

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040241.D
 Acq On : 15 Feb 2024 10:53
 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 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:44:30 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	5.550	168	77602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54831	47.494	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.980%		
35) Dibromofluoromethane	5.379	113	45200	49.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.420%		
50) Toluene-d8	8.647	98	164559	48.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	68979	49.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44766	51.069	ug/l	94
3) Chloromethane	1.294	50	41764	46.203	ug/l	98
4) Vinyl Chloride	1.374	62	45494	47.625	ug/l	100
5) Bromomethane	1.599	94	33078	61.363	ug/l	98
6) Chloroethane	1.684	64	28284	46.948	ug/l	100
7) Trichlorofluoromethane	1.886	101	73297	47.780	ug/l	100
8) Diethyl Ether	2.130	74	28321	49.146	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	41786	50.780	ug/l	95
10) Methyl Iodide	2.453	142	52378	57.334	ug/l	91
11) Tert butyl alcohol	2.959	59	54195	240.999	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	38827	49.006	ug/l	89
13) Acrolein	2.233	56	55561	267.682	ug/l	99
14) Allyl chloride	2.660	41	65499	47.638	ug/l #	96
15) Acrylonitrile	3.056	53	127046	252.498	ug/l	99
16) Acetone	2.373	43	124118	261.765	ug/l	93
17) Carbon Disulfide	2.514	76	96430	46.102	ug/l	99
18) Methyl Acetate	2.703	43	55331	43.530	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	142711	51.129	ug/l	98
20) Methylene Chloride	2.788	84	46182	52.019	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42501	47.101	ug/l	89
22) Diisopropyl ether	3.757	45	144255	51.733	ug/l	91
23) Vinyl Acetate	3.715	43	661249	266.012	ug/l	97
24) 1,1-Dichloroethane	3.605	63	79798	49.128	ug/l	99
25) 2-Butanone	4.544	43	182419	246.122	ug/l	95
26) 2,2-Dichloropropane	4.471	77	62208	49.752	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	50626	49.181	ug/l	93
28) Bromochloromethane	4.891	49	37637	54.576	ug/l	90
29) Tetrahydrofuran	4.995	42	116397	241.053	ug/l	94
30) Chloroform	5.092	83	87350	49.740	ug/l	97
31) Cyclohexane	5.470	56	65824	47.801	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	72819	49.289	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60869	47.787	ug/l	96
37) Ethyl Acetate	4.708	43	70404	49.674	ug/l	98
38) Carbon Tetrachloride	5.672	117	60579	50.020	ug/l	96
39) Methylcyclohexane	7.379	83	72814	49.189	ug/l	95
40) Benzene	6.031	78	178566	50.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37762	50.259	ug/l	92
42) 1,2-Dichloroethane	6.086	62	69760	50.105	ug/l	97
43) Isopropyl Acetate	6.336	43	115330	52.127	ug/l	98
44) Trichloroethene	7.123	130	47671	48.518	ug/l	99
45) 1,2-Dichloropropane	7.427	63	48156	51.941	ug/l	98
46) Dibromomethane	7.580	93	36458	53.393	ug/l	95
47) Bromodichloromethane	7.818	83	68914	52.379	ug/l	98
48) Methyl methacrylate	7.689	41	57000	50.349	ug/l	91
49) 1,4-Dioxane	7.653	88	23986	973.922	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	388967	257.498	ug/l	99
52) Toluene	8.714	92	117817	50.497	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	74660	47.745	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	79837	54.145	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	51956	52.211	ug/l	93
56) Ethyl methacrylate	9.116	69	80447	54.000	ug/l	96
57) 1,3-Dichloropropane	9.305	76	84596	52.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	170794	242.351	ug/l	98
59) 2-Hexanone	9.427	43	310677	259.406	ug/l	99
60) Dibromochloromethane	9.518	129	53837	53.101	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55255	52.238	ug/l	99
64) Tetrachloroethene	9.275	164	43028	49.243	ug/l	96
65) Chlorobenzene	10.079	112	131404	50.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48112	53.381	ug/l	99
67) Ethyl Benzene	10.189	91	240400	51.869	ug/l	98
68) m/p-Xylenes	10.299	106	183011	104.552	ug/l	99
69) o-Xylene	10.640	106	88981	52.310	ug/l	97
70) Styrene	10.652	104	152686	53.989	ug/l	98
71) Bromoform	10.799	173	41711	49.301	ug/l #	98
73) Isopropylbenzene	10.963	105	243409	49.083	ug/l	99
74) N-amyl acetate	10.841	43	112416	52.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	89328	50.137	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73727m	51.709	ug/l	
77) Bromobenzene	11.195	156	60080	51.294	ug/l	95
78) n-propylbenzene	11.305	91	298112	49.653	ug/l	99
79) 2-Chlorotoluene	11.360	91	176043	48.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	211132	50.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24413	48.217	ug/l	94
82) 4-Chlorotoluene	11.451	91	206288	48.023	ug/l	97
83) tert-Butylbenzene	11.713	119	203069	49.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	213024	50.433	ug/l	99
85) sec-Butylbenzene	11.890	105	264241	50.232	ug/l	100
86) p-Isopropyltoluene	12.006	119	216364	50.177	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116860	50.354	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	119993	48.828	ug/l	99
89) n-Butylbenzene	12.329	91	206072	49.508	ug/l	97
90) Hexachloroethane	12.536	117	36379	53.486	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	115077	51.222	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21428	52.109	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	75348	48.988	ug/l	98
94) Hexachlorobutadiene	13.725	225	30400	49.523	ug/l	98
95) Naphthalene	13.774	128	246923	50.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74016	50.485	ug/l	98

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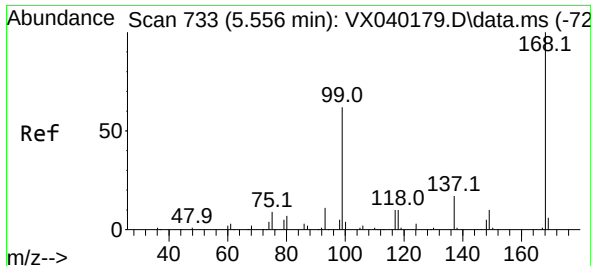
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/16/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

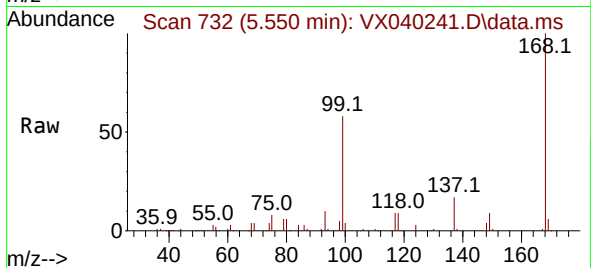
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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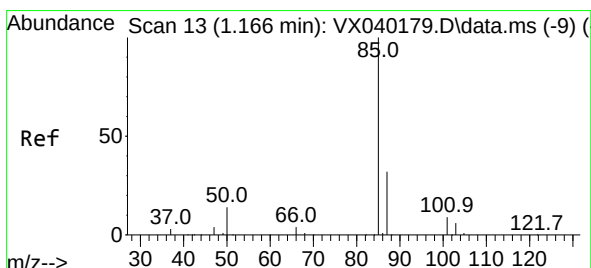
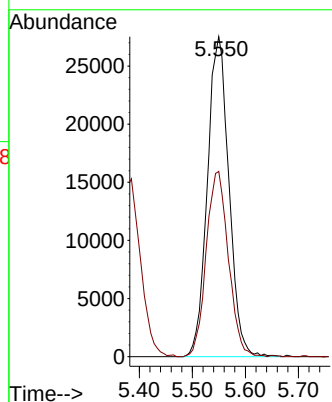
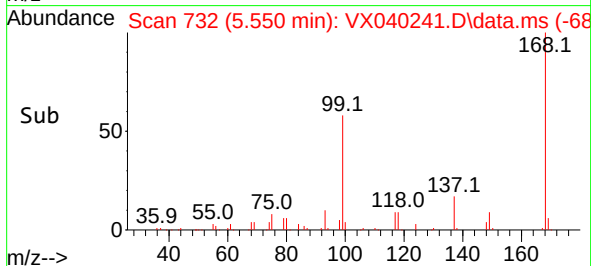
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 77602
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0

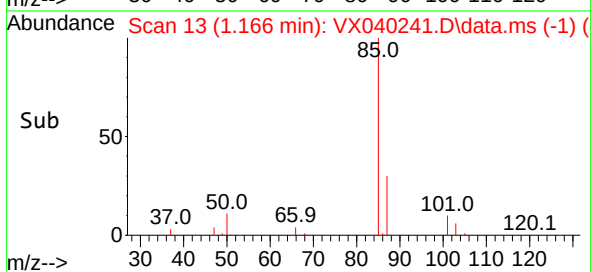
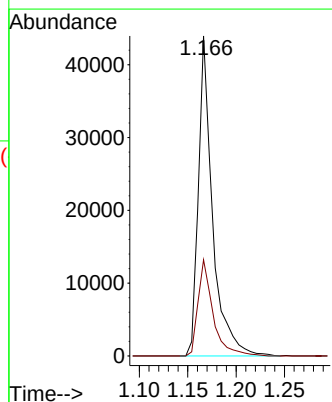
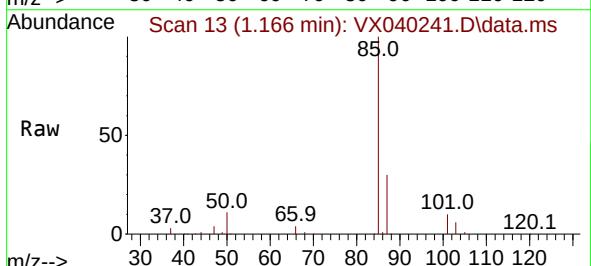
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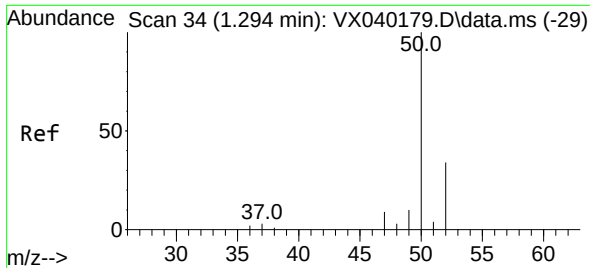
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#2
Dichlorodifluoromethane
Concen: 51.069 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 85 Resp: 44766
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.1





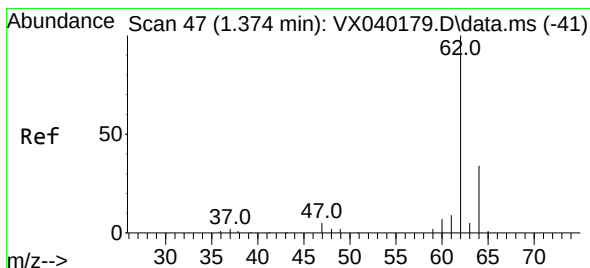
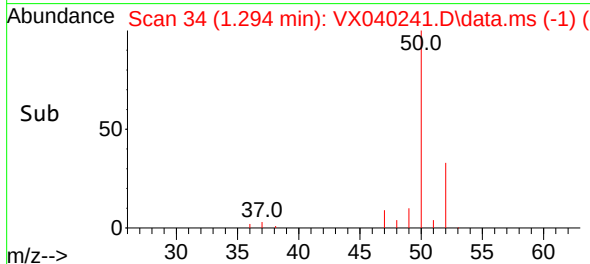
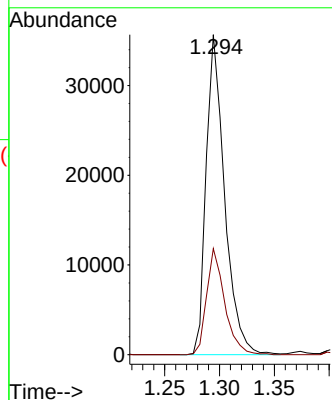
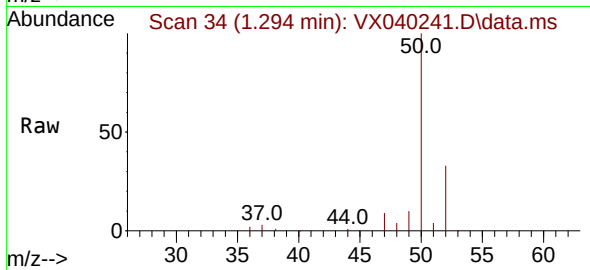
#3
Chloromethane
Concen: 46.203 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 41764
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

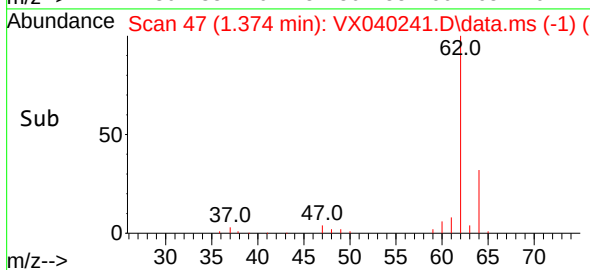
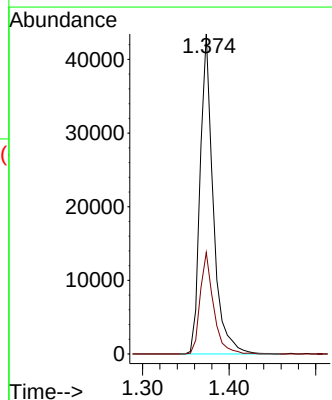
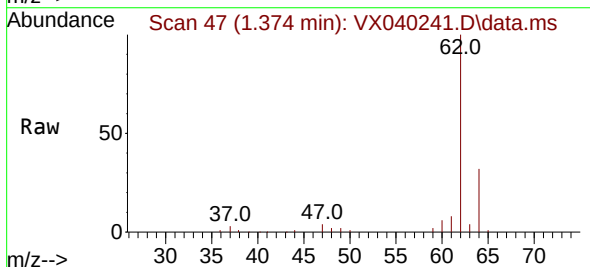
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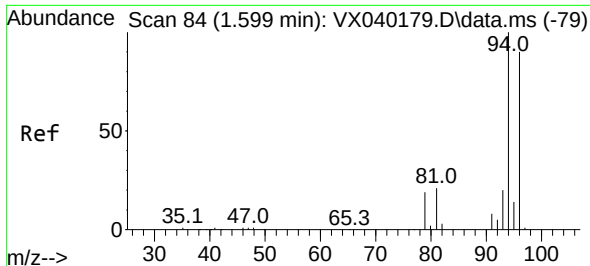
Reviewed By :John Carlone 02/16/2024
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#4
Vinyl Chloride
Concen: 47.625 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

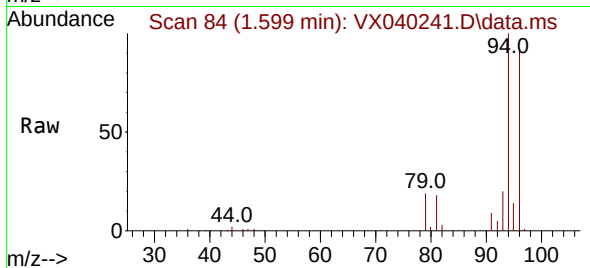
Tgt Ion: 62 Resp: 45494
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 61.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

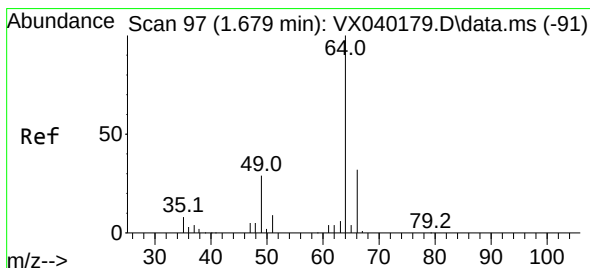
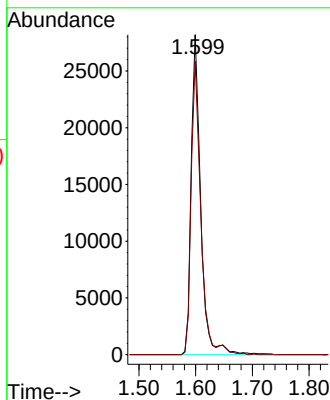
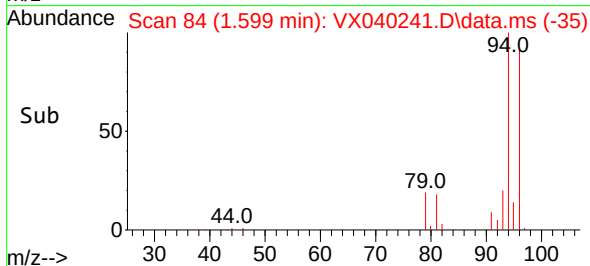
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 33078
Ion Ratio Lower Upper
94 100
96 91.7 74.6 111.8

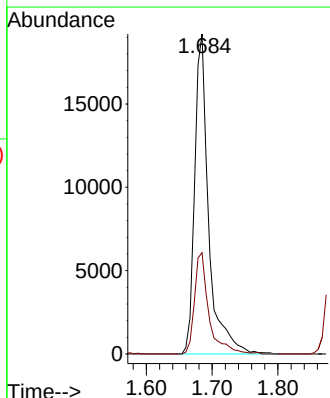
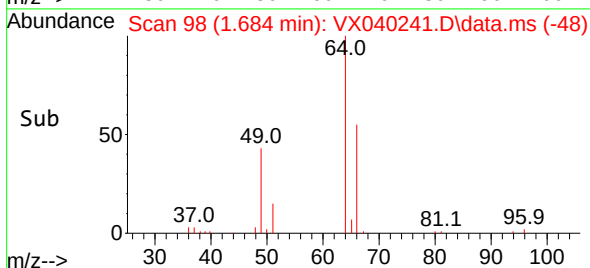
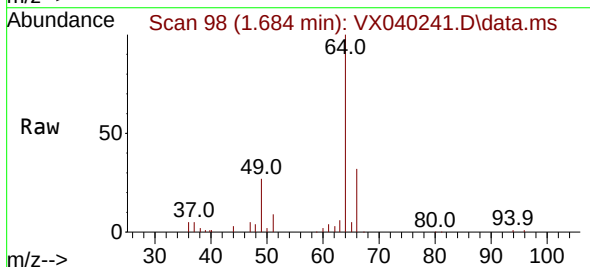
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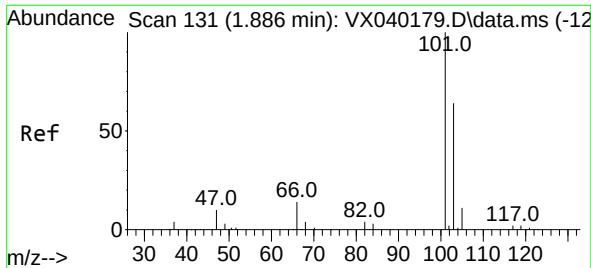
Reviewed By :John Carlone 02/16/2024
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#6
Chloroethane
Concen: 46.948 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 64 Resp: 28284
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





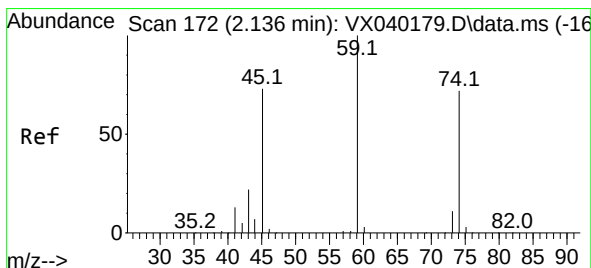
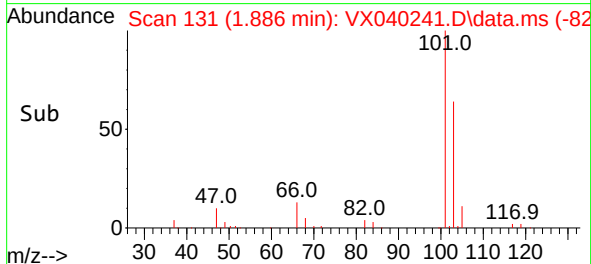
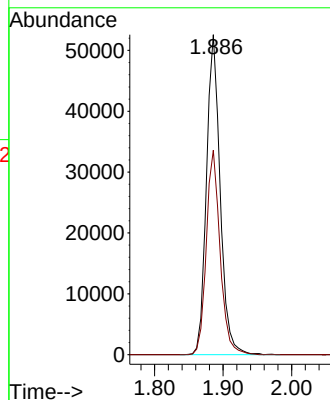
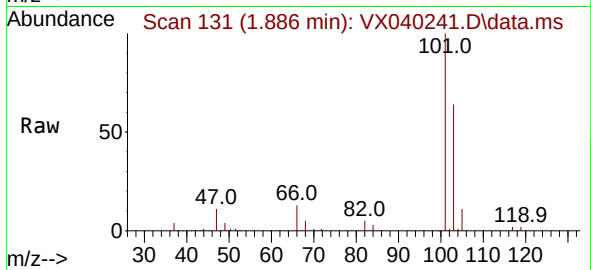
#7
Trichlorofluoromethane
Concen: 47.780 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7329
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

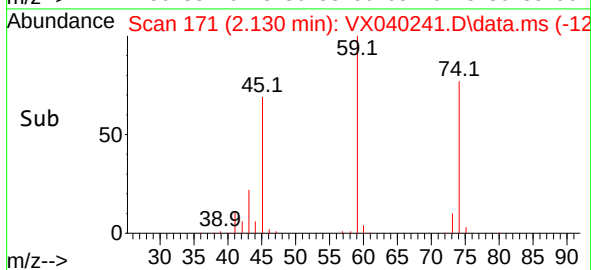
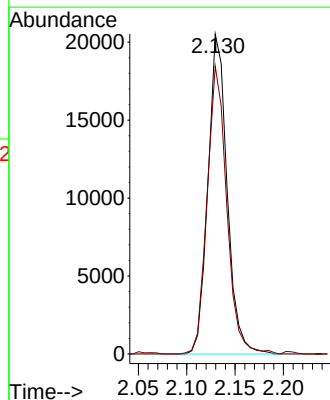
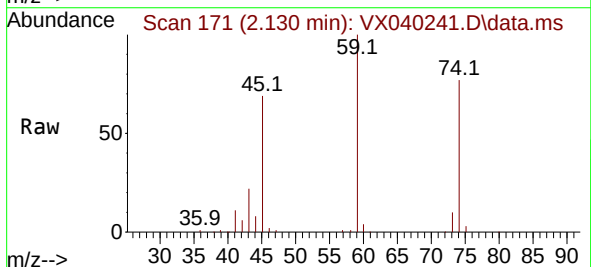
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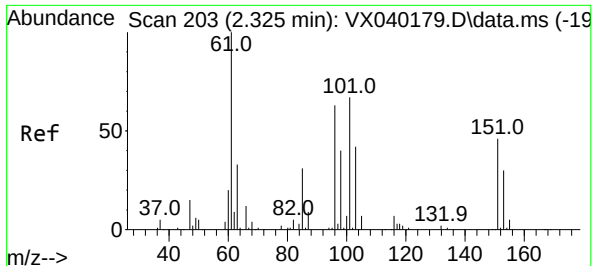
Reviewed By :John Carlone 02/16/2024
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#8
Diethyl Ether
Concen: 49.146 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 74 Resp: 28321
Ion Ratio Lower Upper
74 100
45 92.3 53.3 159.8





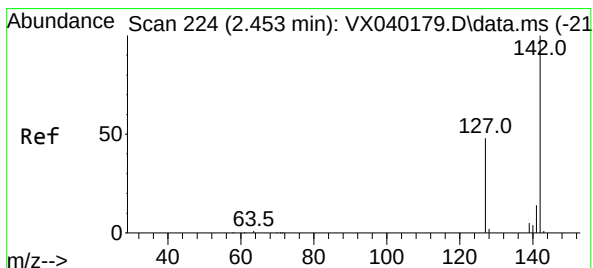
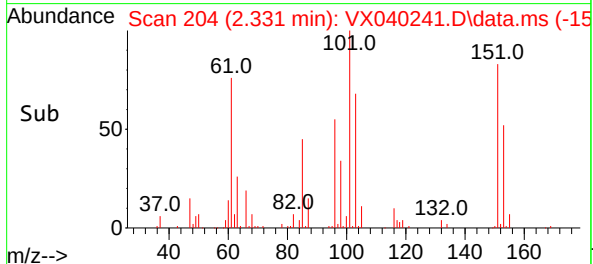
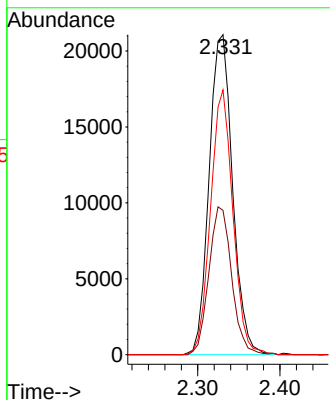
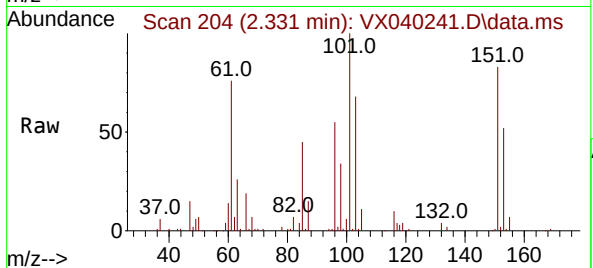
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040241.D
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Tgt Ion:101 Resp: 41780
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 78.9 58.6 87.8

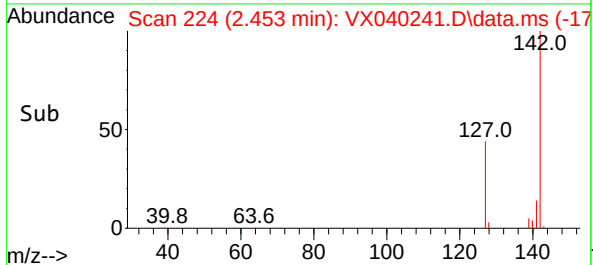
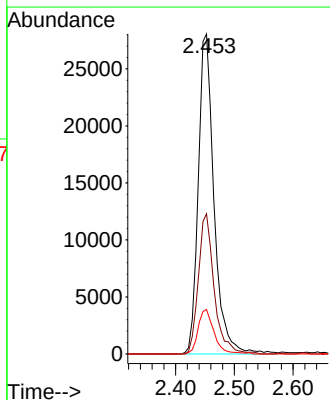
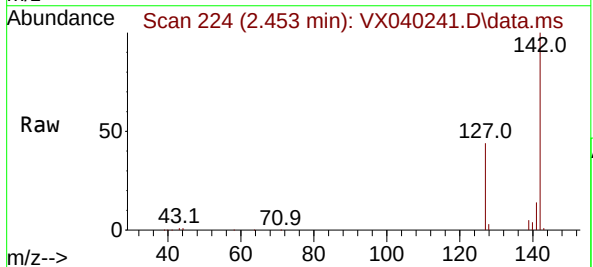
Manual Integrations
APPROVED

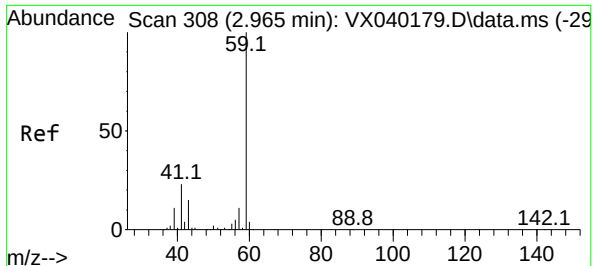
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#10
Methyl Iodide
Concen: 57.334 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:142 Resp: 52378
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 14.0 11.6 17.4





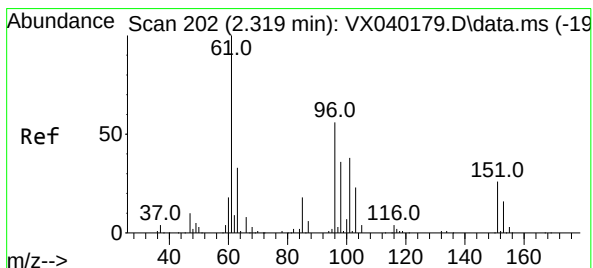
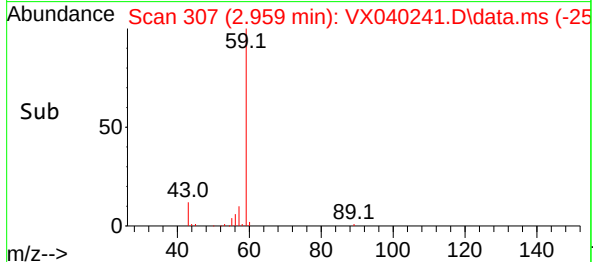
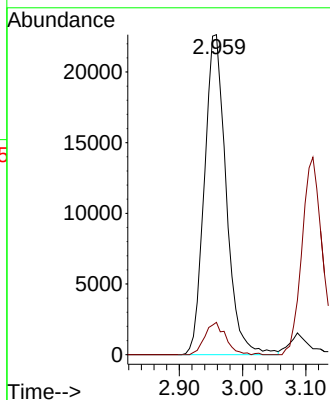
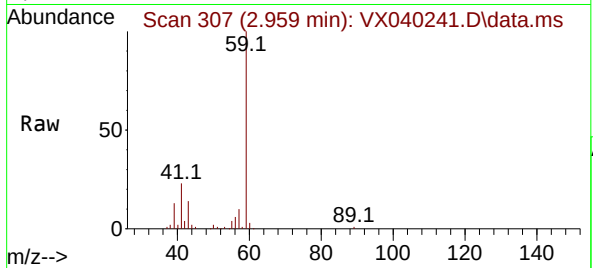
#11
Tert butyl alcohol
Concen: 240.999 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5419
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0

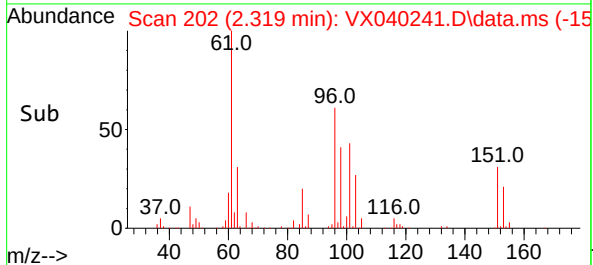
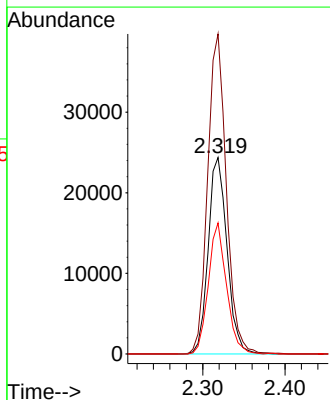
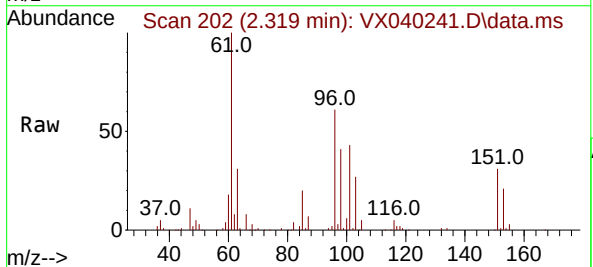
Manual Integrations
APPROVED

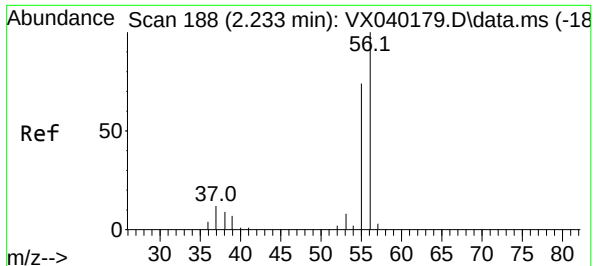
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#12
1,1-Dichloroethene
Concen: 49.006 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

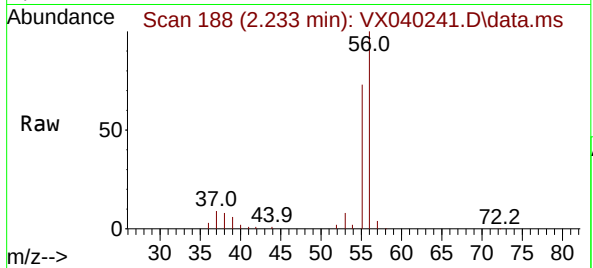
Tgt Ion: 96 Resp: 38827
Ion Ratio Lower Upper
96 100
61 162.8 144.6 216.8
98 66.7 50.4 75.6





#13
Acrolein
Concen: 267.682 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

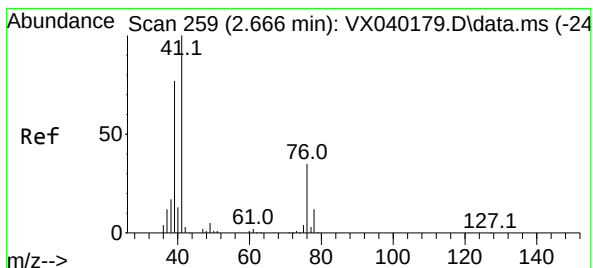
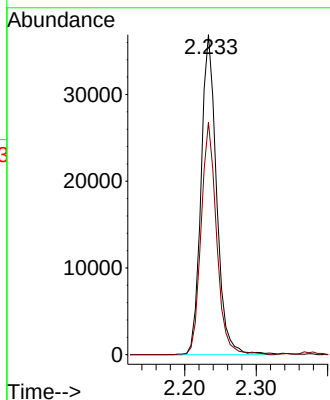
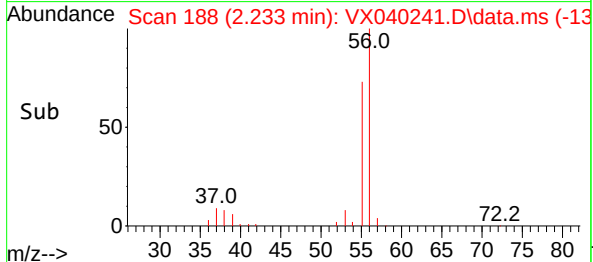
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5556
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

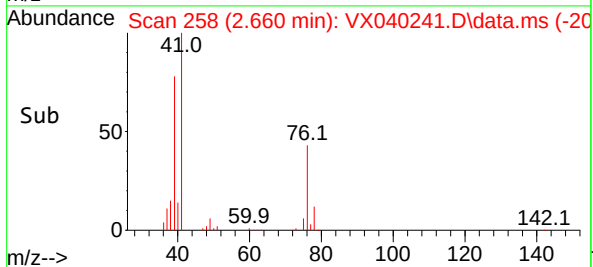
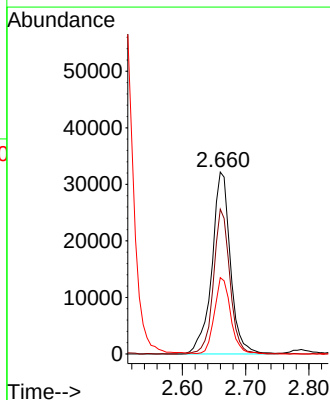
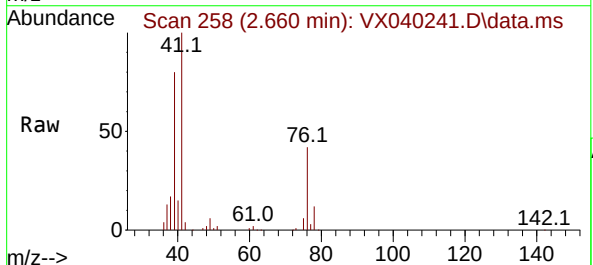
Manual Integrations
APPROVED

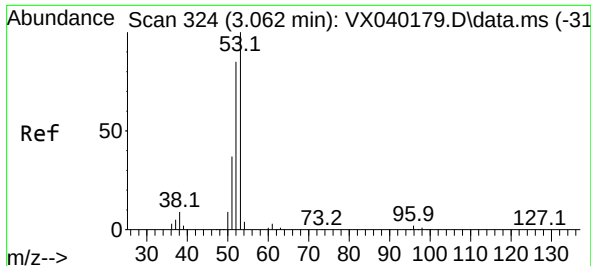
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#14
Allyl chloride
Concen: 47.638 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

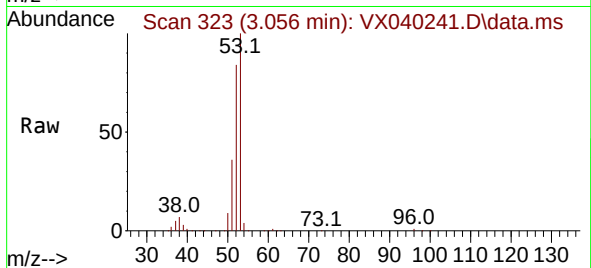
Tgt Ion: 41 Resp: 65499
Ion Ratio Lower Upper
41 100
39 70.2 55.8 83.6
76 36.6 24.3 36.5#





#15
Acrylonitrile
Concen: 252.498 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

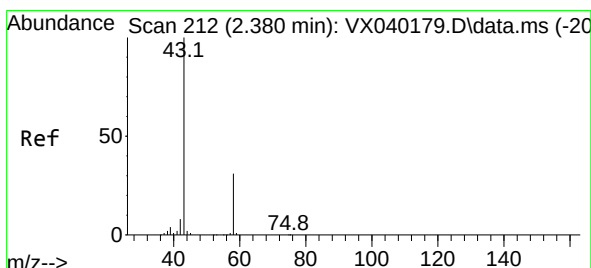
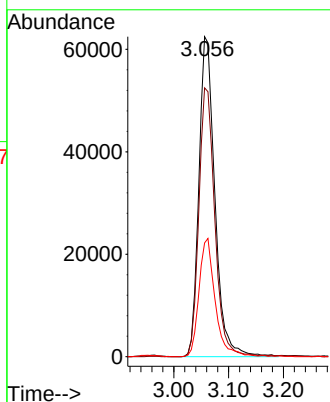
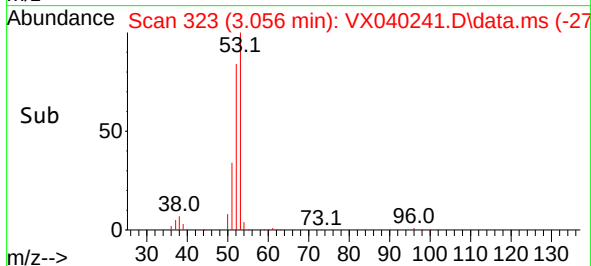
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 127040
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 37.2 29.8 44.6

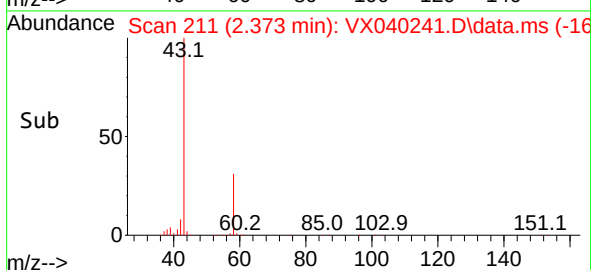
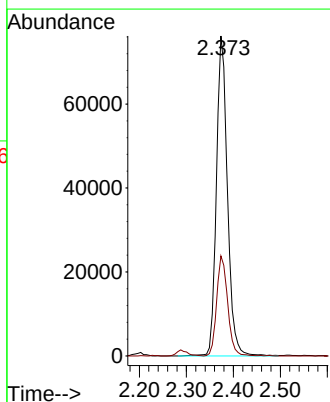
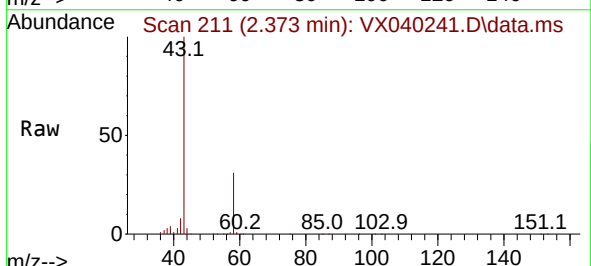
Manual Integrations
APPROVED

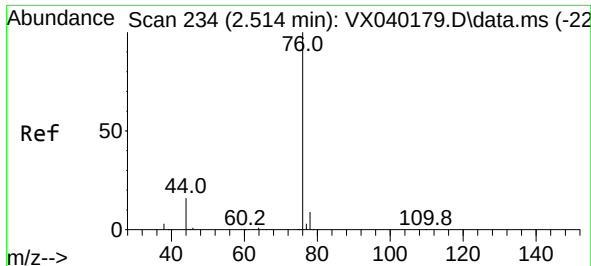
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#16
Acetone
Concen: 261.765 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 43 Resp: 124118
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





#17

Carbon Disulfide

Concen: 46.102 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 96430

Ion Ratio Lower Upper

76 100

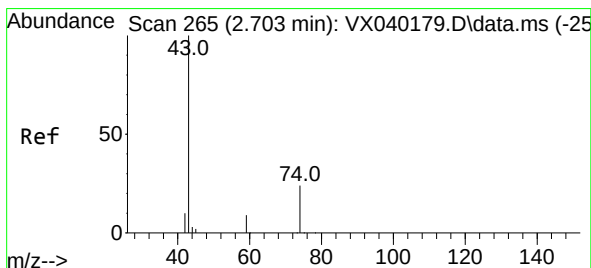
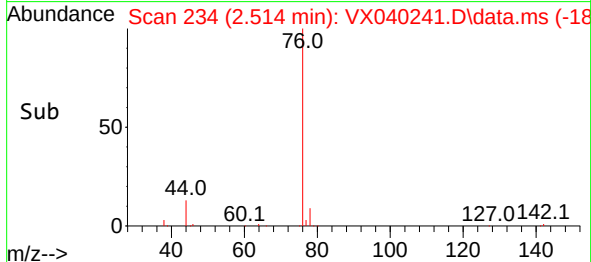
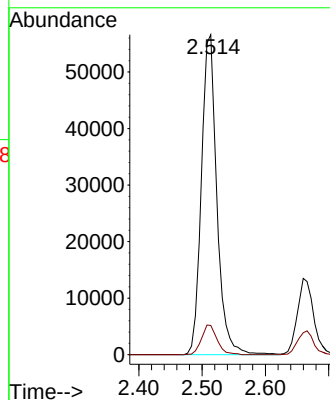
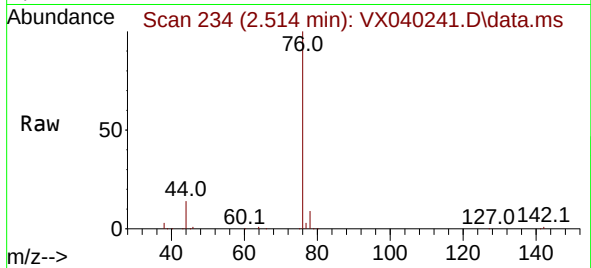
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#18

Methyl Acetate

Concen: 43.530 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040241.D

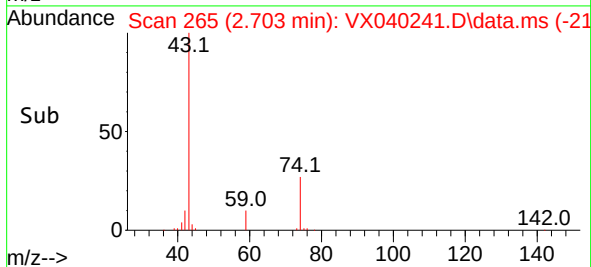
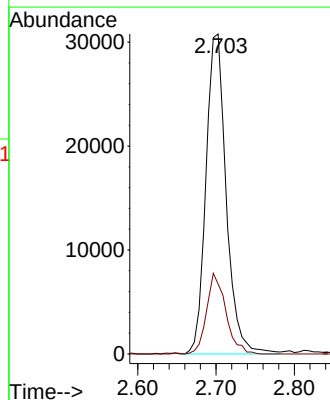
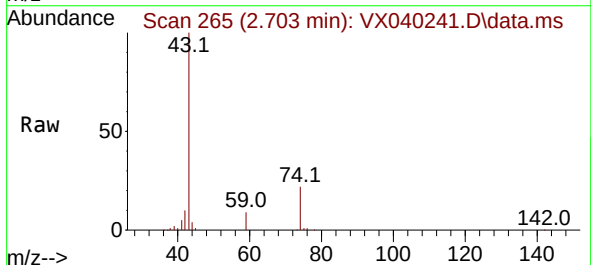
Acq: 15 Feb 2024 10:53

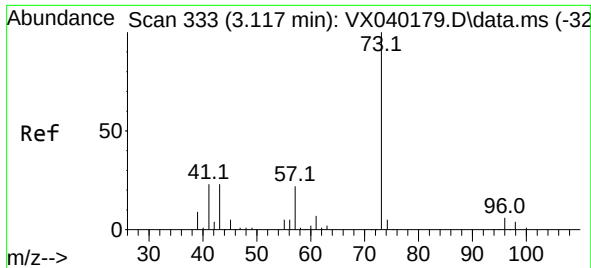
Tgt Ion: 43 Resp: 55331

Ion Ratio Lower Upper

43 100

74 23.9 17.8 26.8





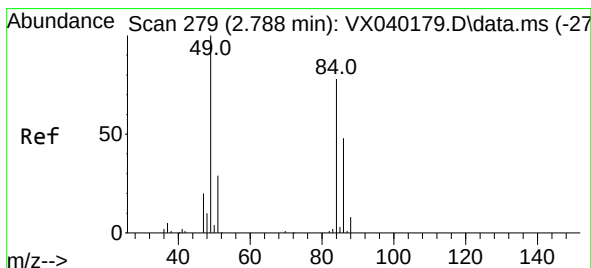
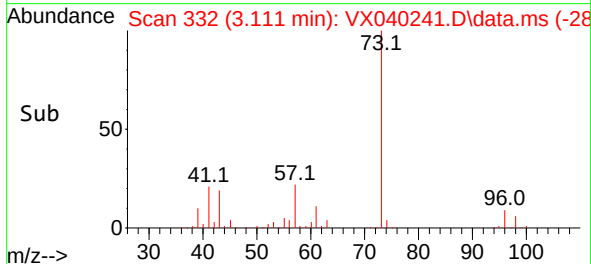
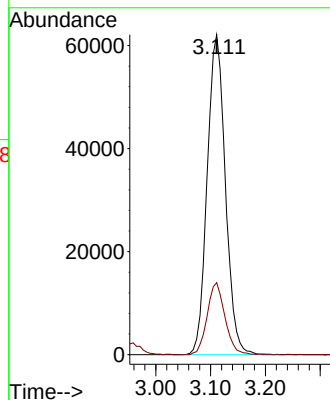
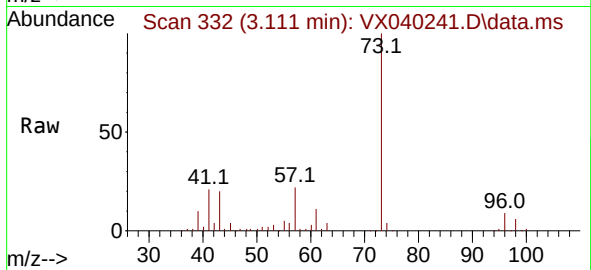
#19
Methyl tert-butyl Ether
Concen: 51.129 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 14271
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

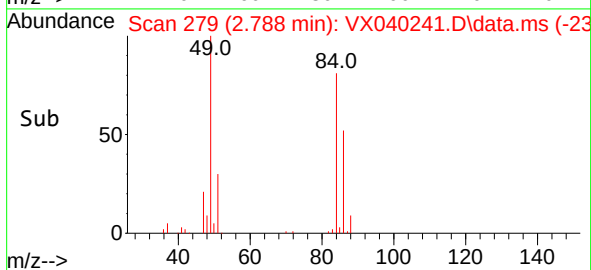
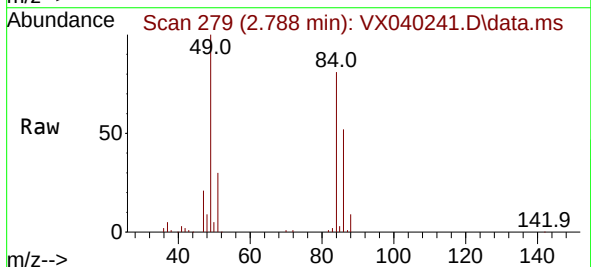
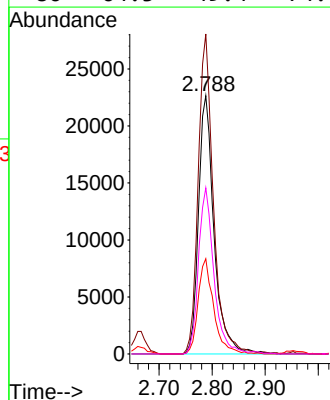
Manual Integrations
APPROVED

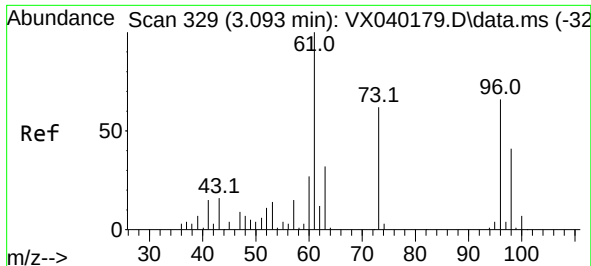
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#20
Methylene Chloride
Concen: 52.019 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

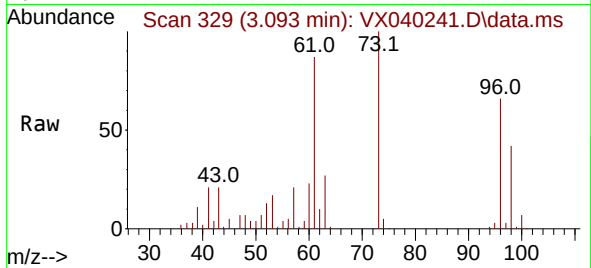
Tgt Ion: 84 Resp: 46182
Ion Ratio Lower Upper
84 100
49 123.9 103.6 155.4
51 36.9 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.101 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

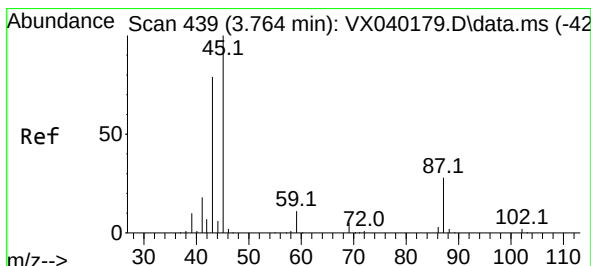
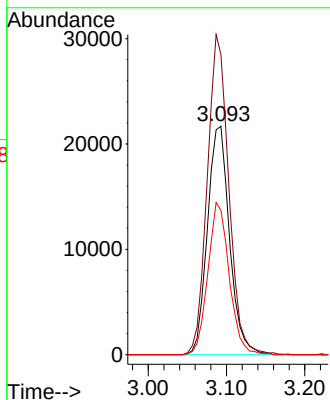
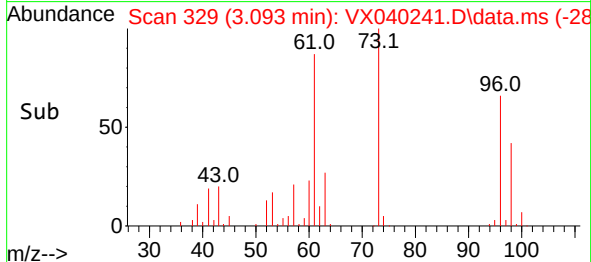
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



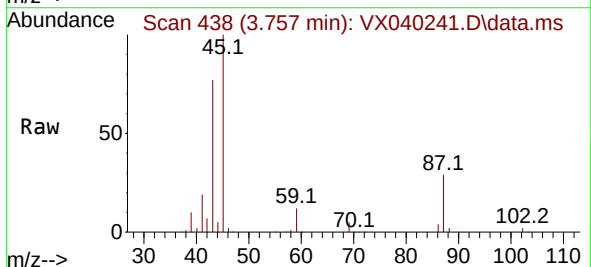
Tgt Ion: 96 Resp: 4250
Ion Ratio Lower Upper
96 100
61 131.3 119.2 178.8
98 63.1 48.7 73.1

Manual Integrations
APPROVED

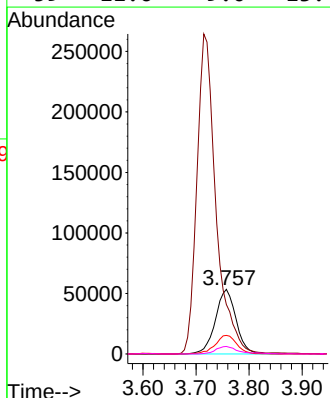
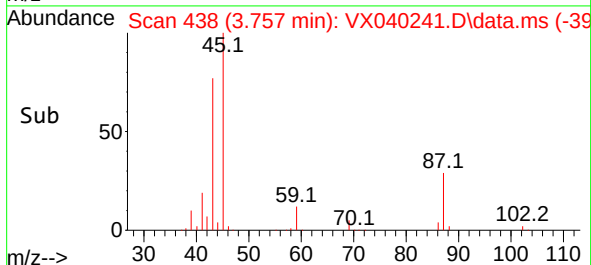
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

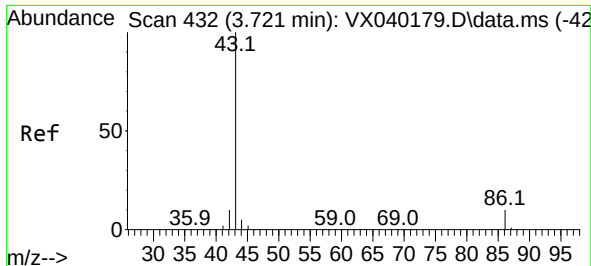


#22
Diisopropyl ether
Concen: 51.733 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



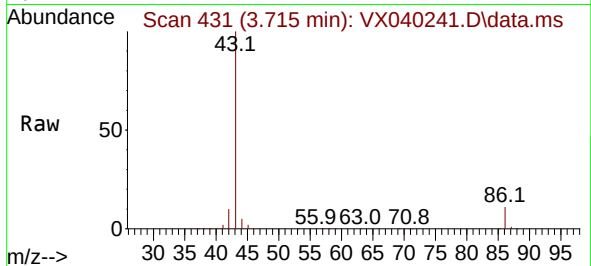
Tgt Ion: 45 Resp: 144255
Ion Ratio Lower Upper
45 100
43 76.4 69.7 104.5
87 28.7 20.8 31.2
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 266.012 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040241.D
 Acq: 15 Feb 2024 10:53

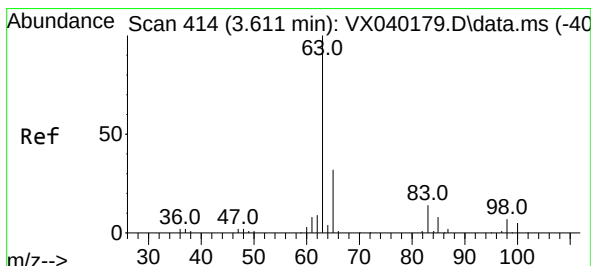
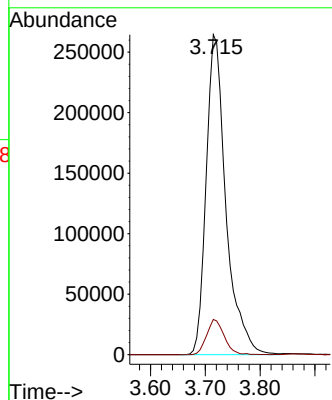
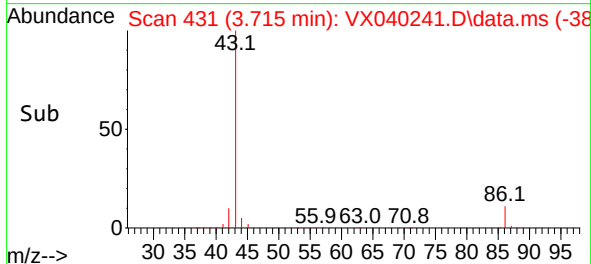
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 661249
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

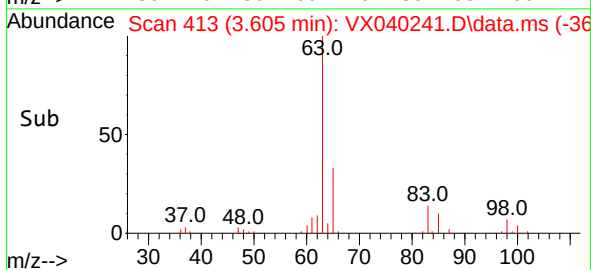
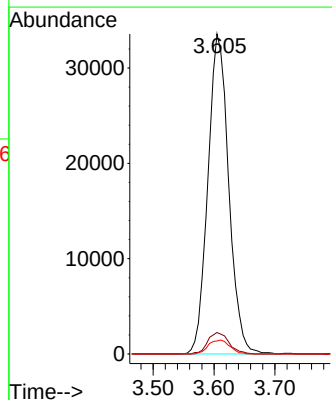
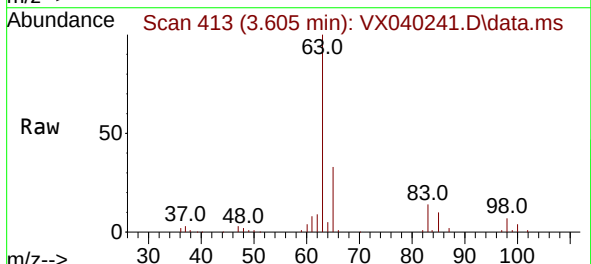
Manual Integrations
 APPROVED

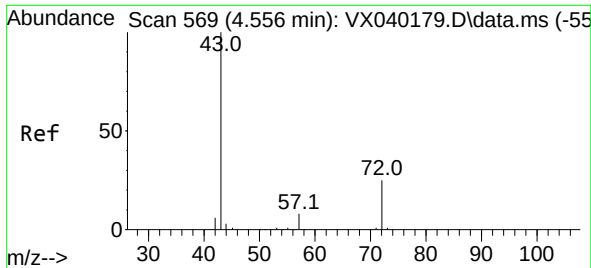
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#24
 1,1-Dichloroethane
 Concen: 49.128 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040241.D
 Acq: 15 Feb 2024 10:53

Tgt Ion: 63 Resp: 79798
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.0 2.1 6.5





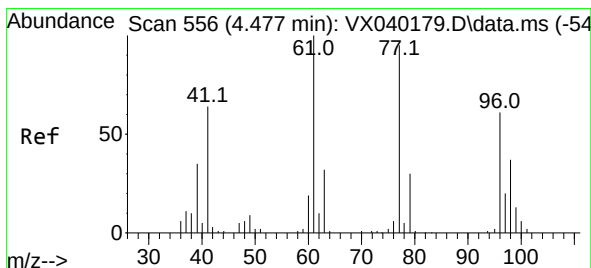
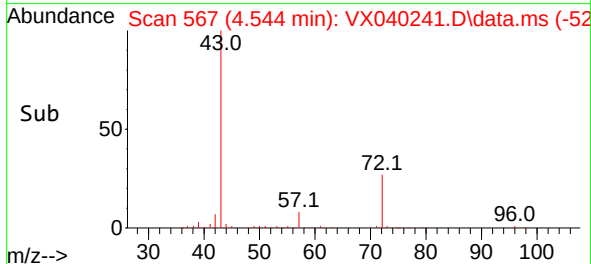
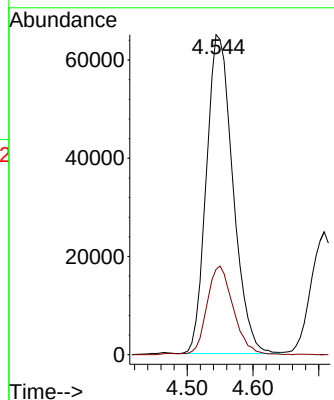
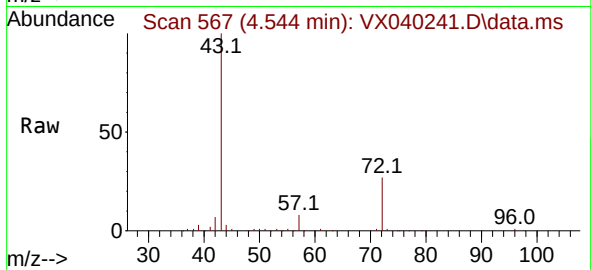
#25
2-Butanone
Concen: 246.122 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 182419
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

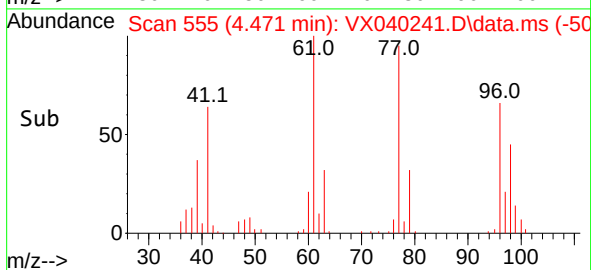
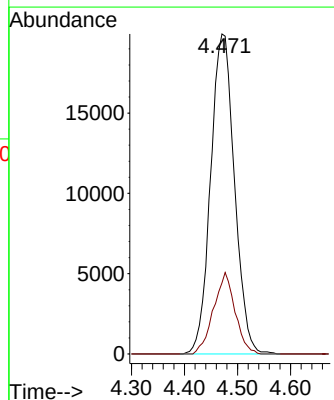
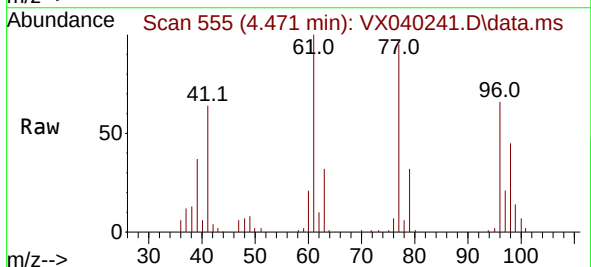
Manual Integrations
APPROVED

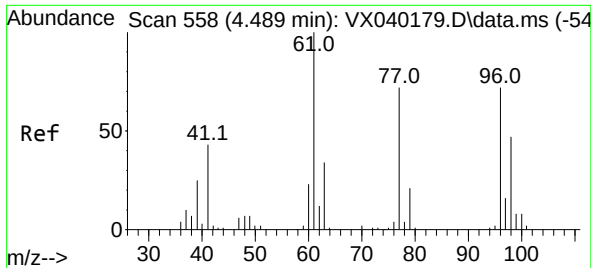
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#26
2,2-Dichloropropane
Concen: 49.752 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 77 Resp: 62208
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.181 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 50620

Ion Ratio Lower Upper

96 100

61 144.4 0.0 312.2

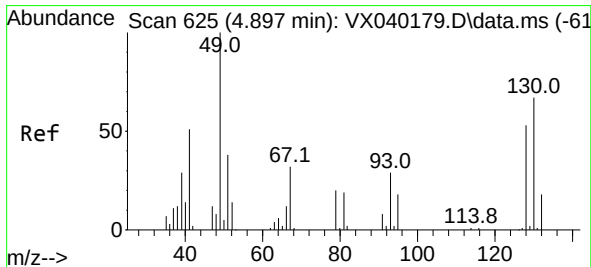
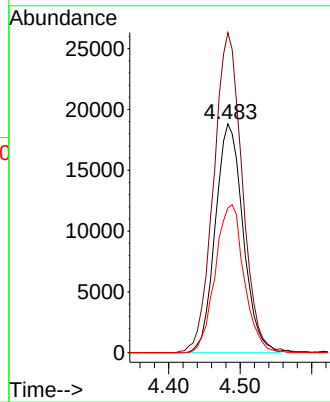
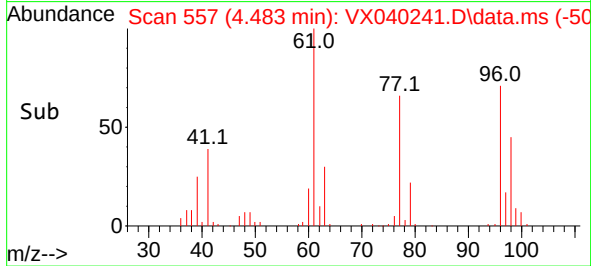
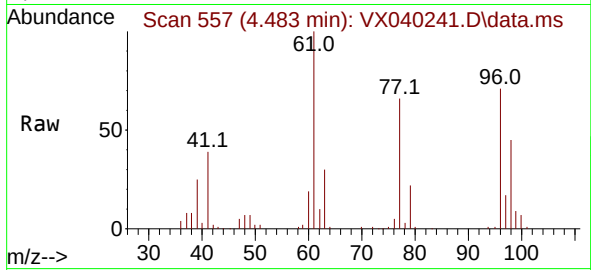
98 67.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#28

Bromochloromethane

Concen: 54.576 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

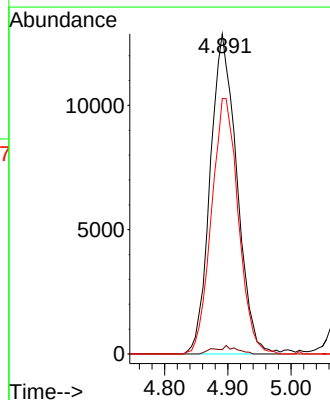
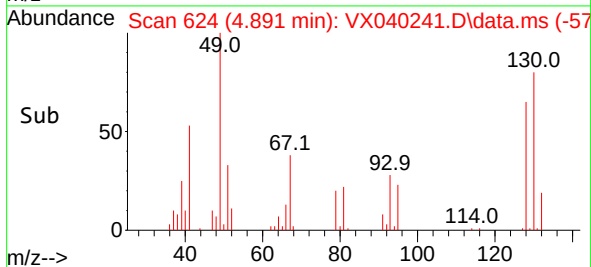
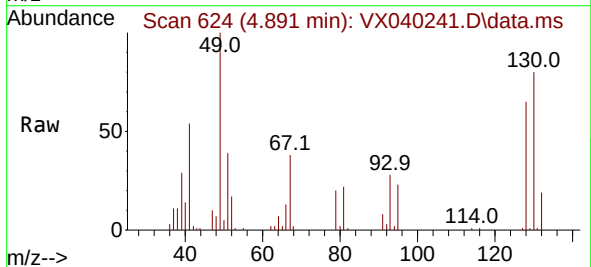
Tgt Ion: 49 Resp: 37637

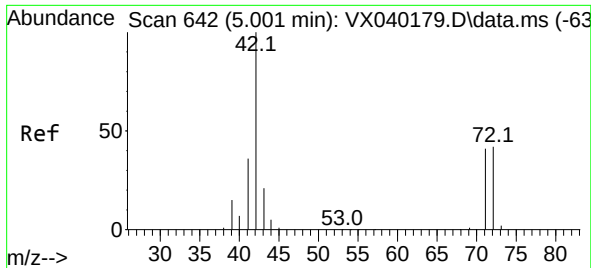
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 80.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 241.053 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11639

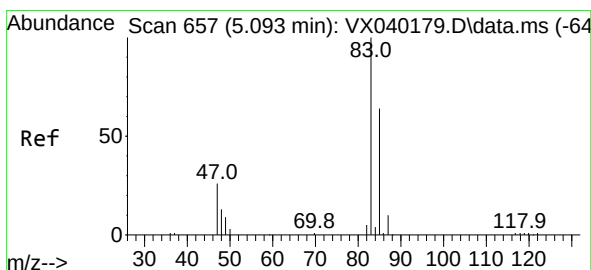
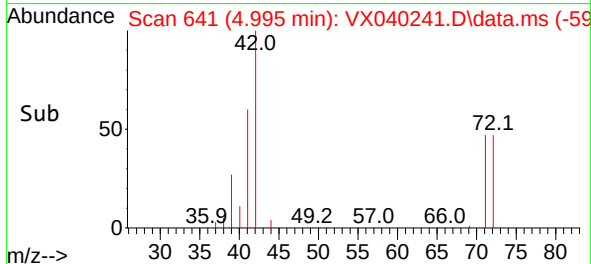
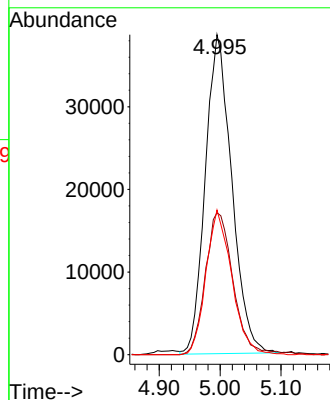
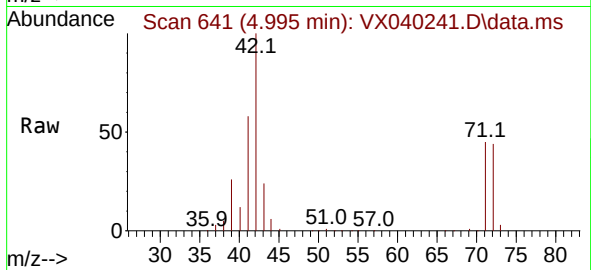
Ion	Ratio	Lower	Upper
42	100		
72	46.7	34.2	51.4
71	44.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#30

Chloroform

Concen: 49.740 ug/l

RT: 5.092 min Scan# 657

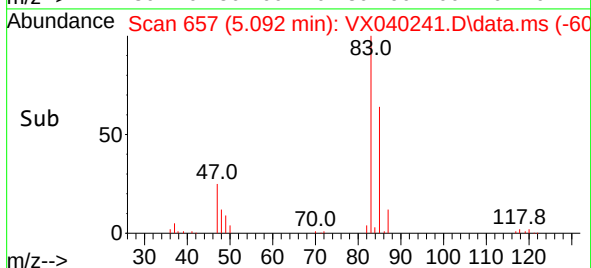
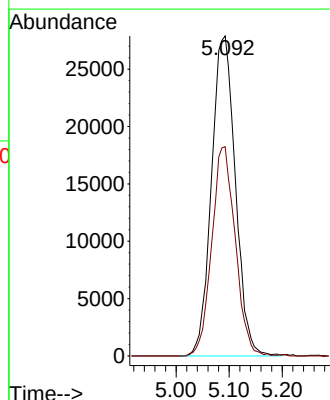
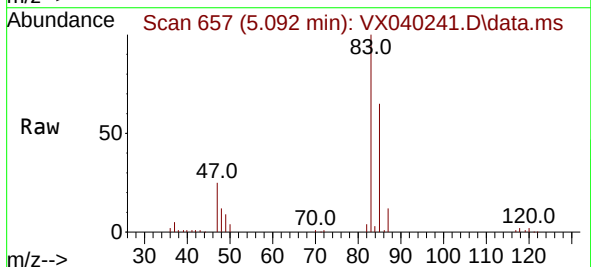
Delta R.T. -0.006 min

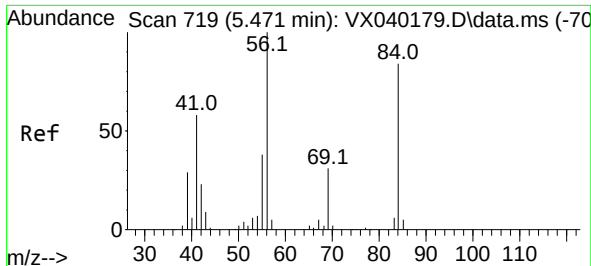
Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Tgt Ion: 83 Resp: 87350

Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5





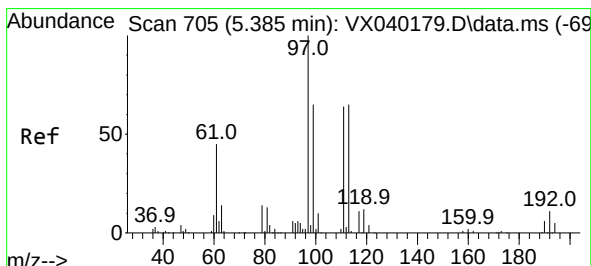
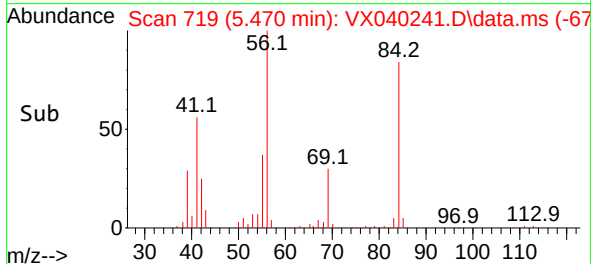
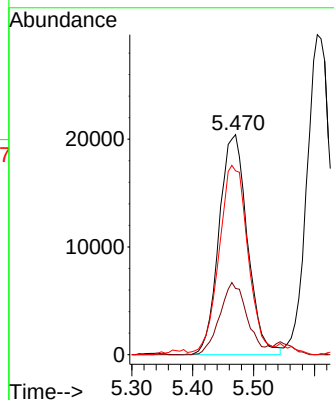
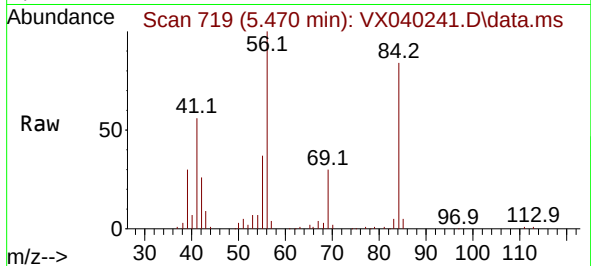
#31
Cyclohexane
Concen: 47.801 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 65824
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 82.0 65.9 98.9

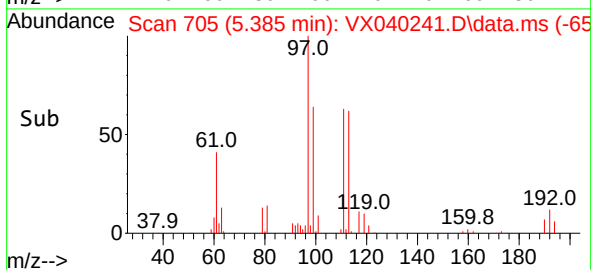
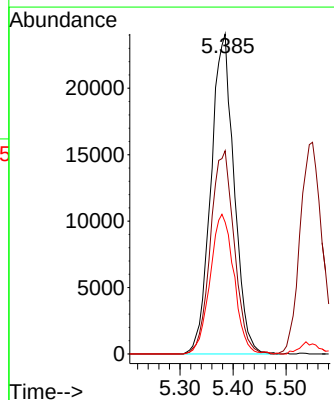
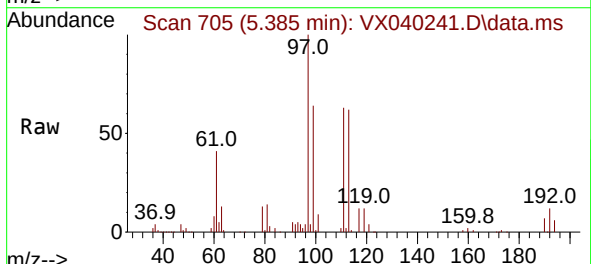
Manual Integrations
APPROVED

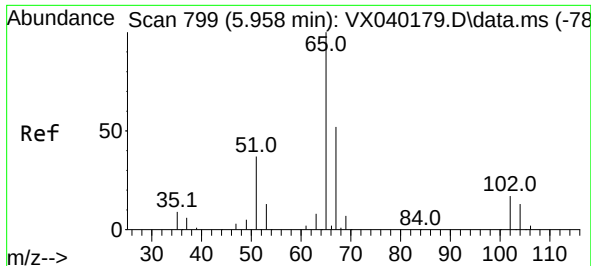
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#32
1,1,1-Trichloroethane
Concen: 49.289 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 97 Resp: 72819
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5483

Ion Ratio Lower Upper

65 100

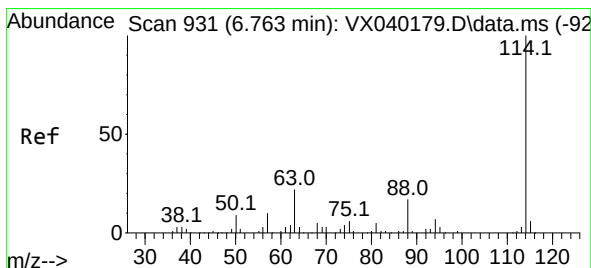
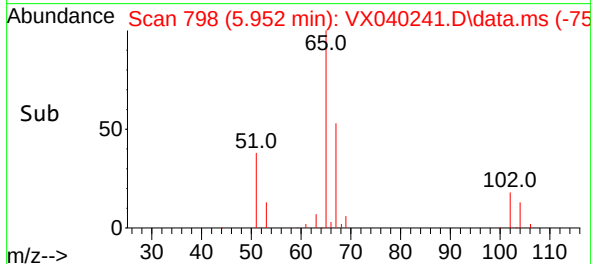
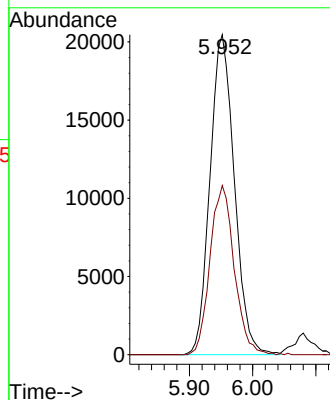
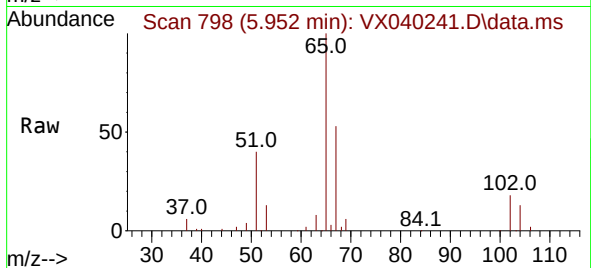
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

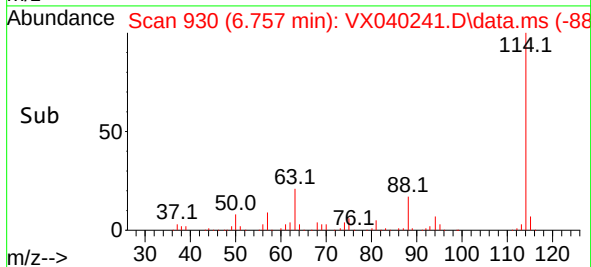
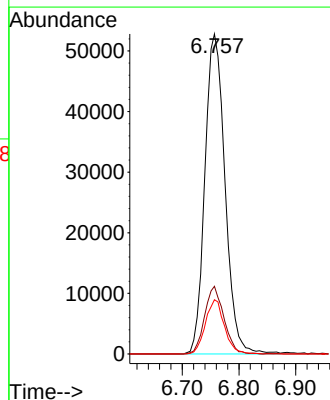
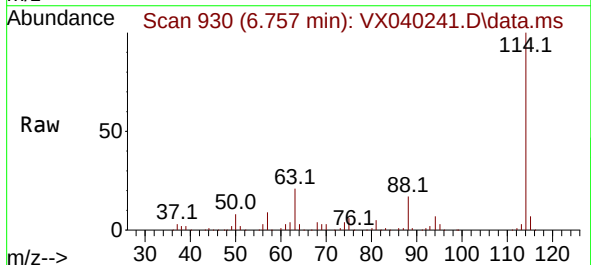
Tgt Ion:114 Resp: 130206

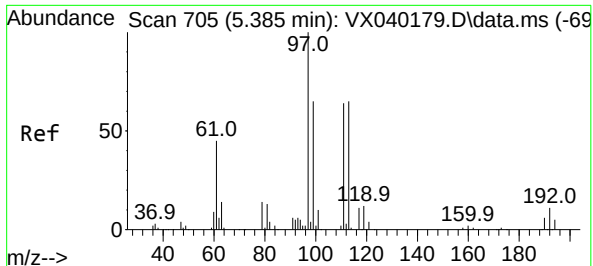
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.709 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

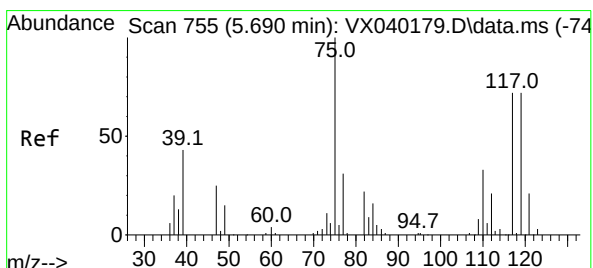
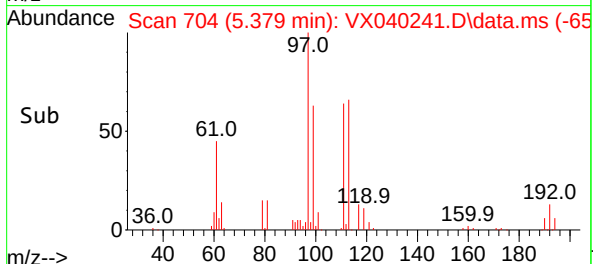
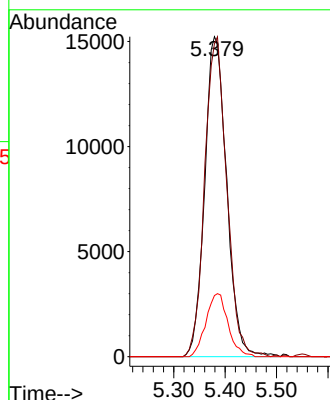
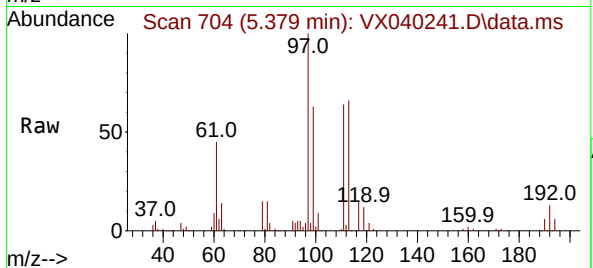
Tgt Ion:113 Resp: 45200
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.9 124.3
 192 19.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#36

1,1-Dichloropropene

Concen: 47.787 ug/l

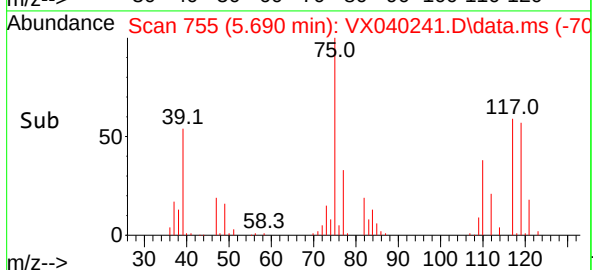
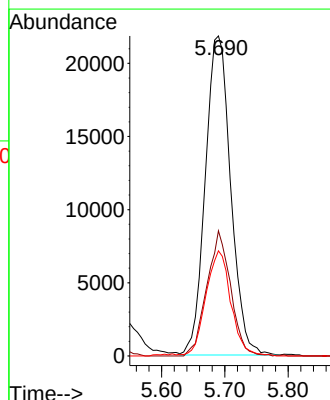
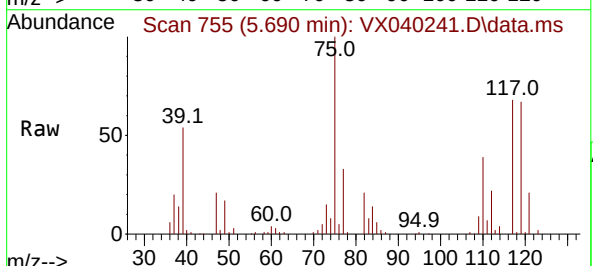
RT: 5.690 min Scan# 755

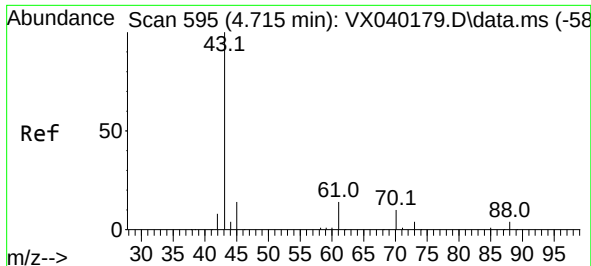
Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Tgt Ion: 75 Resp: 60869
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.0 50.9
 77 32.5 24.7 37.1





#37

Ethyl Acetate

Concen: 49.674 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 70404

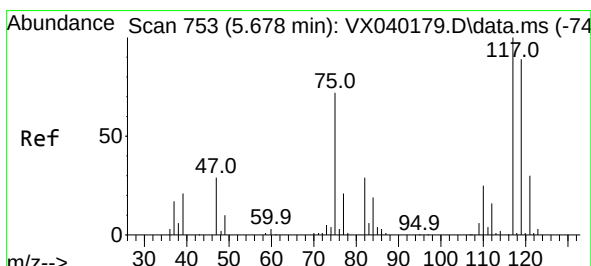
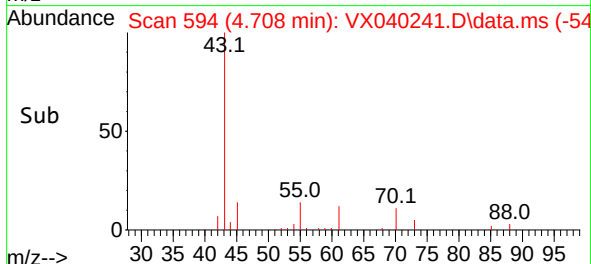
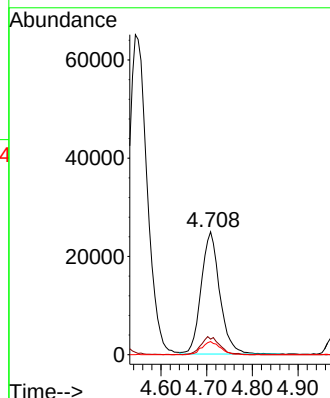
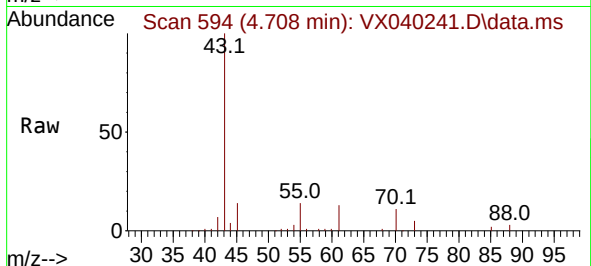
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	10.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#38

Carbon Tetrachloride

Concen: 50.020 ug/l

RT: 5.672 min Scan# 752

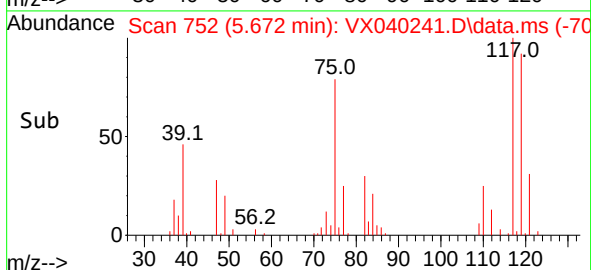
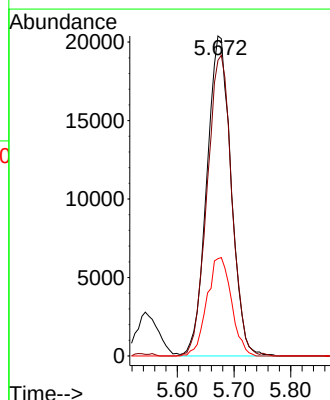
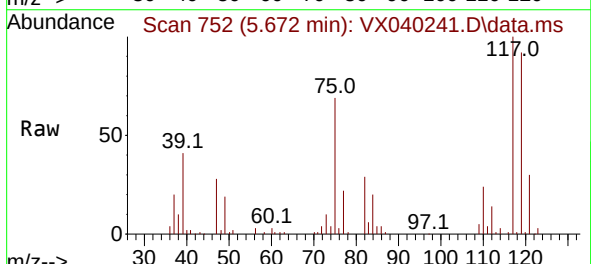
Delta R.T. -0.000 min

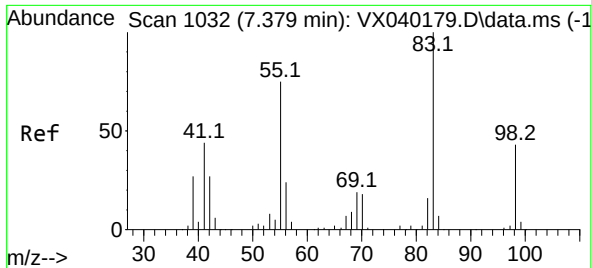
Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Tgt Ion: 117 Resp: 60579

Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.2	117.2
121	30.4	24.4	36.6





#39
Methylcyclohexane
Concen: 49.189 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

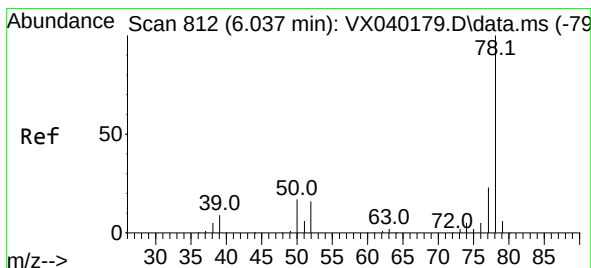
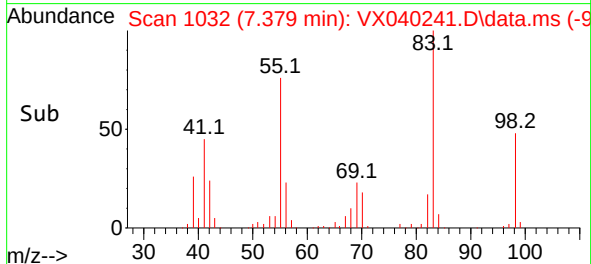
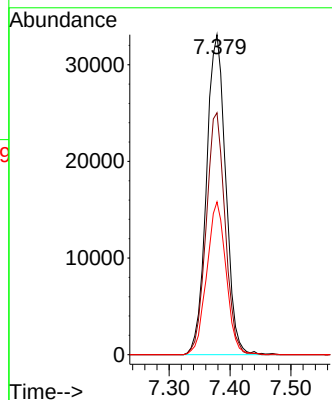
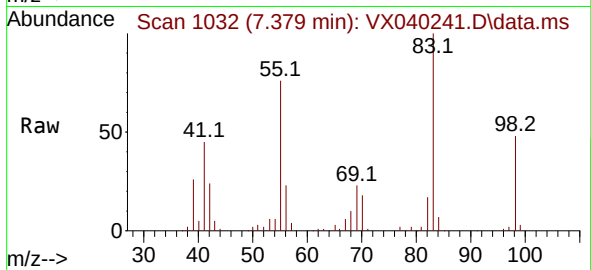
Tgt Ion: 83 Resp: 72814
Ion Ratio Lower Upper
83 100
55 75.6 64.6 97.0
98 47.8 36.7 55.1

Manual Integrations

APPROVED

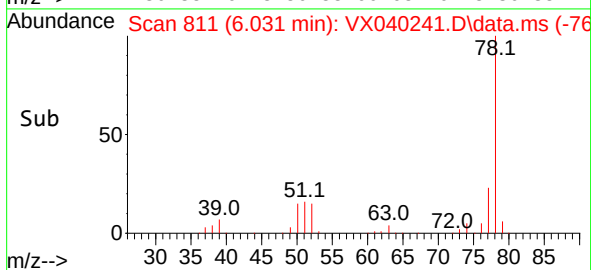
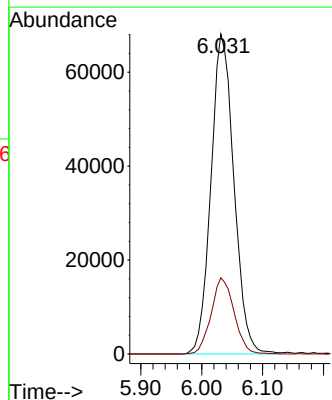
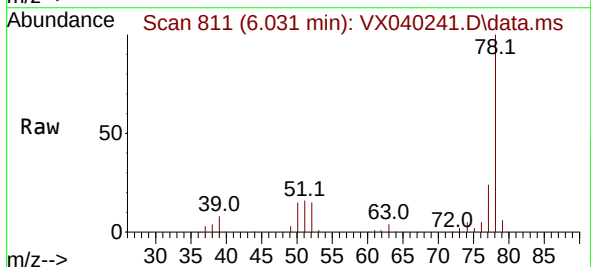
Reviewed By :John Carlone 02/16/2024

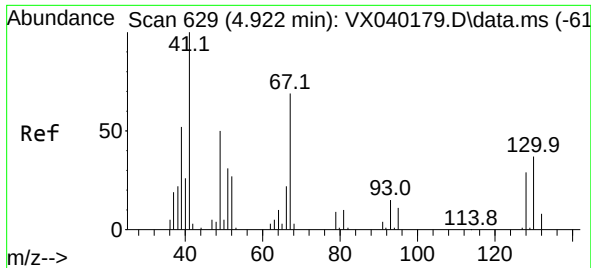
Supervised By :Mahesh Dadoda 02/16/2024



#40
Benzene
Concen: 50.131 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 78 Resp: 178566
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 50.259 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

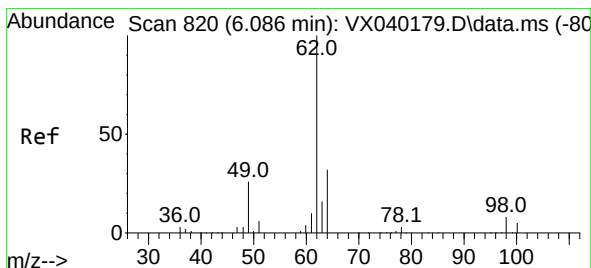
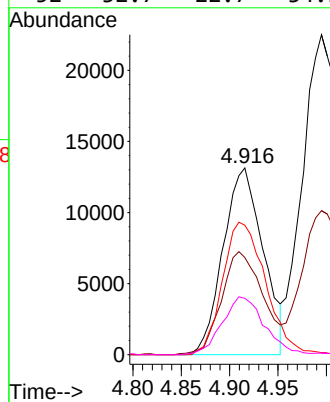
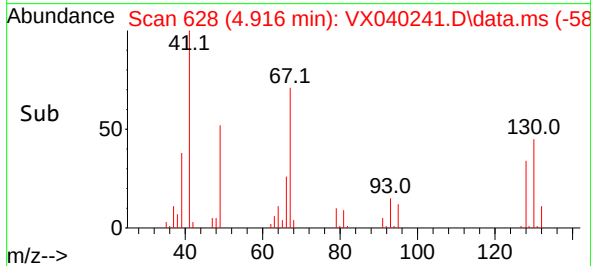
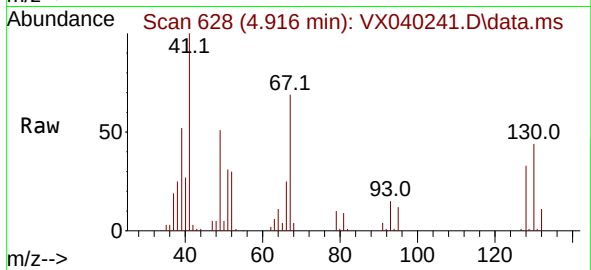
Tgt Ion: 41 Resp: 37762
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 76.4 52.6 78.8
52 32.7 22.7 34.1

Manual Integrations

APPROVED

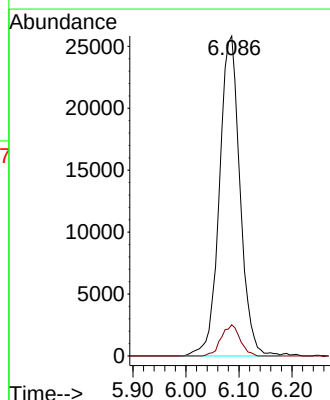
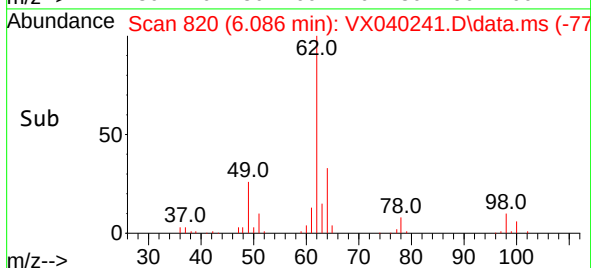
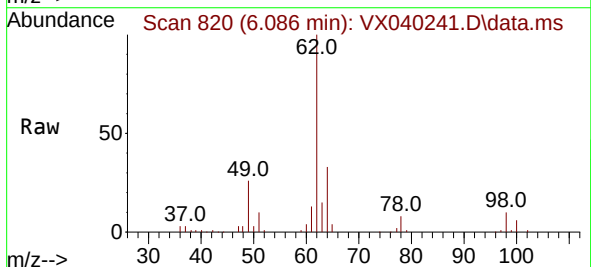
Reviewed By :John Carlone 02/16/2024

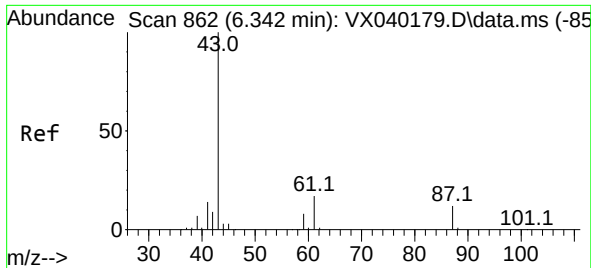
Supervised By :Mahesh Dadoda 02/16/2024



#42
1,2-Dichloroethane
Concen: 50.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 62 Resp: 69760
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.127 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 115330

Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

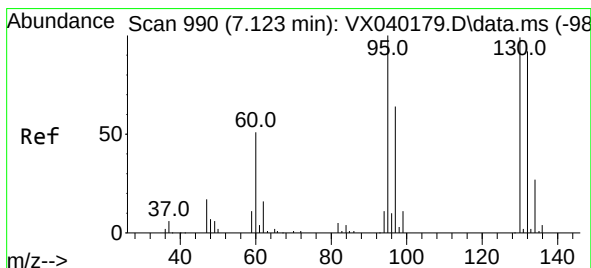
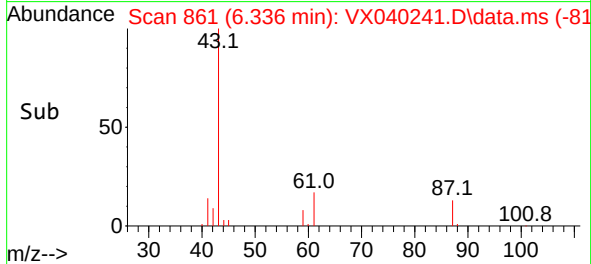
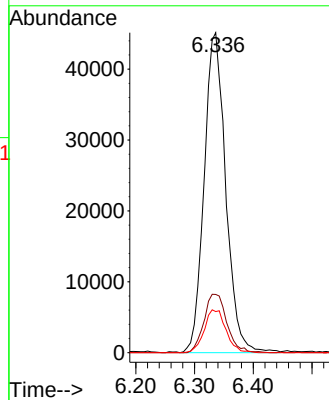
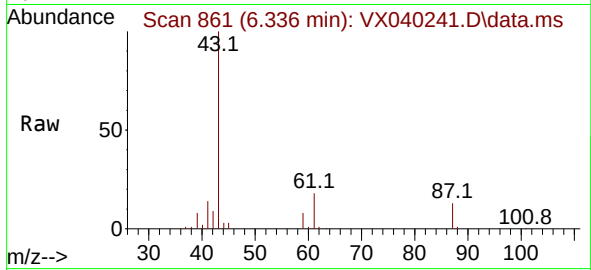
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#44

Trichloroethene

Concen: 48.518 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040241.D

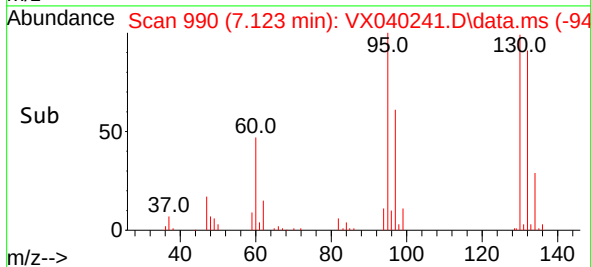
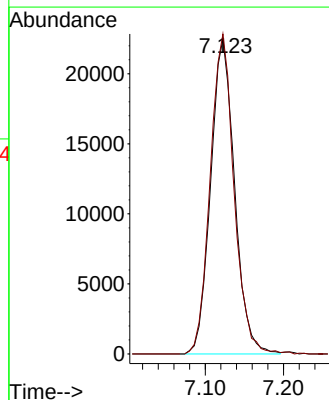
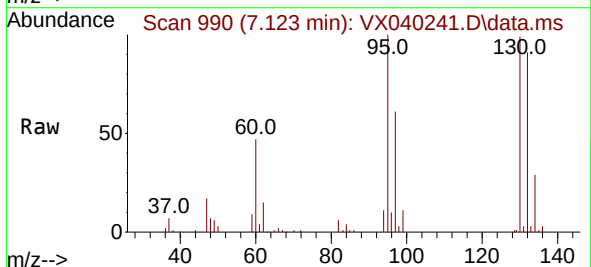
Acq: 15 Feb 2024 10:53

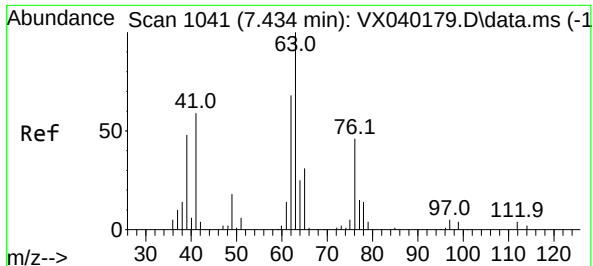
Tgt Ion:130 Resp: 47671

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.941 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 4815

Ion Ratio Lower Upper

63 100

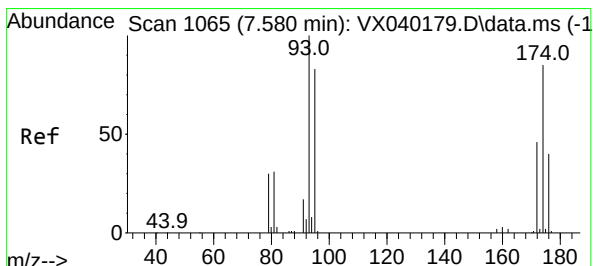
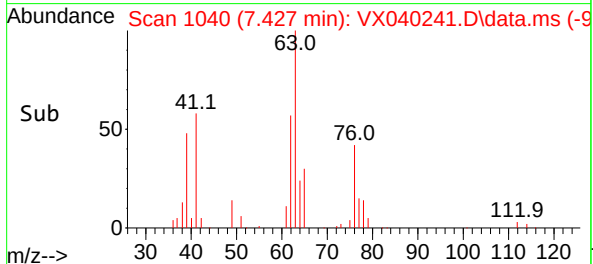
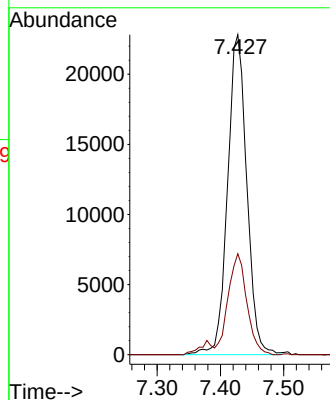
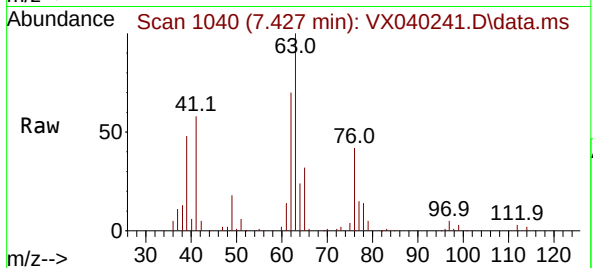
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#46

Dibromomethane

Concen: 53.393 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

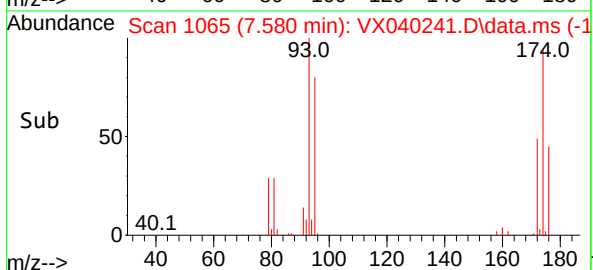
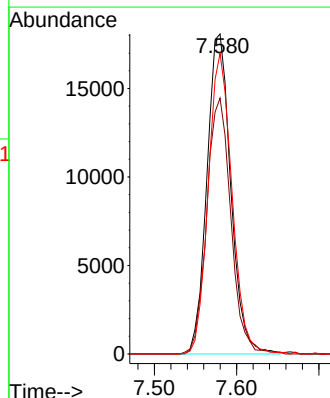
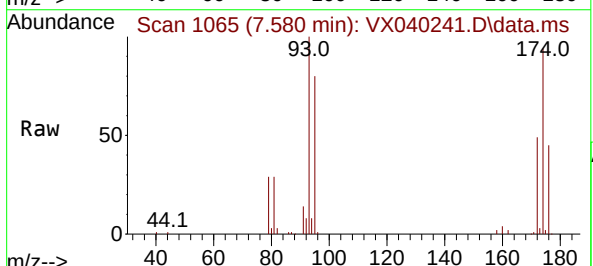
Tgt Ion: 93 Resp: 36458

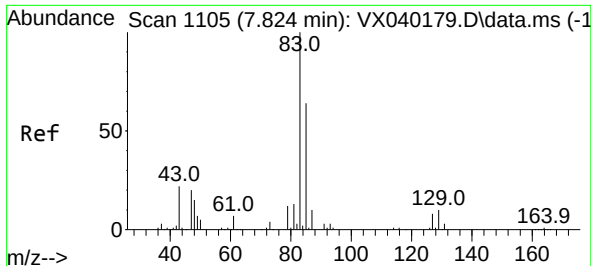
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 93.4 69.4 104.0





#47
Bromodichloromethane
Concen: 52.379 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

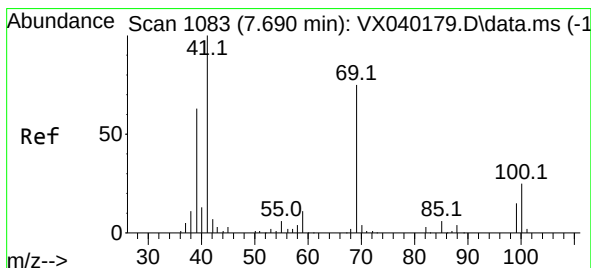
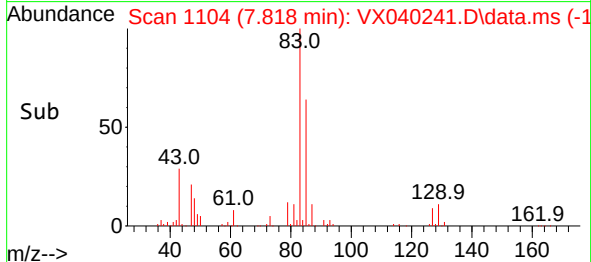
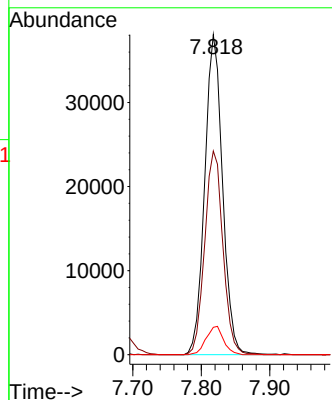
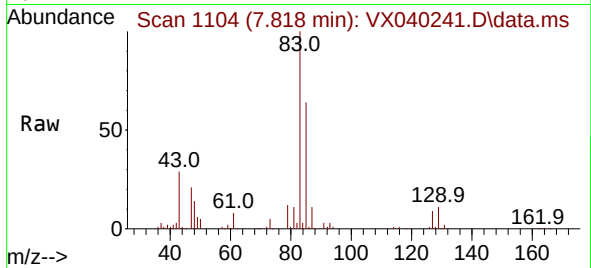
VSTDCCC050

Tgt Ion: 83 Resp: 68914
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations

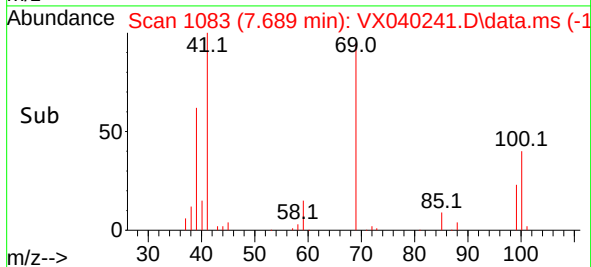
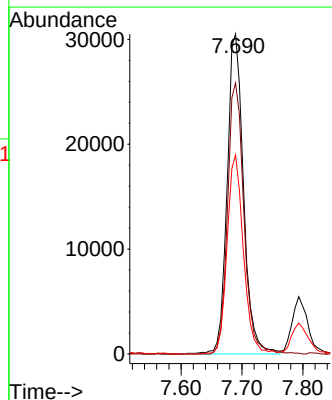
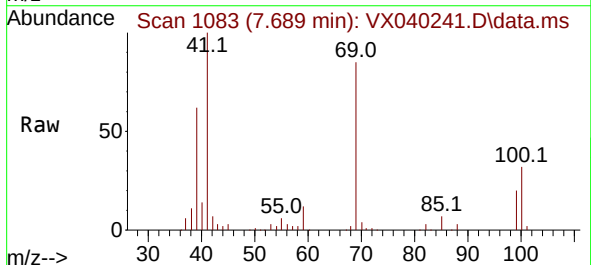
APPROVED

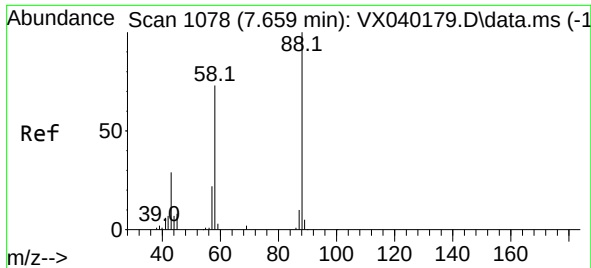
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#48
Methyl methacrylate
Concen: 50.349 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 41 Resp: 57000
Ion Ratio Lower Upper
41 100
69 84.7 59.2 88.8
39 62.1 47.7 71.5





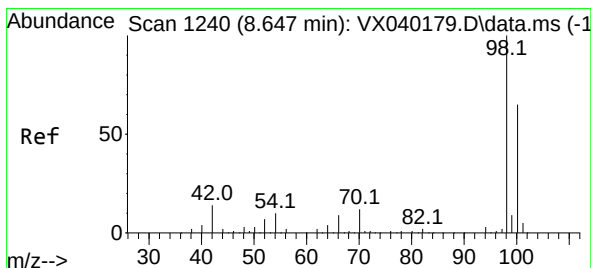
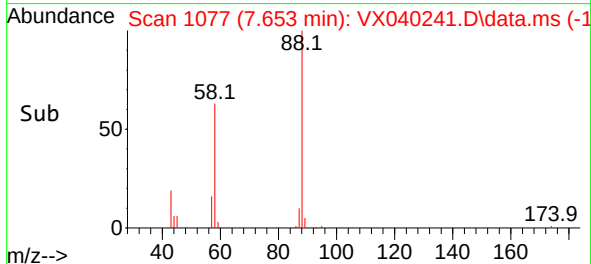
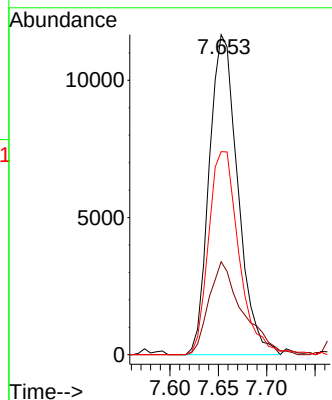
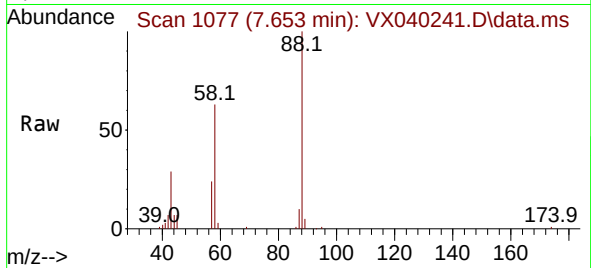
#49
1,4-Dioxane
Concen: 973.922 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 23980
Ion Ratio Lower Upper
88 100
43 34.3 0.0 0.0
58 67.8 60.1 90.1

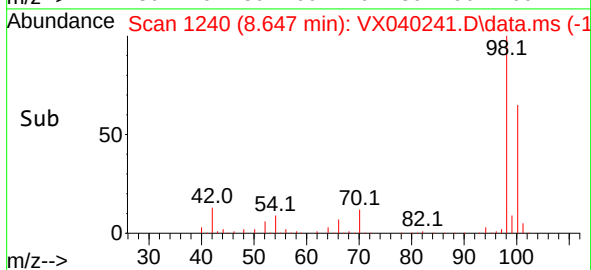
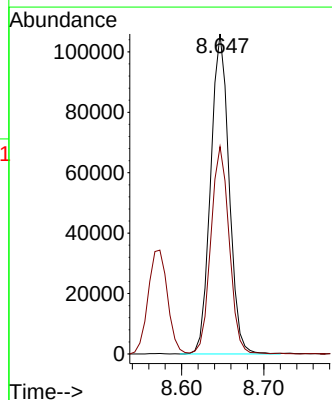
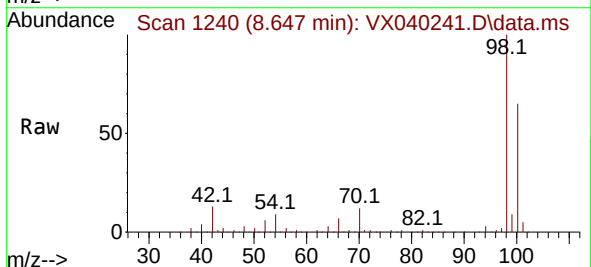
Manual Integrations
APPROVED

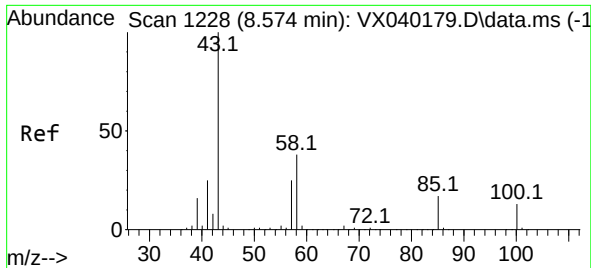
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#50
Toluene-d8
Concen: 48.380 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 98 Resp: 164559
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





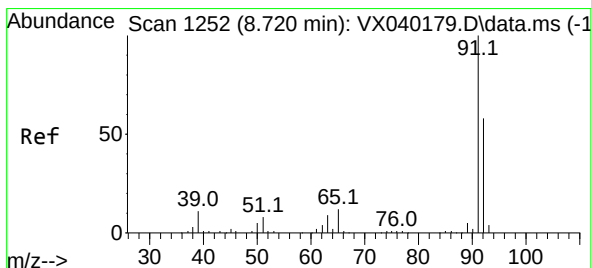
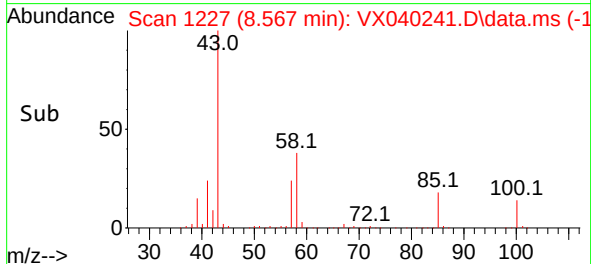
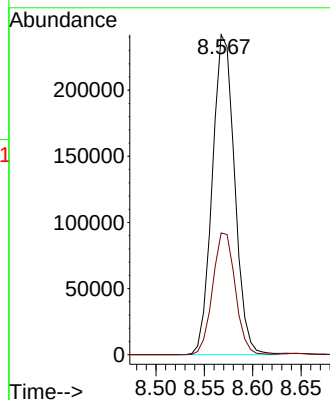
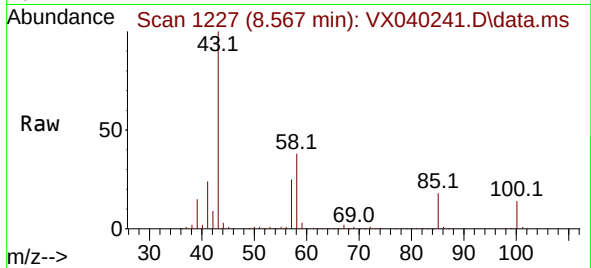
#51
4-Methyl-2-Pentanone
Concen: 257.498 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 38896
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

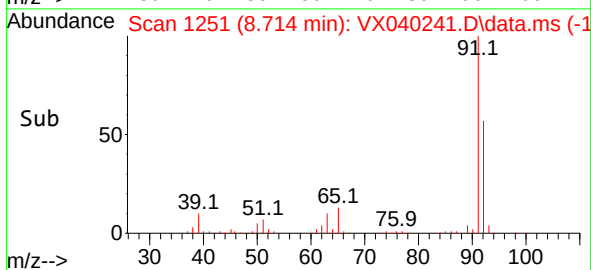
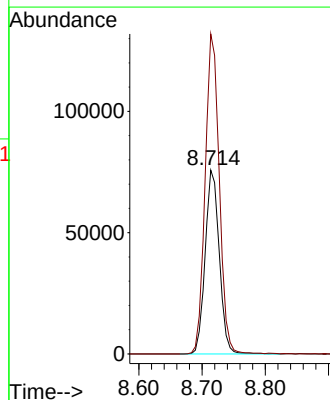
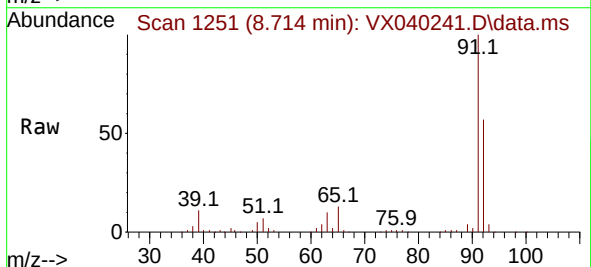
Manual Integrations
APPROVED

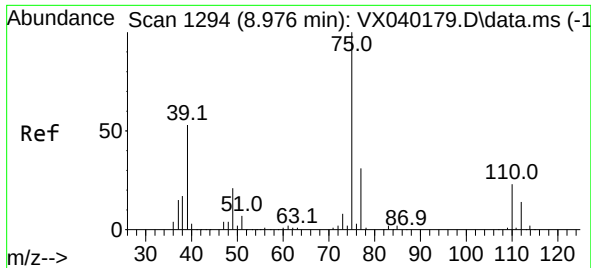
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#52
Toluene
Concen: 50.497 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 92 Resp: 117817
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 47.745 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

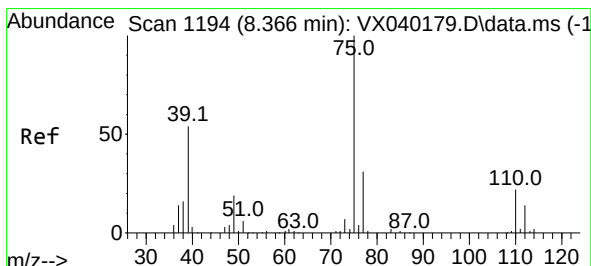
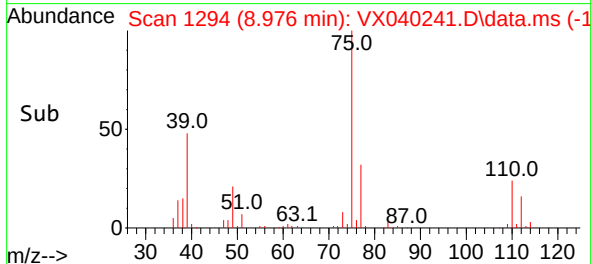
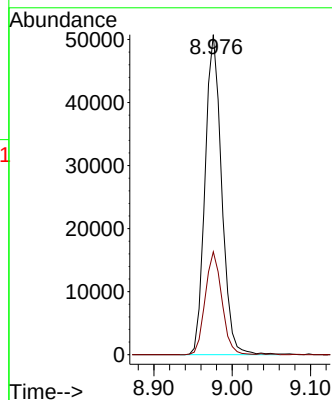
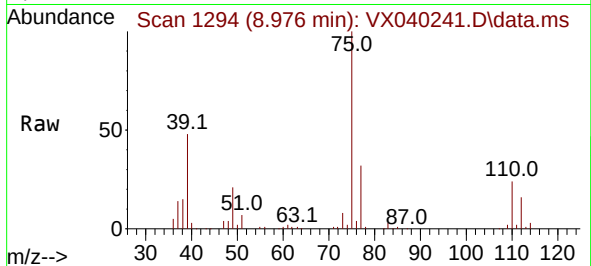
VSTDCCC050

Tgt Ion: 75 Resp: 7466
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations

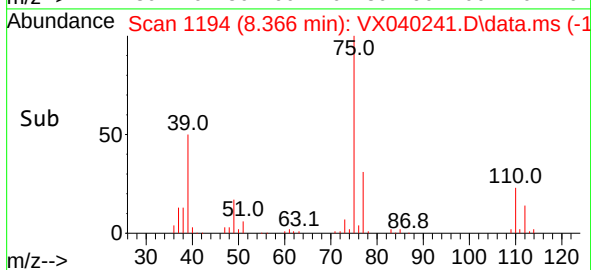
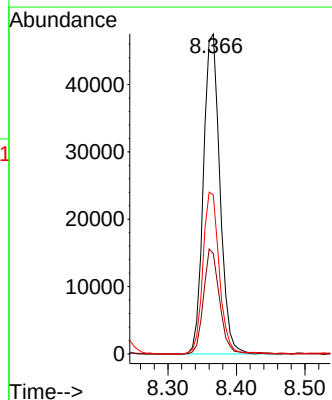
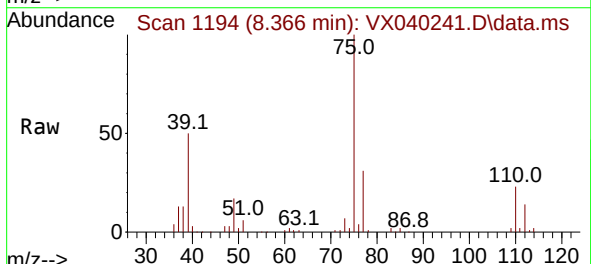
APPROVED

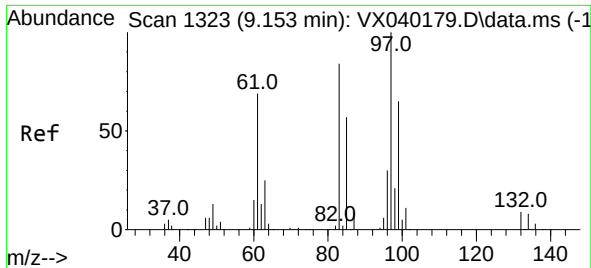
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#54
cis-1,3-Dichloropropene
Concen: 54.145 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

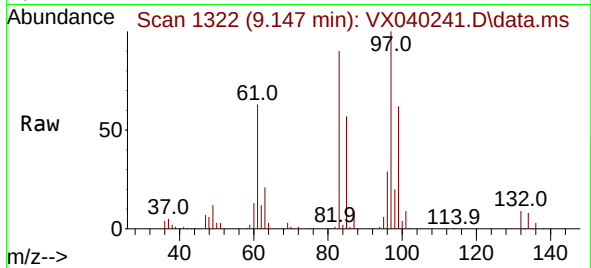
Tgt Ion: 75 Resp: 79837
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 49.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.211 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

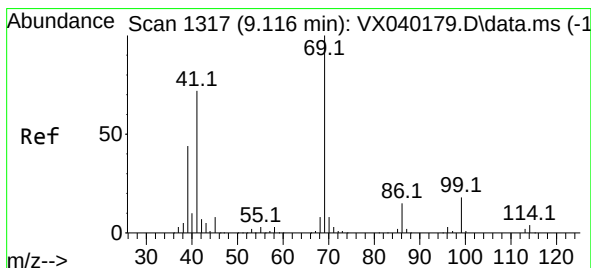
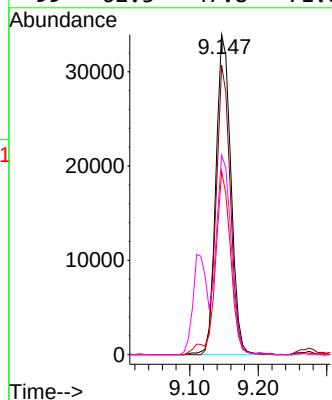
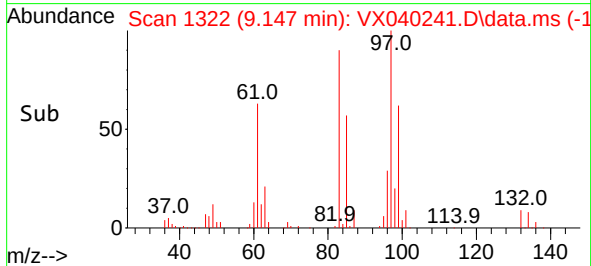
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



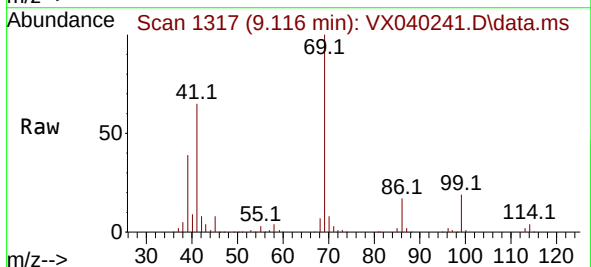
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	65.8	98.8
85	57.3	41.6	62.4
99	62.3	47.8	71.8

Manual Integrations
APPROVED

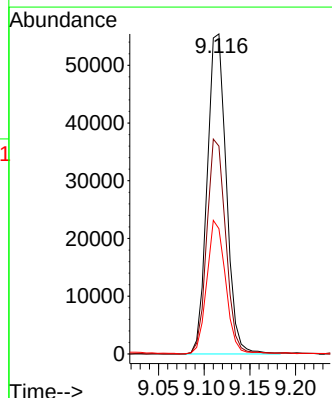
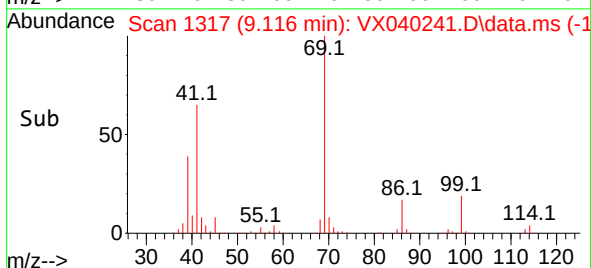
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

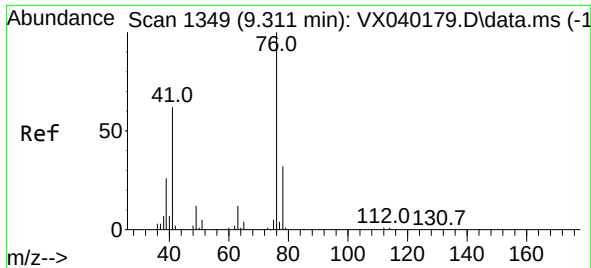


#56
Ethyl methacrylate
Concen: 54.000 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.8	85.2
39	41.3	32.0	48.0





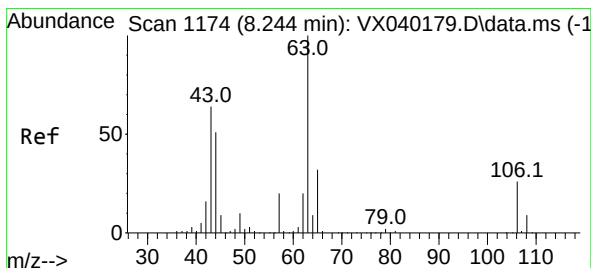
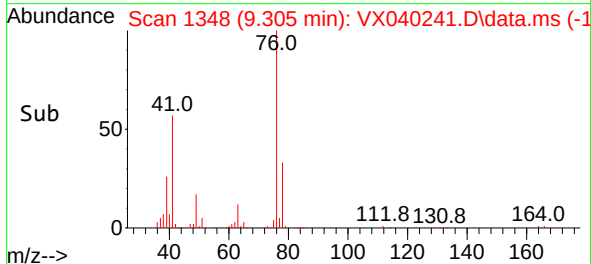
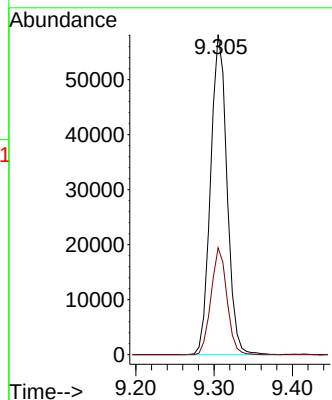
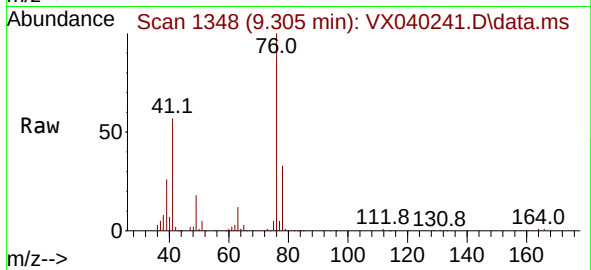
#57
1,3-Dichloropropane
Concen: 52.083 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 84590
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

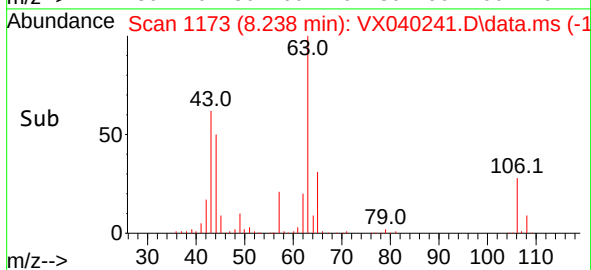
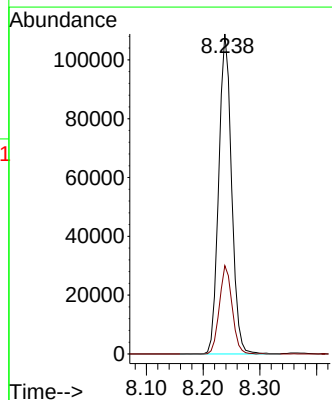
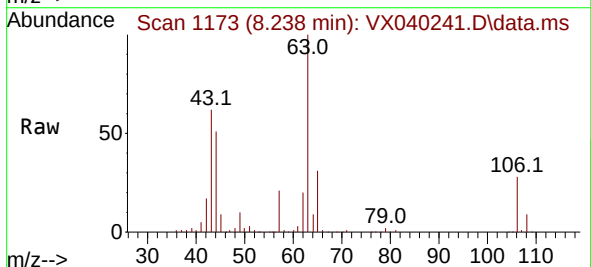
Manual Integrations
APPROVED

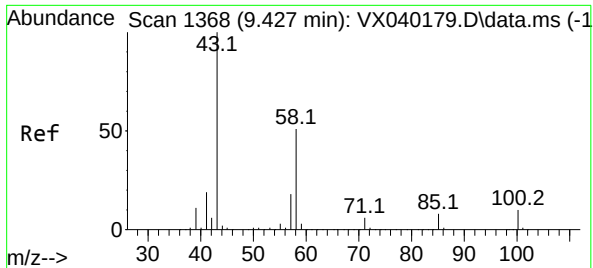
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 242.351 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

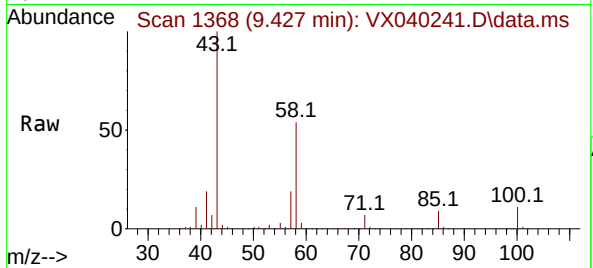
Tgt Ion: 63 Resp: 170794
Ion Ratio Lower Upper
63 100
106 27.3 22.5 33.7





#59
2-Hexanone
Concen: 259.406 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

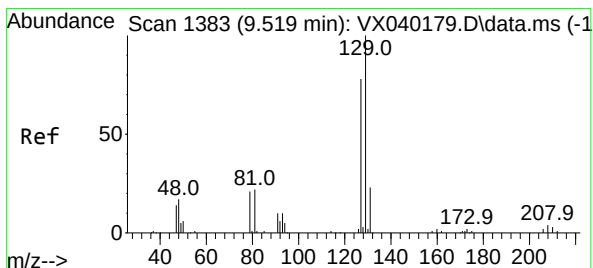
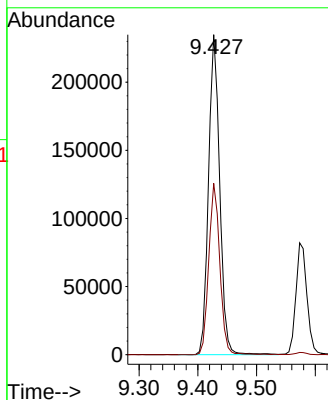
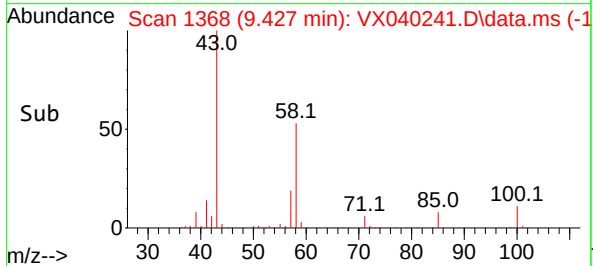
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31067
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

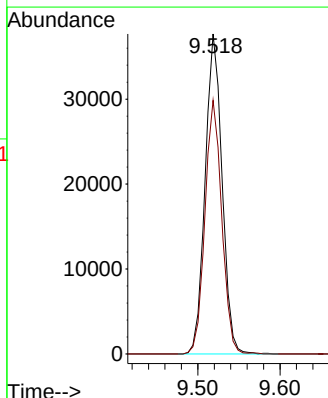
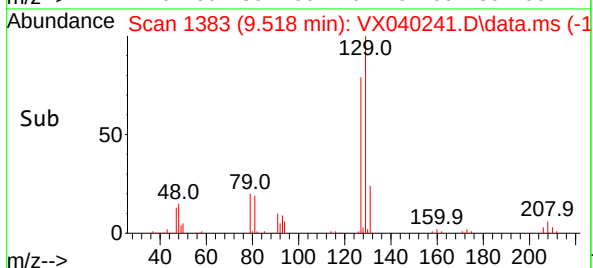
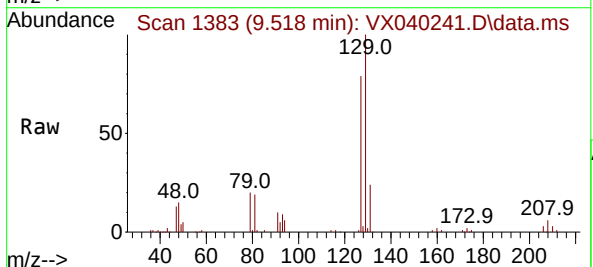
Manual Integrations
APPROVED

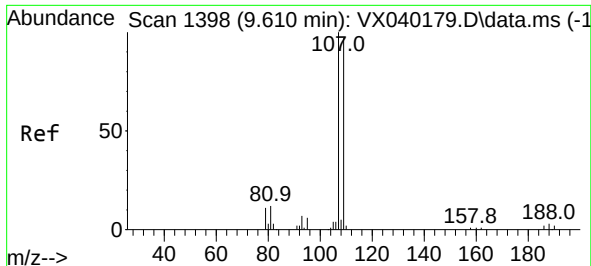
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#60
Dibromochloromethane
Concen: 53.101 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

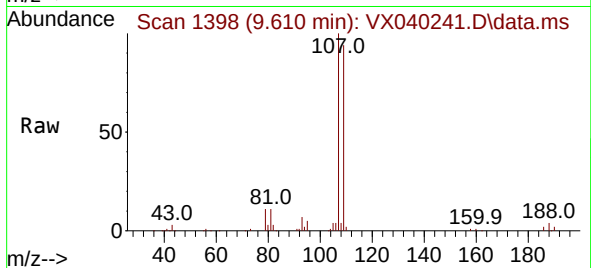
Tgt Ion:129 Resp: 53837
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.238 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

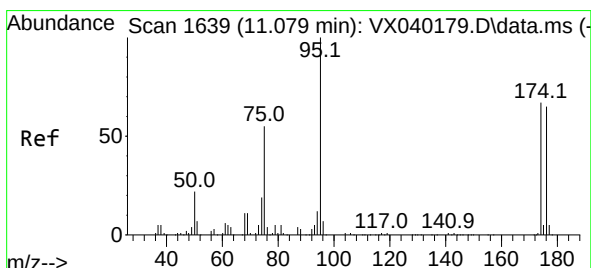
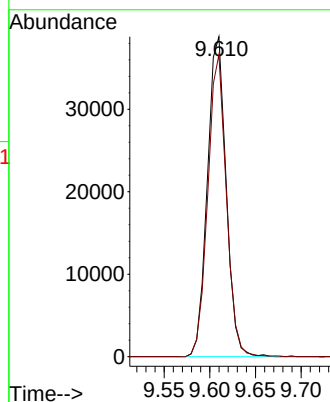
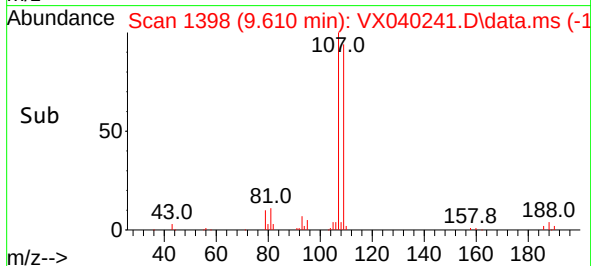
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



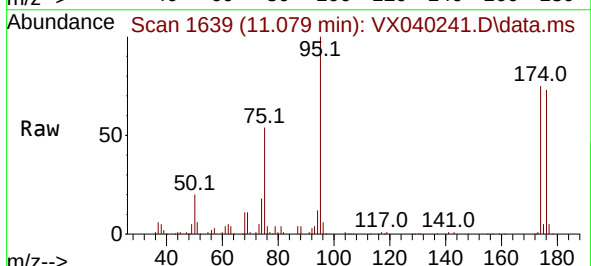
Tgt Ion:107 Resp: 5525
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

Manual Integrations
APPROVED

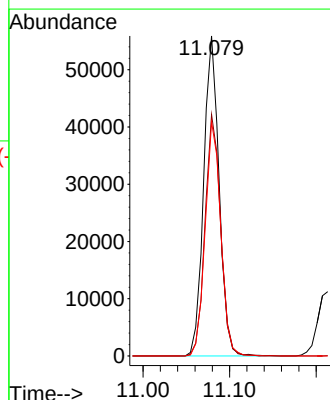
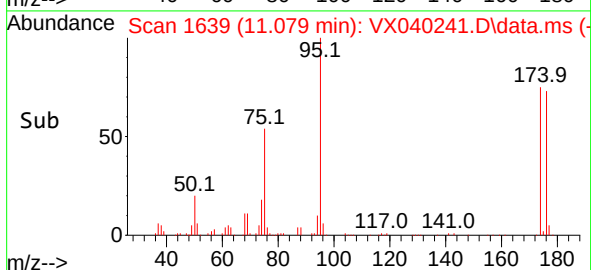
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

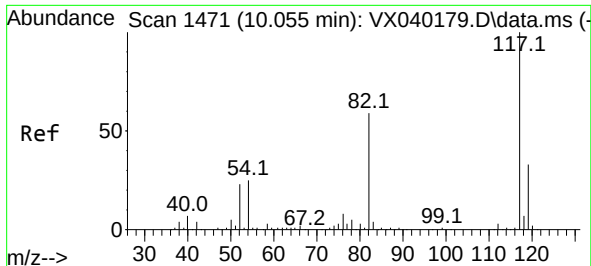


#62
4-Bromofluorobenzene
Concen: 49.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



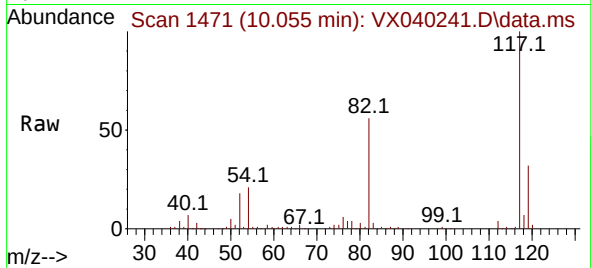
Tgt Ion: 95 Resp: 68979
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

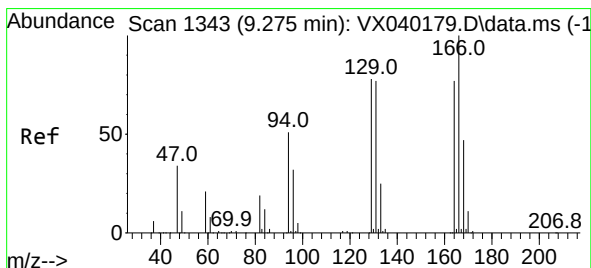
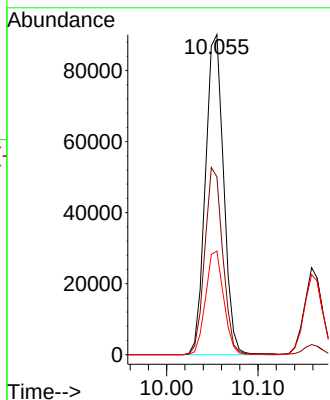
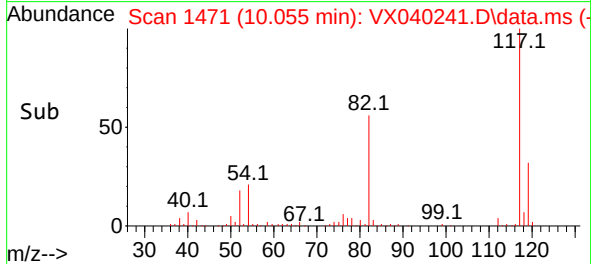
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 12469
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.3 25.5 38.3

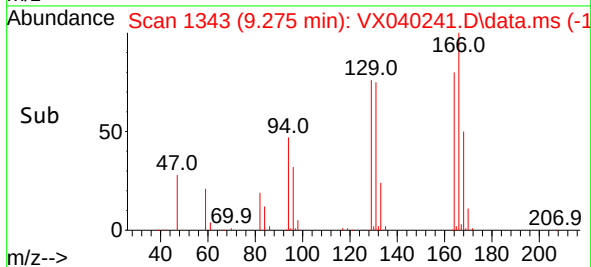
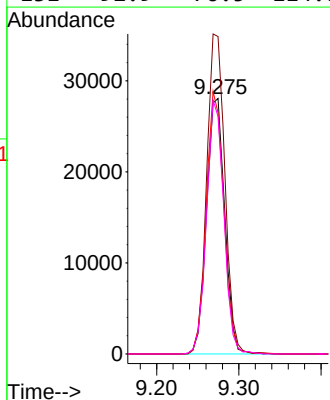
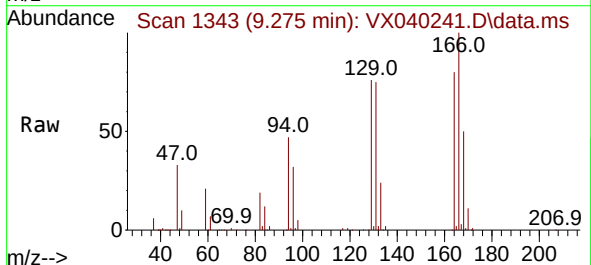
Manual Integrations
APPROVED

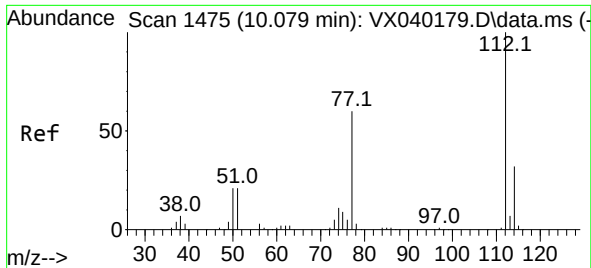
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#64
Tetrachloroethene
Concen: 49.243 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:164 Resp: 43028
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 94.3 80.4 120.6
131 92.9 76.5 114.7





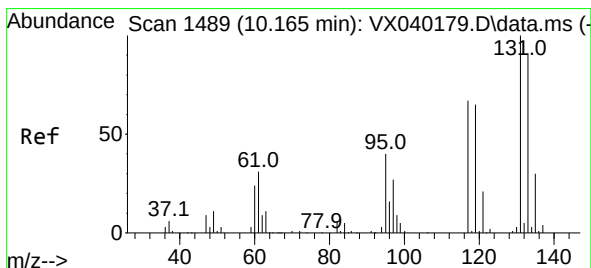
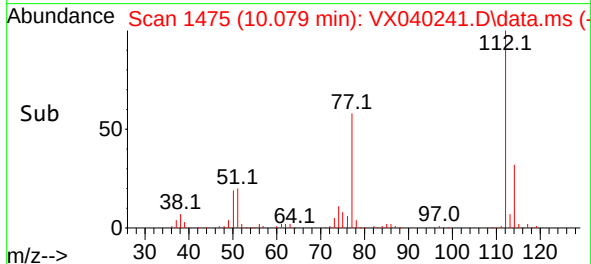
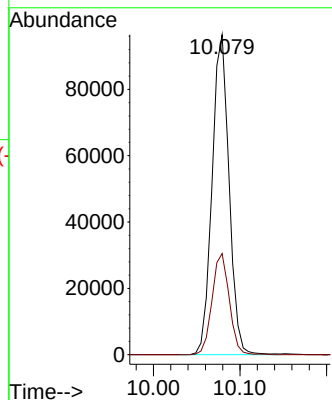
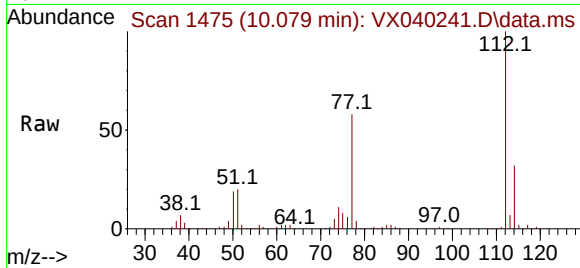
#65
Chlorobenzene
Concen: 50.494 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 131404
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

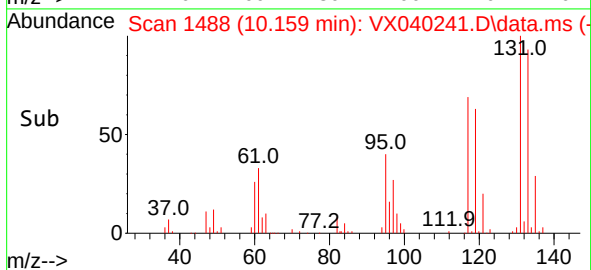
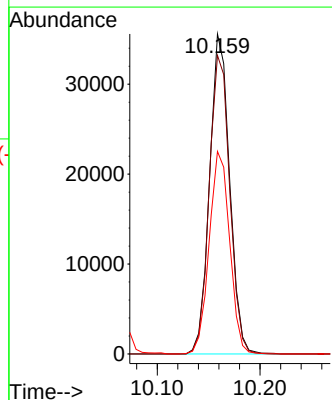
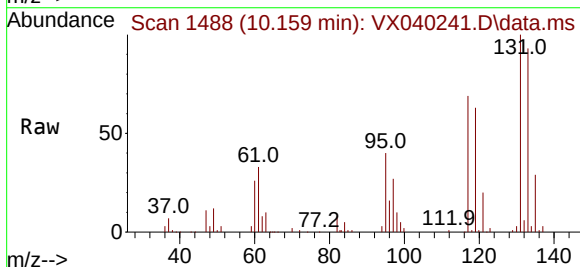
Manual Integrations
APPROVED

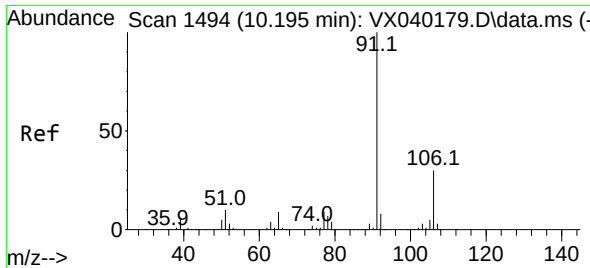
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.381 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

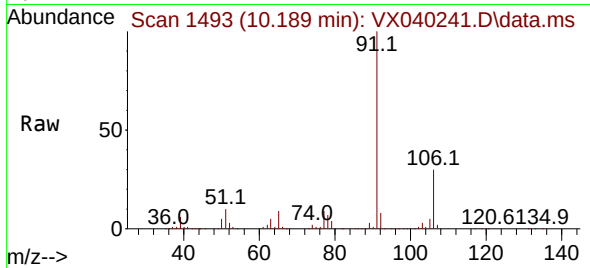
Tgt Ion:131 Resp: 48112
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 51.869 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

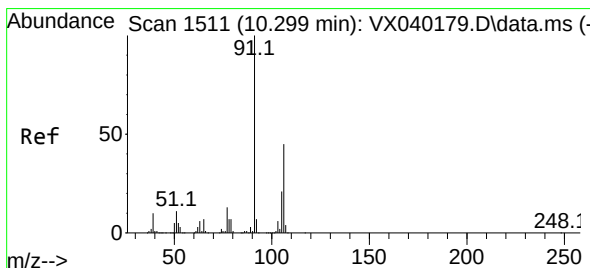
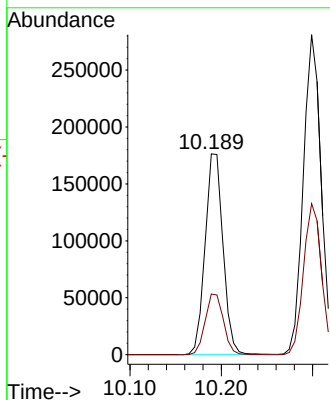
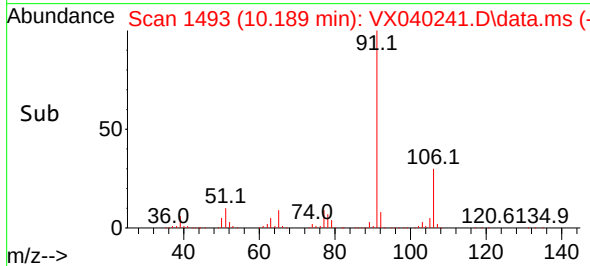
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 240400
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

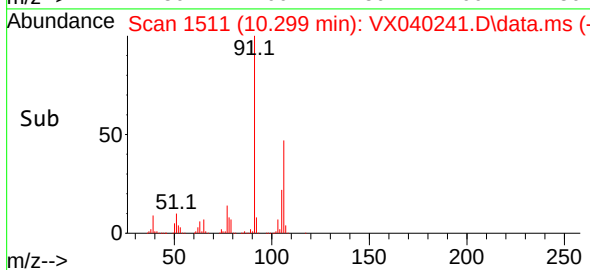
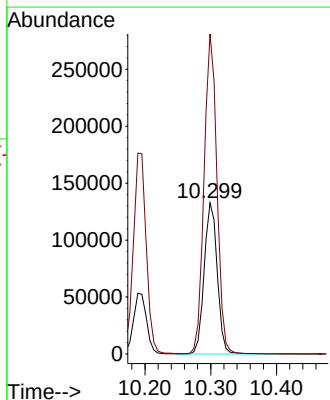
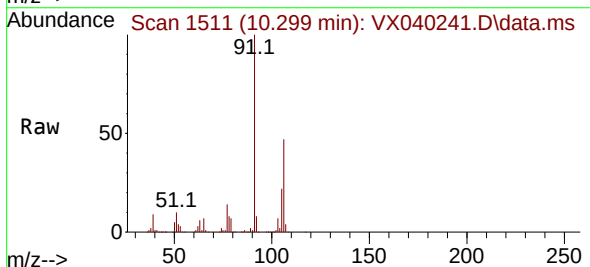
Manual Integrations
APPROVED

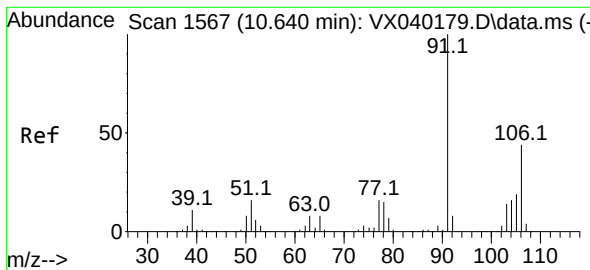
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#68
m/p-Xylenes
Concen: 104.552 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:106 Resp: 183011
Ion Ratio Lower Upper
106 100
91 208.5 165.5 248.3





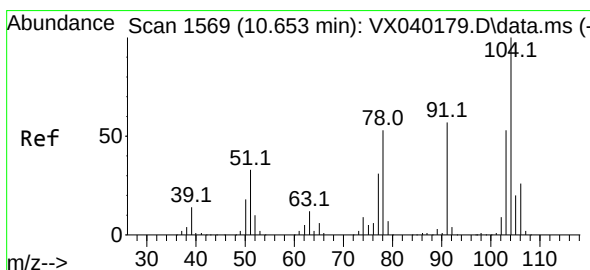
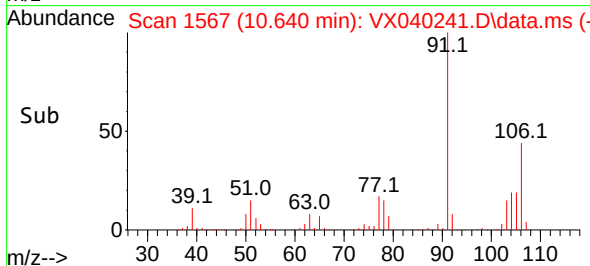
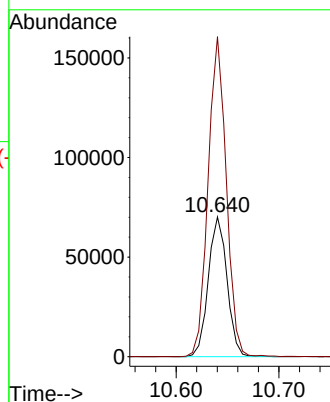
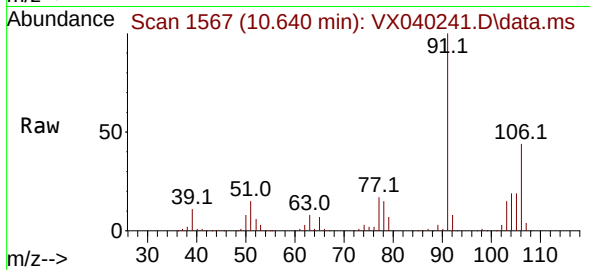
#69
o-Xylene
Concen: 52.310 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 8898
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8

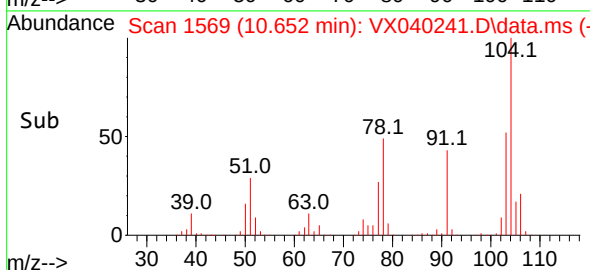
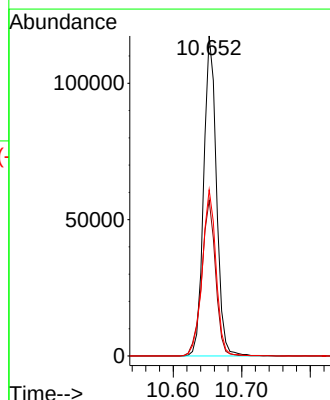
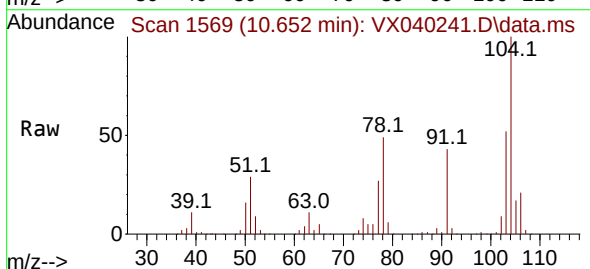
Manual Integrations
APPROVED

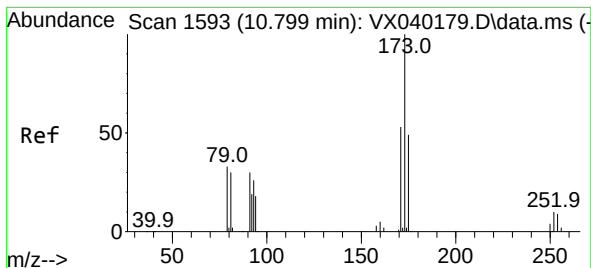
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#70
Styrene
Concen: 53.989 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

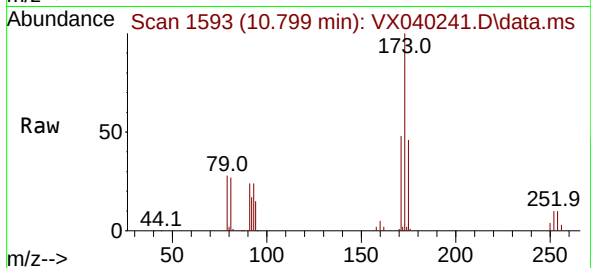
Tgt Ion:104 Resp: 152686
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 49.301 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

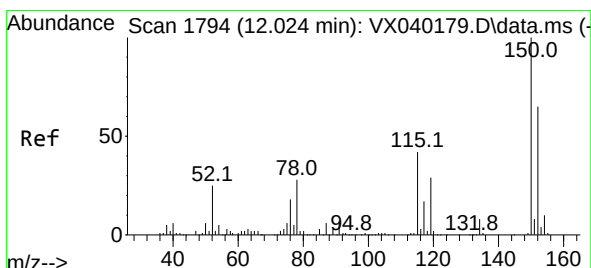
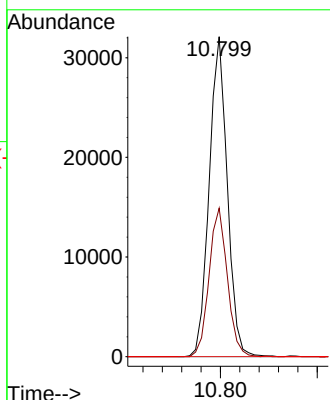
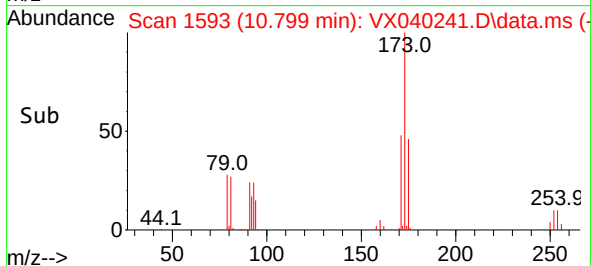
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4171
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

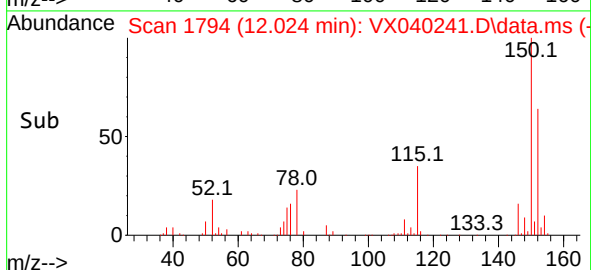
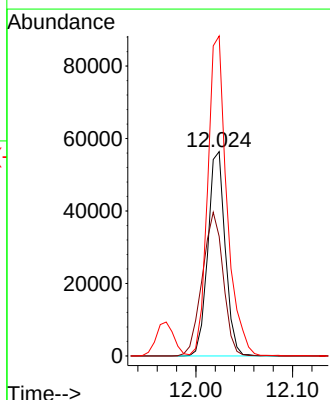
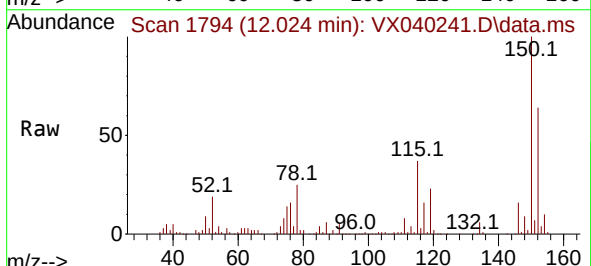
Manual Integrations
APPROVED

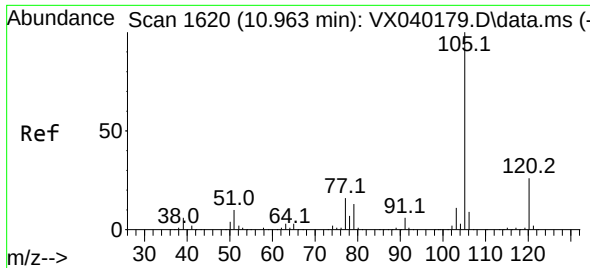
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:152 Resp: 70409
Ion Ratio Lower Upper
152 100
115 84.7 43.3 129.9
150 172.6 0.0 345.0





#73
Isopropylbenzene
Concen: 49.083 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

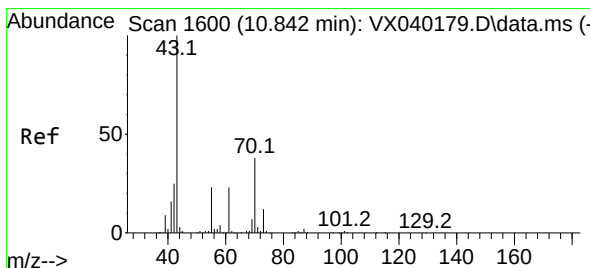
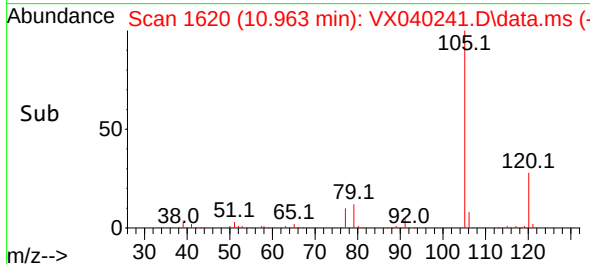
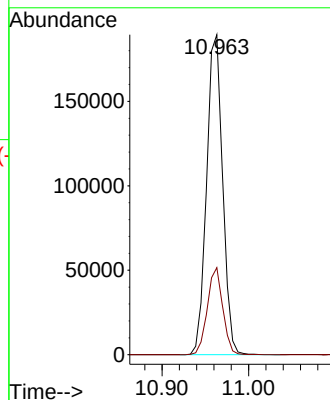
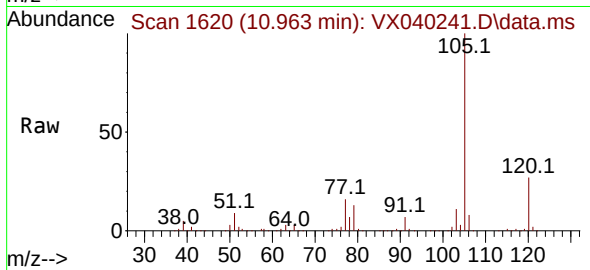
VSTDCCC050

Tgt Ion:105 Resp: 243409
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations

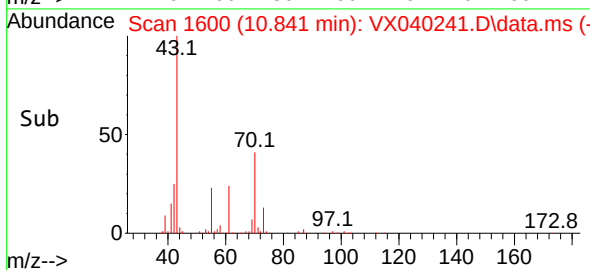
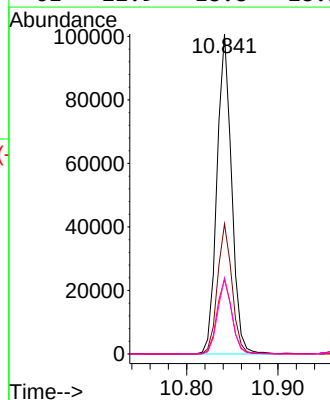
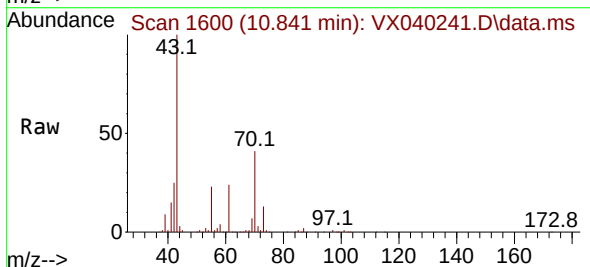
APPROVED

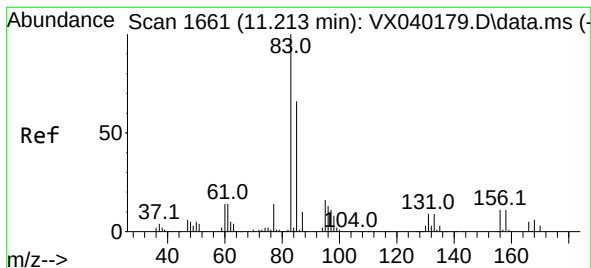
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#74
N-ethyl acetate
Concen: 52.885 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion: 43 Resp: 112416
Ion Ratio Lower Upper
43 100
70 40.3 32.9 49.3
55 23.7 19.3 28.9
61 22.9 18.8 28.2





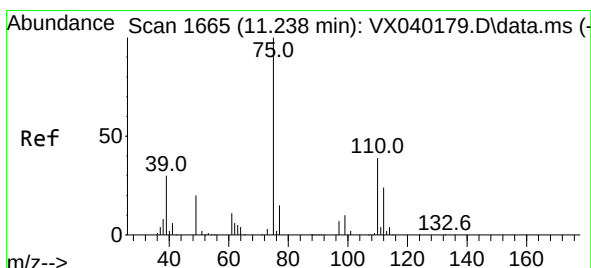
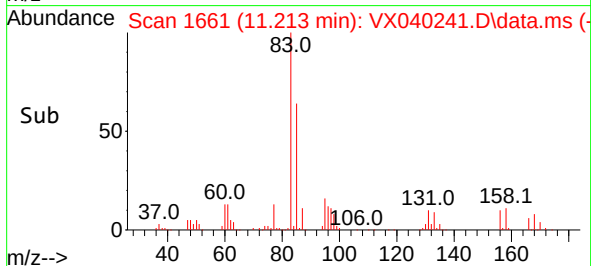
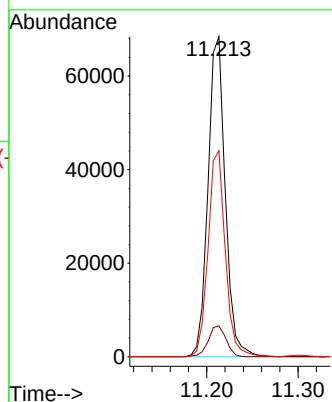
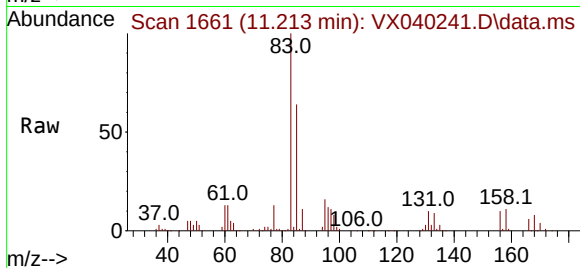
#75
1,1,2,2-Tetrachloroethane
Concen: 50.137 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 89328
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.3 32.0 96.2

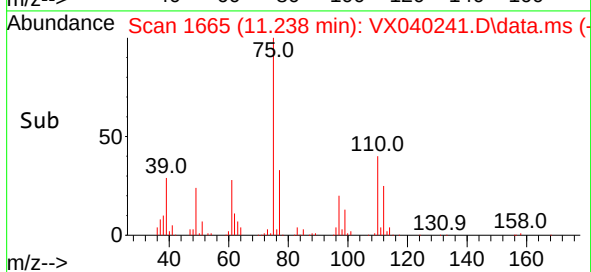
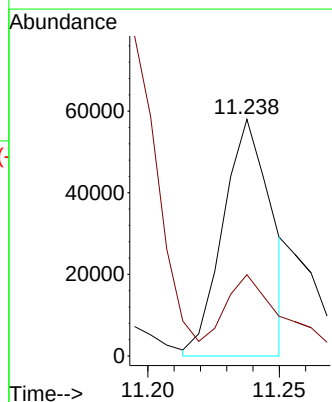
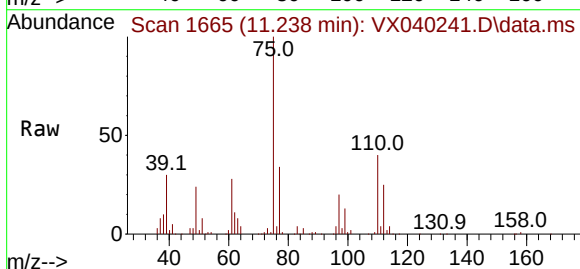
Manual Integrations
APPROVED

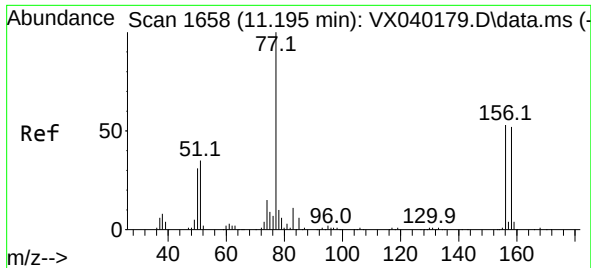
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#76
1,2,3-Trichloropropane
Concen: 51.709 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

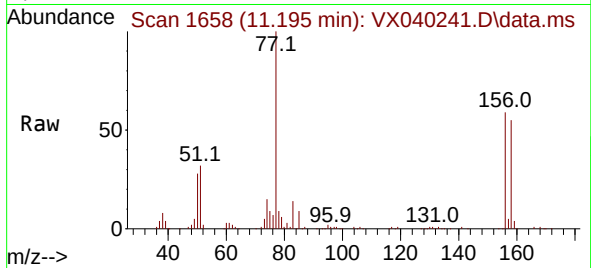
Tgt Ion: 75 Resp: 73727
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77
Bromobenzene
Concen: 51.294 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

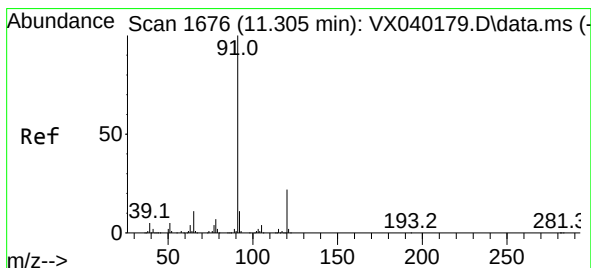
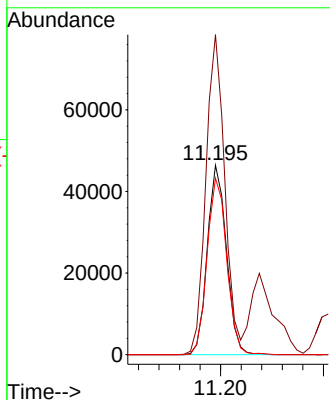
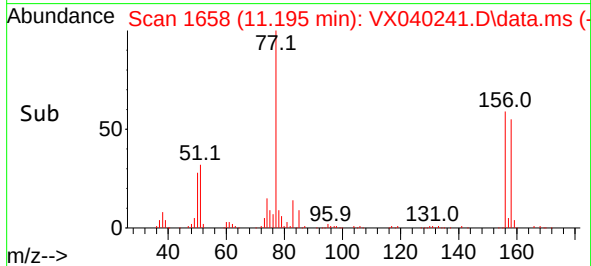
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



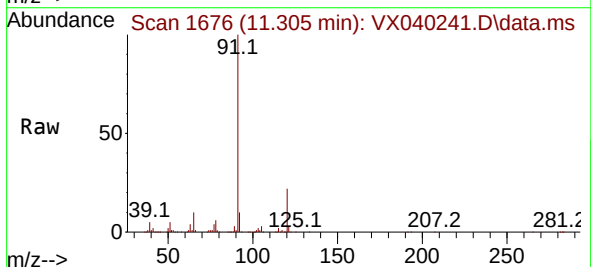
Tgt Ion:156 Resp: 60080
Ion Ratio Lower Upper
156 100
77 166.3 88.4 265.3
158 95.2 48.0 144.0

Manual Integrations
APPROVED

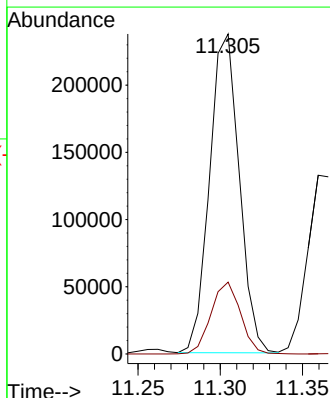
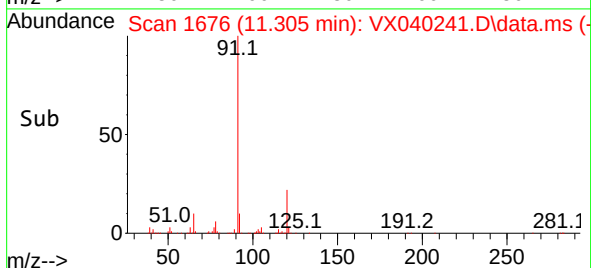
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

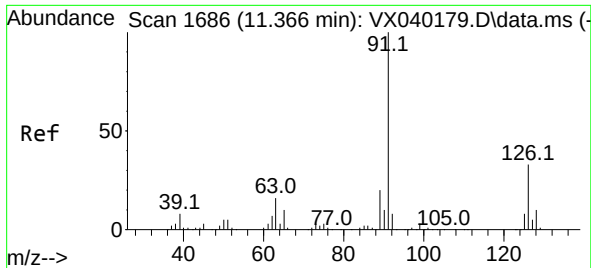


#78
n-propylbenzene
Concen: 49.653 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



Tgt Ion: 91 Resp: 298112
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





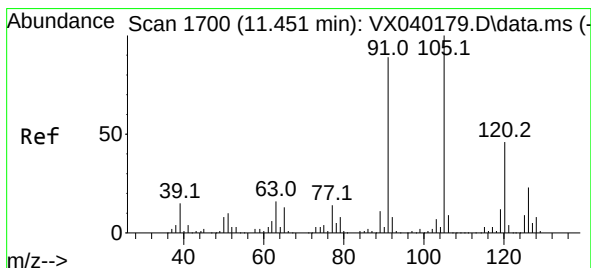
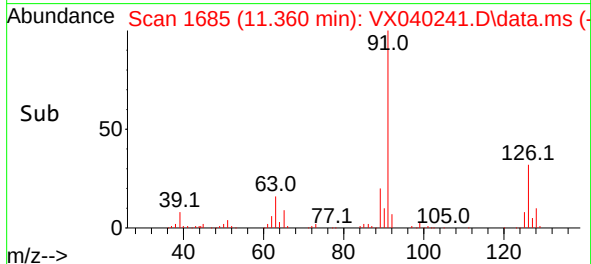
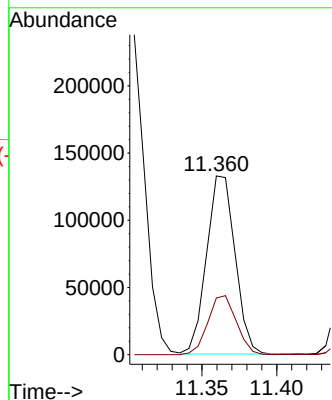
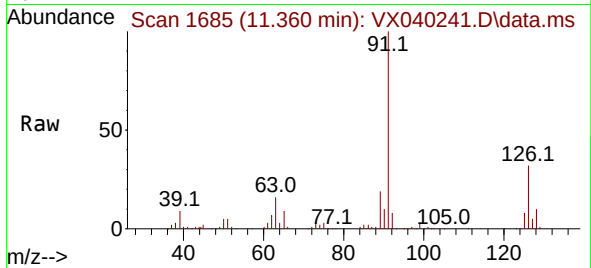
#79
2-Chlorotoluene
Concen: 48.557 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17604
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

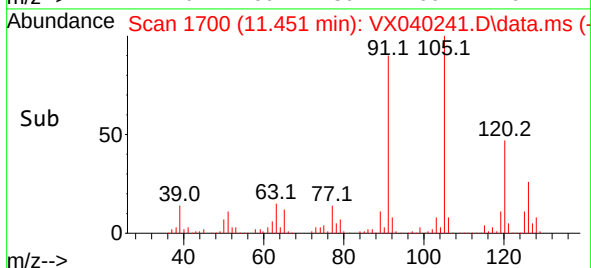
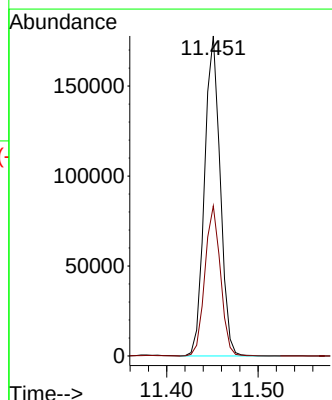
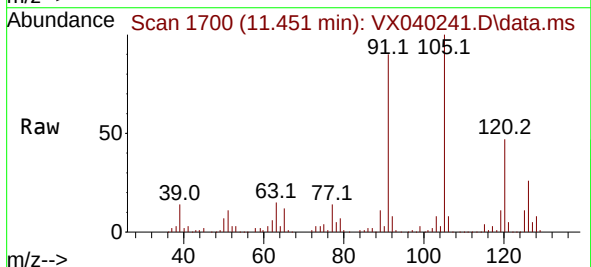
Manual Integrations
APPROVED

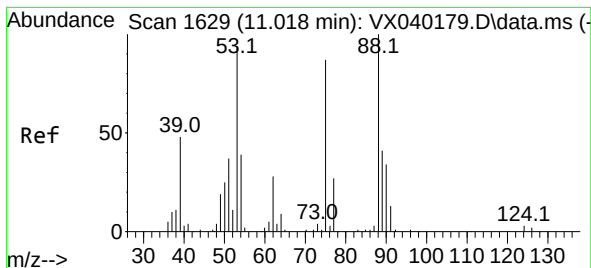
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.571 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:105 Resp: 211132
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





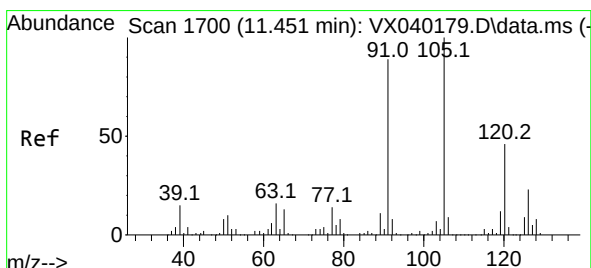
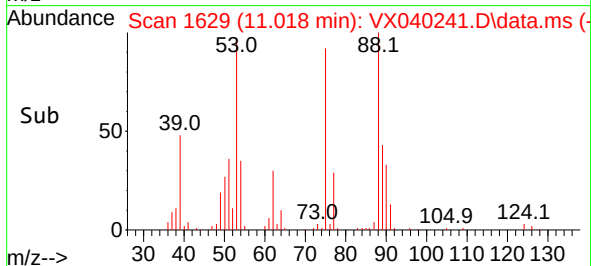
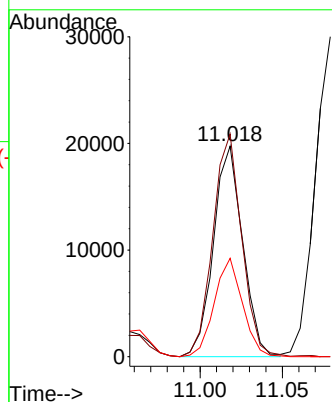
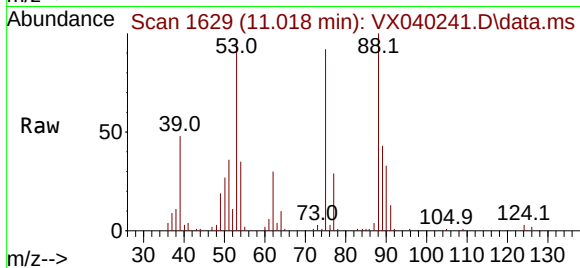
#81
trans-1,4-Dichloro-2-butene
Concen: 48.217 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
53 104.5 90.5 135.7
89 45.1 36.9 55.3

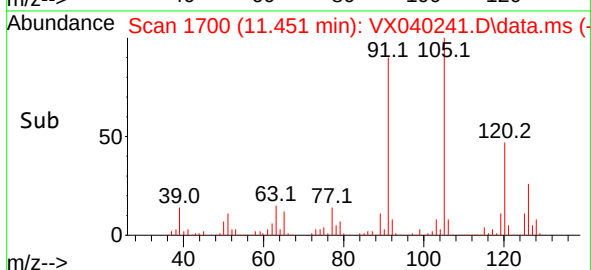
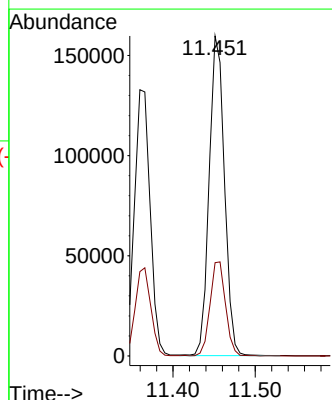
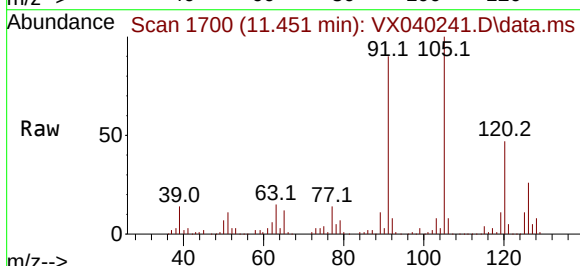
Manual Integrations
APPROVED

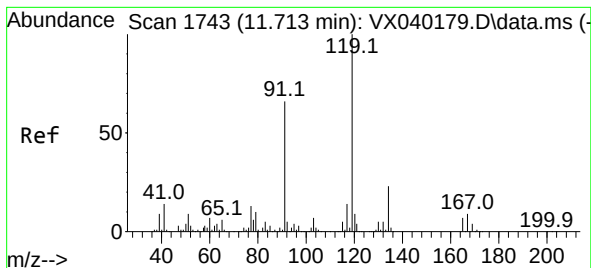
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#82
4-Chlorotoluene
Concen: 48.023 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

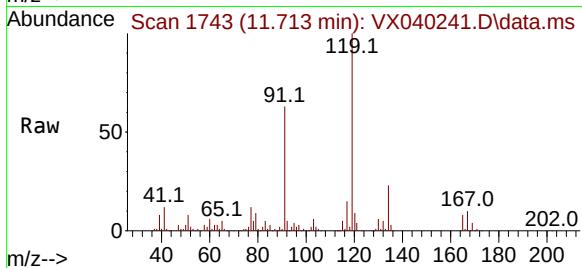
Tgt Ion: 91 Resp: 206288
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.612 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

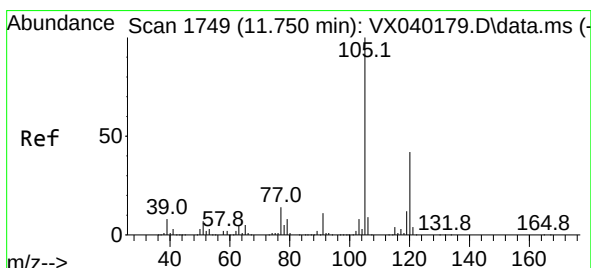
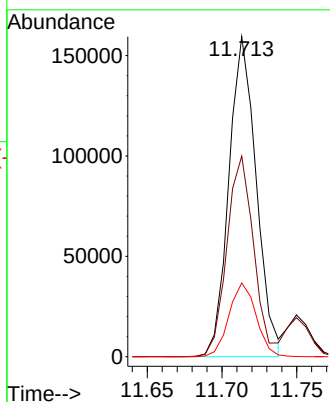
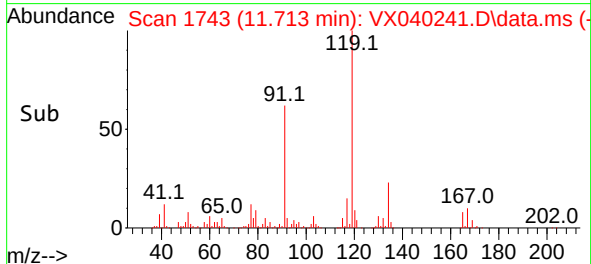
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



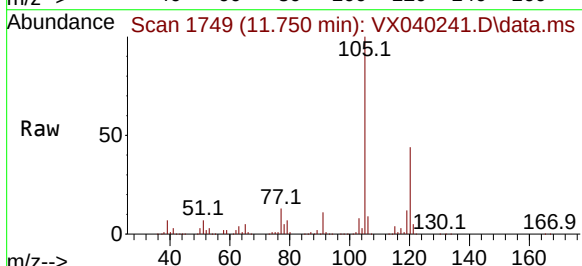
Tgt Ion:119 Resp: 203069
Ion Ratio Lower Upper
119 100
91 61.8 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

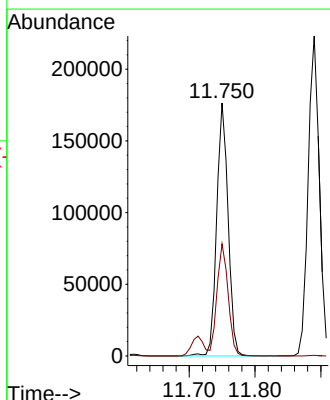
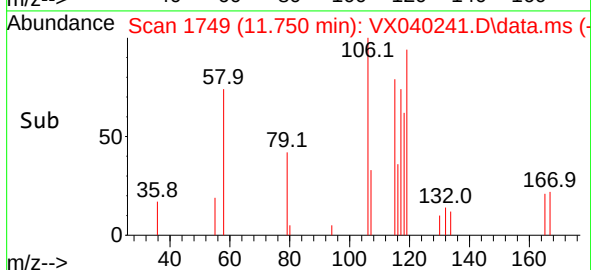
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

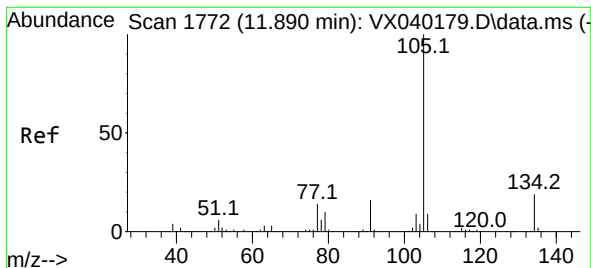


#84
1,2,4-Trimethylbenzene
Concen: 50.433 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



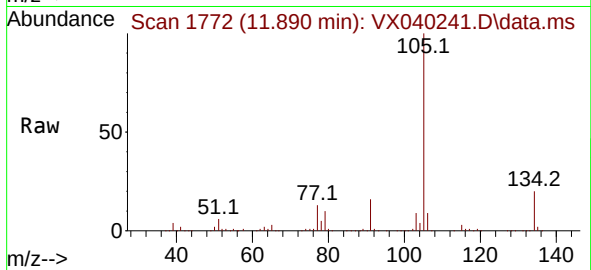
Tgt Ion:105 Resp: 213024
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.232 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040241.D
 Acq: 15 Feb 2024 10:53

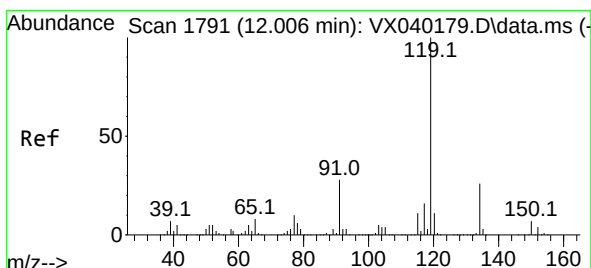
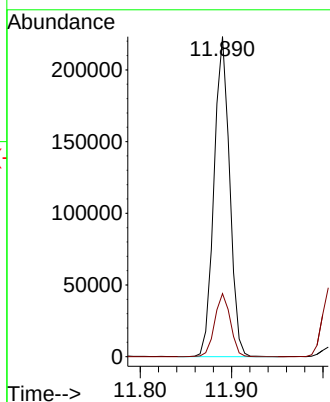
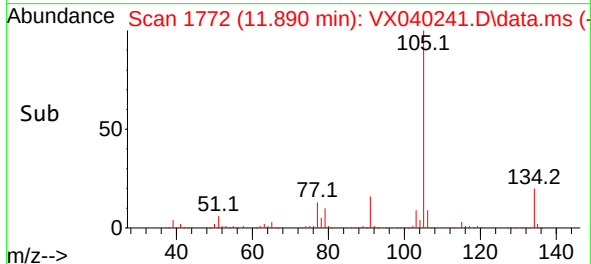
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



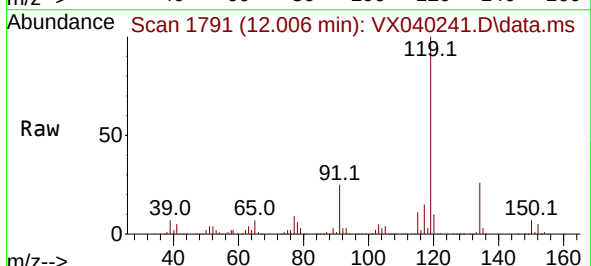
Tgt Ion:105 Resp: 26424
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

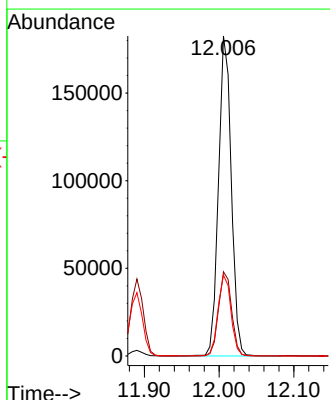
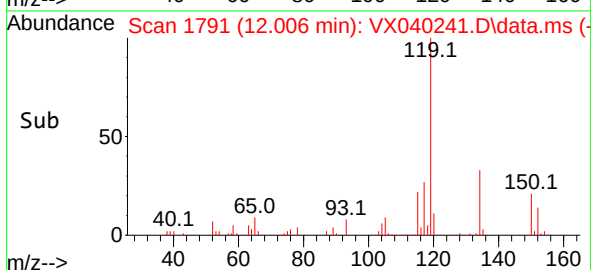
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

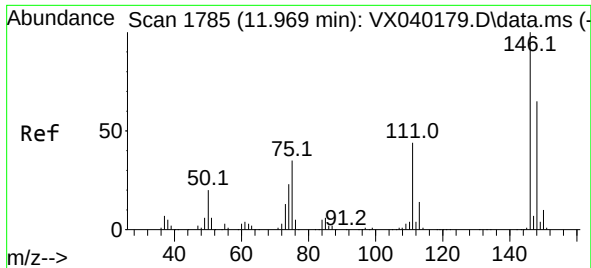


#86
 p-Isopropyltoluene
 Concen: 50.177 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040241.D
 Acq: 15 Feb 2024 10:53



Tgt Ion:119 Resp: 216364
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.354 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 116860

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.1

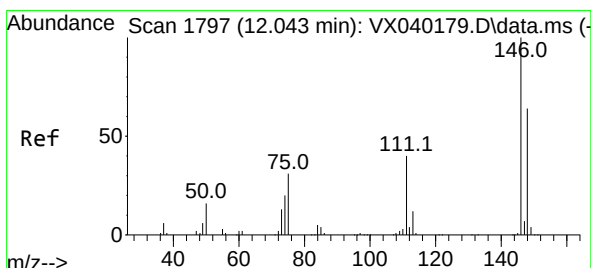
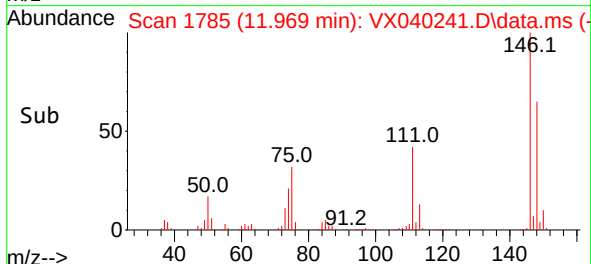
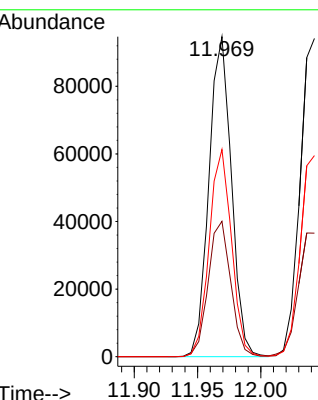
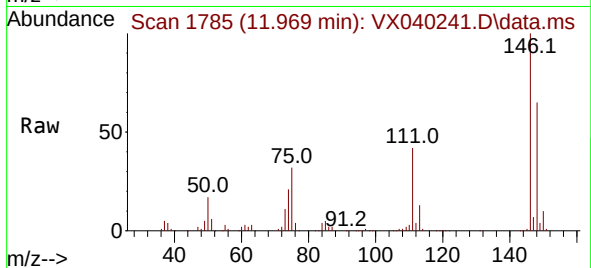
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#88

1,4-Dichlorobenzene

Concen: 48.828 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040241.D

Acq: 15 Feb 2024 10:53

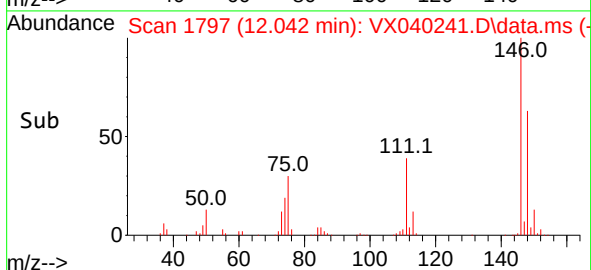
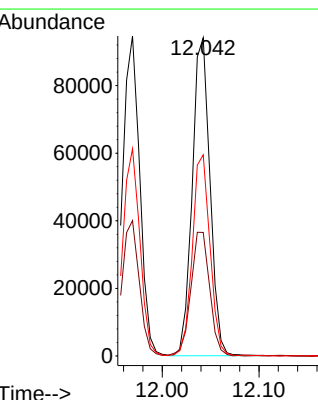
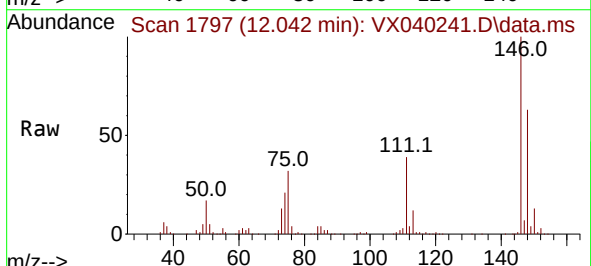
Tgt Ion:146 Resp: 119993

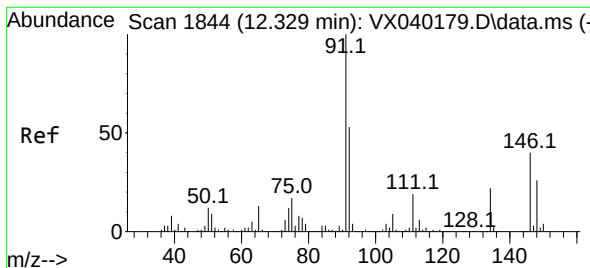
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

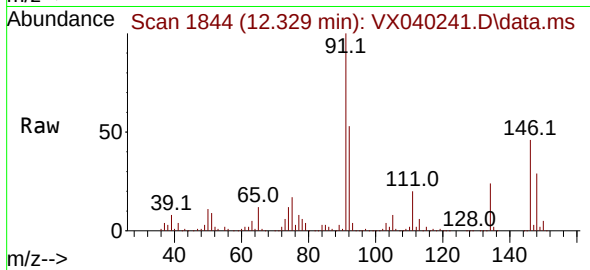
148 62.7 31.8 95.4





#89
n-Butylbenzene
Concen: 49.508 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

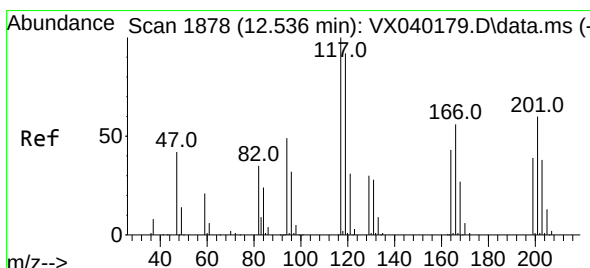
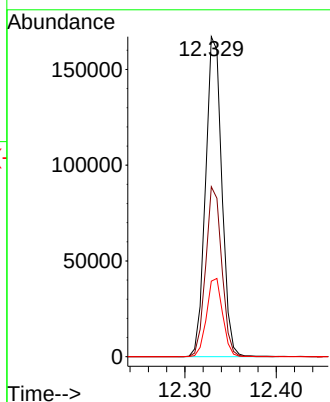
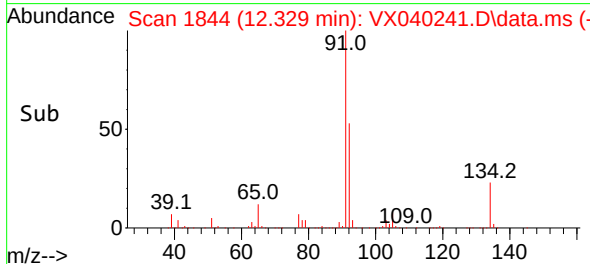
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 206072
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 24.1 12.6 37.8

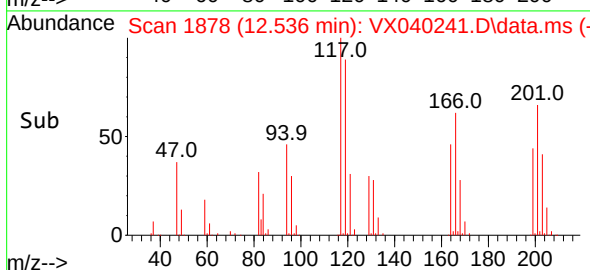
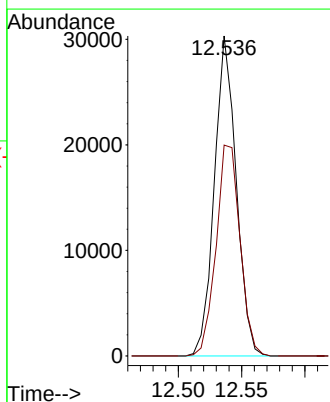
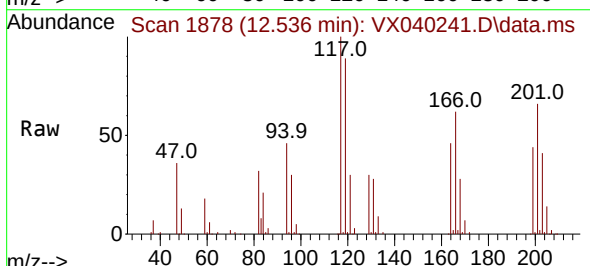
Manual Integrations
APPROVED

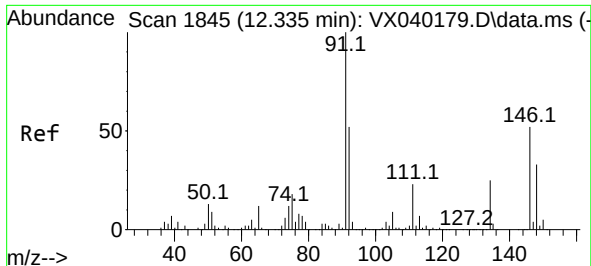
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#90
Hexachloroethane
Concen: 53.486 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

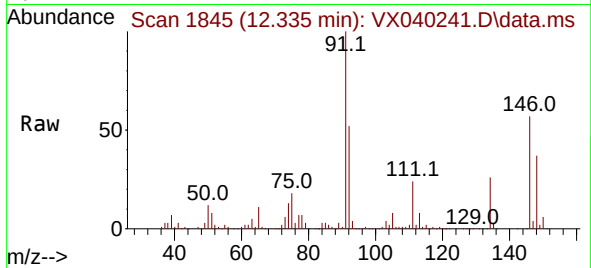
Tgt Ion:117 Resp: 36379
Ion Ratio Lower Upper
117 100
201 72.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.222 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

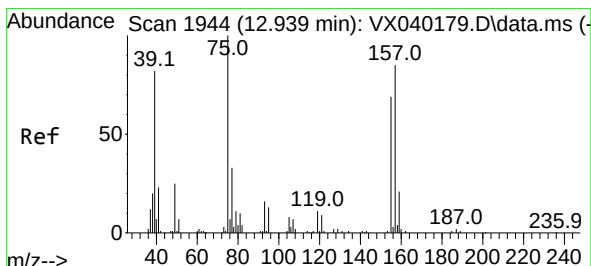
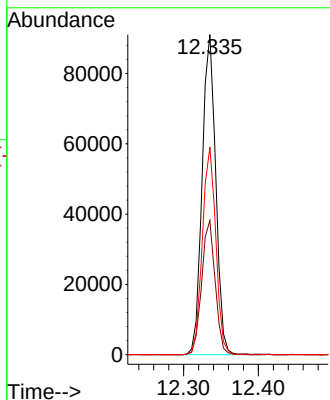
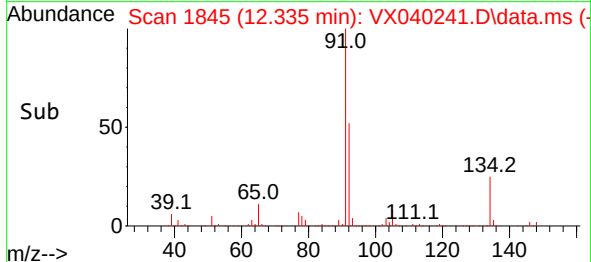
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 11507
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 64.1 31.6 95.0

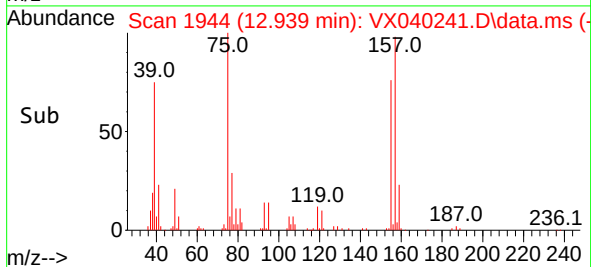
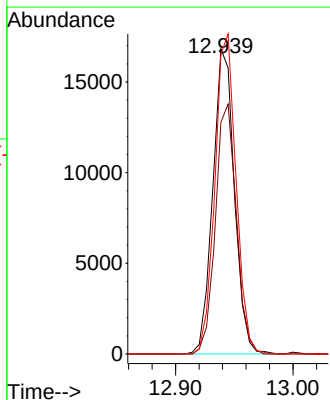
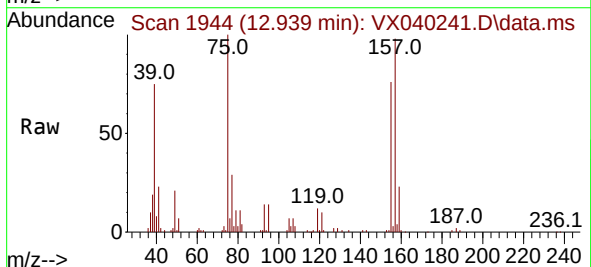
Manual Integrations
APPROVED

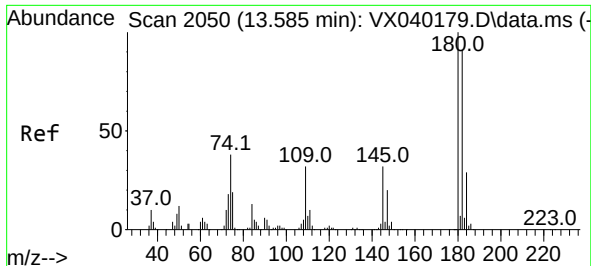
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.109 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

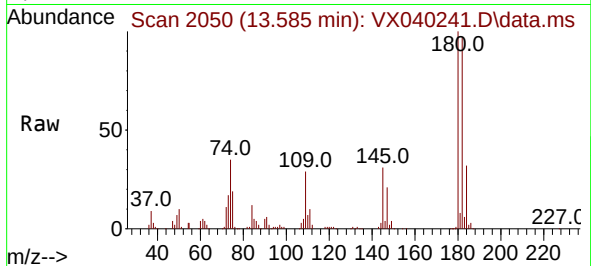
Tgt Ion: 75 Resp: 21428
Ion Ratio Lower Upper
75 100
155 79.6 36.1 108.5
157 102.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 48.988 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

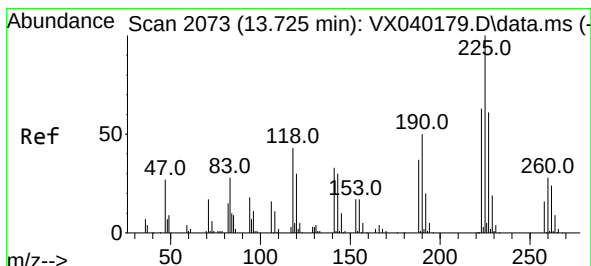
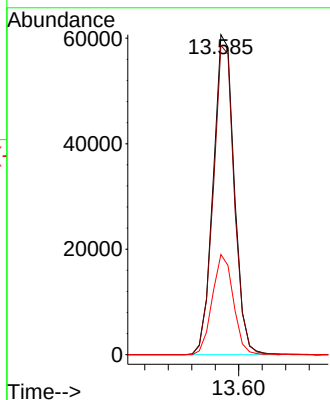
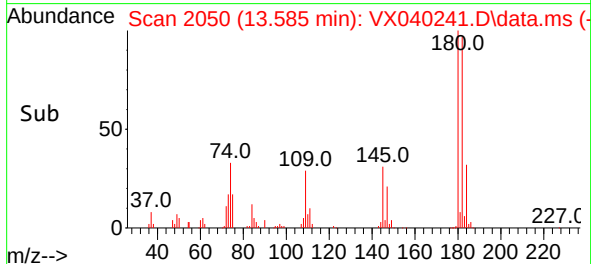
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



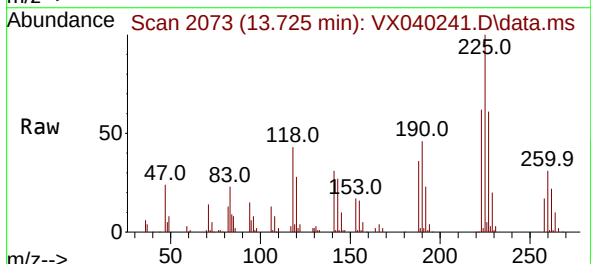
Tgt Ion:180 Resp: 75348
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.8
145 31.4 18.0 54.0

Manual Integrations
APPROVED

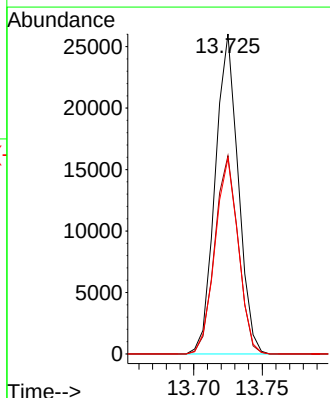
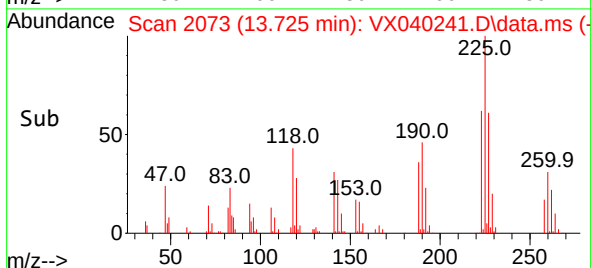
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

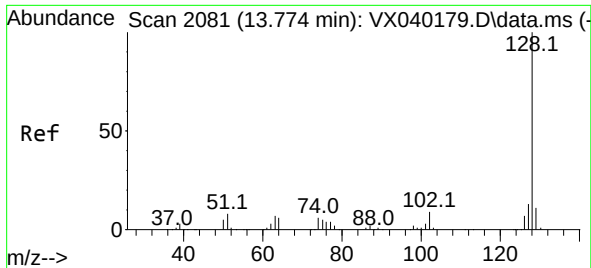


#94
Hexachlorobutadiene
Concen: 49.523 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53



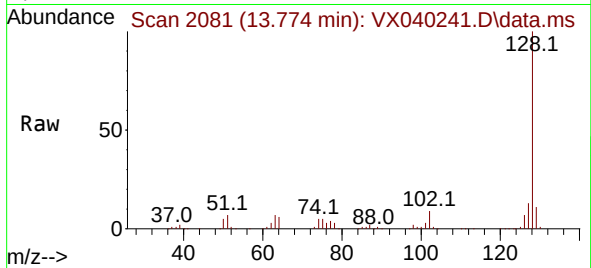
Tgt Ion:225 Resp: 30400
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 62.0 32.5 97.5





#95
Naphthalene
Concen: 50.830 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

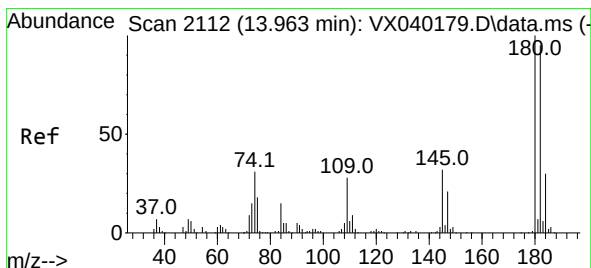
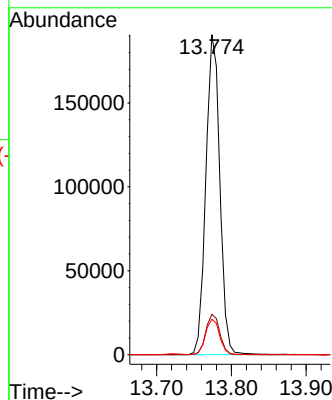
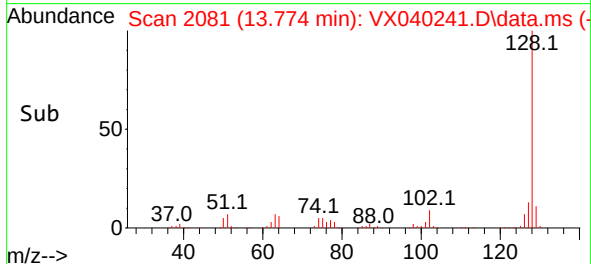
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 246923
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.485 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040241.D
Acq: 15 Feb 2024 10:53

Tgt Ion:180 Resp: 74016
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 33.4 17.8 53.5

