

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040213.D
 Acq On : 14 Feb 2024 12:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 14 23:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	76295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53106	46.788	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.580%		
35) Dibromofluoromethane	5.379	113	43389	49.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	8.647	98	160431	48.922	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.079	95	65722	49.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44374	51.489	ug/l	98
3) Chloromethane	1.294	50	41816	47.053	ug/l	99
4) Vinyl Chloride	1.374	62	45503	48.451	ug/l	98
5) Bromomethane	1.599	94	31299	59.058	ug/l	98
6) Chloroethane	1.685	64	28832	48.677	ug/l	99
7) Trichlorofluoromethane	1.886	101	74976	49.712	ug/l	99
8) Diethyl Ether	2.130	74	28050	49.509	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	40596	50.179	ug/l	94
10) Methyl Iodide	2.453	142	50690	56.436	ug/l	91
11) Tert butyl alcohol	2.959	59	54141	244.883	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	38638	49.603	ug/l	88
13) Acrolein	2.233	56	52625	257.880	ug/l	99
14) Allyl chloride	2.660	41	63638	47.077	ug/l #	95
15) Acrylonitrile	3.062	53	124405	251.484	ug/l	100
16) Acetone	2.374	43	106603	228.677	ug/l	91
17) Carbon Disulfide	2.508	76	99296	48.285	ug/l	98
18) Methyl Acetate	2.697	43	51757	41.416	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	140852	51.327	ug/l	99
20) Methylene Chloride	2.788	84	45293	51.887	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	42743	48.181	ug/l	91
22) Diisopropyl ether	3.757	45	139554	50.905	ug/l	95
23) Vinyl Acetate	3.715	43	651878	266.735	ug/l	98
24) 1,1-Dichloroethane	3.611	63	78809	49.350	ug/l	99
25) 2-Butanone	4.550	43	170525	234.016	ug/l	95
26) 2,2-Dichloropropane	4.471	77	63605	51.741	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	50718	50.115	ug/l	92
28) Bromochloromethane	4.891	49	36128	53.286	ug/l	91
29) Tetrahydrofuran	4.995	42	112653	237.296	ug/l	94
30) Chloroform	5.086	83	86166	49.906	ug/l	97
31) Cyclohexane	5.464	56	64732	47.813	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	73179	50.381	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60213	49.032	ug/l	98
37) Ethyl Acetate	4.708	43	67829	49.639	ug/l	97
38) Carbon Tetrachloride	5.678	117	60687	51.975	ug/l	91
39) Methylcyclohexane	7.379	83	71483	50.088	ug/l	95
40) Benzene	6.038	78	176339	51.348	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040213.D
 Acq On : 14 Feb 2024 12:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 14 23:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35909	49.572	ug/l	90
42) 1,2-Dichloroethane	6.086	62	69845	52.033	ug/l	99
43) Isopropyl Acetate	6.336	43	110866	51.974	ug/l	99
44) Trichloroethene	7.123	130	47761	50.419	ug/l	97
45) 1,2-Dichloropropane	7.428	63	46393	51.902	ug/l	99
46) Dibromomethane	7.580	93	35534	53.977	ug/l	93
47) Bromodichloromethane	7.818	83	68854	54.282	ug/l	99
48) Methyl methacrylate	7.690	41	55551	50.896	ug/l	91
49) 1,4-Dioxane	7.653	88	23314	981.875	ug/l #	87
51) 4-Methyl-2-Pentanone	8.568	43	374460	257.123	ug/l	99
52) Toluene	8.714	92	116196	51.656	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	75573	50.064	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80103	56.348	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	50955	53.111	ug/l	97
56) Ethyl methacrylate	9.116	69	79790	55.553	ug/l	96
57) 1,3-Dichloropropane	9.305	76	83161	53.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	171872	252.959	ug/l	99
59) 2-Hexanone	9.427	43	293741	254.395	ug/l	98
60) Dibromochloromethane	9.519	129	55329	56.605	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55726	54.644	ug/l	99
64) Tetrachloroethene	9.275	164	42721	50.443	ug/l	94
65) Chlorobenzene	10.079	112	129255	51.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48338	55.334	ug/l	99
67) Ethyl Benzene	10.195	91	237659	52.905	ug/l	100
68) m/p-Xylenes	10.299	106	179162	105.601	ug/l	99
69) o-Xylene	10.640	106	89064	54.021	ug/l	99
70) Styrene	10.653	104	151884	55.410	ug/l	98
71) Bromoform	10.799	173	42581	51.836	ug/l #	97
73) Isopropylbenzene	10.963	105	238093	50.151	ug/l	99
74) N-amyl acetate	10.842	43	110576	54.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85704	50.247	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71621m	52.470	ug/l	
77) Bromobenzene	11.195	156	58672	52.325	ug/l	93
78) n-propylbenzene	11.305	91	290153	50.481	ug/l	99
79) 2-Chlorotoluene	11.360	91	172328	49.651	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	207007	51.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23927	49.279	ug/l	93
82) 4-Chlorotoluene	11.451	91	203196	49.411	ug/l	97
83) tert-Butylbenzene	11.713	119	199750	50.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207589	51.337	ug/l	98
85) sec-Butylbenzene	11.890	105	258967	51.424	ug/l	98
86) p-Isopropyltoluene	12.006	119	218441	52.916	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116988	52.656	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116953	49.712	ug/l	98
89) n-Butylbenzene	12.329	91	203580	51.089	ug/l	97
90) Hexachloroethane	12.536	117	36236	55.650	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	113651	52.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20816	52.877	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	75775	51.461	ug/l	96
94) Hexachlorobutadiene	13.725	225	31187	53.069	ug/l	97
95) Naphthalene	13.774	128	243513	52.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72870	51.918	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
Data File : VX040213.D
Acq On : 14 Feb 2024 12:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

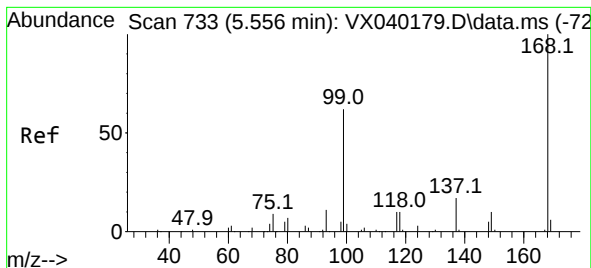
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

Quant Time: Feb 14 23:59:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 7629

Ion Ratio Lower Upper

168 100

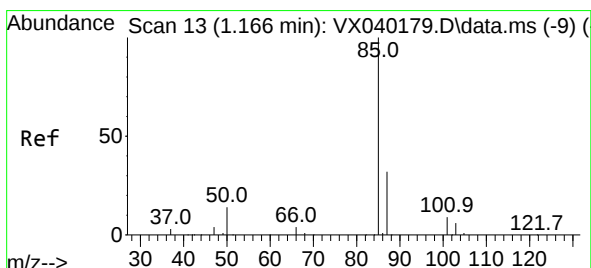
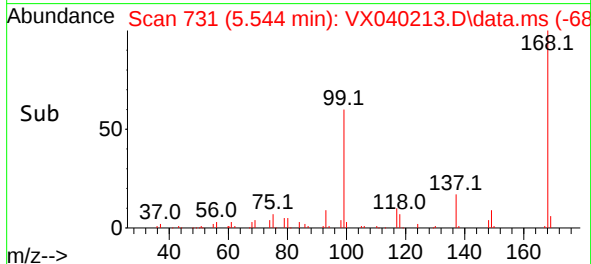
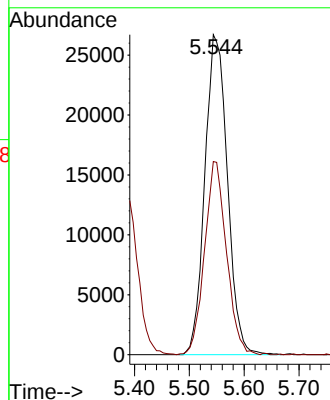
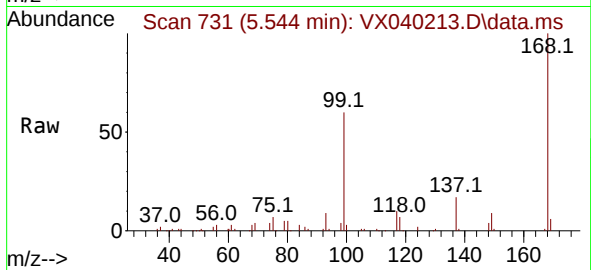
99 60.2 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#2

Dichlorodifluoromethane

Concen: 51.489 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX040213.D

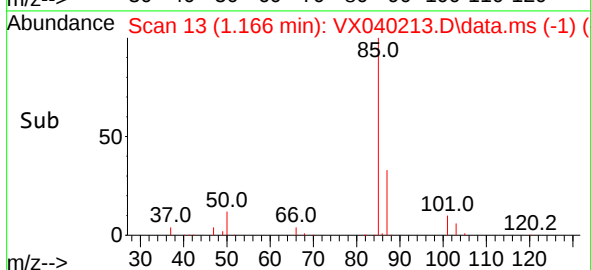
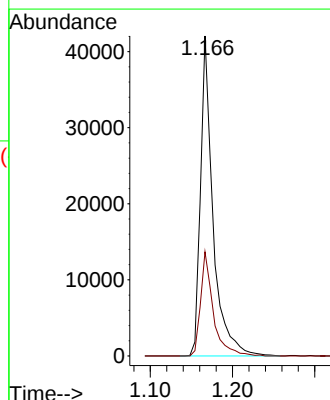
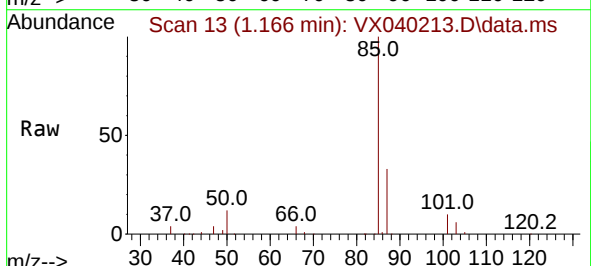
Acq: 14 Feb 2024 12:24

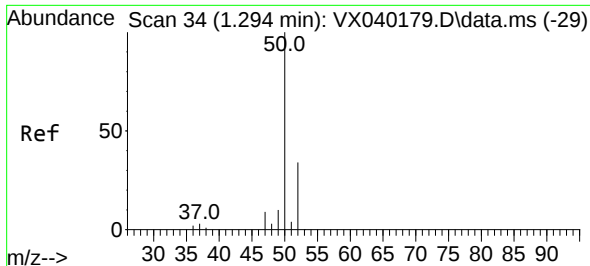
Tgt Ion: 85 Resp: 44374

Ion Ratio Lower Upper

85 100

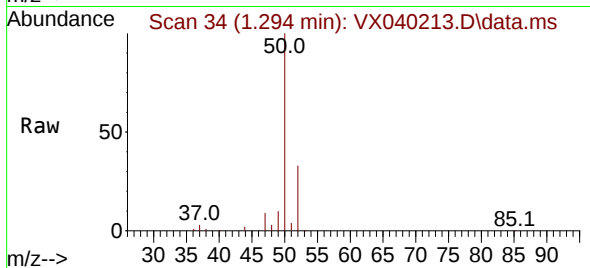
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 47.053 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

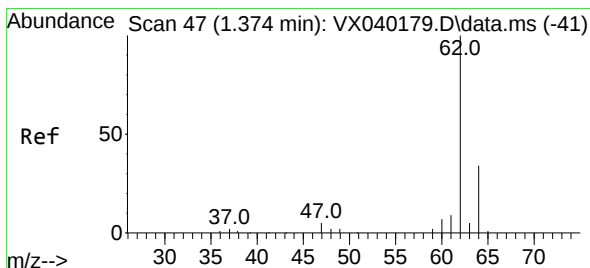
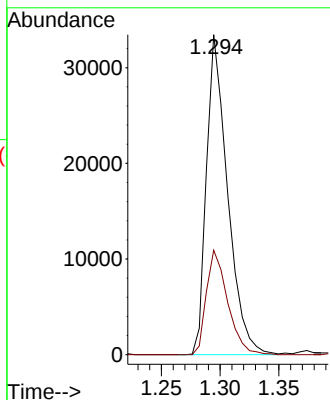
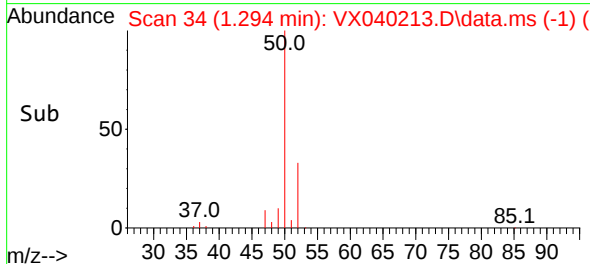
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 41810
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

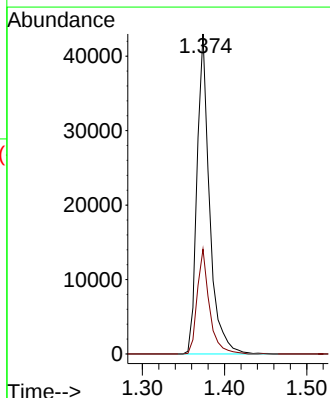
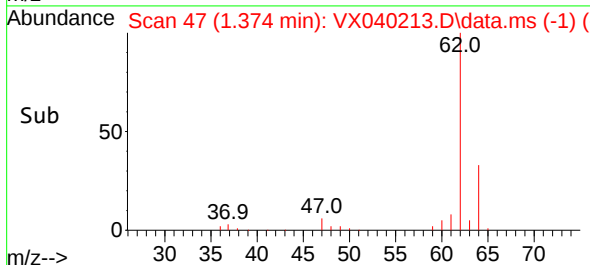
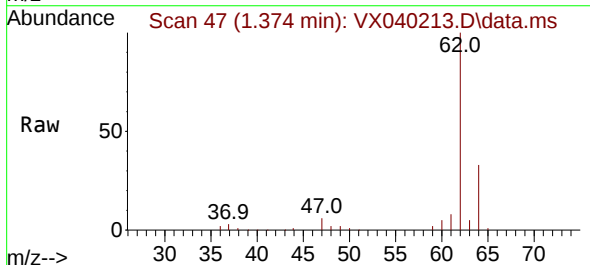
Manual Integrations
APPROVED

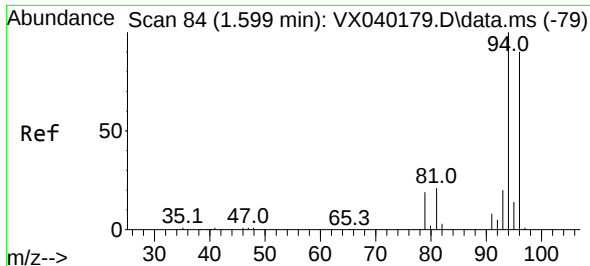
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#4
Vinyl Chloride
Concen: 48.451 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

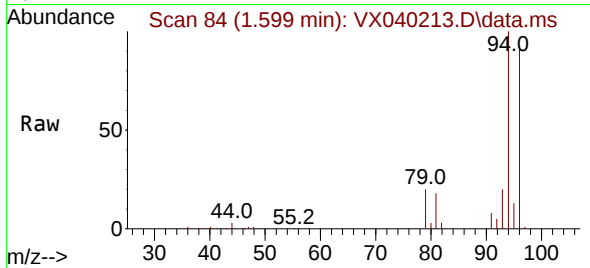
Tgt Ion: 62 Resp: 45503
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 59.058 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

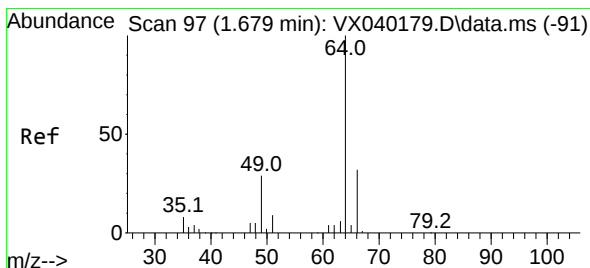
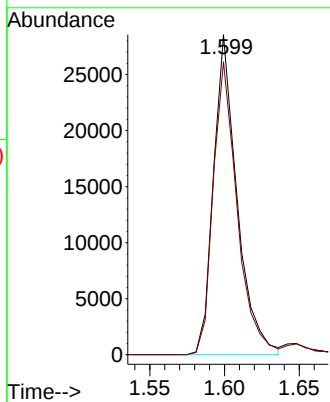
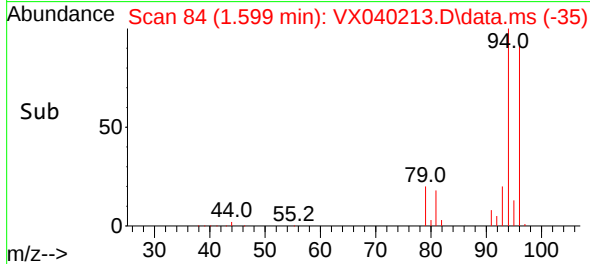
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 31299
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

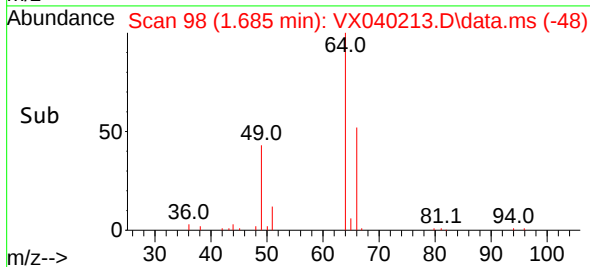
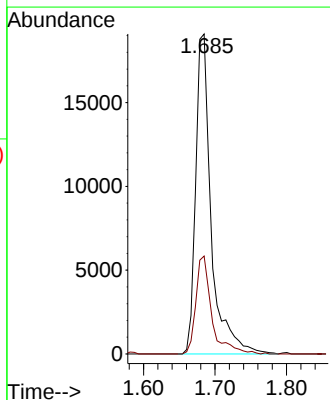
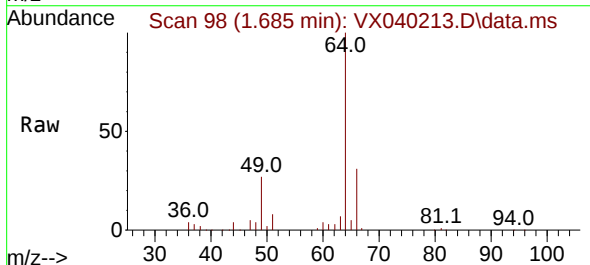
Manual Integrations
APPROVED

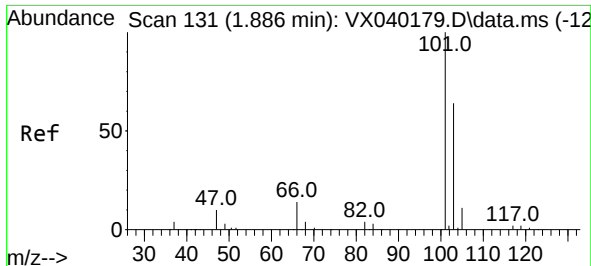
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#6
Chloroethane
Concen: 48.677 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 64 Resp: 28832
Ion Ratio Lower Upper
64 100
66 30.6 25.1 37.7





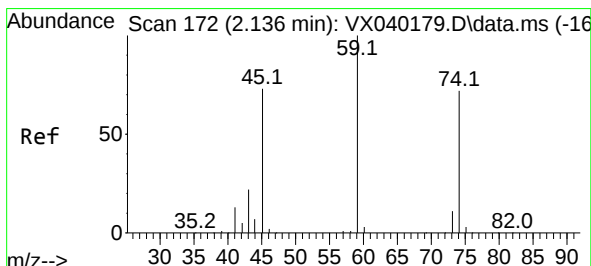
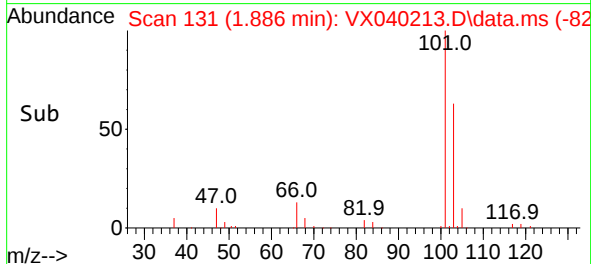
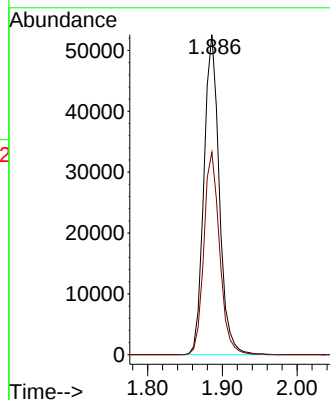
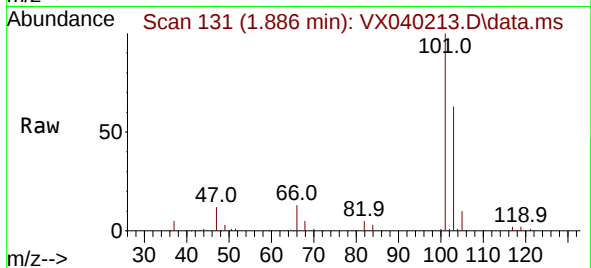
#7
Trichlorofluoromethane
Concen: 49.712 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 74970
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

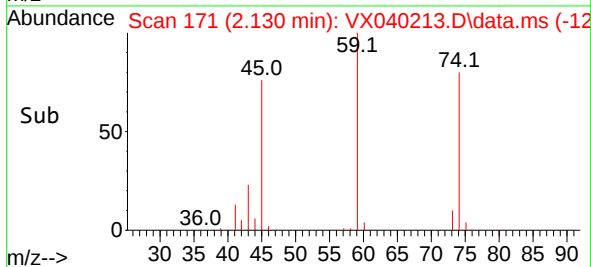
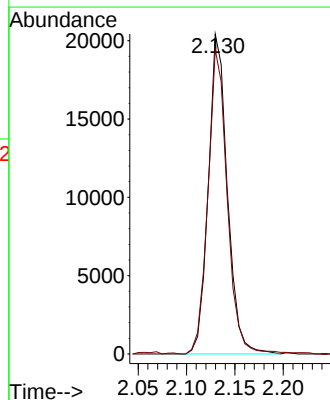
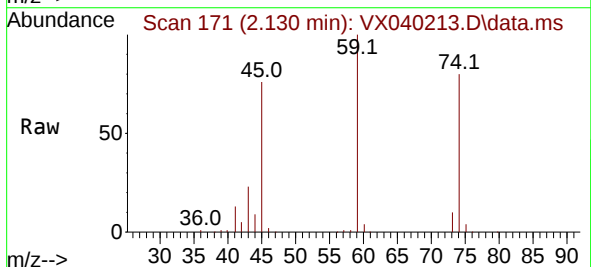
Manual Integrations
APPROVED

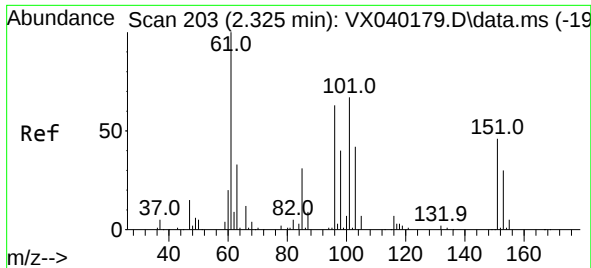
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#8
Diethyl Ether
Concen: 49.509 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 74 Resp: 28050
Ion Ratio Lower Upper
74 100
45 96.7 53.3 159.8





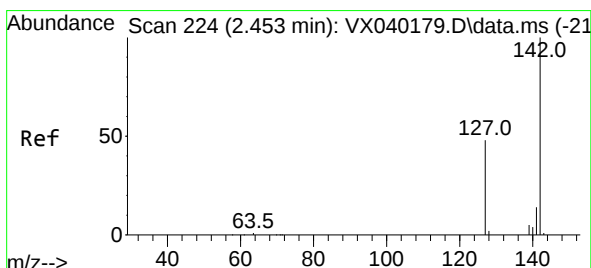
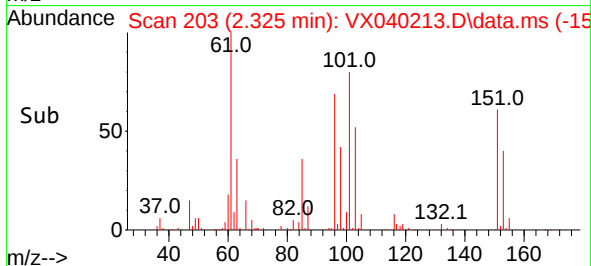
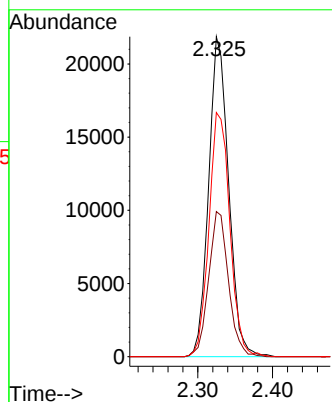
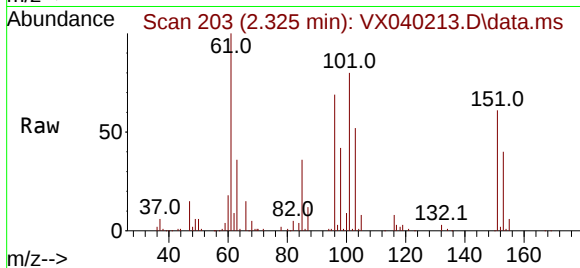
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.179 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 40590
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 79.9 58.6 87.8

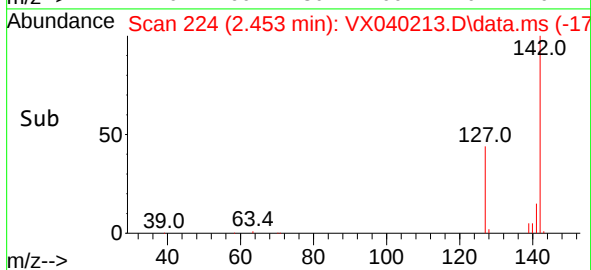
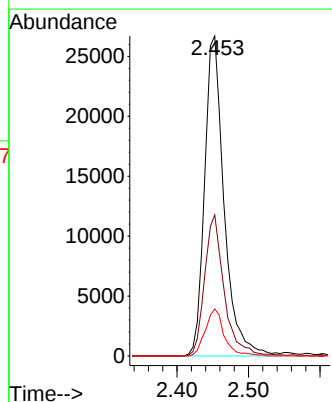
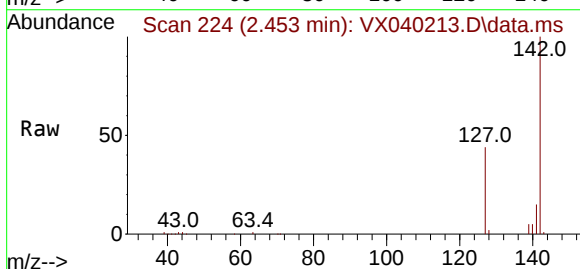
Manual Integrations
APPROVED

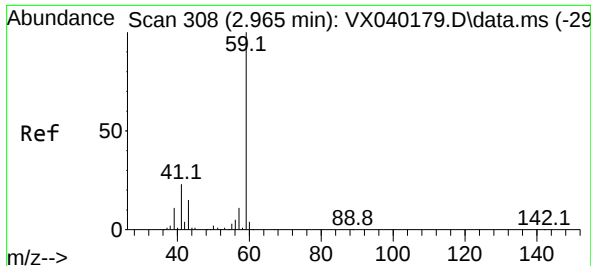
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 56.436 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:142 Resp: 50690
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.3 11.6 17.4





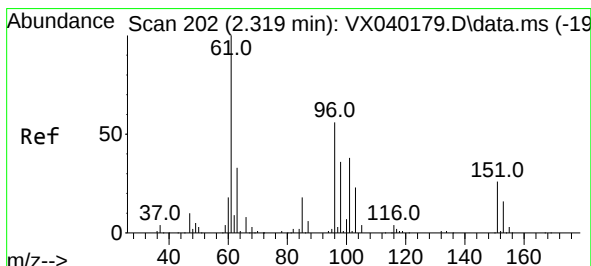
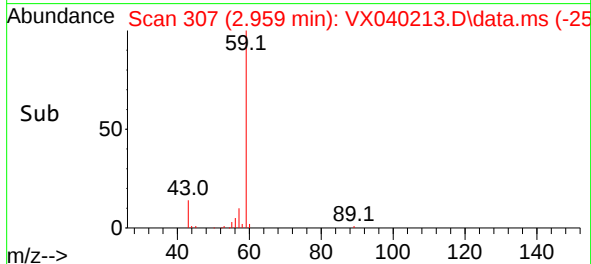
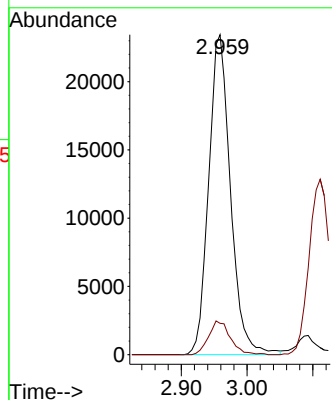
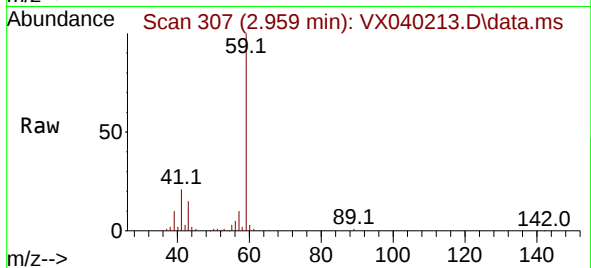
#11
Tert butyl alcohol
Concen: 244.883 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5414
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

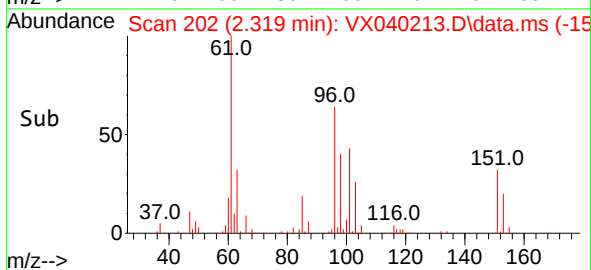
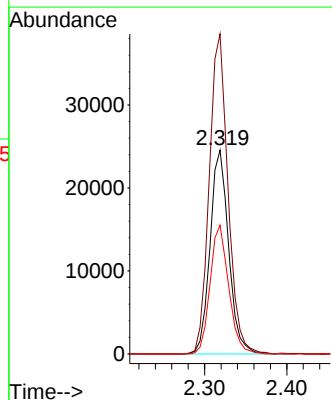
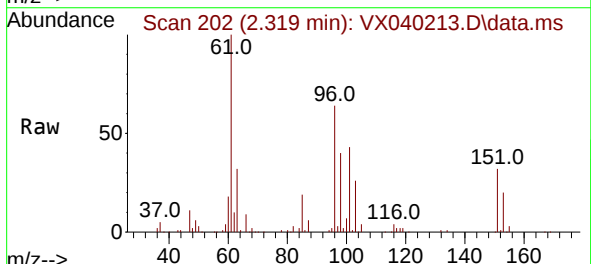
Manual Integrations
APPROVED

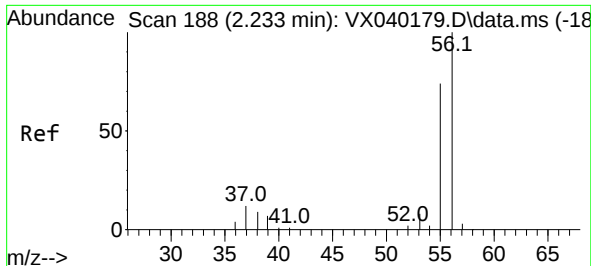
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#12
1,1-Dichloroethene
Concen: 49.603 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

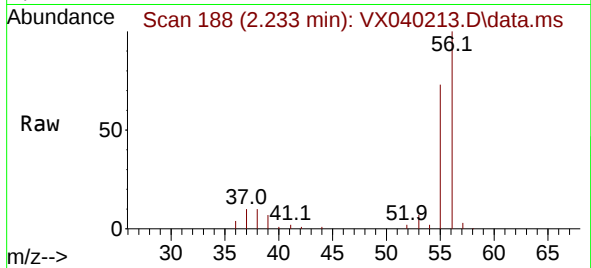
Tgt Ion: 96 Resp: 38638
Ion Ratio Lower Upper
96 100
61 157.0 144.6 216.8
98 63.2 50.4 75.6





#13
Acrolein
Concen: 257.880 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

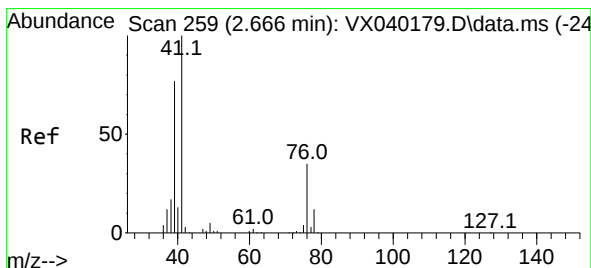
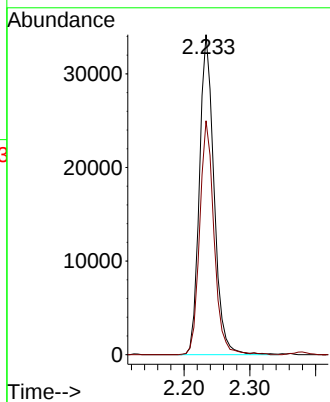
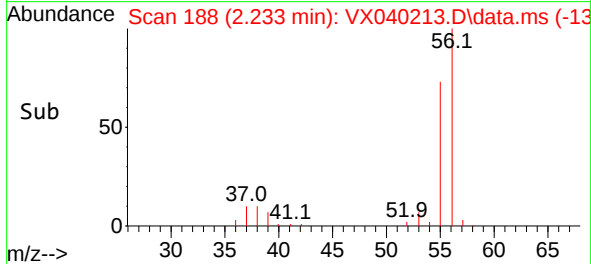
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5262
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

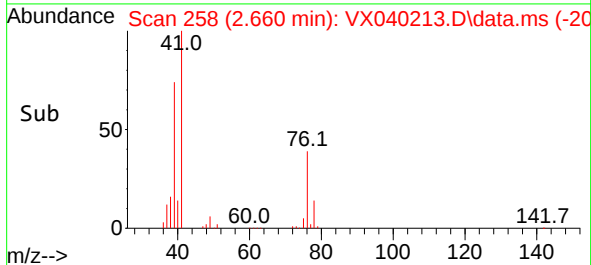
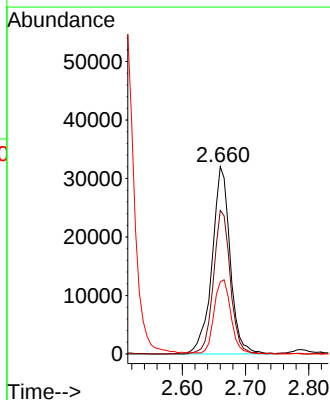
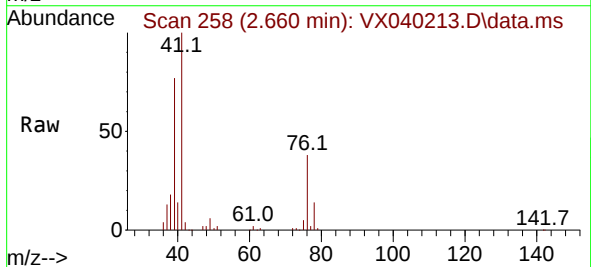
Manual Integrations
APPROVED

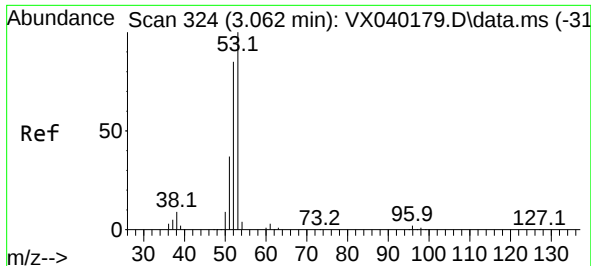
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#14
Allyl chloride
Concen: 47.077 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 41 Resp: 63638
Ion Ratio Lower Upper
41 100
39 71.3 55.8 83.6
76 36.8 24.3 36.5





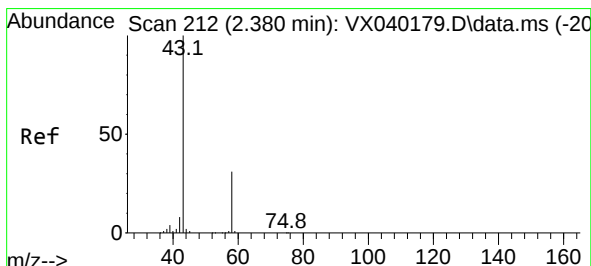
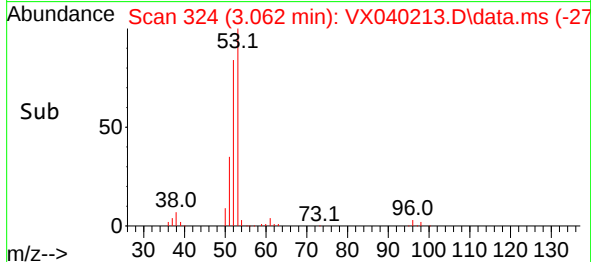
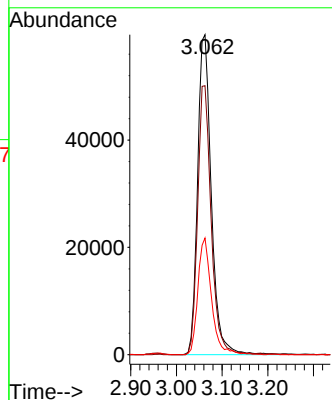
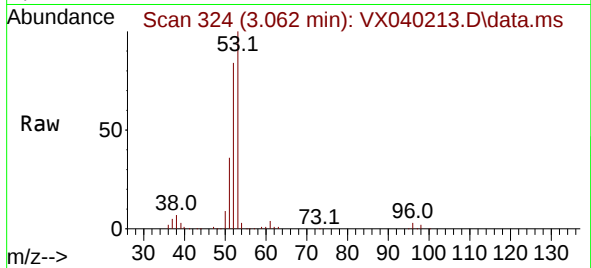
#15
Acrylonitrile
Concen: 251.484 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 12440
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.3 29.8 44.6

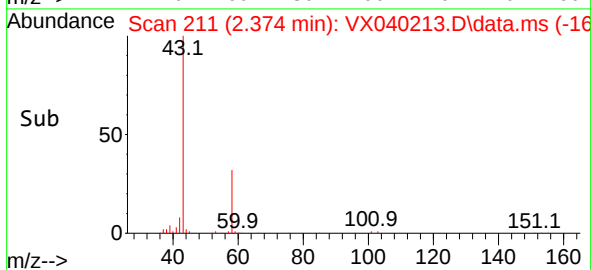
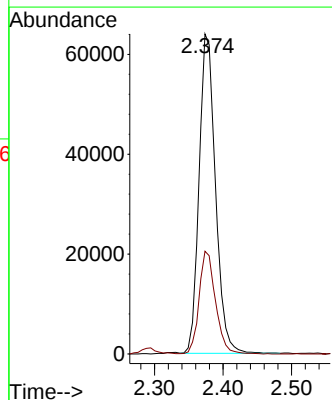
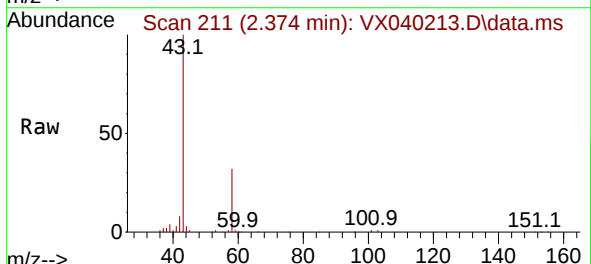
Manual Integrations
APPROVED

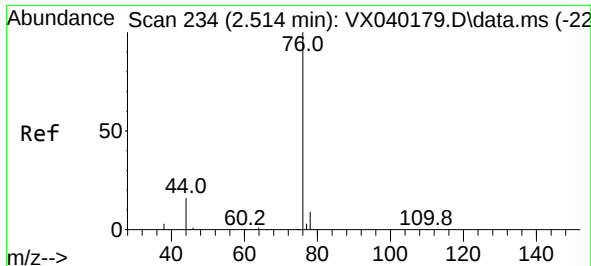
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 228.677 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 43 Resp: 106603
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





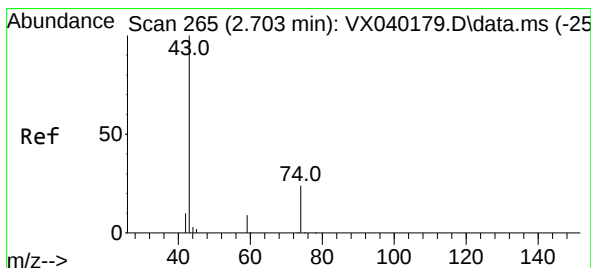
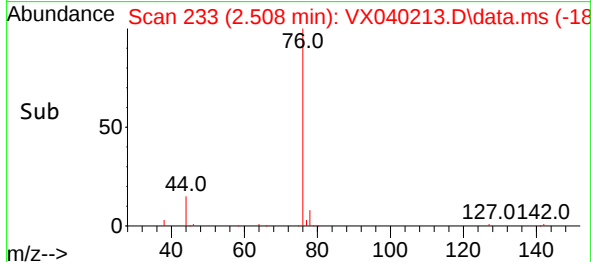
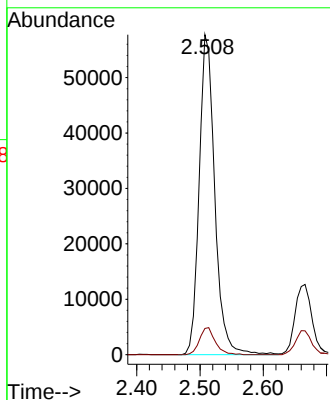
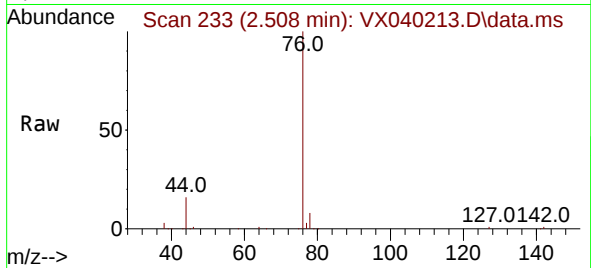
#17
Carbon Disulfide
Concen: 48.285 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 99290
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

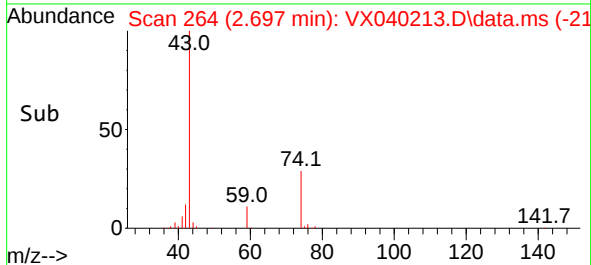
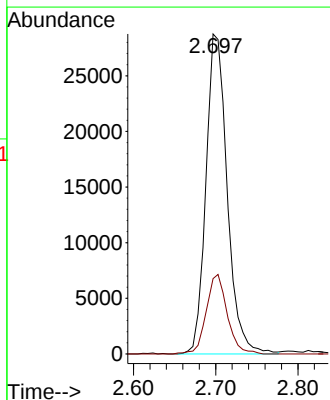
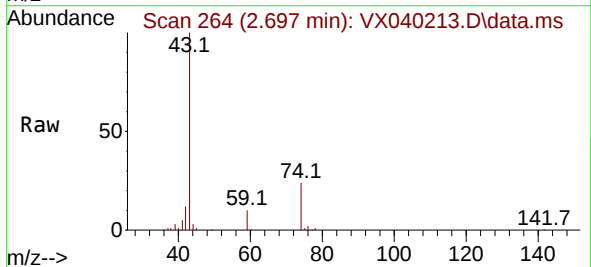
Manual Integrations
APPROVED

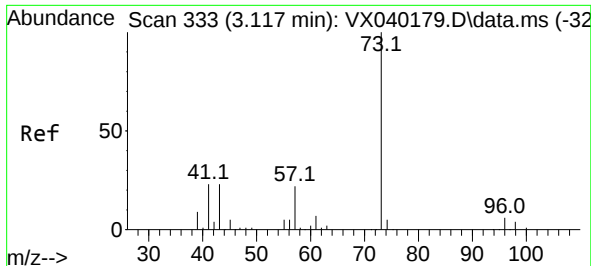
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#18
Methyl Acetate
Concen: 41.416 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 43 Resp: 51757
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8





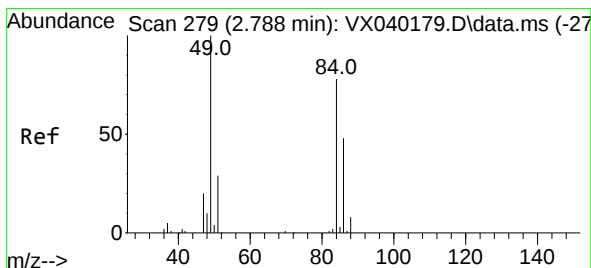
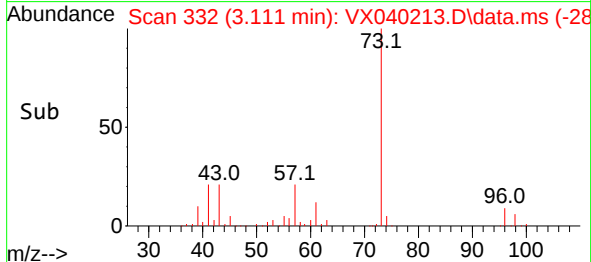
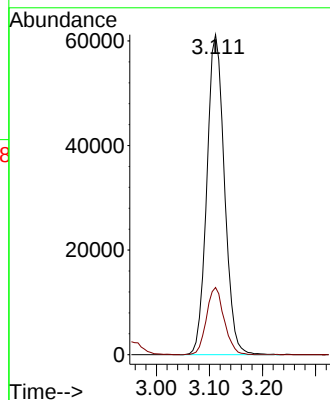
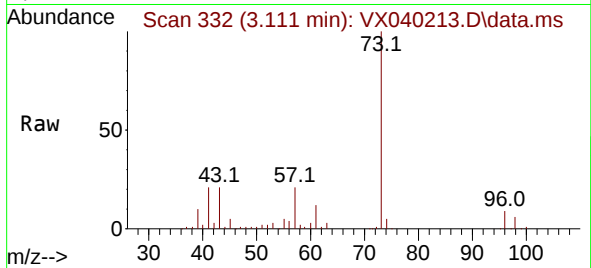
#19
Methyl tert-butyl Ether
Concen: 51.327 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 140852
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

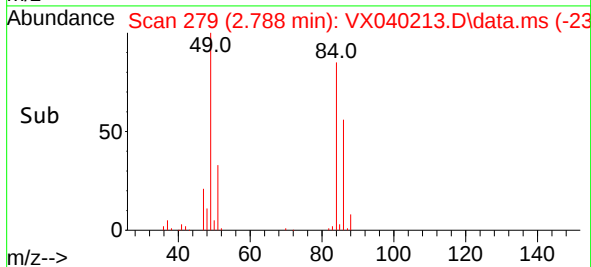
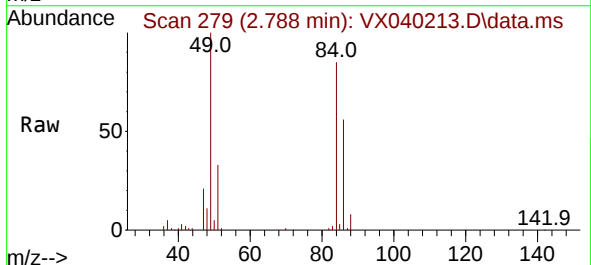
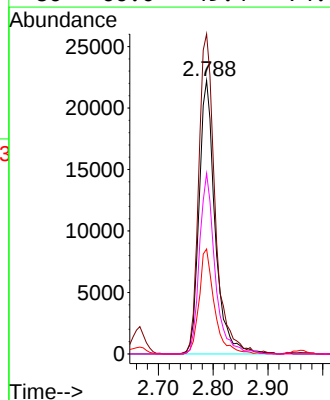
Manual Integrations
APPROVED

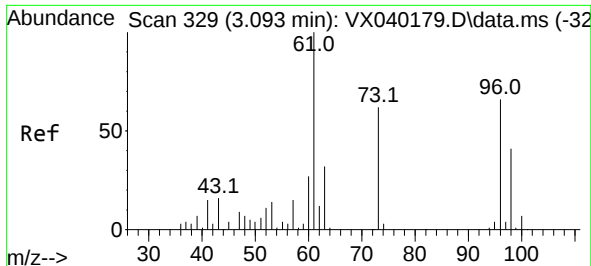
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 51.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

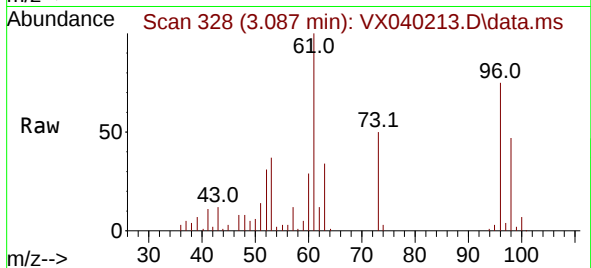
Tgt Ion: 84 Resp: 45293
Ion Ratio Lower Upper
84 100
49 117.1 103.6 155.4
51 38.4 33.8 50.6
86 66.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.181 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

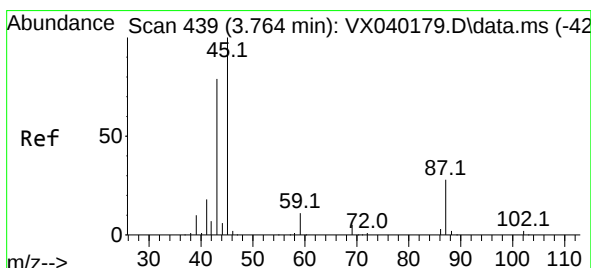
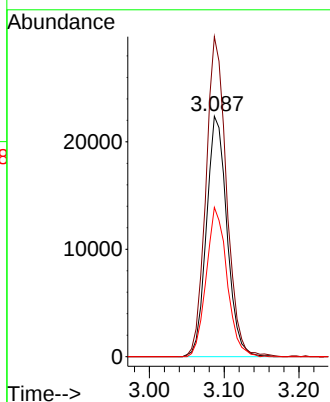
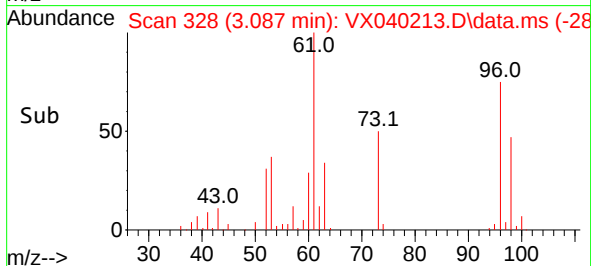
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



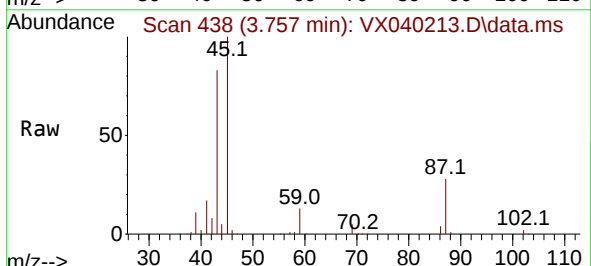
Tgt Ion: 96 Resp: 4274
Ion Ratio Lower Upper
96 100
61 133.1 119.2 178.8
98 62.1 48.7 73.1

Manual Integrations
APPROVED

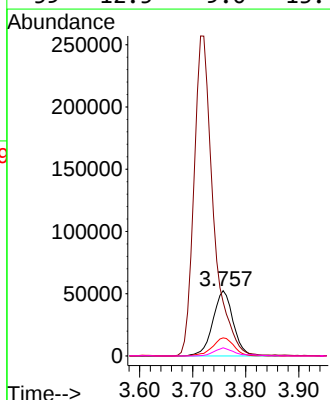
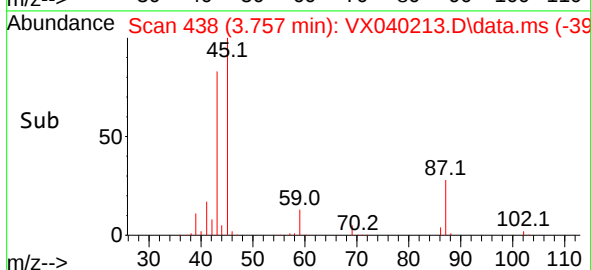
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

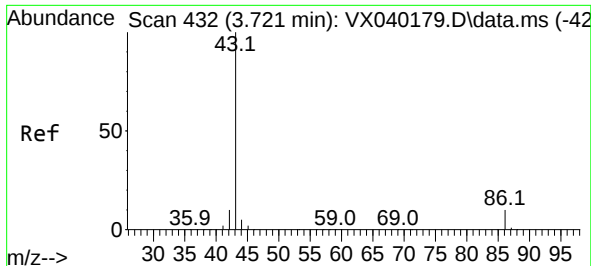


#22
Diisopropyl ether
Concen: 50.905 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion: 45 Resp: 139554
Ion Ratio Lower Upper
45 100
43 81.3 69.7 104.5
87 27.8 20.8 31.2
59 12.5 9.0 13.4





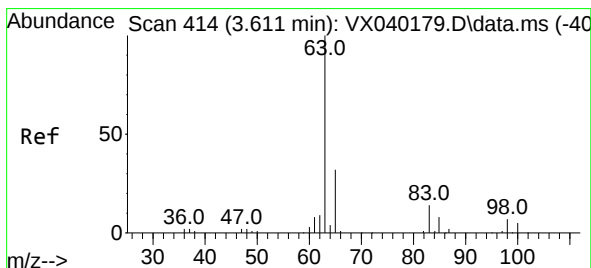
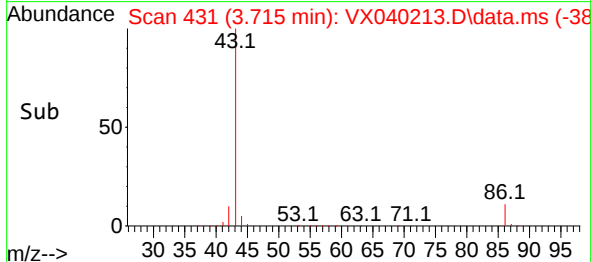
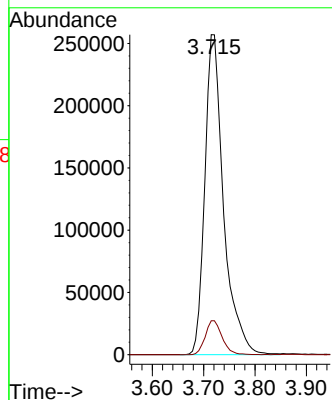
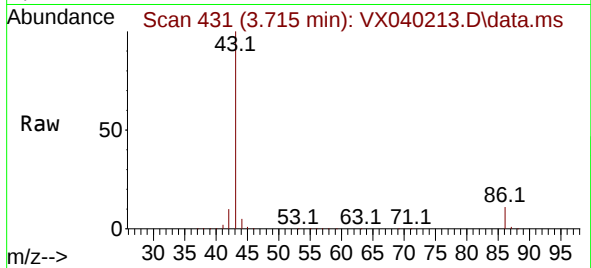
#23
Vinyl Acetate
Concen: 266.735 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 651878
Ion Ratio Lower Upper
43 100
86 10.6 7.8 11.8

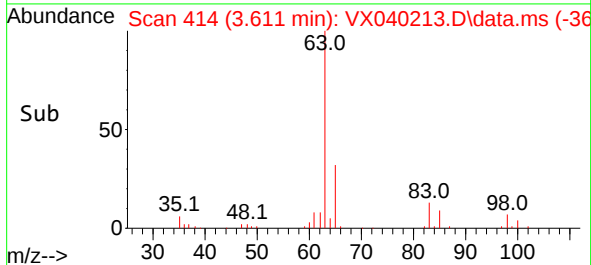
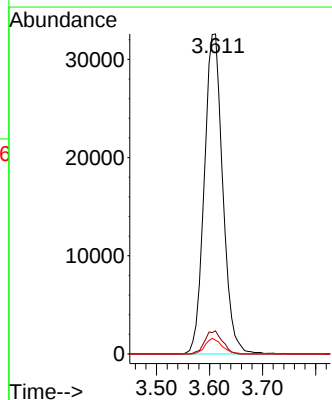
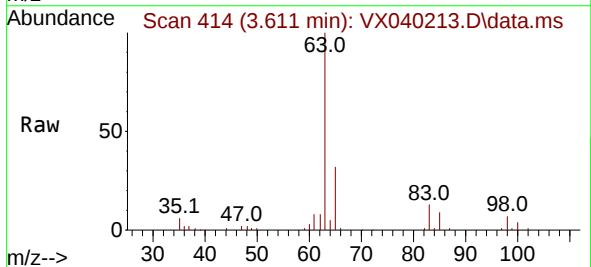
Manual Integrations
APPROVED

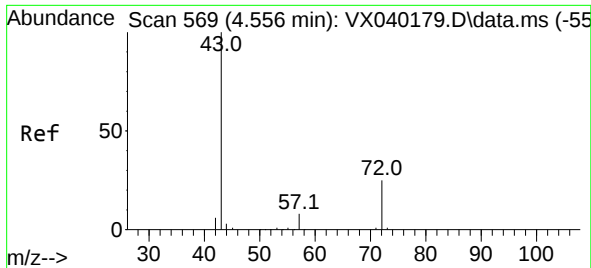
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#24
1,1-Dichloroethane
Concen: 49.350 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 63 Resp: 78809
Ion Ratio Lower Upper
63 100
98 7.2 3.3 9.8
100 4.3 2.1 6.5





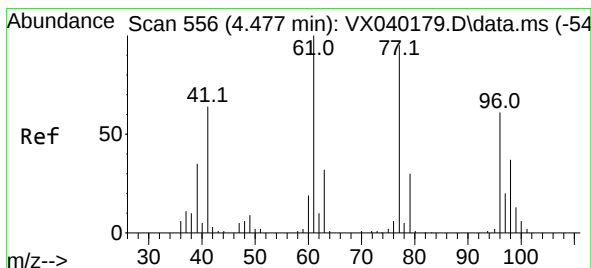
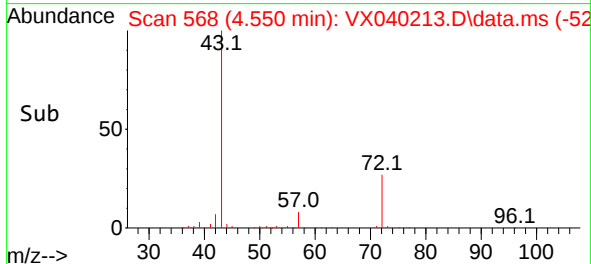
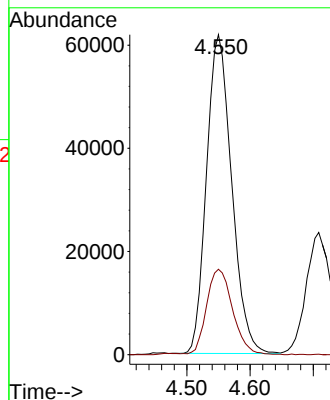
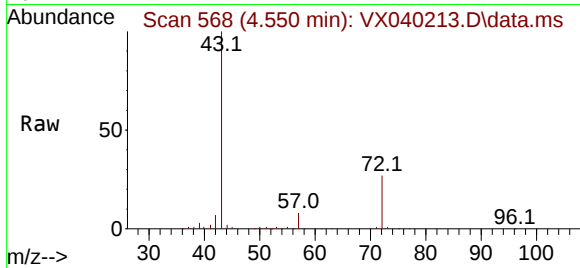
#25
2-Butanone
Concen: 234.016 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 170529
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

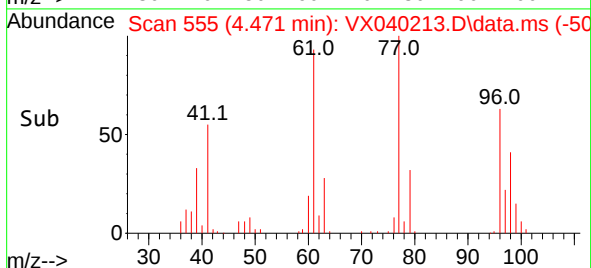
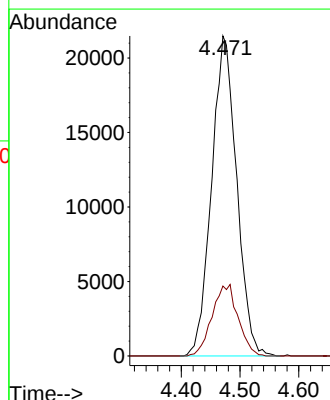
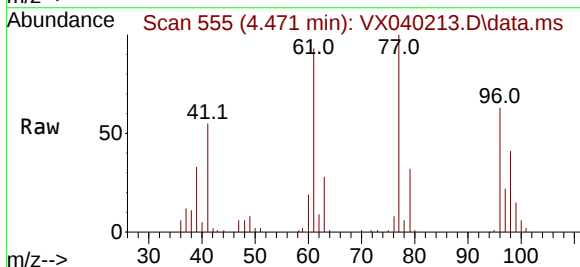
Manual Integrations
APPROVED

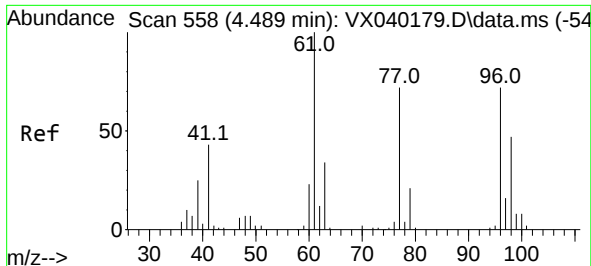
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 51.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 77 Resp: 63605
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.115 ug/l

RT: 4.483 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 50718

Ion Ratio Lower Upper

96 100

61 140.9 0.0 312.2

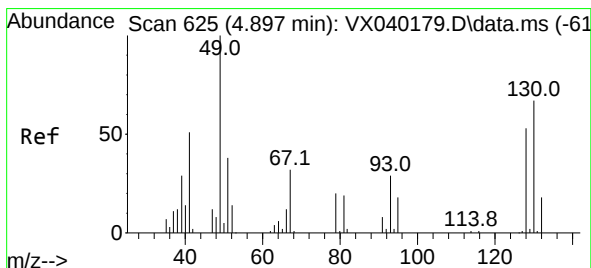
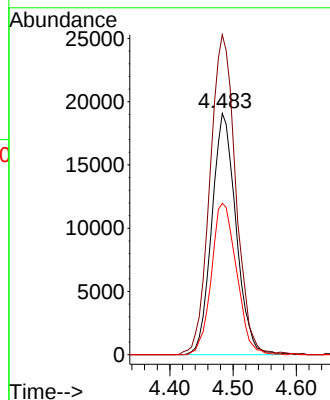
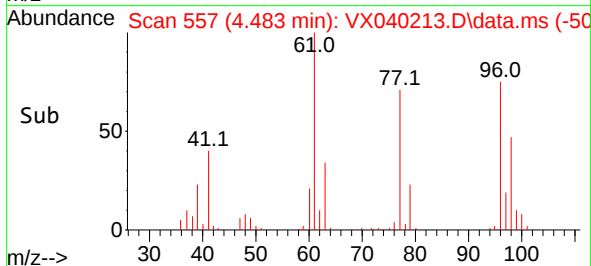
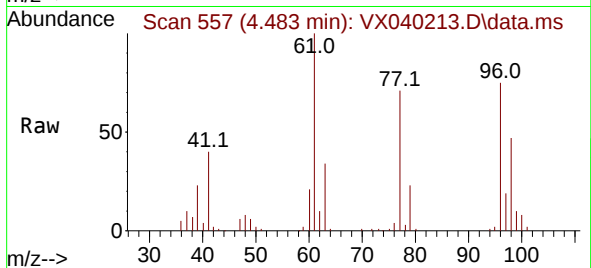
98 65.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#28

Bromochloromethane

Concen: 53.286 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

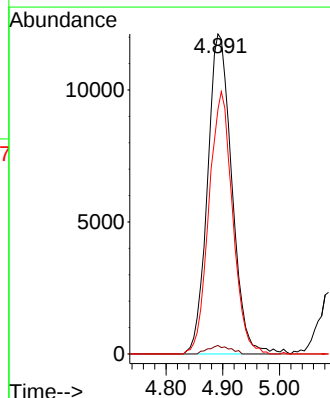
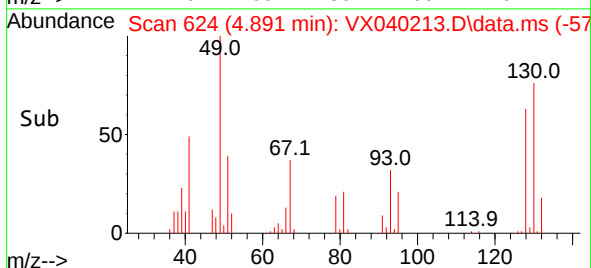
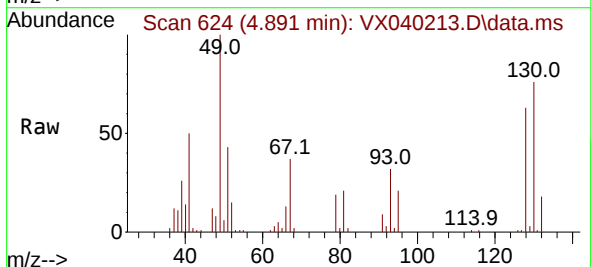
Tgt Ion: 49 Resp: 36128

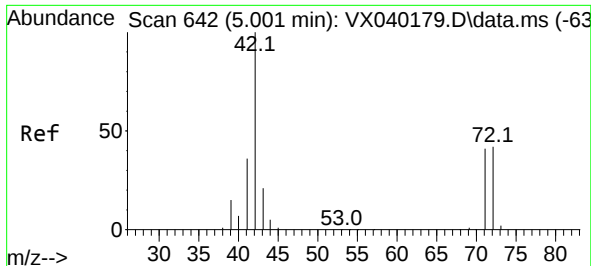
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 79.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.296 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11265

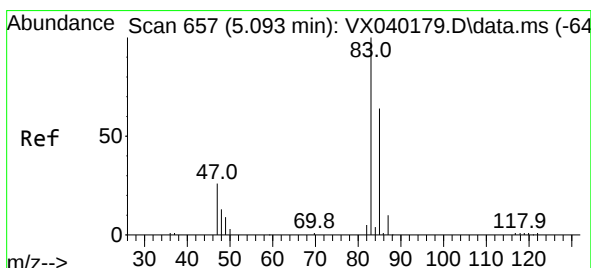
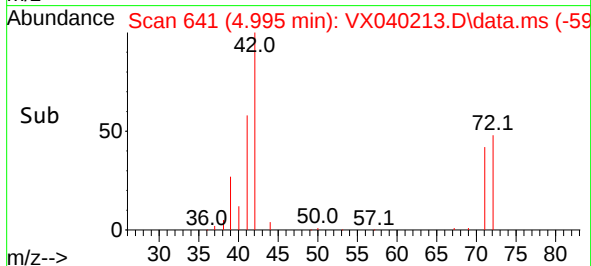
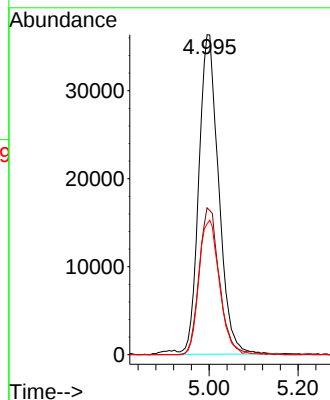
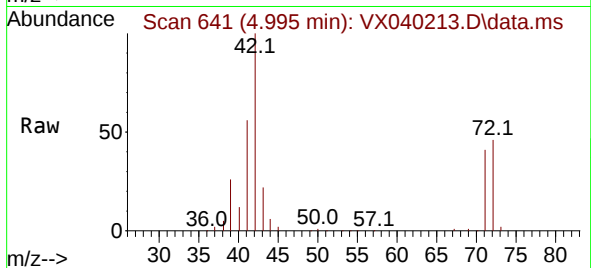
Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.2	51.4
71	43.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#30

Chloroform

Concen: 49.906 ug/l

RT: 5.086 min Scan# 656

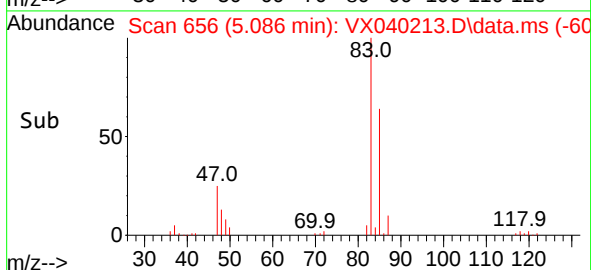
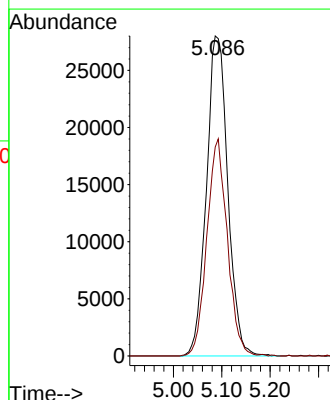
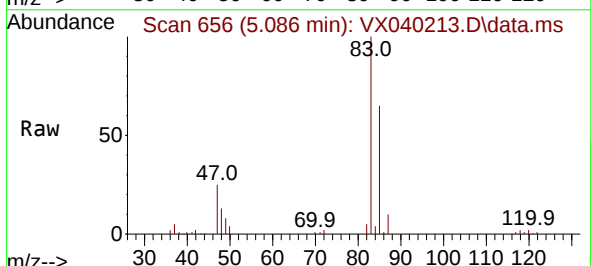
Delta R.T. -0.012 min

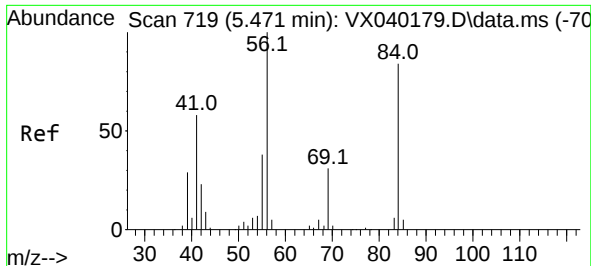
Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion: 83 Resp: 86166

Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





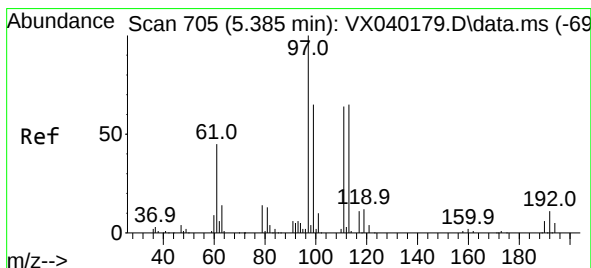
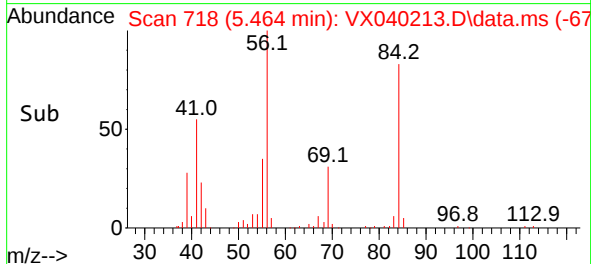
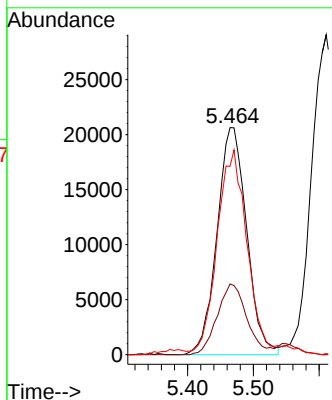
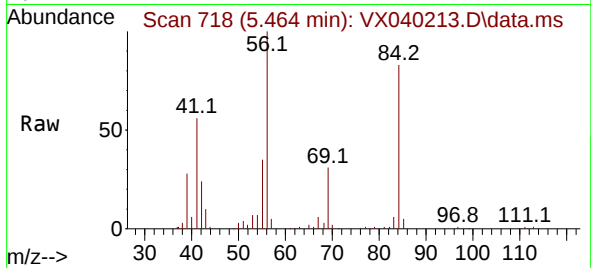
#31
Cyclohexane
Concen: 47.813 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 64732
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 80.6 65.9 98.9

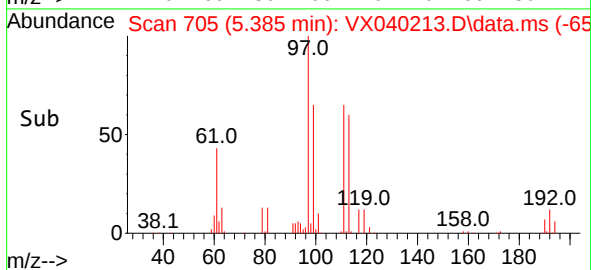
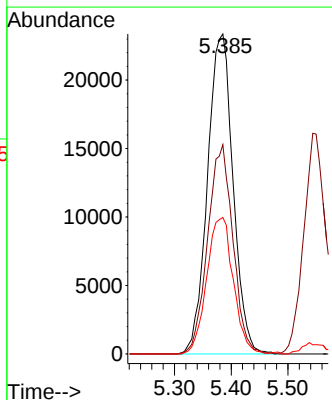
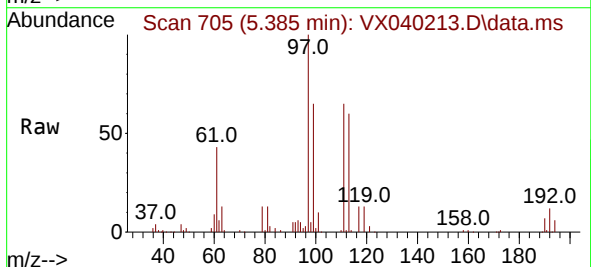
Manual Integrations
APPROVED

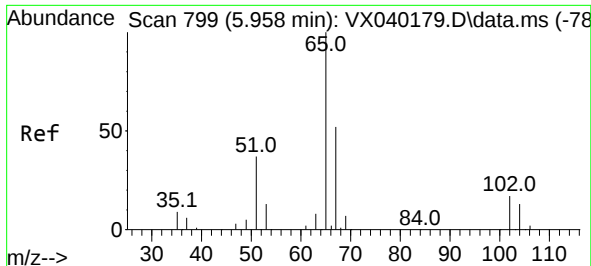
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#32
1,1,1-Trichloroethane
Concen: 50.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 97 Resp: 73179
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 44.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.788 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 53100

Ion Ratio Lower Upper

65 100

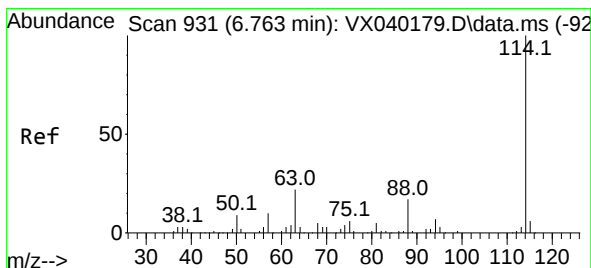
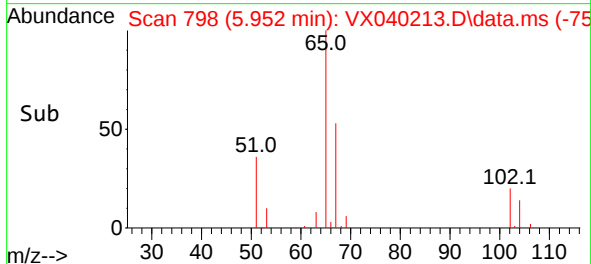
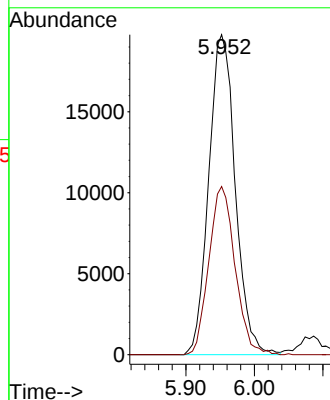
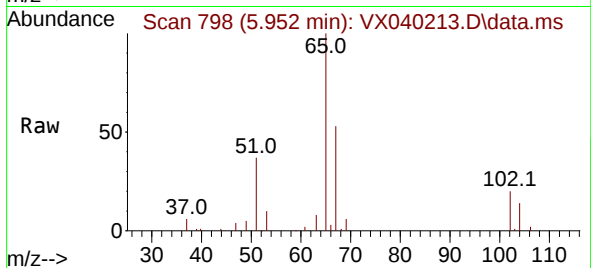
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

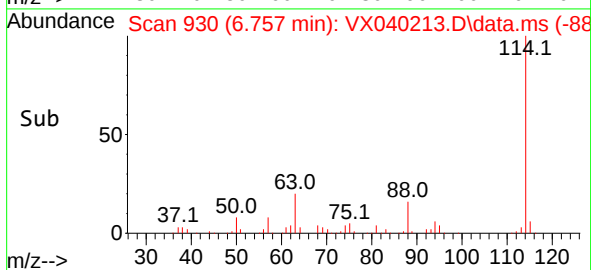
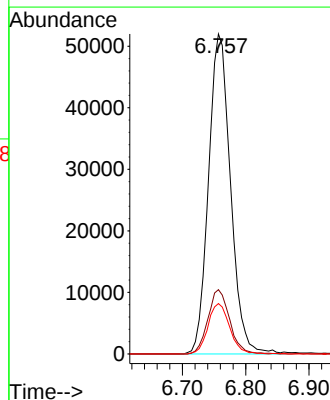
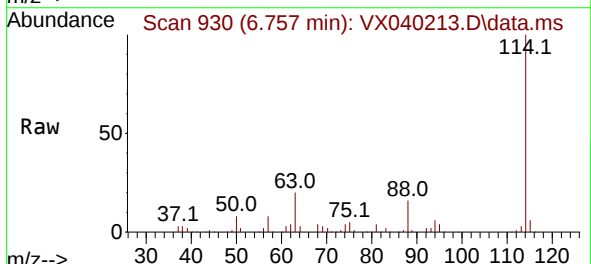
Tgt Ion:114 Resp: 125533

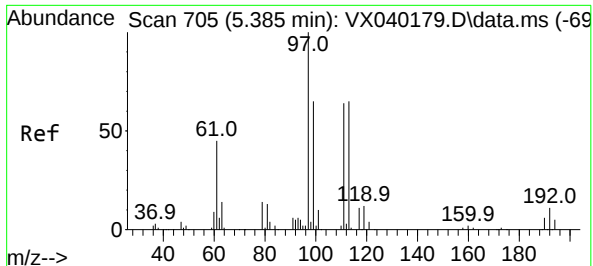
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.494 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 43389

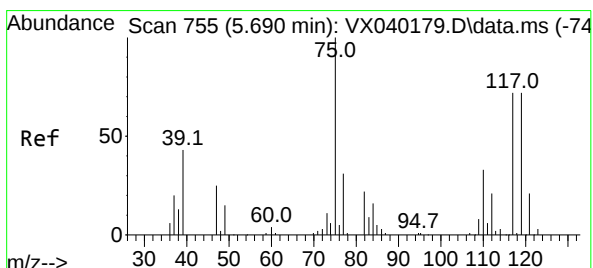
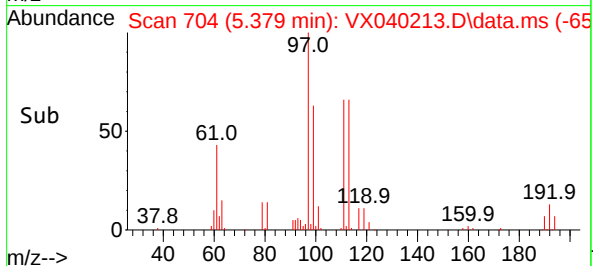
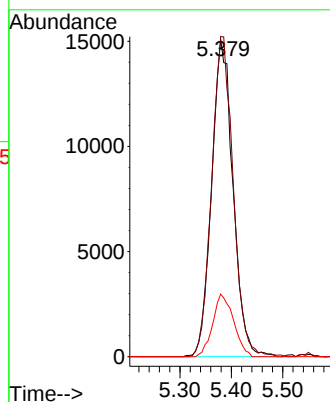
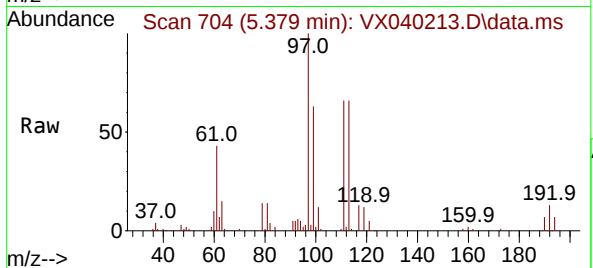
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	19.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#36

1,1-Dichloropropene

Concen: 49.032 ug/l

RT: 5.690 min Scan# 755

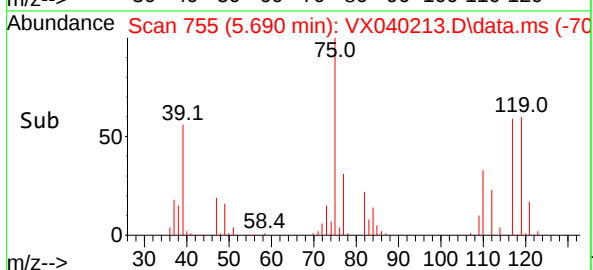
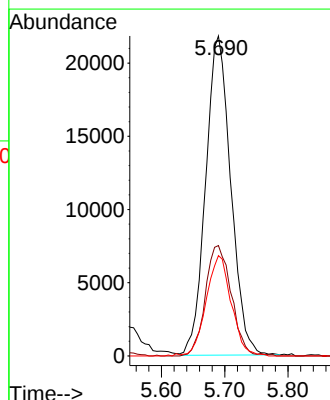
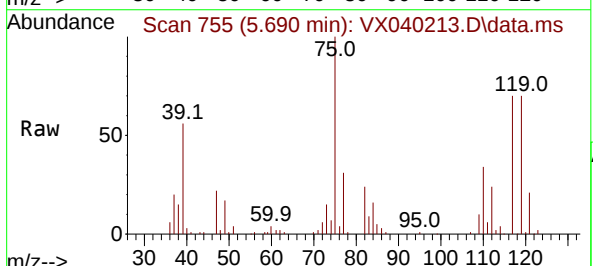
Delta R.T. -0.006 min

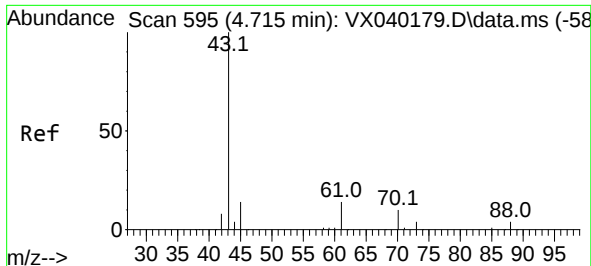
Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion: 75 Resp: 60213

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	31.5	24.7	37.1





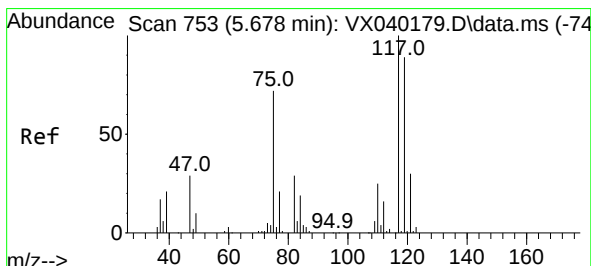
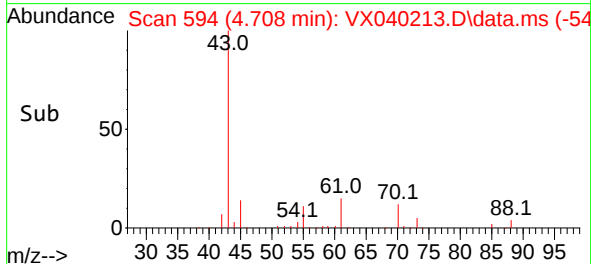
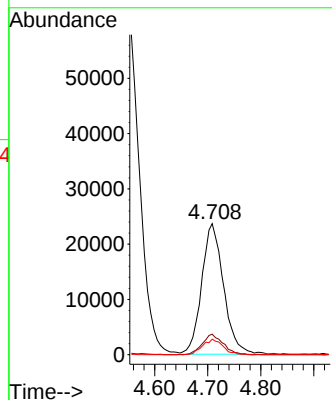
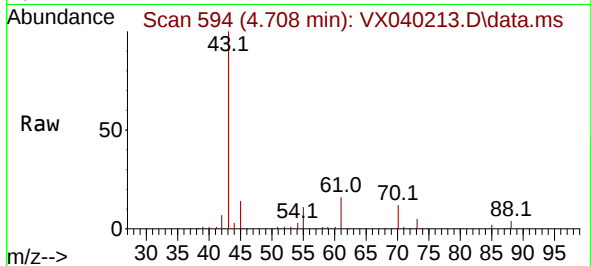
#37
Ethyl Acetate
Concen: 49.639 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 67829
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.0 8.3 12.5

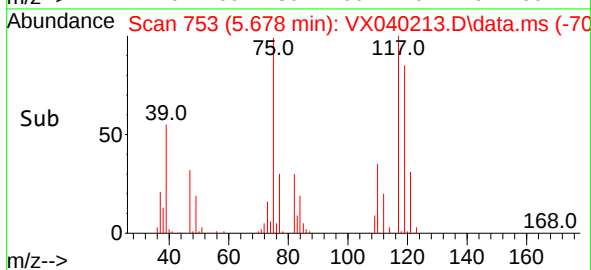
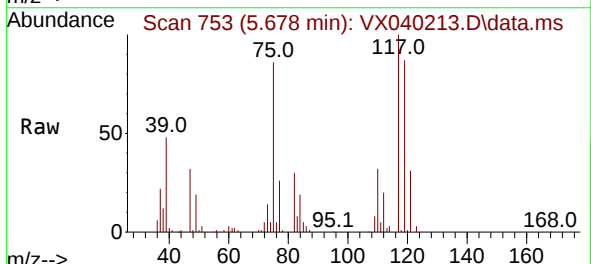
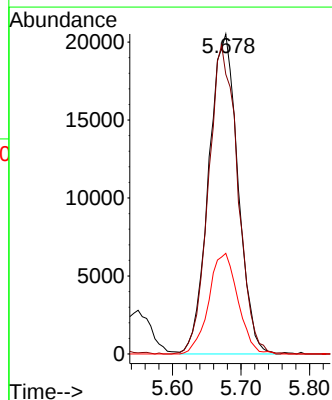
Manual Integrations
APPROVED

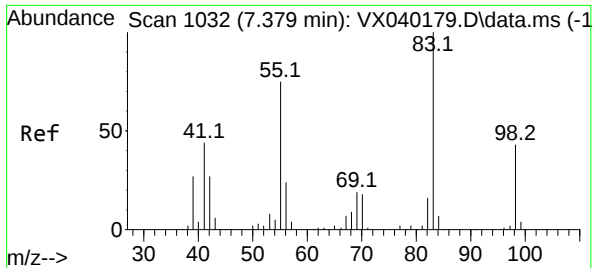
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#38
Carbon Tetrachloride
Concen: 51.975 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:117 Resp: 60687
Ion Ratio Lower Upper
117 100
119 87.0 78.2 117.2
121 31.4 24.4 36.6





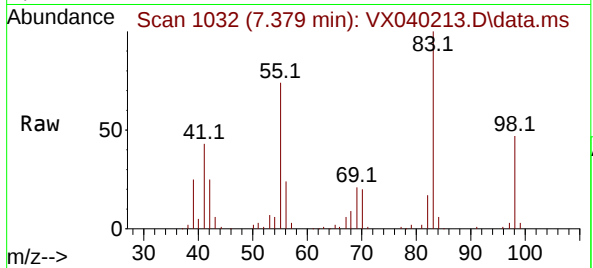
#39
Methylcyclohexane
Concen: 50.088 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



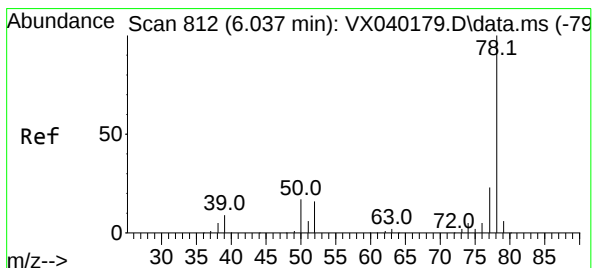
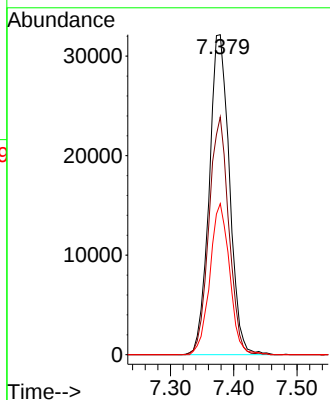
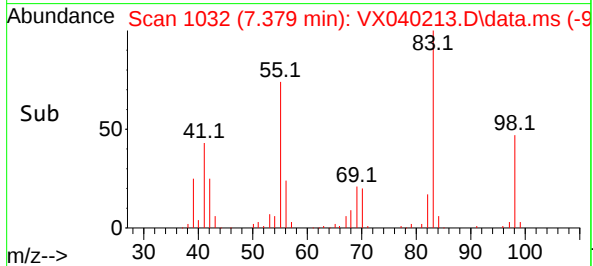
Tgt Ion: 83 Resp: 7148
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 47.2 36.7 55.1

Manual Integrations

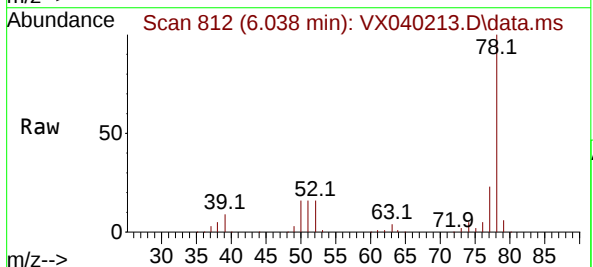
APPROVED

Reviewed By :John Carlone 02/15/2024

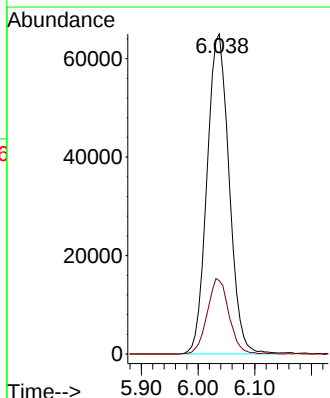
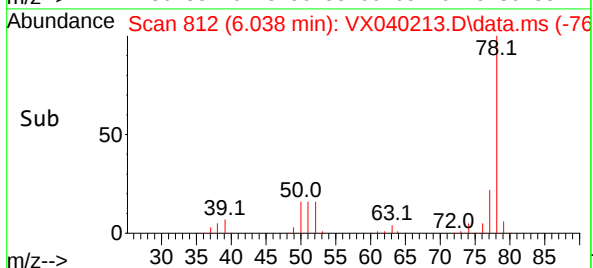
Supervised By :Mahesh Dadoda 02/15/2024

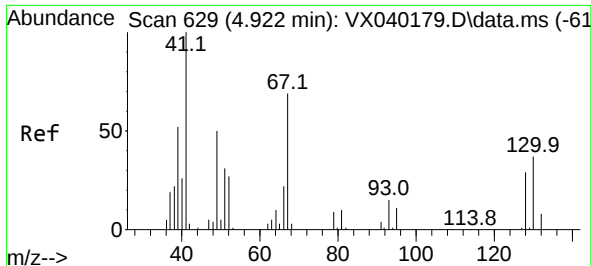


#40
Benzene
Concen: 51.348 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion: 78 Resp: 176339
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 49.572 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

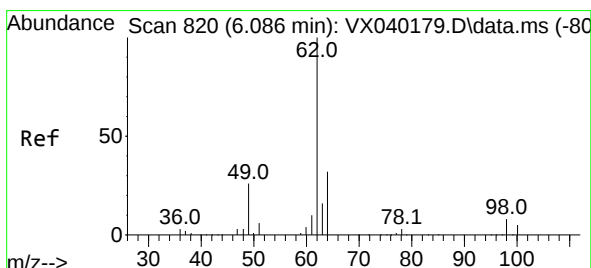
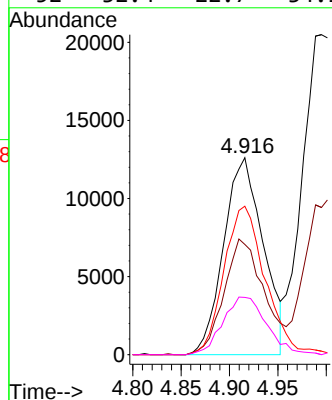
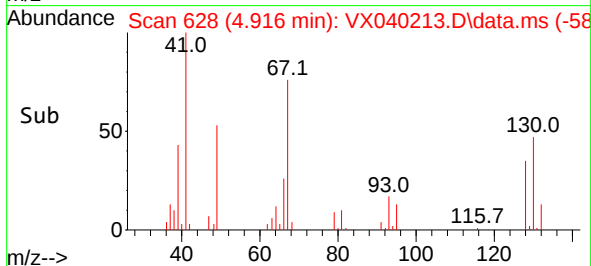
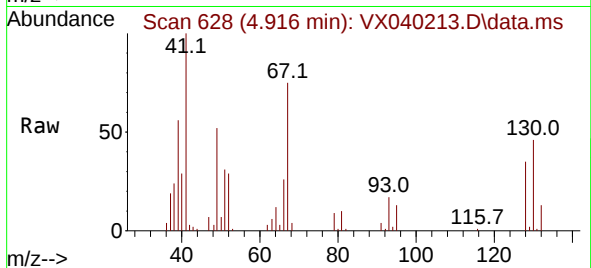
Tgt Ion: 41 Resp: 3590
Ion Ratio Lower Upper
41 100
39 59.8 45.2 67.8
67 78.8 52.6 78.8
52 32.4 22.7 34.1

Manual Integrations

APPROVED

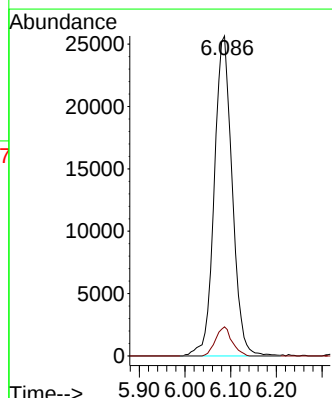
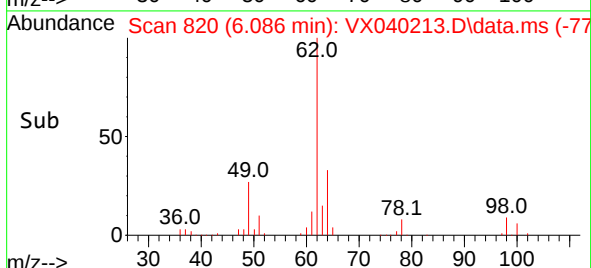
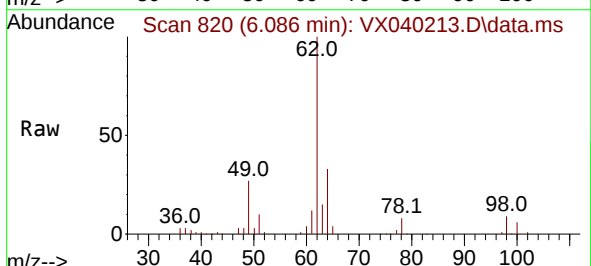
Reviewed By :John Carlone 02/15/2024

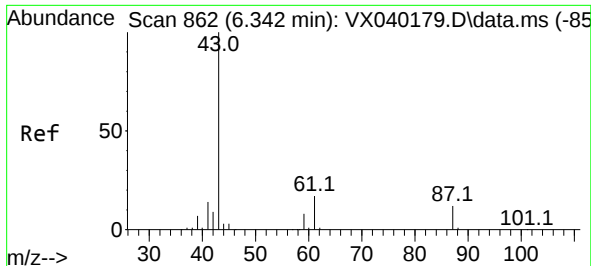
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 52.033 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 62 Resp: 69845
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.974 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11086

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

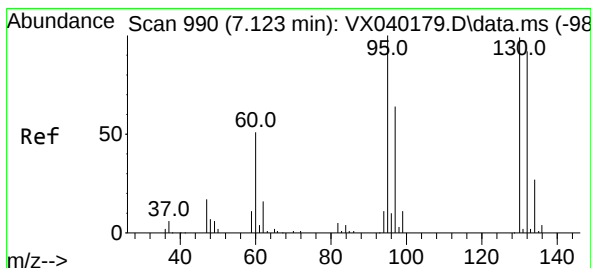
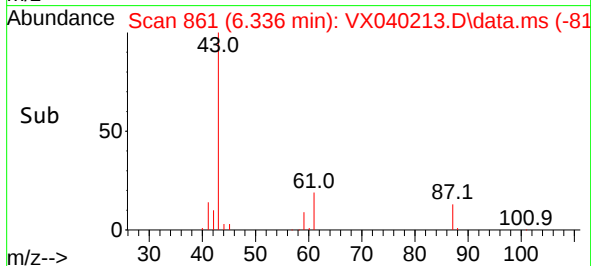
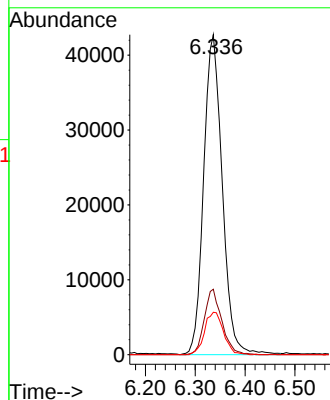
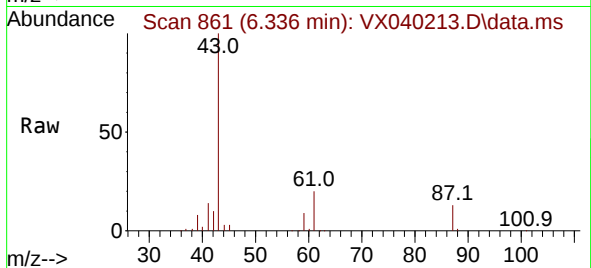
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#44

Trichloroethene

Concen: 50.419 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040213.D

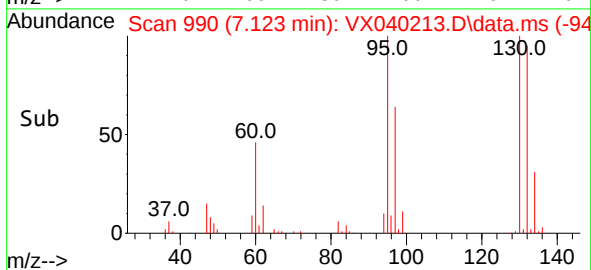
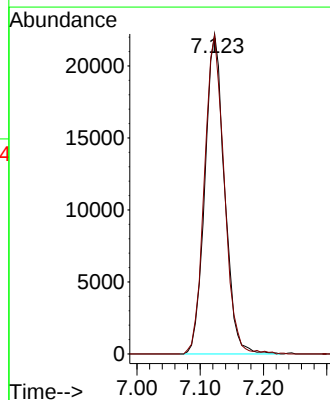
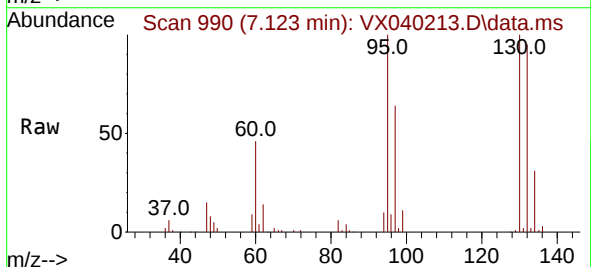
Acq: 14 Feb 2024 12:24

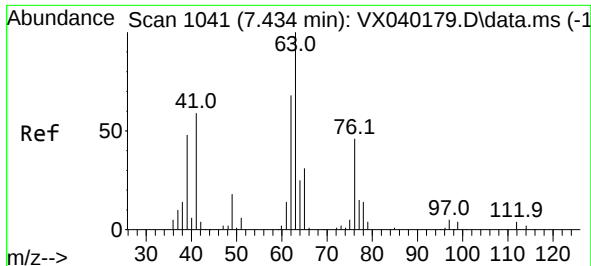
Tgt Ion:130 Resp: 47761

Ion Ratio Lower Upper

130 100

95 99.6 0.0 204.4





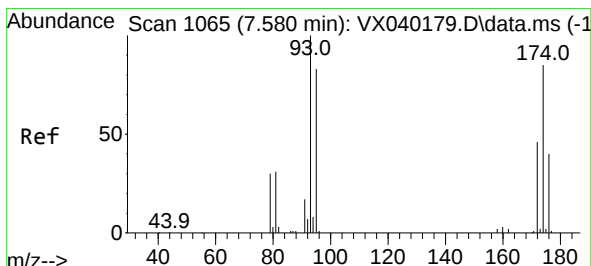
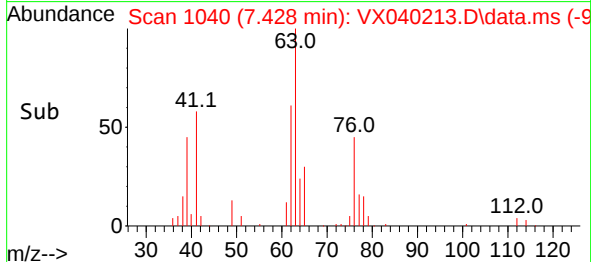
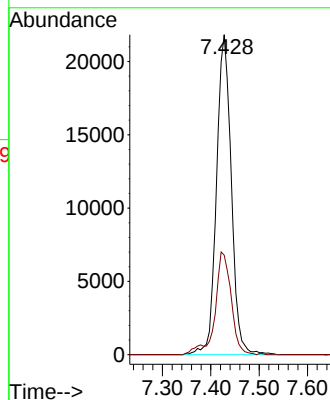
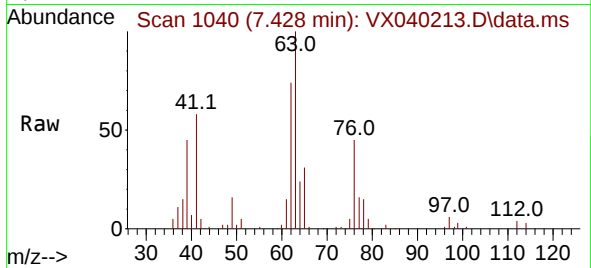
#45
1,2-Dichloropropane
Concen: 51.902 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 4639
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5

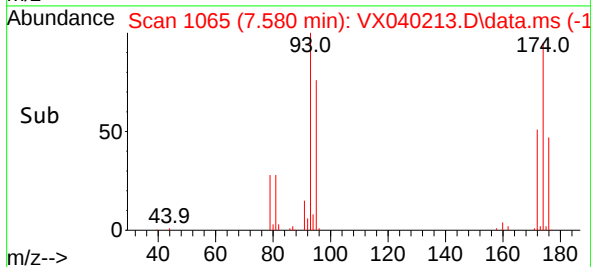
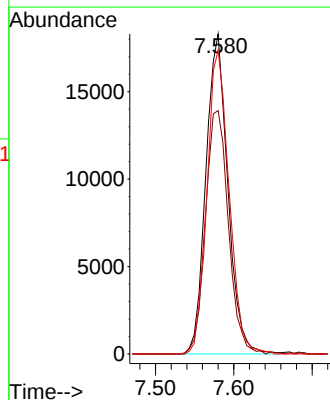
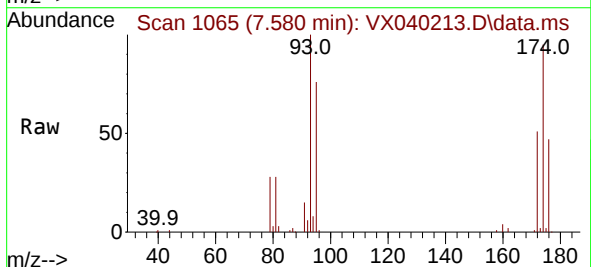
Manual Integrations
APPROVED

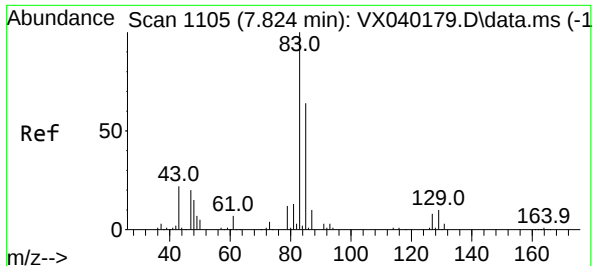
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#46
Dibromomethane
Concen: 53.977 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 93 Resp: 35534
Ion Ratio Lower Upper
93 100
95 79.7 66.6 100.0
174 95.3 69.4 104.0





#47
Bromodichloromethane
Concen: 54.282 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

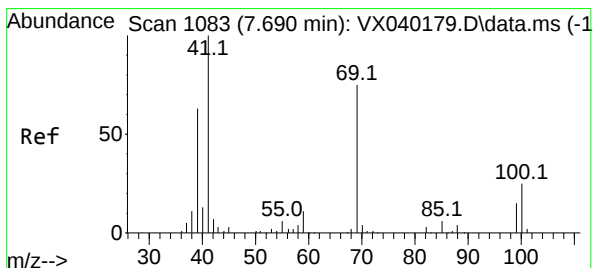
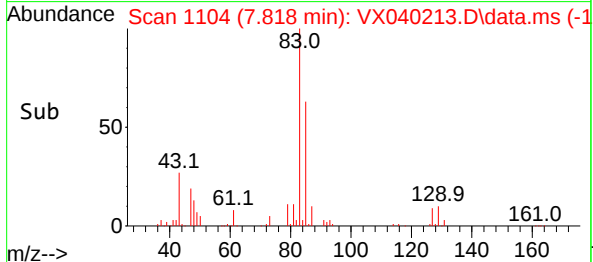
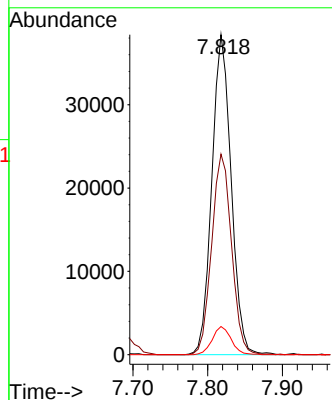
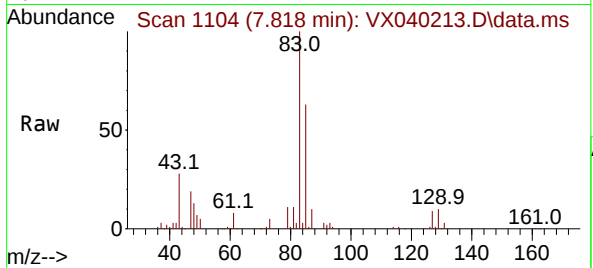
Tgt Ion: 83 Resp: 68854
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations

APPROVED

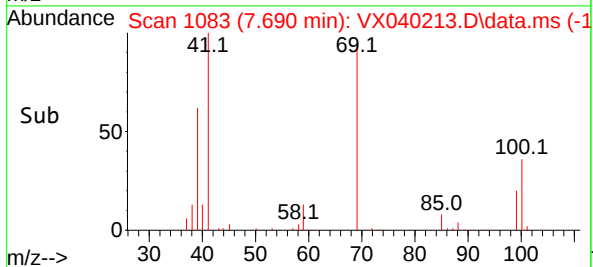
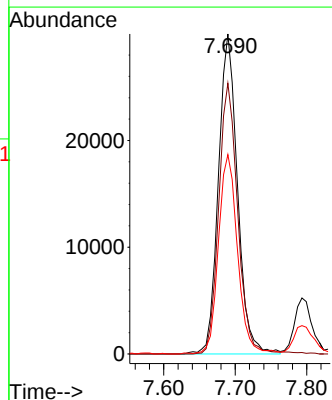
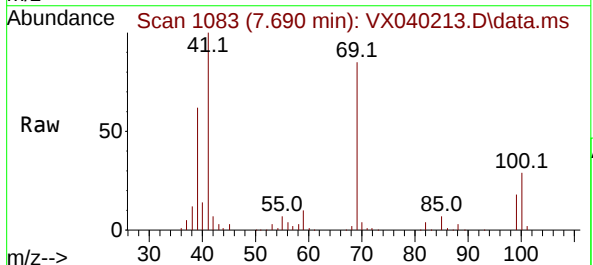
Reviewed By :John Carlone 02/15/2024

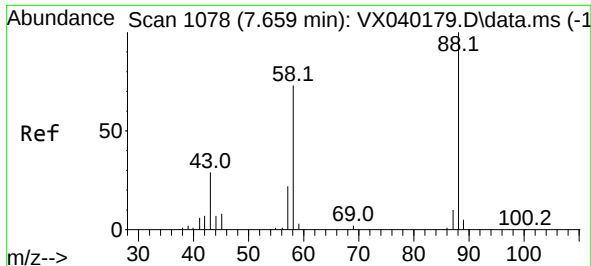
Supervised By :Mahesh Dadoda 02/15/2024



#48
Methyl methacrylate
Concen: 50.896 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 41 Resp: 55551
Ion Ratio Lower Upper
41 100
69 84.5 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 981.875 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

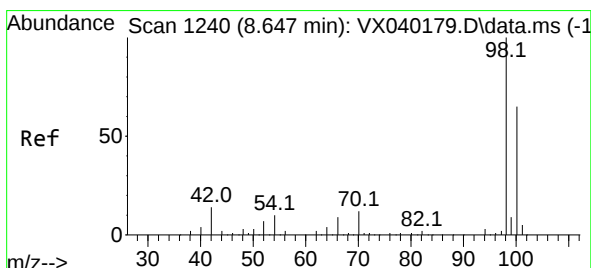
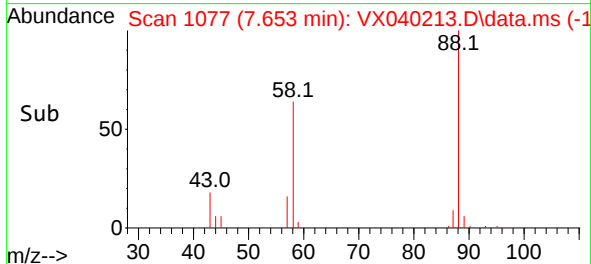
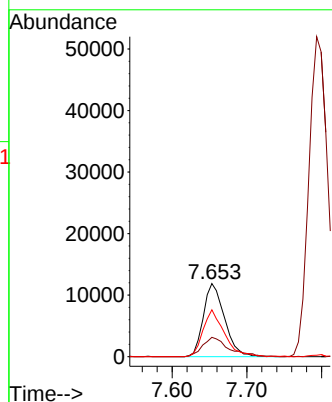
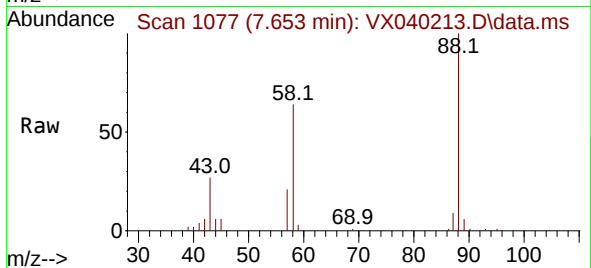
Tgt Ion: 88 Resp: 23314
 Ion Ratio Lower Upper
 88 100
 43 32.5 0.0 0.0
 58 64.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#50

Toluene-d8

Concen: 48.922 ug/l

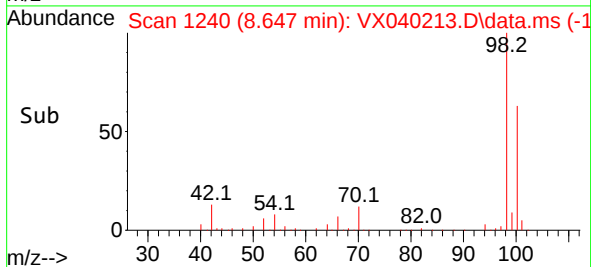
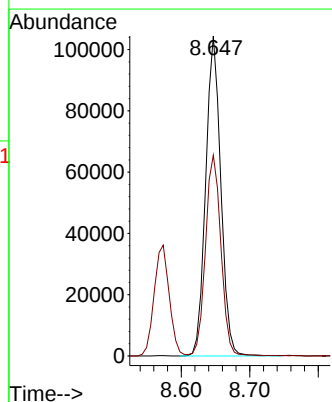
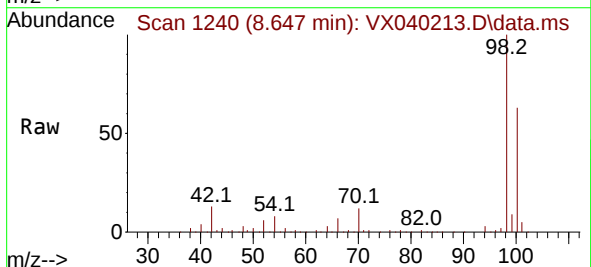
RT: 8.647 min Scan# 1240

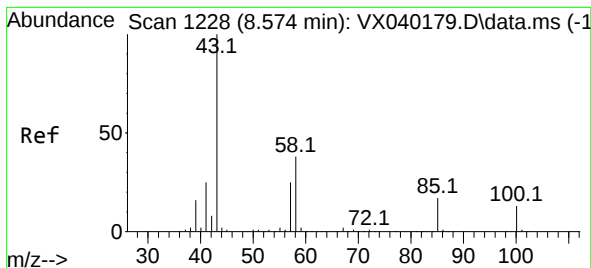
Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

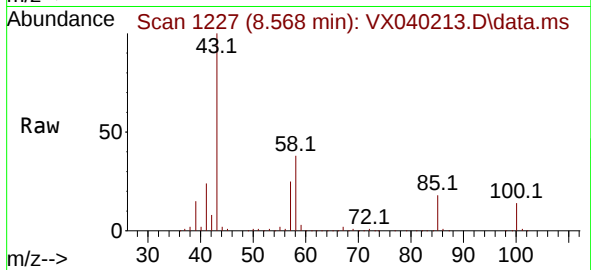
Tgt Ion: 98 Resp: 160431
 Ion Ratio Lower Upper
 98 100
 100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 257.123 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

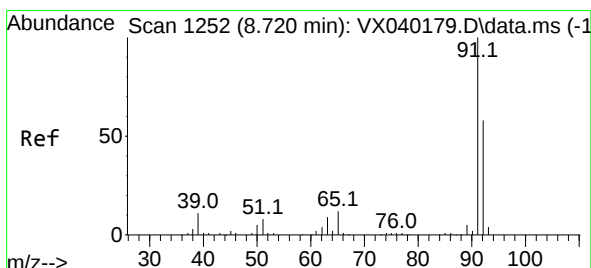
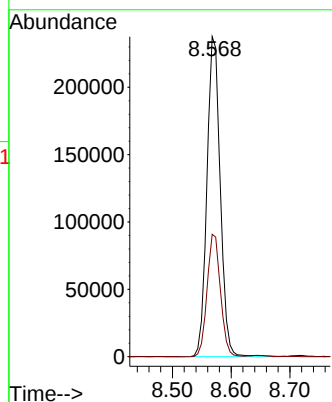
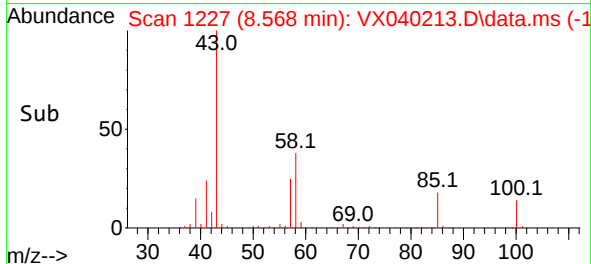
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



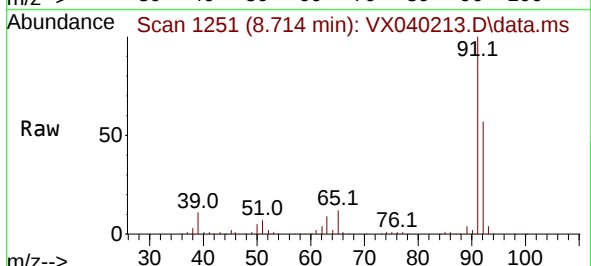
Tgt Ion: 43 Resp: 374460
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

Manual Integrations
APPROVED

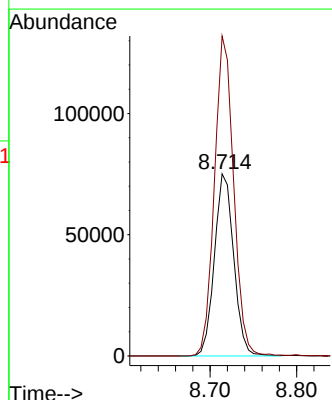
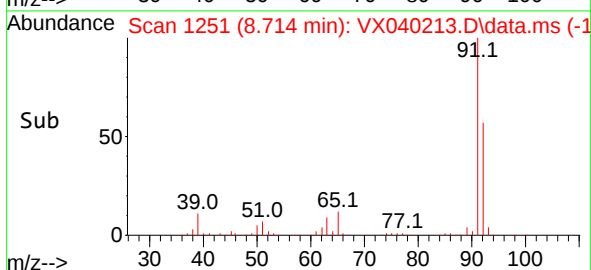
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

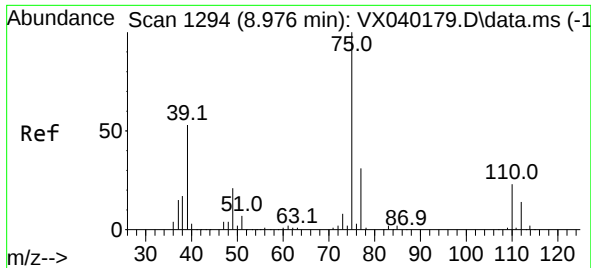


#52
Toluene
Concen: 51.656 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion: 92 Resp: 116196
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





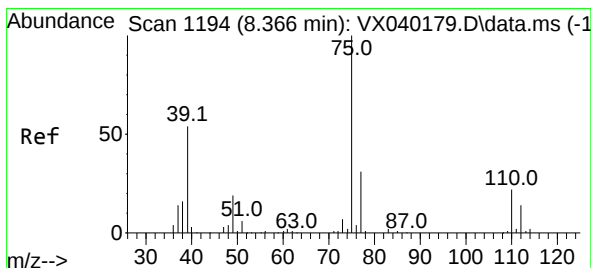
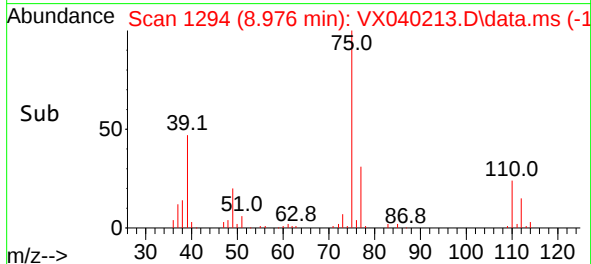
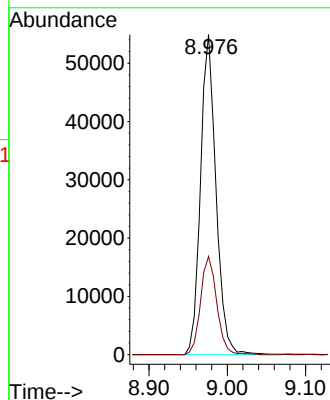
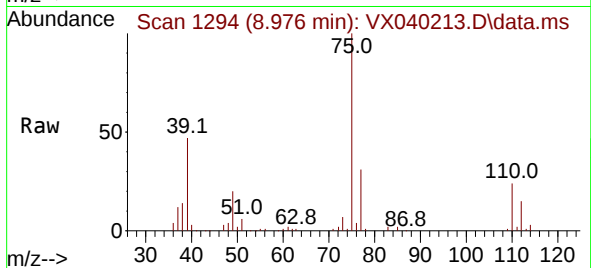
#53
t-1,3-Dichloropropene
Concen: 50.064 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7557
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

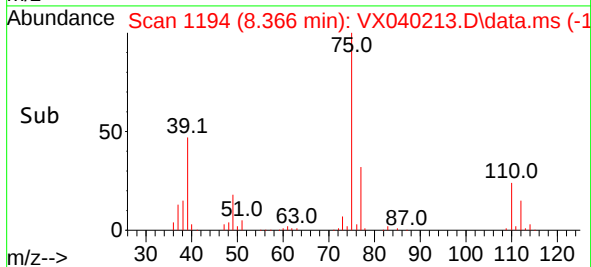
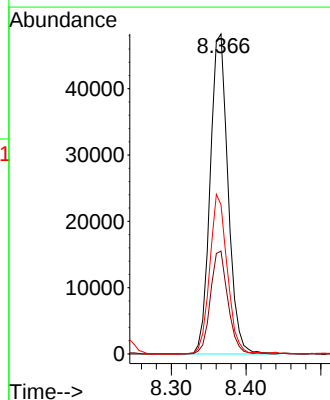
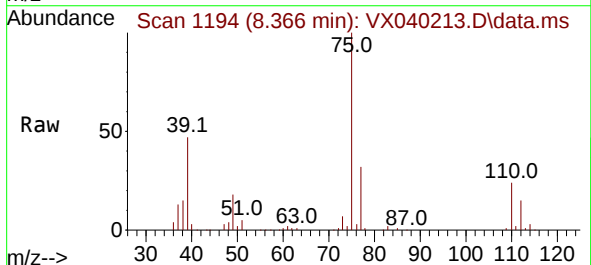
Manual Integrations
APPROVED

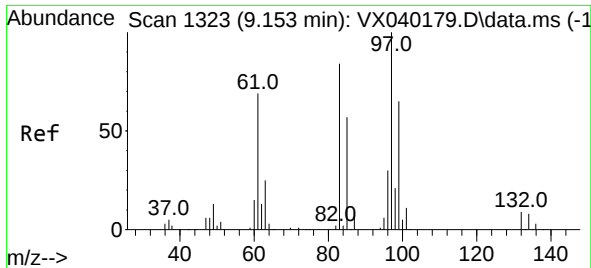
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#54
cis-1,3-Dichloropropene
Concen: 56.348 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 75 Resp: 80103
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 46.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 53.111 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

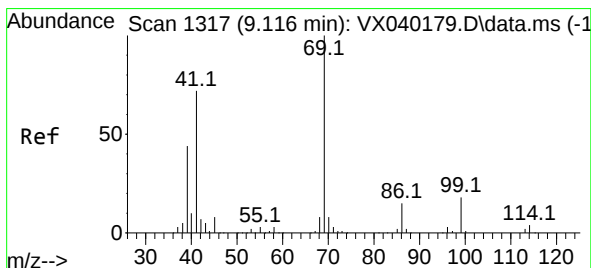
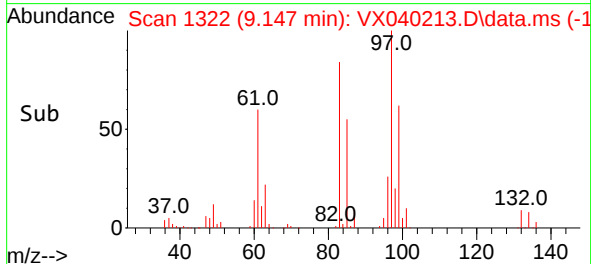
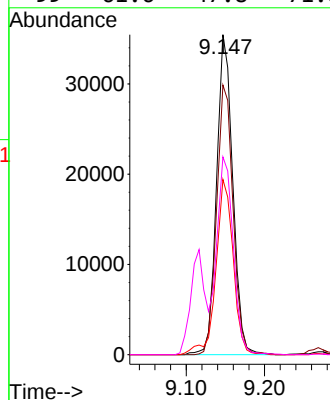
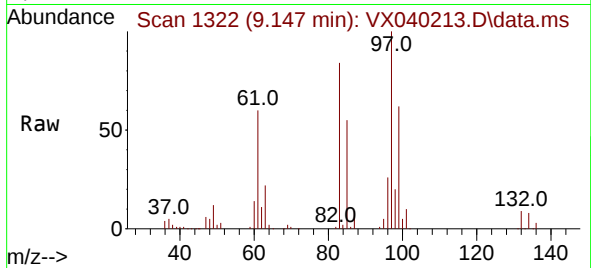
VSTDCCC050

Tgt Ion: 97	Resp: 5095
Ion Ratio	Lower Upper
97 100	
83 84.3	65.8 98.8
85 54.7	41.6 62.4
99 61.6	47.8 71.8

Manual Integrations

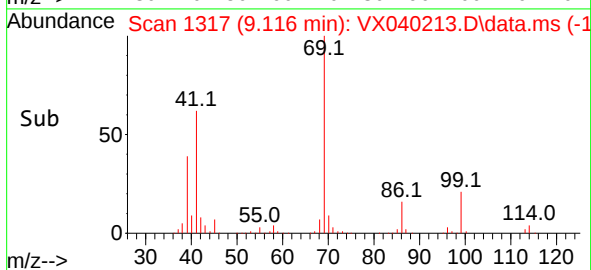
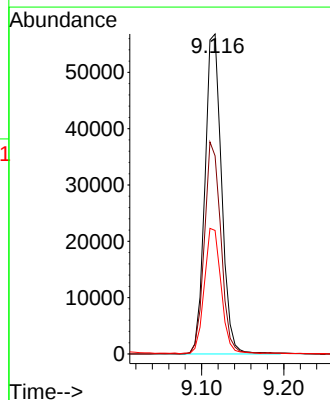
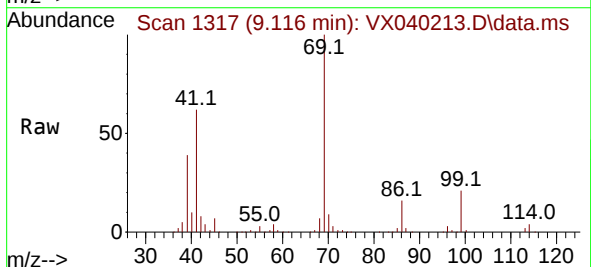
APPROVED

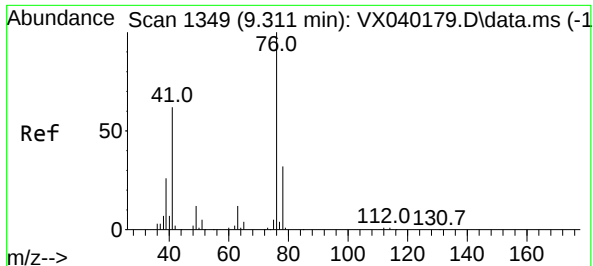
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#56
Ethyl methacrylate
Concen: 55.553 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 69	Resp: 79790
Ion Ratio	Lower Upper
69 100	
41 65.8	56.8 85.2
39 39.5	32.0 48.0





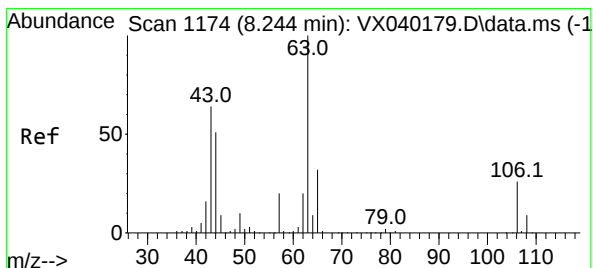
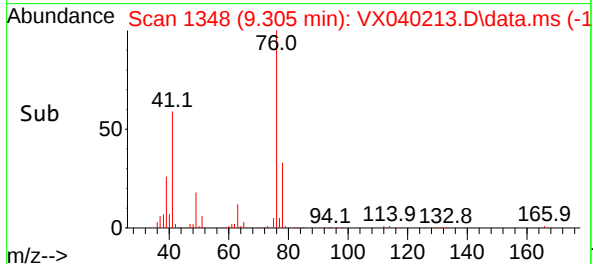
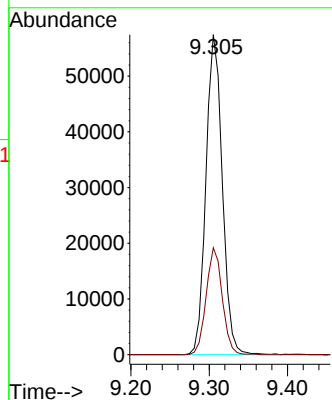
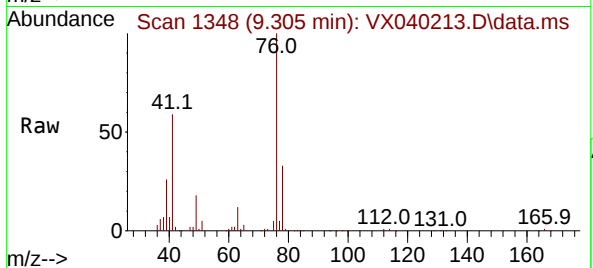
#57
1,3-Dichloropropane
Concen: 53.105 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 8316
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

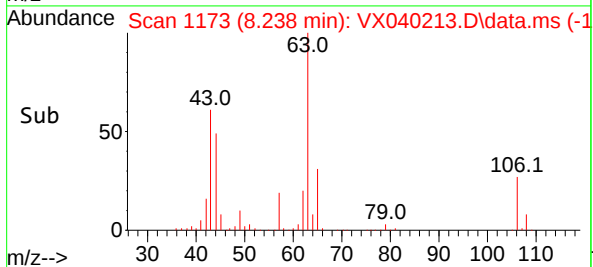
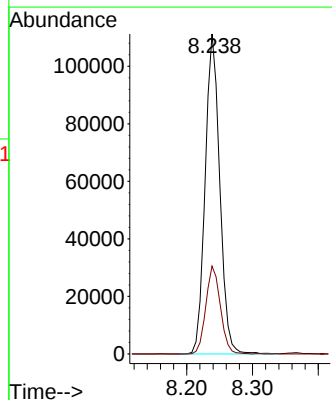
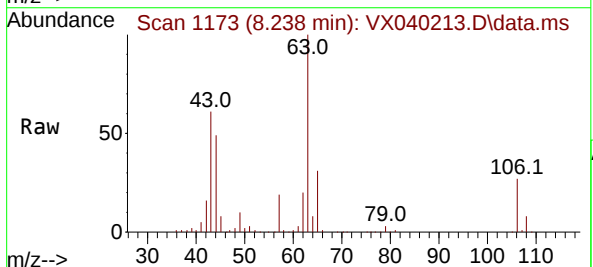
Manual Integrations
APPROVED

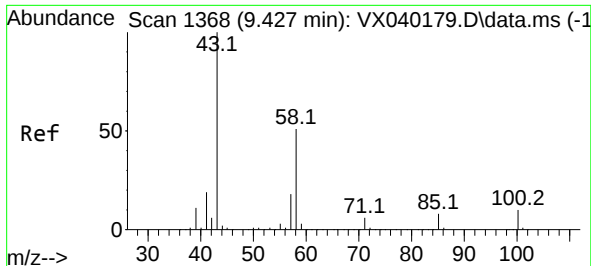
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 252.959 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 63 Resp: 171872
Ion Ratio Lower Upper
63 100
106 27.3 22.5 33.7





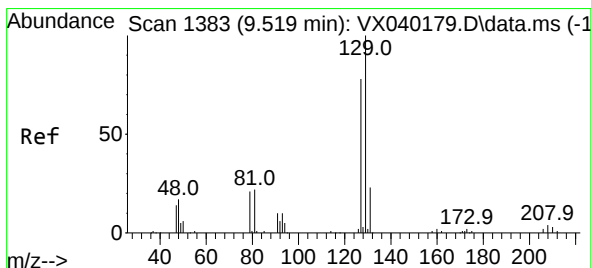
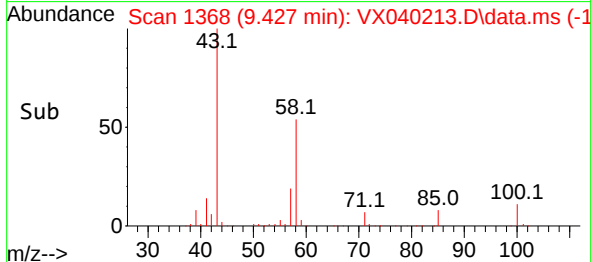
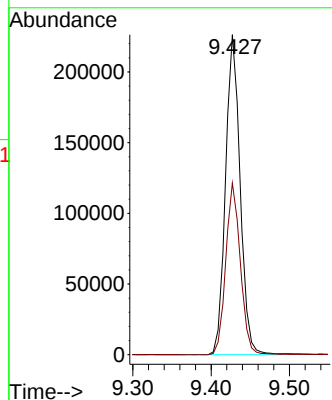
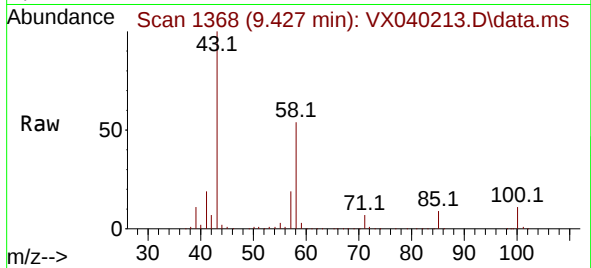
#59
2-Hexanone
Concen: 254.395 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29374
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5

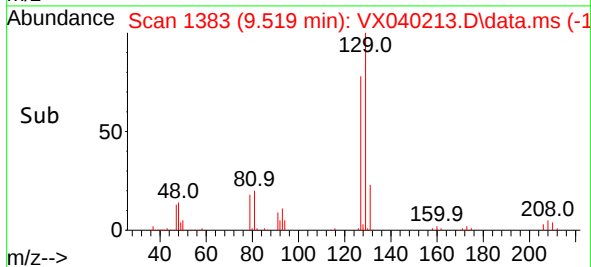
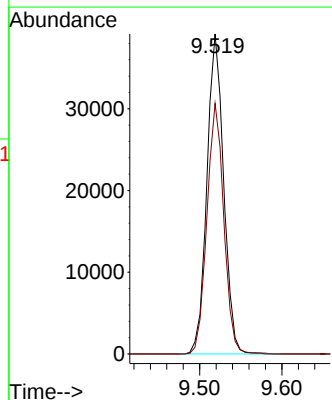
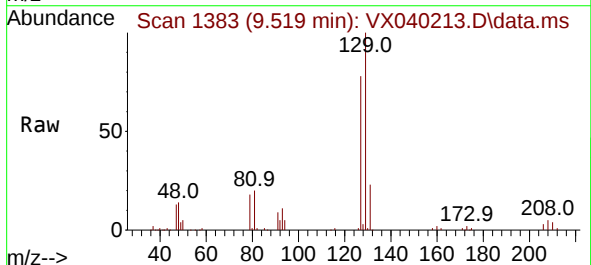
Manual Integrations
APPROVED

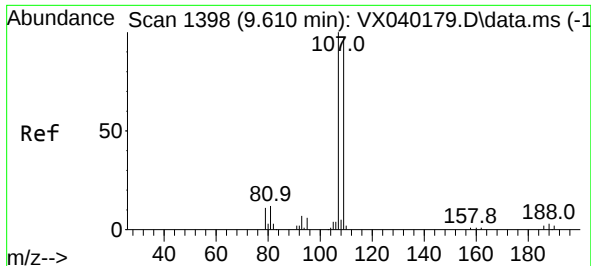
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#60
Dibromochloromethane
Concen: 56.605 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:129 Resp: 55329
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





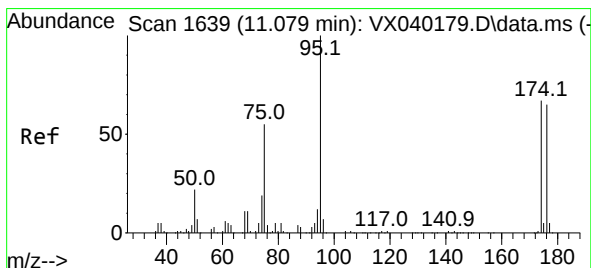
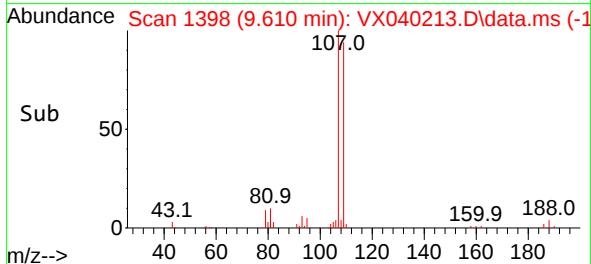
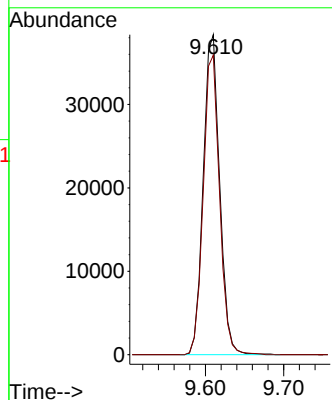
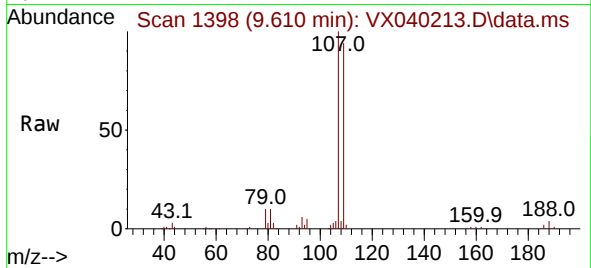
#61
1,2-Dibromoethane
Concen: 54.644 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 55720
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

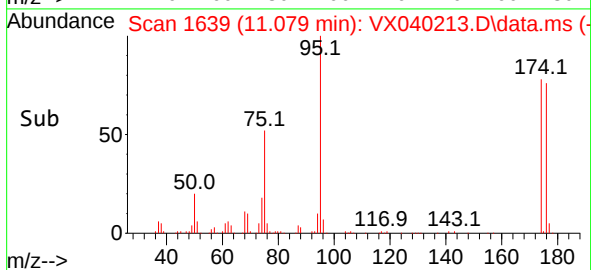
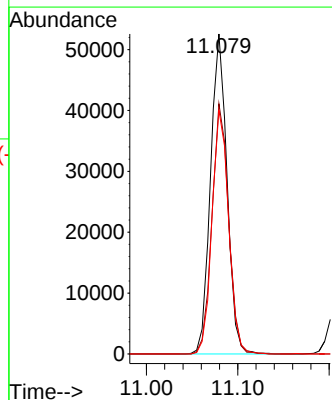
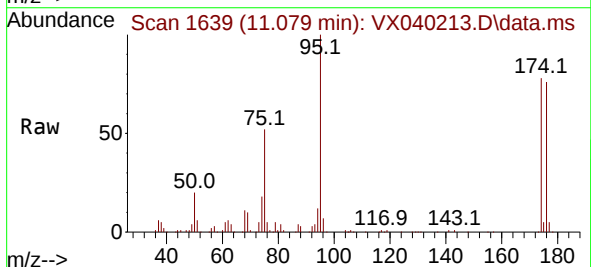
Manual Integrations
APPROVED

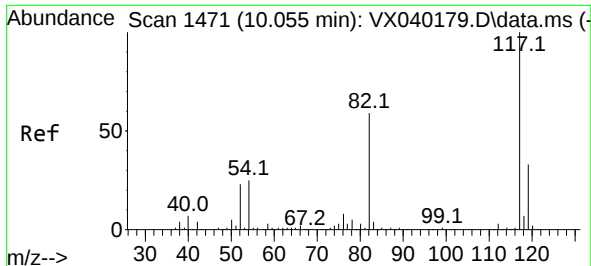
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

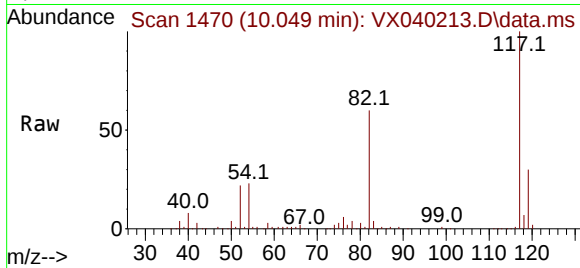
Tgt Ion: 95 Resp: 65722
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 76.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

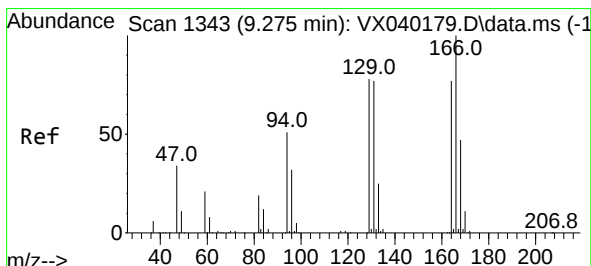
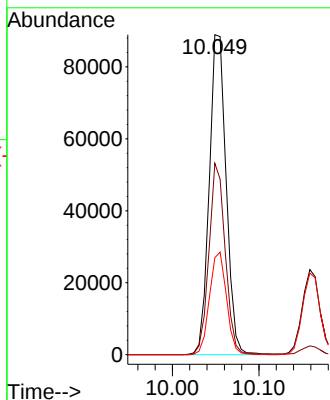
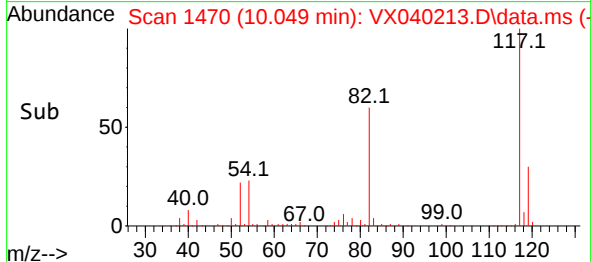
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 12085
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 30.3 25.5 38.3

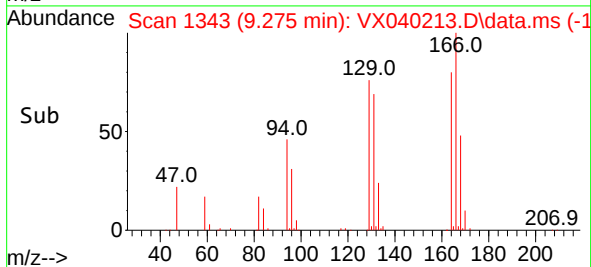
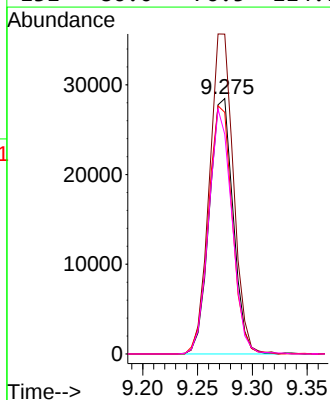
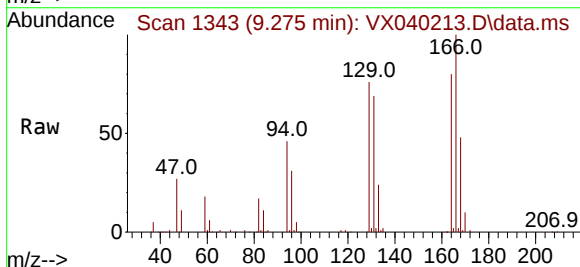
Manual Integrations
APPROVED

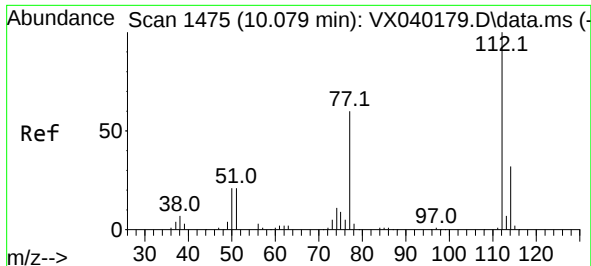
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#64
Tetrachloroethene
Concen: 50.443 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

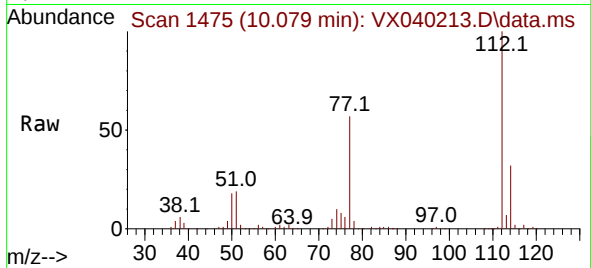
Tgt Ion:164 Resp: 42721
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 94.6 80.4 120.6
131 86.0 76.5 114.7





#65
Chlorobenzene
Concen: 51.245 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

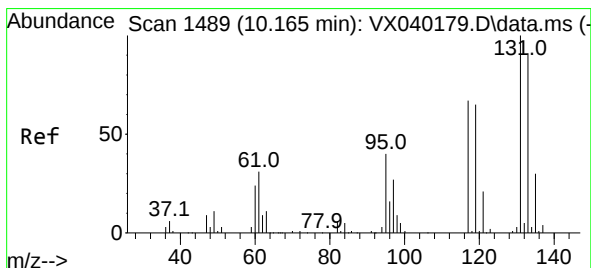
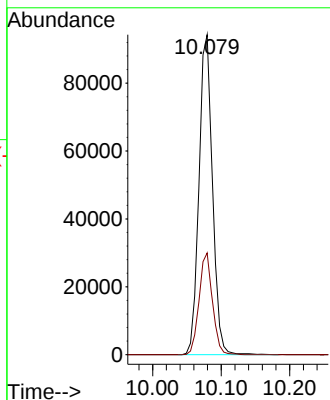
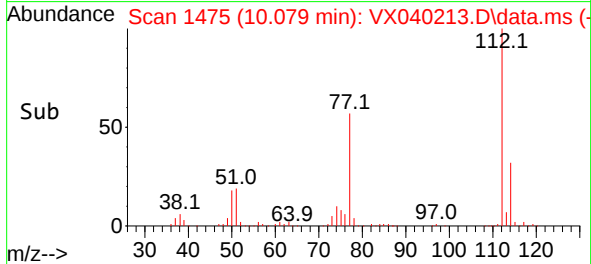
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 12925
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

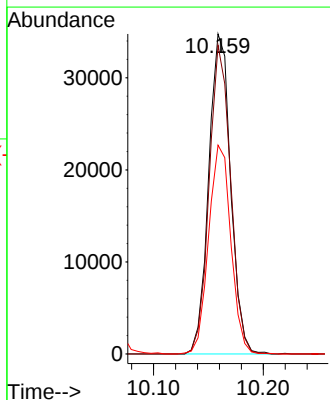
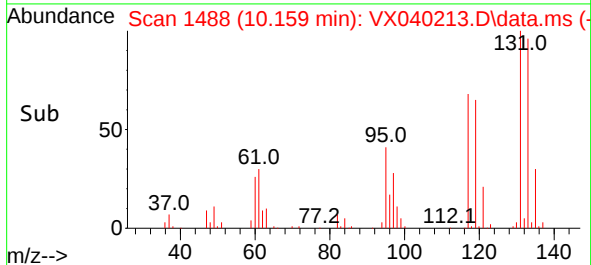
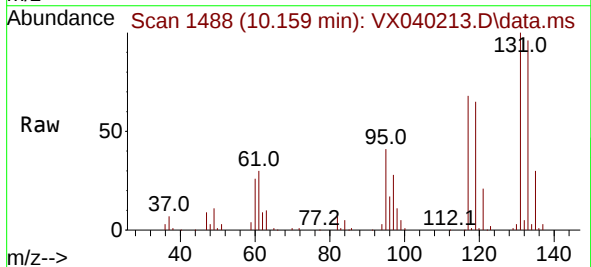
Manual Integrations
APPROVED

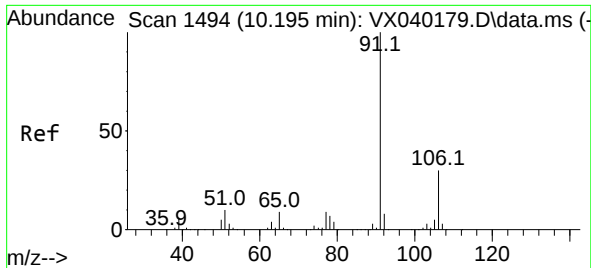
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.334 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

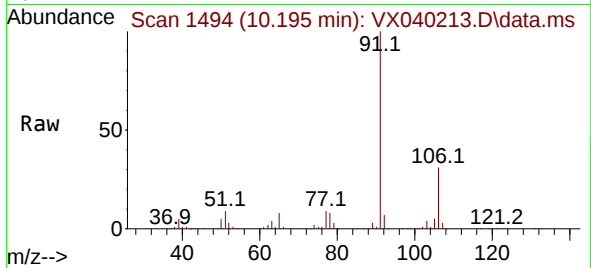
Tgt Ion:131 Resp: 48338
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 52.905 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

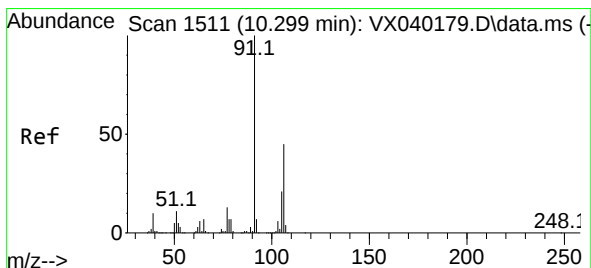
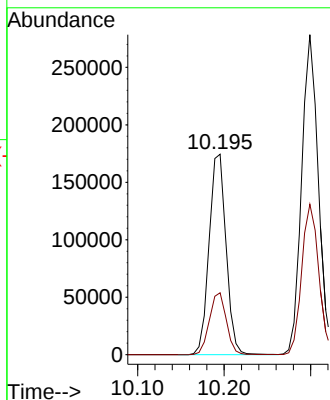
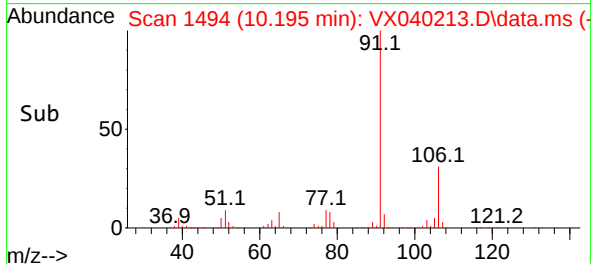
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



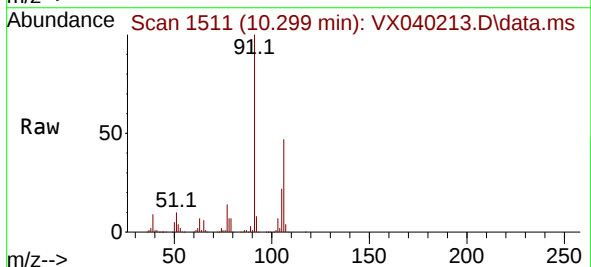
Tgt Ion: 91 Resp: 237659
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

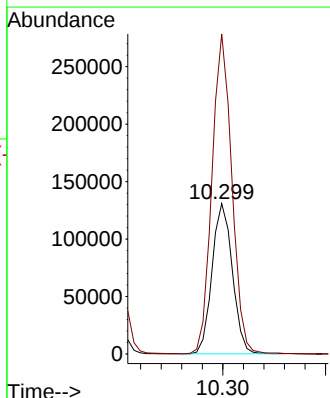
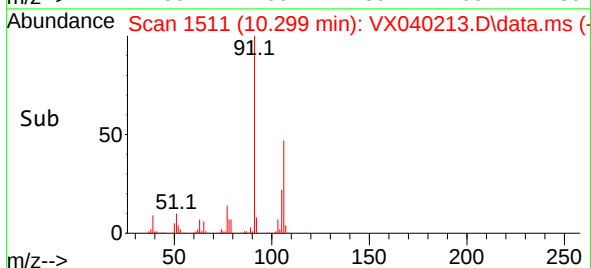
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

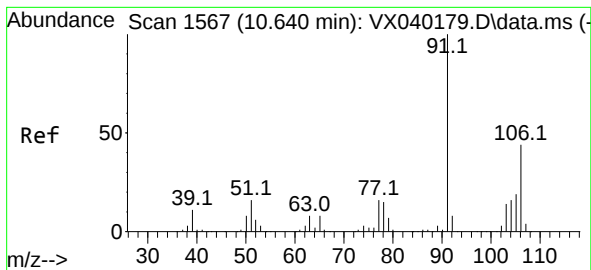


#68
m/p-Xylenes
Concen: 105.601 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion:106 Resp: 179162
Ion Ratio Lower Upper
106 100
91 208.5 165.5 248.3





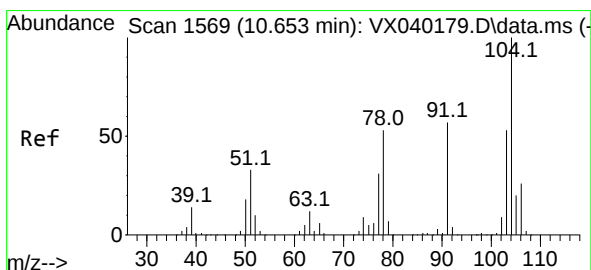
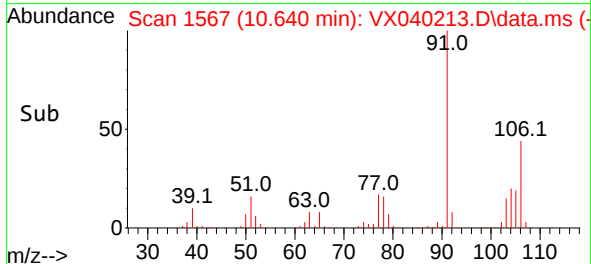
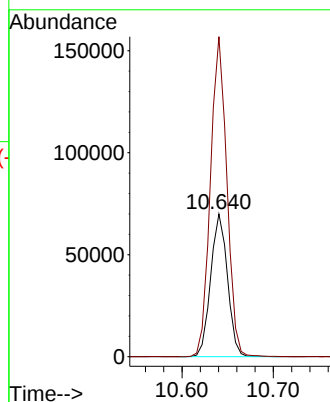
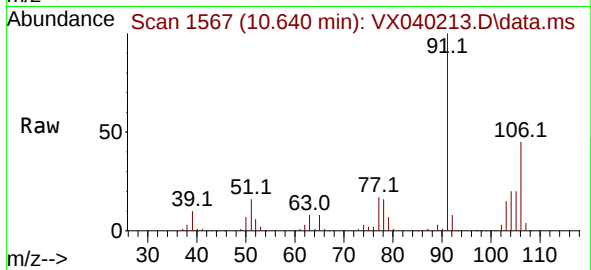
#69
o-Xylene
Concen: 54.021 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 89064
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.8

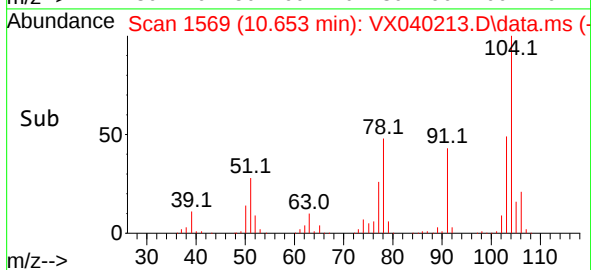
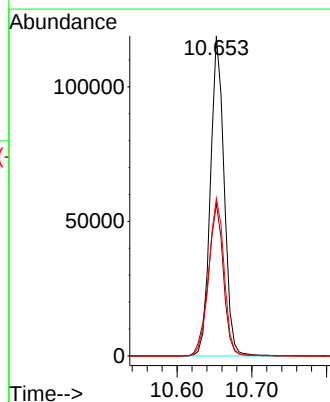
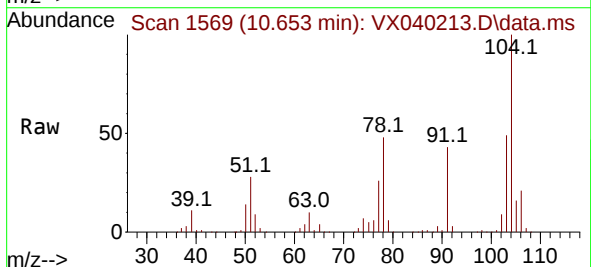
Manual Integrations
APPROVED

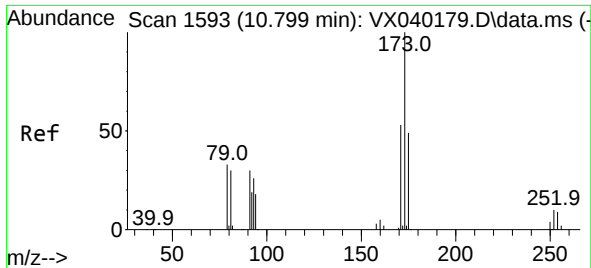
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#70
Styrene
Concen: 55.410 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:104 Resp: 151884
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 55.2 43.6 65.4





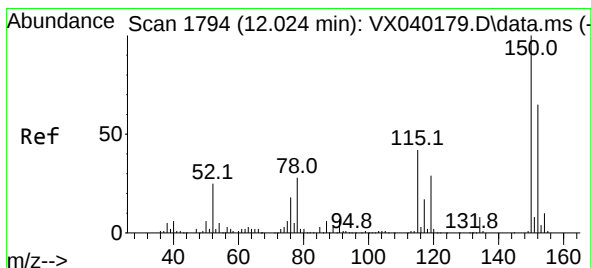
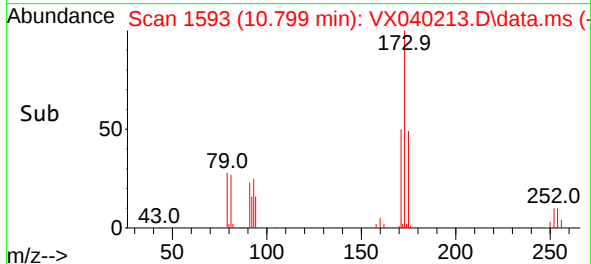
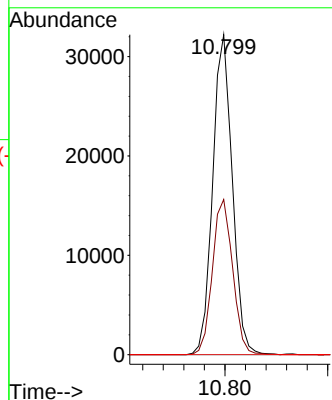
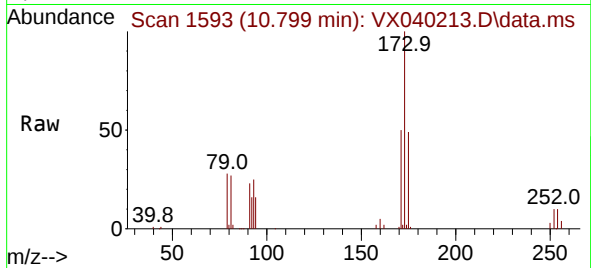
#71
Bromoform
Concen: 51.836 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 4258
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.4
254 0.0 0.0 0.0

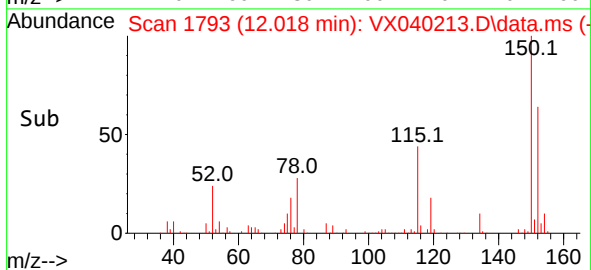
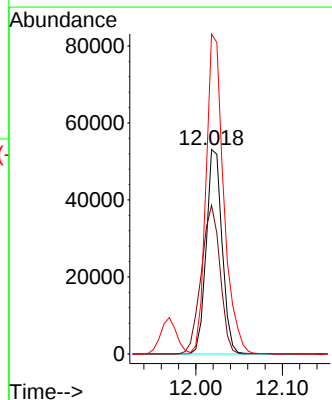
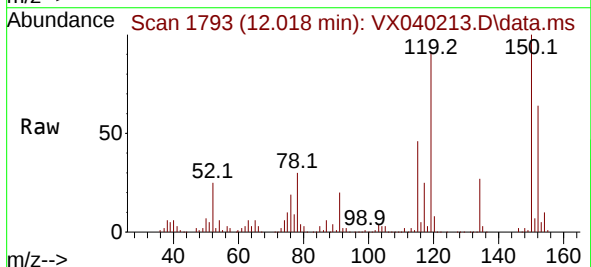
Manual Integrations
APPROVED

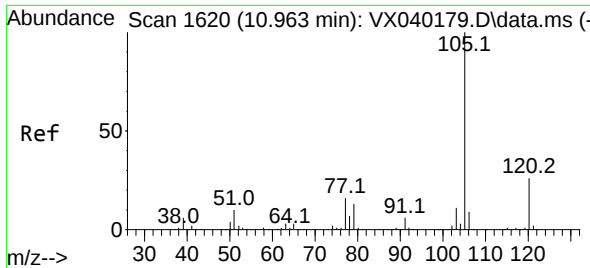
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:152 Resp: 67405
Ion Ratio Lower Upper
152 100
115 86.4 43.3 129.9
150 174.4 0.0 345.0





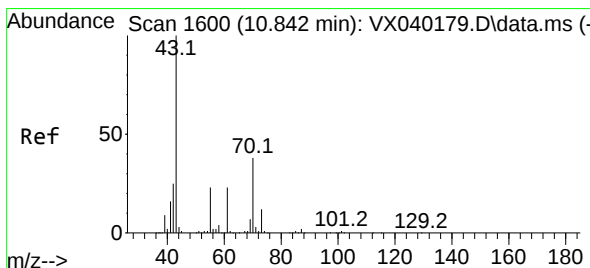
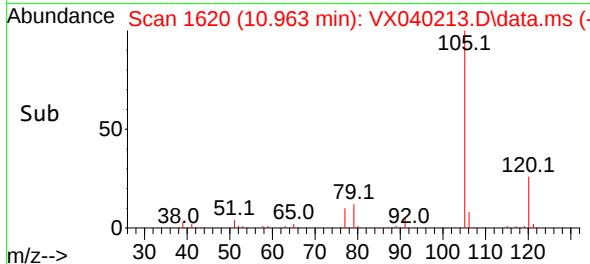
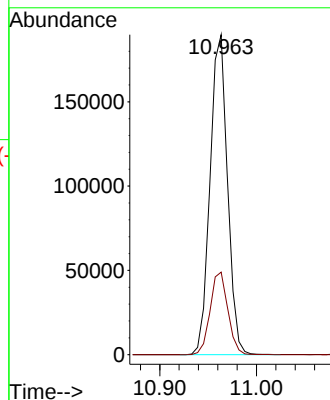
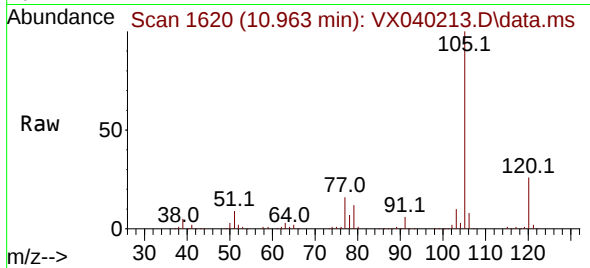
#73
Isopropylbenzene
Concen: 50.151 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 23809
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

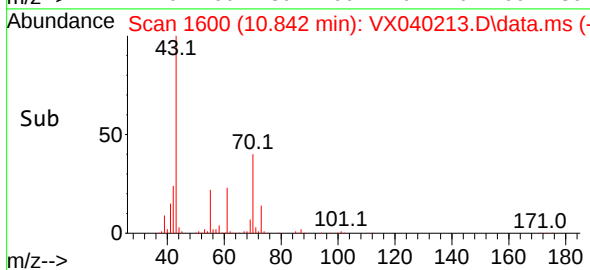
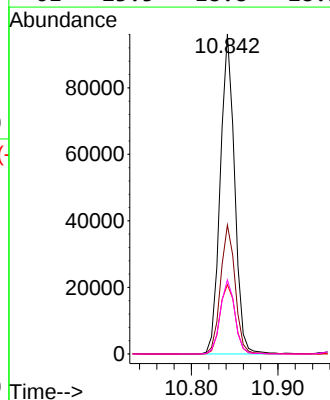
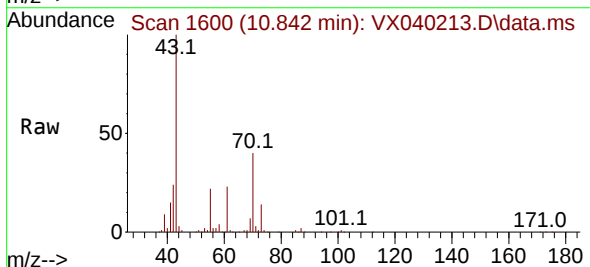
Manual Integrations
APPROVED

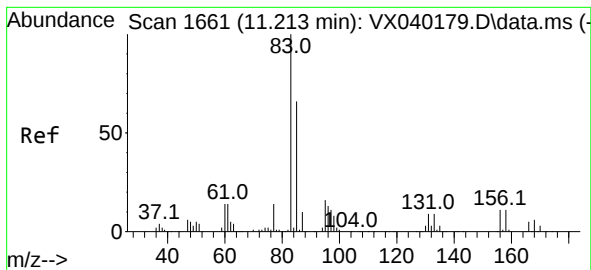
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#74
N-ethyl acetate
Concen: 54.337 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 43 Resp: 110576
Ion Ratio Lower Upper
43 100
70 41.0 32.9 49.3
55 23.0 19.3 28.9
61 23.5 18.8 28.2





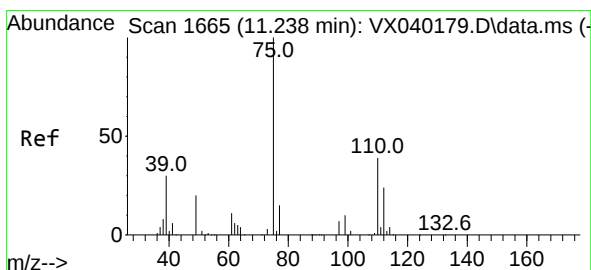
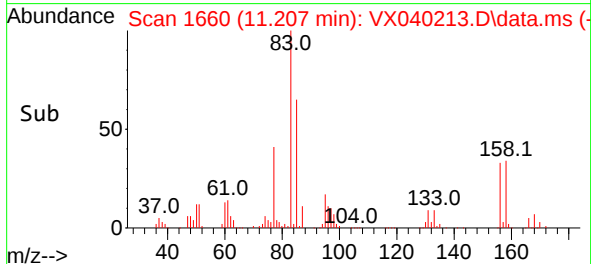
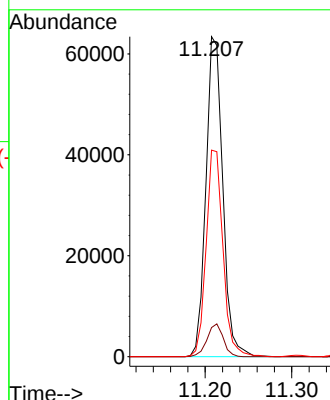
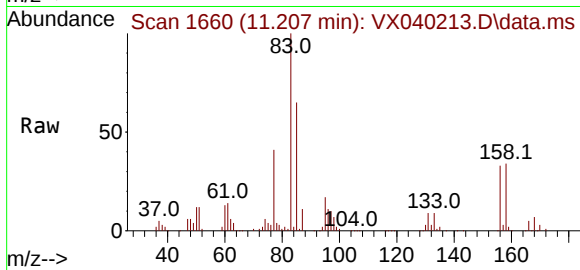
#75
1,1,2,2-Tetrachloroethane
Concen: 50.247 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 85704
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.5 32.0 96.2

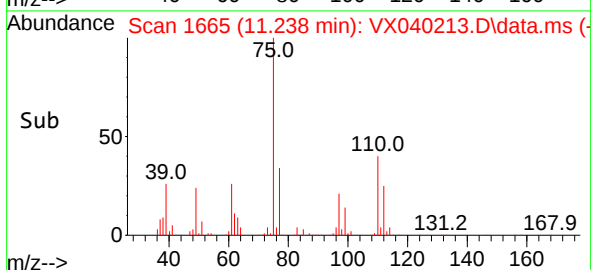
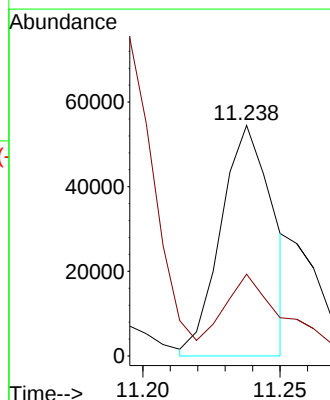
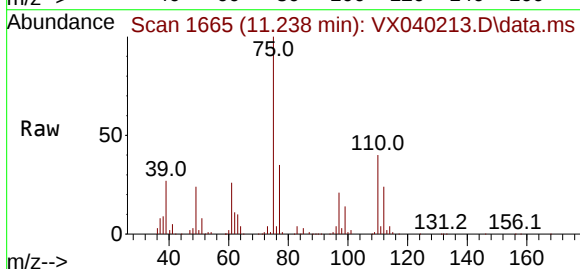
Manual Integrations
APPROVED

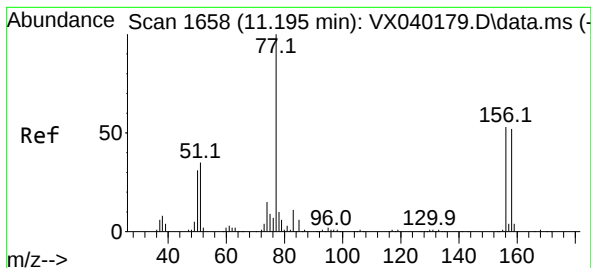
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#76
1,2,3-Trichloropropane
Concen: 52.470 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 75 Resp: 71621
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 52.325 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

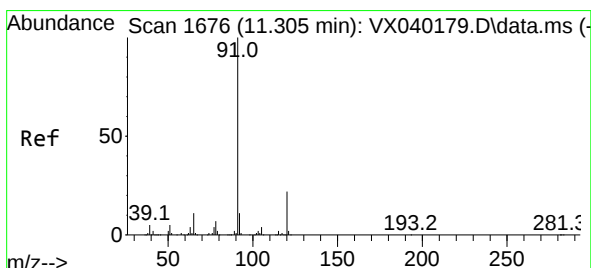
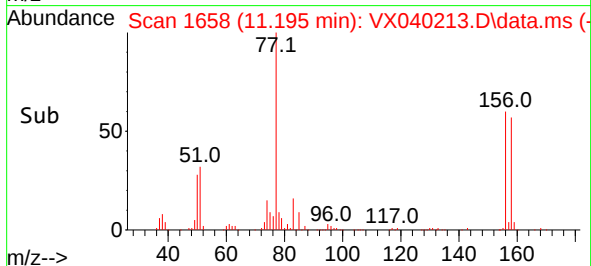
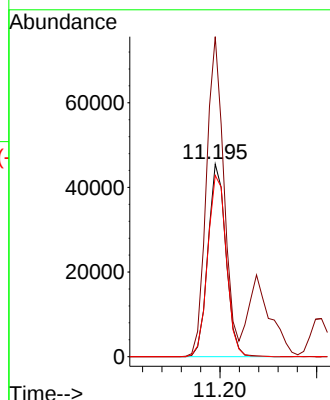
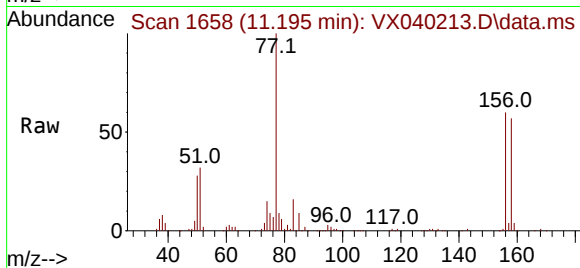
Tgt Ion:	156	Resp:	58672
Ion Ratio	Lower	Upper	
156	100		
77	162.7	88.4	265.3
158	98.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#78

n-propylbenzene

Concen: 50.481 ug/l

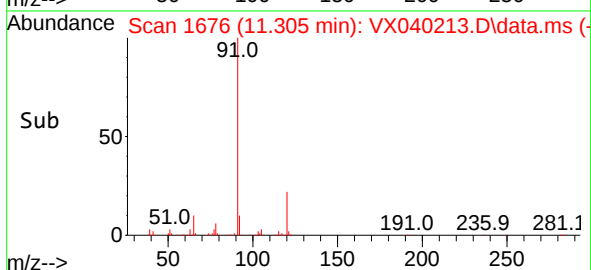
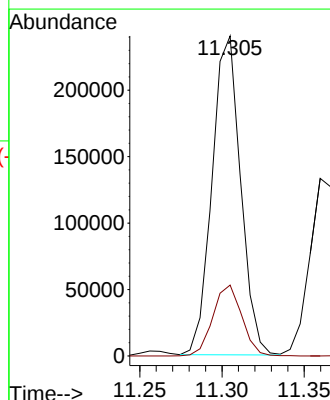
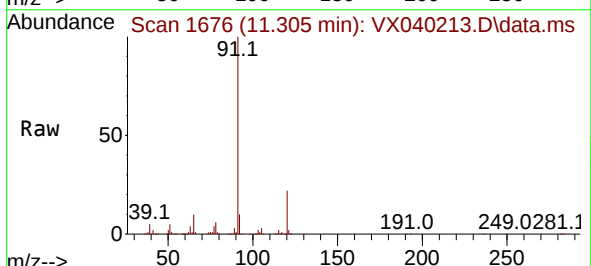
RT: 11.305 min Scan# 1676

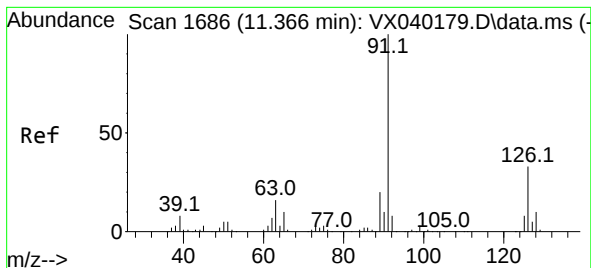
Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion:	91	Resp:	290153
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 49.651 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 172328

Ion Ratio Lower Upper

91 100

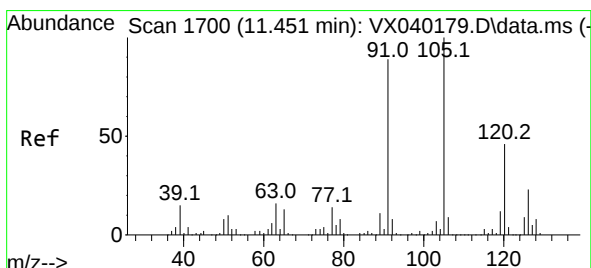
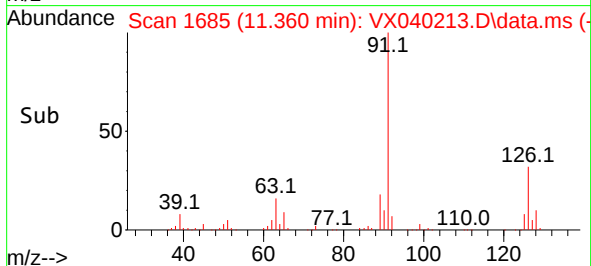
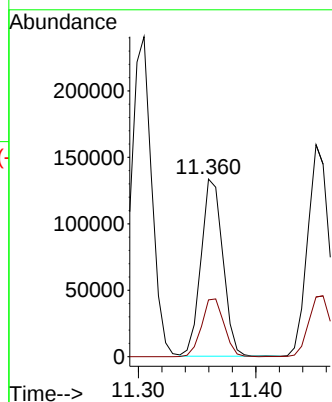
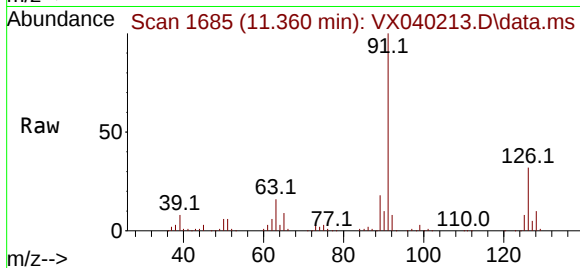
126 33.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.792 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040213.D

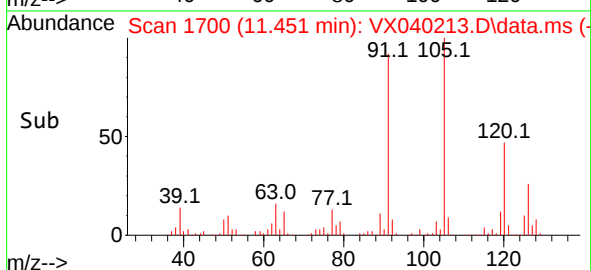
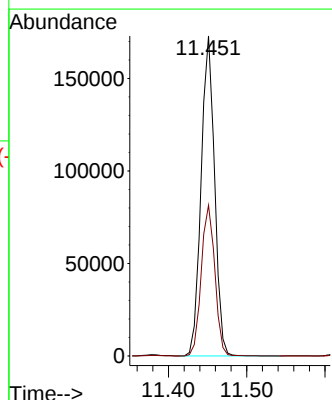
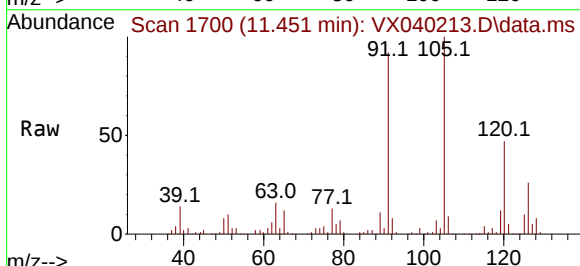
Acq: 14 Feb 2024 12:24

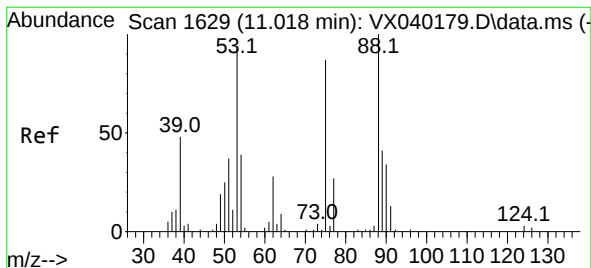
Tgt Ion:105 Resp: 207007

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3





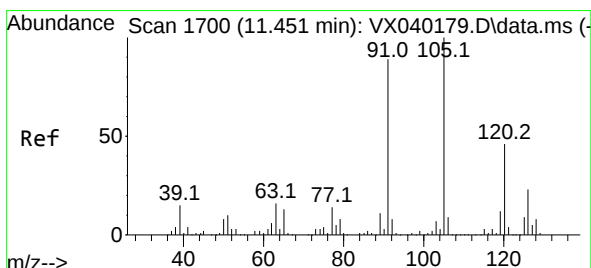
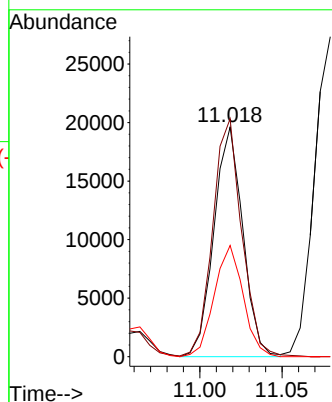
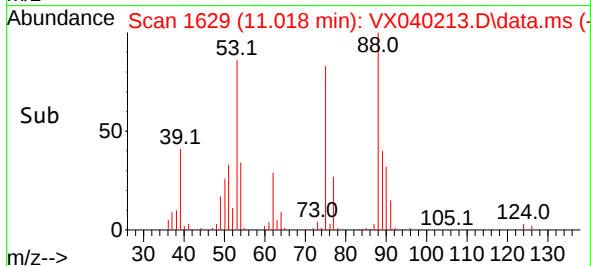
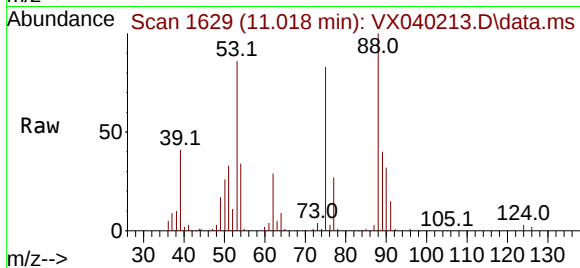
#81
trans-1,4-Dichloro-2-butene
Concen: 49.279 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2392
Ion Ratio Lower Upper
75 100
53 104.3 90.5 135.7
89 48.4 36.9 55.3

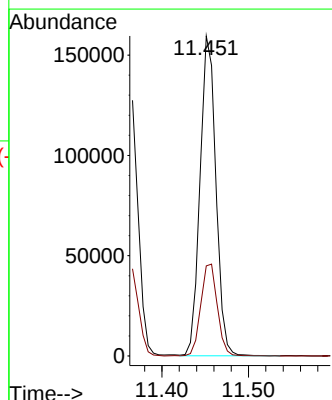
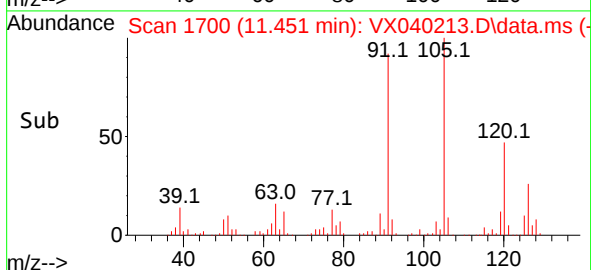
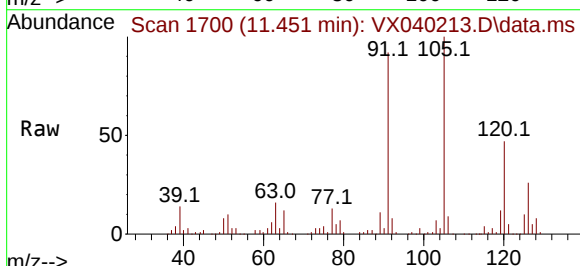
Manual Integrations
APPROVED

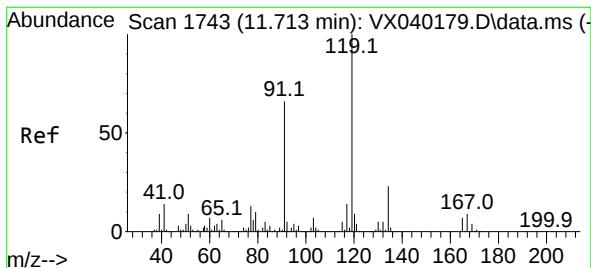
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 49.411 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 91 Resp: 203196
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.976 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 199750

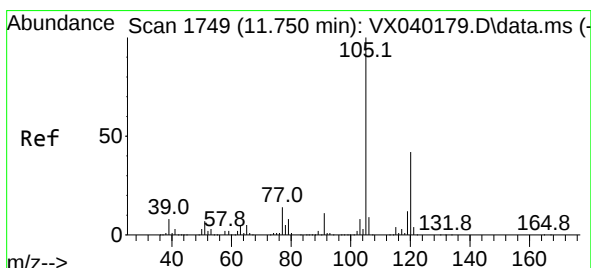
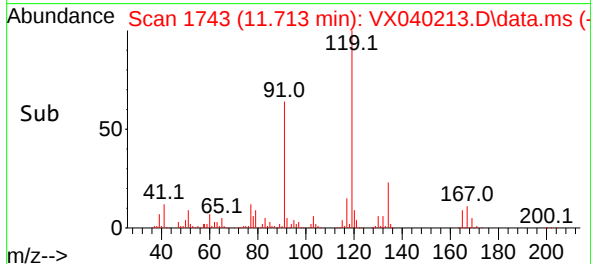
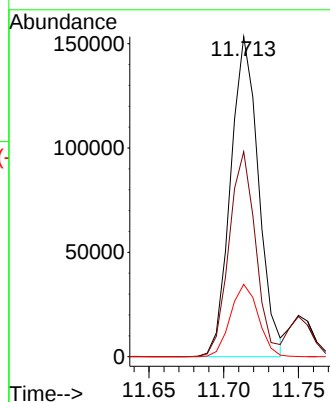
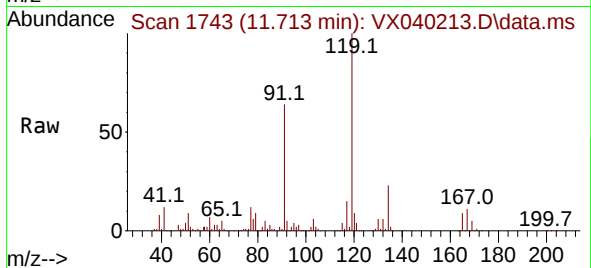
Ion	Ratio	Lower	Upper
119	100		
91	61.3	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.337 ug/l

RT: 11.750 min Scan# 1749

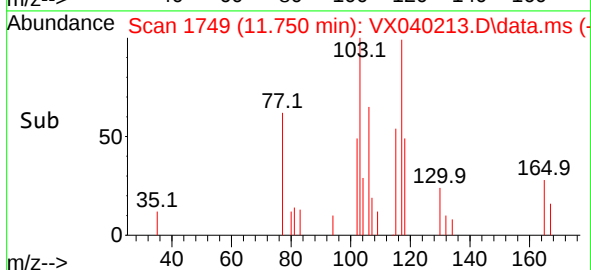
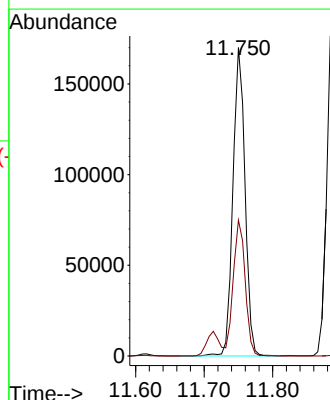
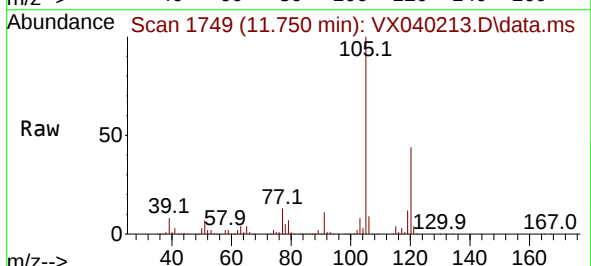
Delta R.T. 0.000 min

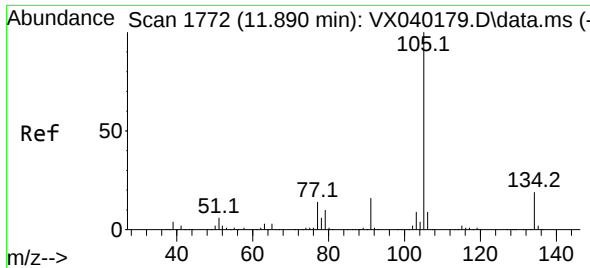
Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion:105 Resp: 207589

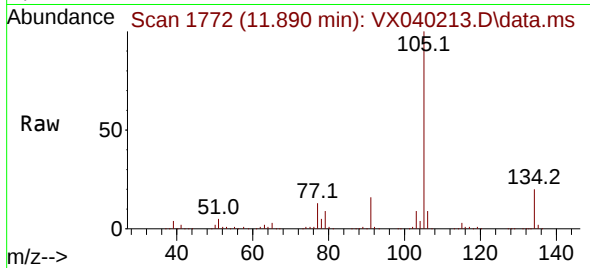
Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.2	63.6





#85
sec-Butylbenzene
Concen: 51.424 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

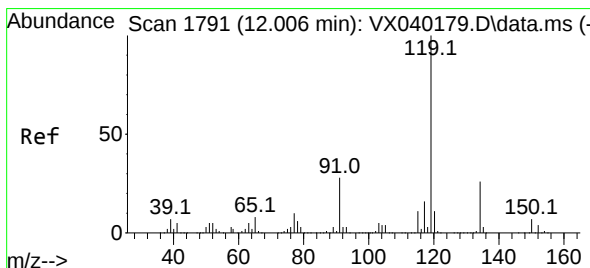
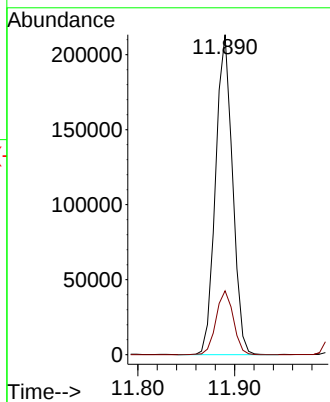
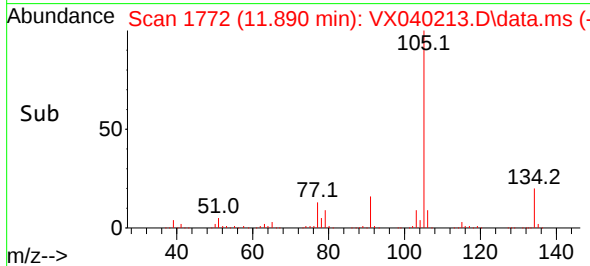
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



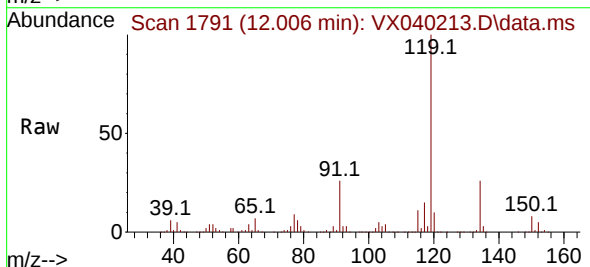
Tgt Ion:105 Resp: 25896
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.4

Manual Integrations
APPROVED

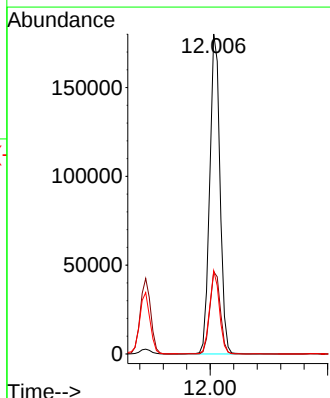
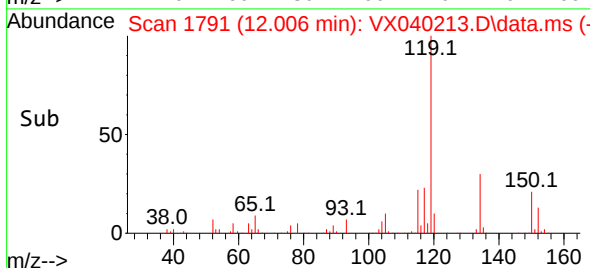
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

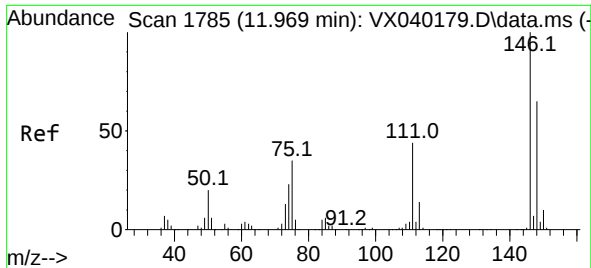


#86
p-Isopropyltoluene
Concen: 52.916 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion:119 Resp: 218441
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.656 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 116988

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

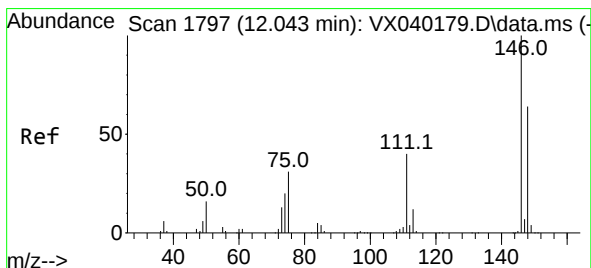
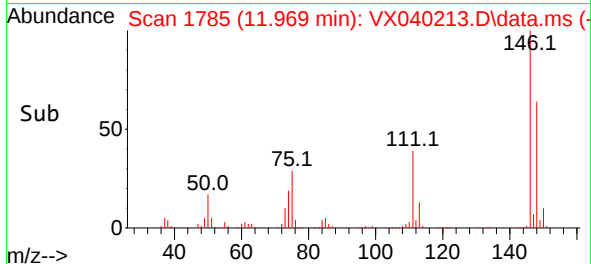
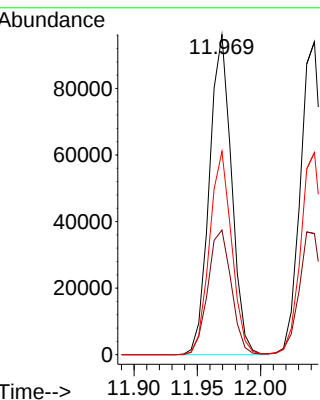
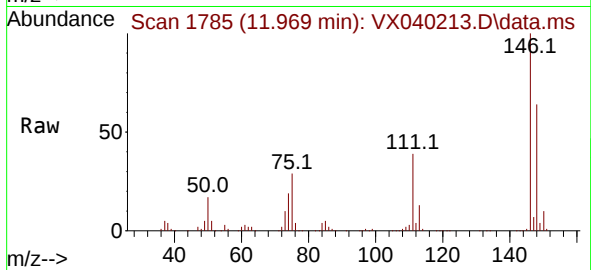
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#88

1,4-Dichlorobenzene

Concen: 49.712 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

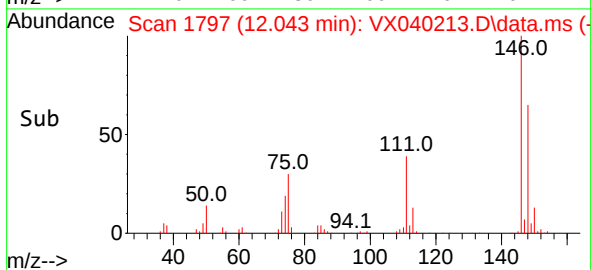
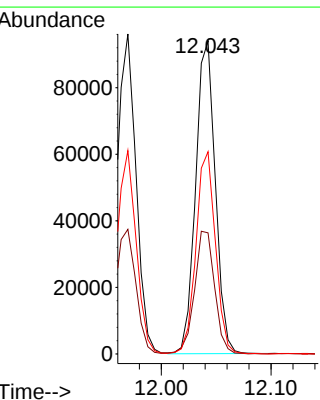
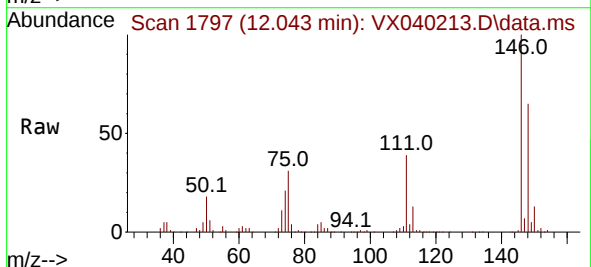
Tgt Ion:146 Resp: 116953

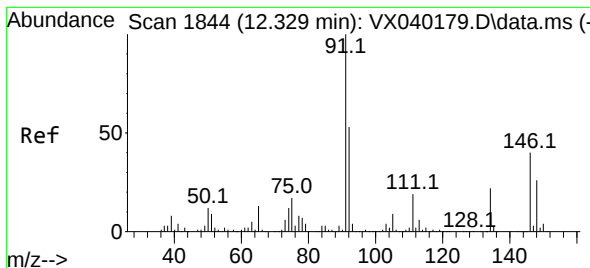
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 51.089 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 203580

Ion Ratio Lower Upper

91 100

92 52.0 27.4 82.0

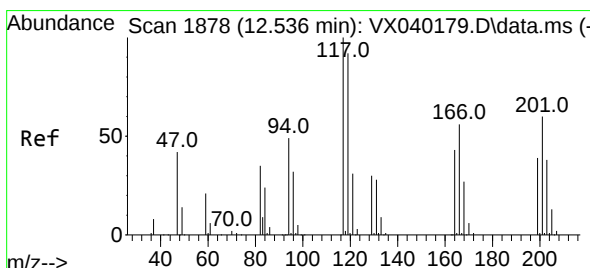
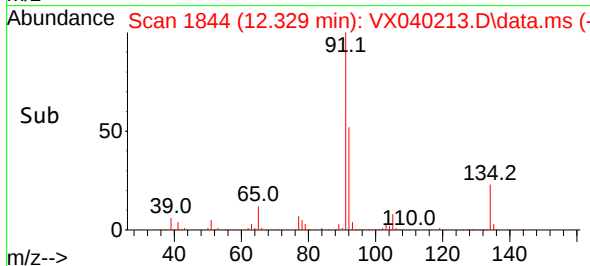
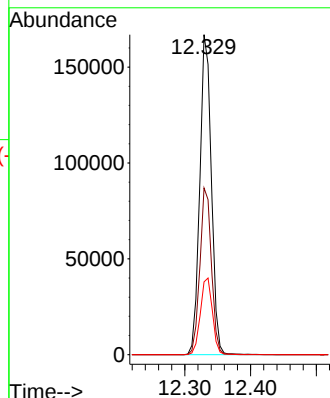
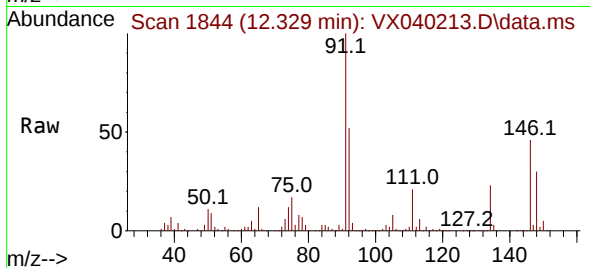
134 24.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#90

Hexachloroethane

Concen: 55.650 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040213.D

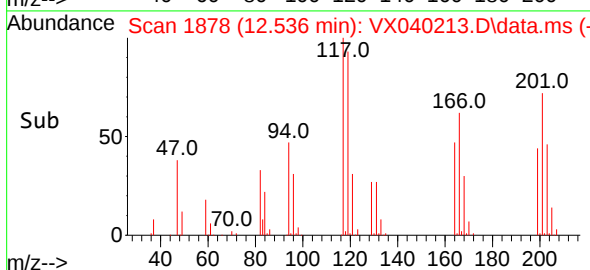
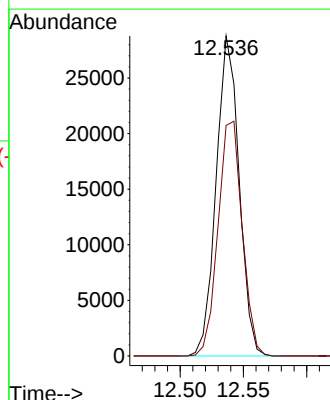
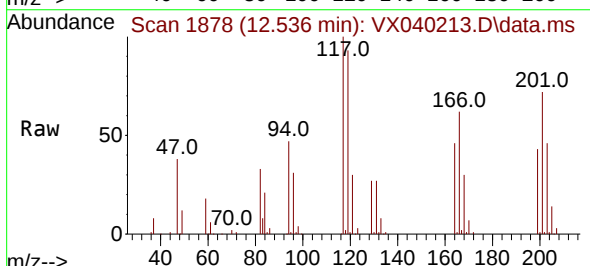
Acq: 14 Feb 2024 12:24

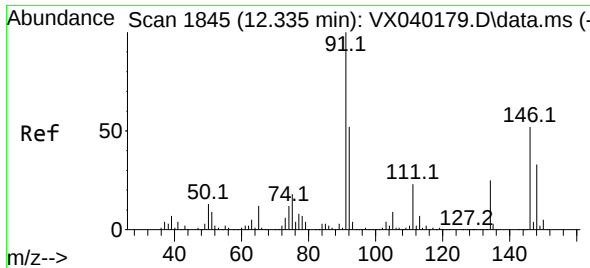
Tgt Ion:117 Resp: 36236

Ion Ratio Lower Upper

117 100

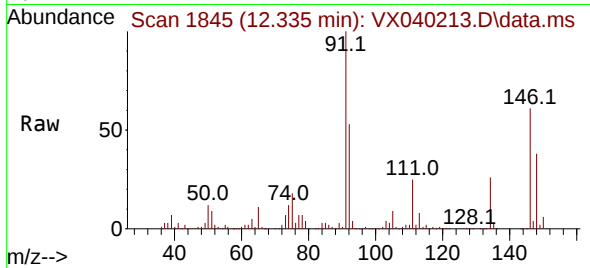
201 77.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

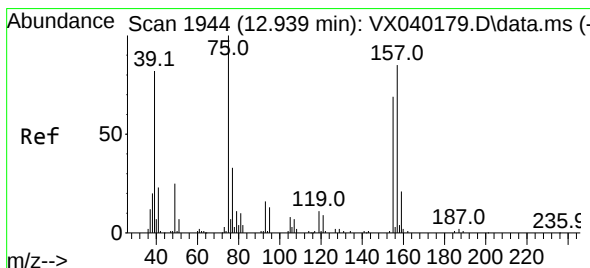
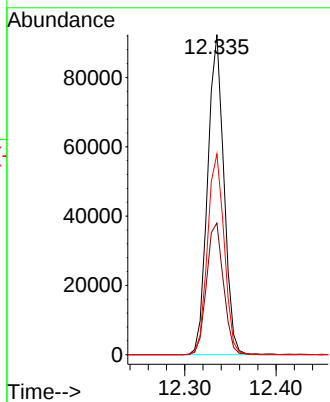
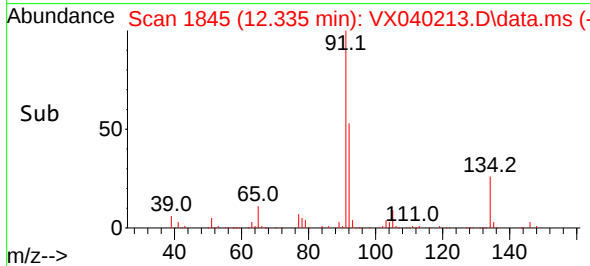
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



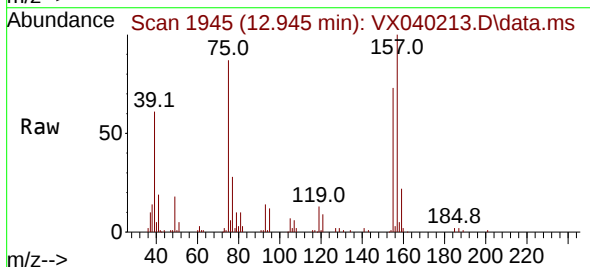
Tgt Ion:146 Resp: 11365
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

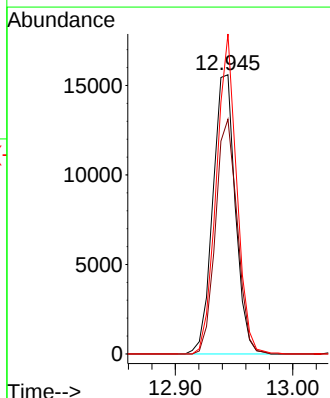
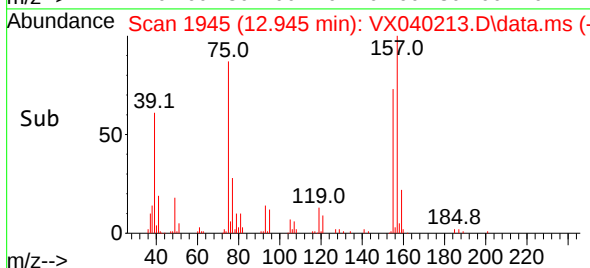
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

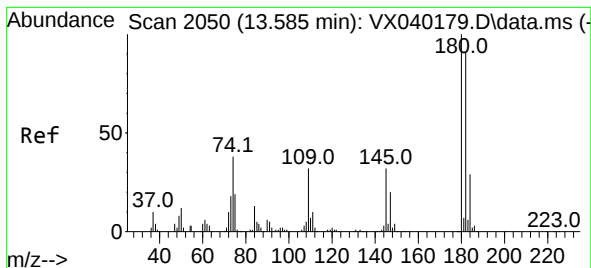


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.877 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion: 75 Resp: 20816
Ion Ratio Lower Upper
75 100
155 81.0 36.1 108.5
157 103.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.461 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

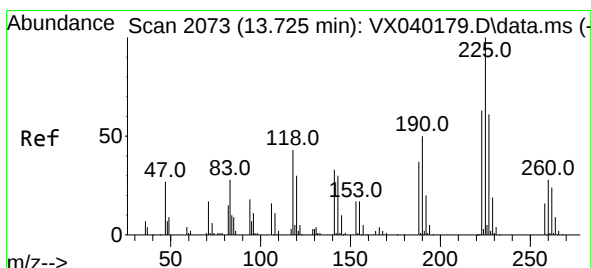
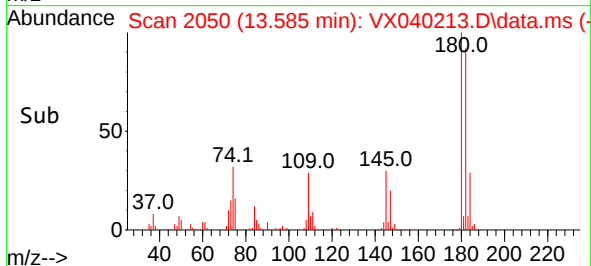
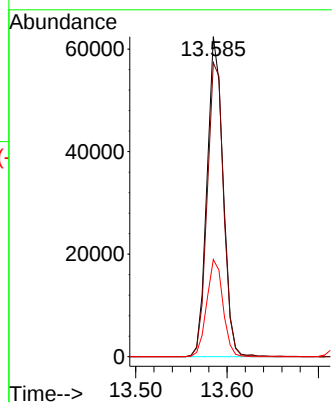
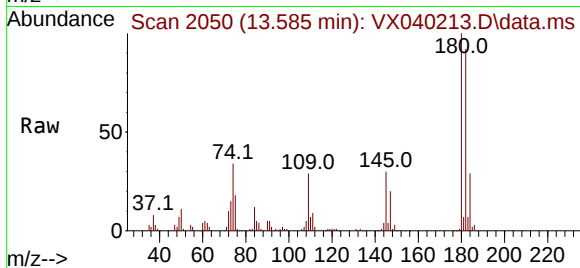
Tgt Ion:180	Resp:	7577
Ion Ratio	Lower	Upper
180	100	
182	94.3	48.3 144.8
145	30.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 53.069 ug/l

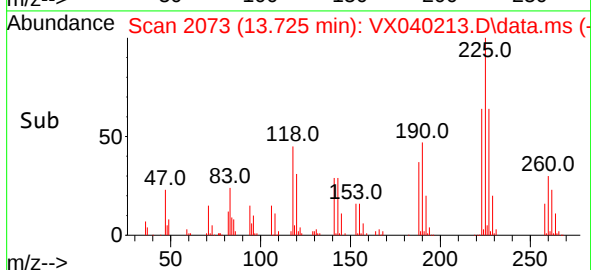
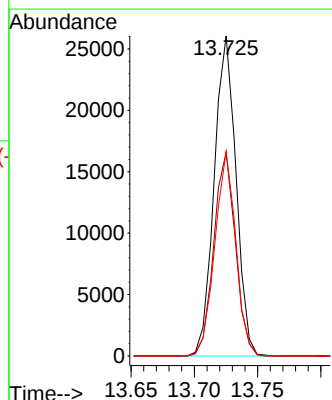
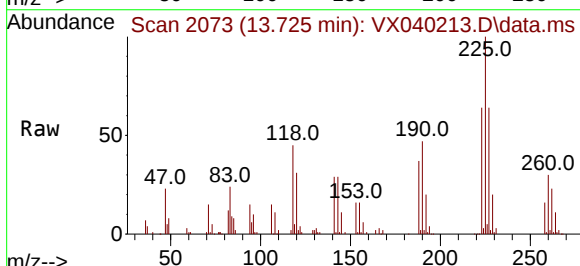
RT: 13.725 min Scan# 2073

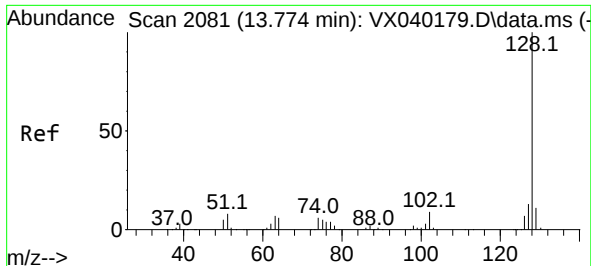
Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion:225	Resp:	31187
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.2
227	61.6	32.5 97.5





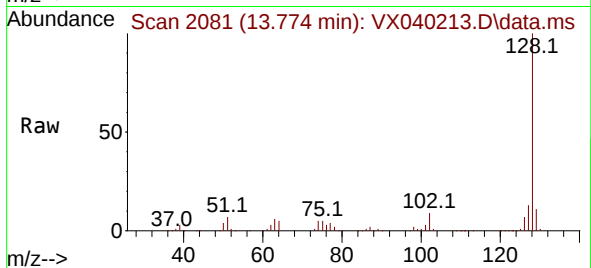
#95
Naphthalene
Concen: 52.362 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



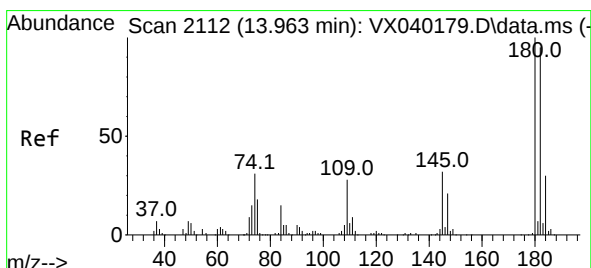
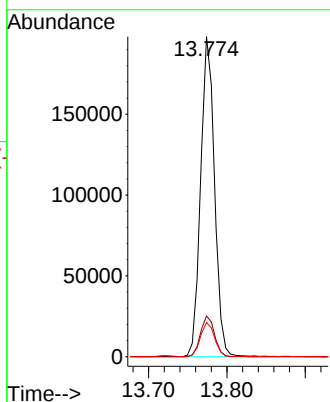
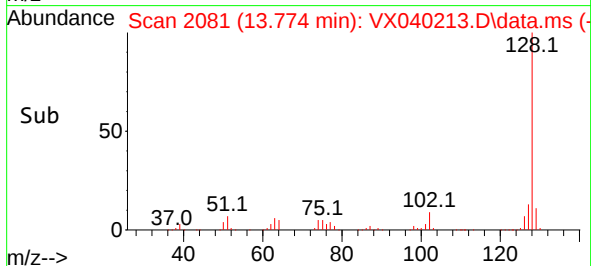
Tgt Ion:128 Resp: 243511
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations

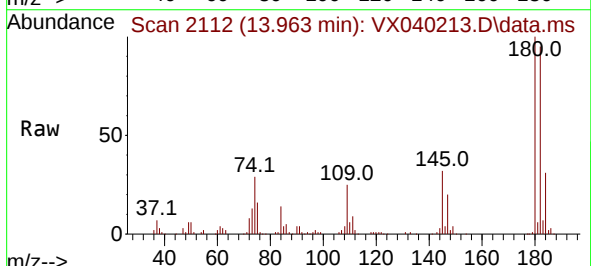
APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.918 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24



Tgt Ion:180 Resp: 72870
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 33.2 17.8 53.5

