

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030124\
 Data File : VX040558.D
 Acq On : 01 Mar 2024 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 01 23:22:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62805	49.297	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.600%		
35) Dibromofluoromethane	5.385	113	43403	47.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	8.646	98	152415	46.262	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.520%		
62) 4-Bromofluorobenzene	11.079	95	54749	43.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46211	48.749	ug/l	97
3) Chloromethane	1.294	50	46782	49.756	ug/l	99
4) Vinyl Chloride	1.373	62	51816	50.962	ug/l	99
5) Bromomethane	1.599	94	31282	55.363	ug/l	98
6) Chloroethane	1.678	64	28522	44.326	ug/l	98
7) Trichlorofluoromethane	1.886	101	77047	47.979	ug/l	99
8) Diethyl Ether	2.135	74	26472	47.161	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	44976	52.032	ug/l	99
10) Methyl Iodide	2.452	142	48612	53.779	ug/l	99
11) Tert butyl alcohol	2.965	59	64686	302.035	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	41290	47.578	ug/l	99
13) Acrolein	2.233	56	39690	289.059	ug/l	97
14) Allyl chloride	2.666	41	77384	50.968	ug/l	89
15) Acrylonitrile	3.062	53	144267	268.545	ug/l	98
16) Acetone	2.379	43	134443	323.589	ug/l	98
17) Carbon Disulfide	2.513	76	101890	42.397	ug/l	100
18) Methyl Acetate	2.702	43	77097	60.190	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	161383	54.519	ug/l	99
20) Methylene Chloride	2.788	84	50640	50.933	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	45208	48.846	ug/l	97
22) Diisopropyl ether	3.763	45	159413	52.249	ug/l	91
23) Vinyl Acetate	3.721	43	751374	268.842	ug/l	99
24) 1,1-Dichloroethane	3.611	63	91839	51.618	ug/l	98
25) 2-Butanone	4.556	43	211452	292.109	ug/l	97
26) 2,2-Dichloropropane	4.477	77	67708	47.797	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55123	50.910	ug/l	99
28) Bromochloromethane	4.891	49	38978	52.372	ug/l	97
29) Tetrahydrofuran	5.007	42	137395	272.074	ug/l	99
30) Chloroform	5.092	83	101042	53.503	ug/l	96
31) Cyclohexane	5.470	56	70802	49.053	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	89509	55.531	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69906	49.991	ug/l	98
37) Ethyl Acetate	4.714	43	80612	52.674	ug/l	99
38) Carbon Tetrachloride	5.678	117	73738	54.584	ug/l	96
39) Methylcyclohexane	7.378	83	71750	47.524	ug/l	97
40) Benzene	6.037	78	189833	50.141	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46047	53.866	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89149	56.892	ug/l	99
43) Isopropyl Acetate	6.336	43	131241	54.653	ug/l	98
44) Trichloroethene	7.122	130	51996	51.067	ug/l	95
45) 1,2-Dichloropropane	7.427	63	51754	51.078	ug/l	96
46) Dibromomethane	7.580	93	39718	53.317	ug/l	98
47) Bromodichloromethane	7.823	83	80911	55.164	ug/l	99
48) Methyl methacrylate	7.689	41	69444	57.858	ug/l	95
49) 1,4-Dioxane	7.653	88	27037	1190.801	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	455501	286.896	ug/l	98
52) Toluene	8.720	92	121658	52.360	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	81767	54.932	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	82756	51.723	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	53594	55.581	ug/l	92
56) Ethyl methacrylate	9.116	69	84595	56.742	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	90650	53.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	194413	248.706	ug/l	97
59) 2-Hexanone	9.427	43	360294	295.159	ug/l	96
60) Dibromochloromethane	9.518	129	58037	55.414	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58027	55.149	ug/l	100
64) Tetrachloroethene	9.274	164	45922	58.869	ug/l	98
65) Chlorobenzene	10.079	112	120552	51.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	46174	55.438	ug/l	100
67) Ethyl Benzene	10.195	91	226608	52.380	ug/l	97
68) m/p-Xylenes	10.299	106	169421	104.871	ug/l	95
69) o-Xylene	10.640	106	82368	53.309	ug/l	91
70) Styrene	10.652	104	139017	53.971	ug/l	96
71) Bromoform	10.799	173	38737	56.817	ug/l #	99
73) Isopropylbenzene	10.963	105	221304	51.466	ug/l	100
74) N-amyl acetate	10.841	43	108234	54.195	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	80233	51.594	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	68102m	52.997	ug/l	
77) Bromobenzene	11.195	156	53279	52.401	ug/l	97
78) n-propylbenzene	11.305	91	268836	50.403	ug/l	98
79) 2-Chlorotoluene	11.366	91	159372	49.636	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191583	52.388	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	19960	47.119	ug/l	94
82) 4-Chlorotoluene	11.451	91	190401	51.280	ug/l	99
83) tert-Butylbenzene	11.713	119	183388	53.191	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	190388	52.472	ug/l	99
85) sec-Butylbenzene	11.890	105	239368	52.848	ug/l	99
86) p-Isopropyltoluene	12.006	119	195203	52.285	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101832	50.246	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	103817	50.321	ug/l	99
89) n-Butylbenzene	12.329	91	185503	50.503	ug/l	97
90) Hexachloroethane	12.536	117	33599	54.072	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	99868	51.710	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20829	57.453	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	67668	53.687	ug/l	95
94) Hexachlorobutadiene	13.725	225	26176	50.815	ug/l	97
95) Naphthalene	13.774	128	221276	54.937	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65839	54.952	ug/l	98

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VSTDCCC050EC

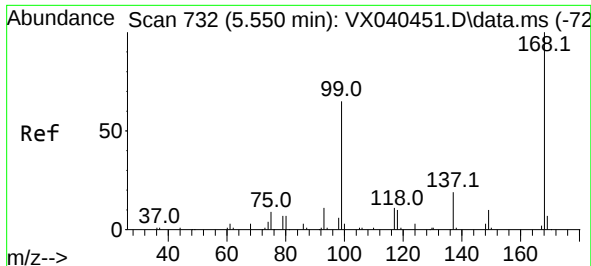
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

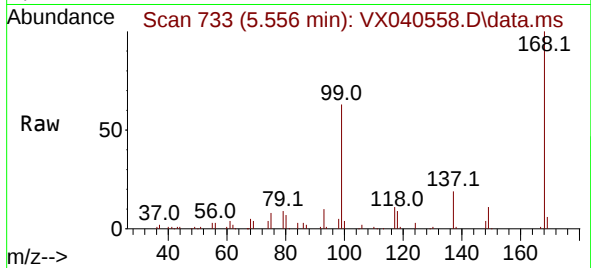
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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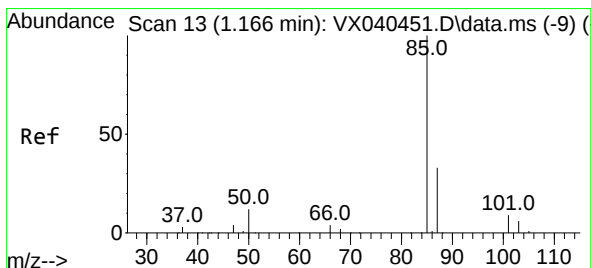
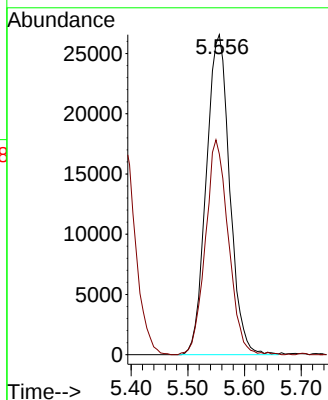
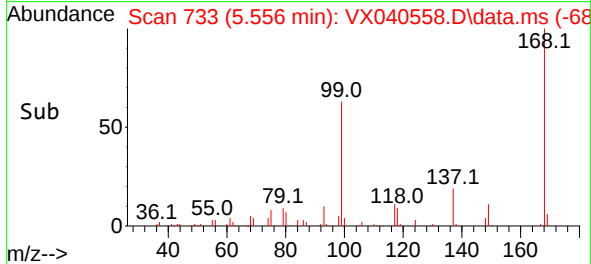
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7617
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

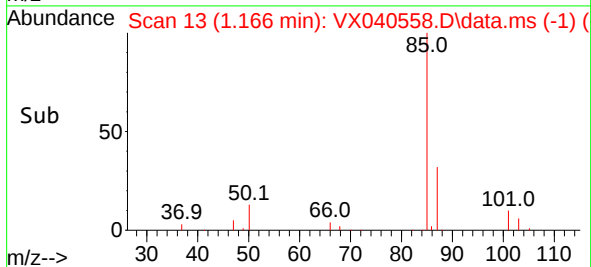
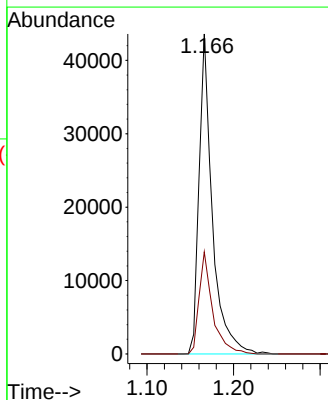
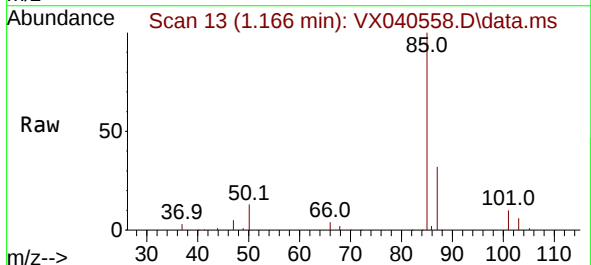
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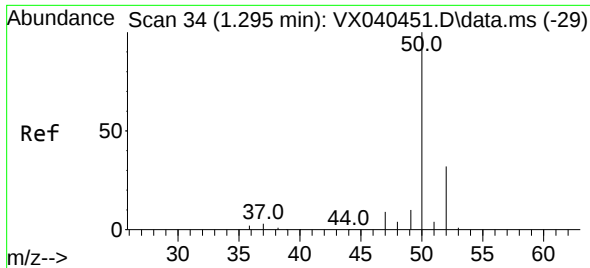
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#2
Dichlorodifluoromethane
Concen: 48.749 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 85 Resp: 46211
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





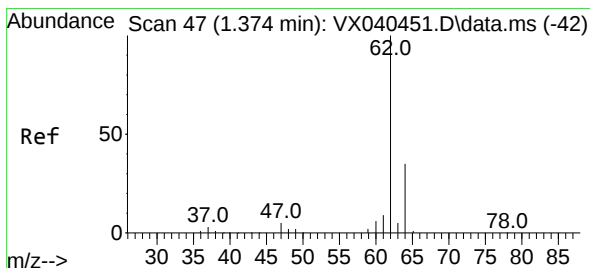
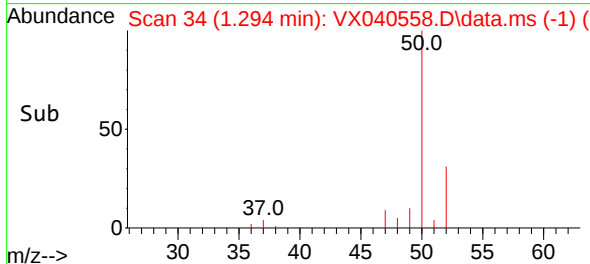
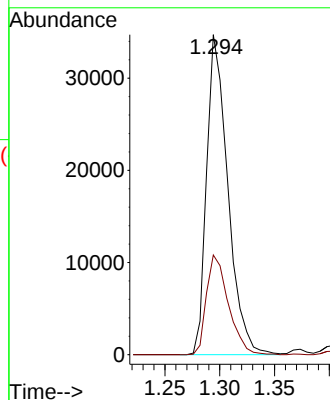
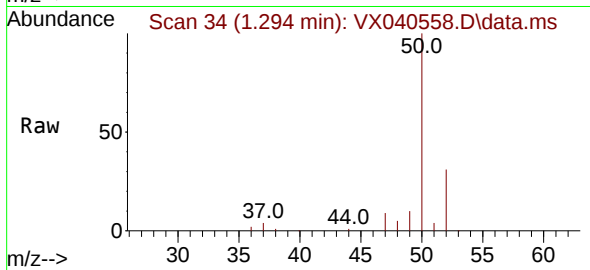
#3
Chloromethane
Concen: 49.756 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040558.D
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Tgt Ion: 50 Resp: 4678
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3

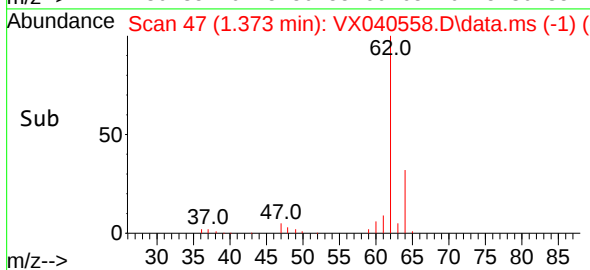
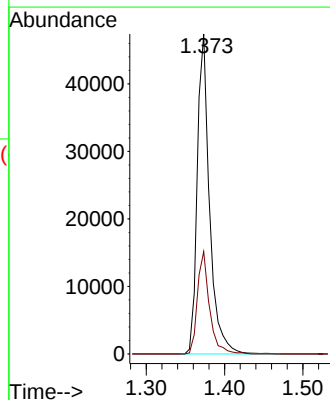
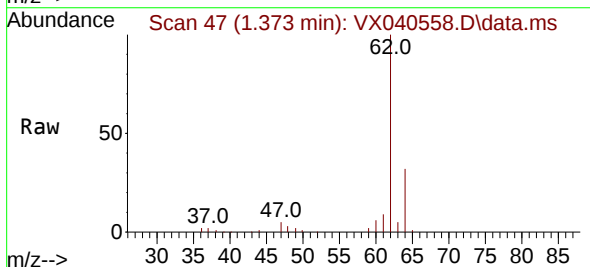
Manual Integrations
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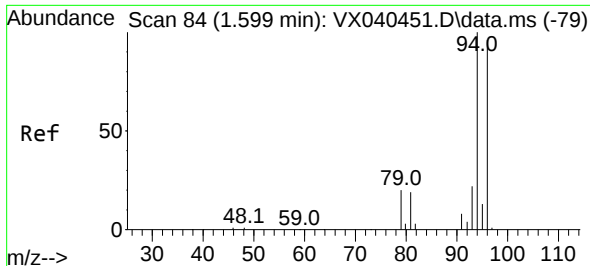
Reviewed By :John Carlone 03/04/2024
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#4
Vinyl Chloride
Concen: 50.962 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

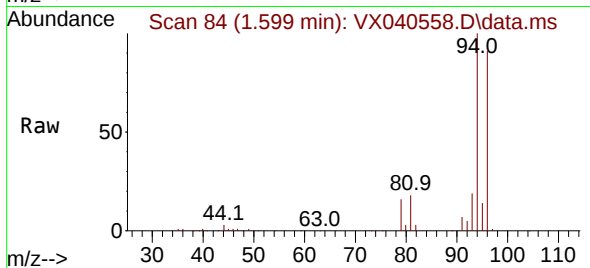
Tgt Ion: 62 Resp: 51816
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 55.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040558.D
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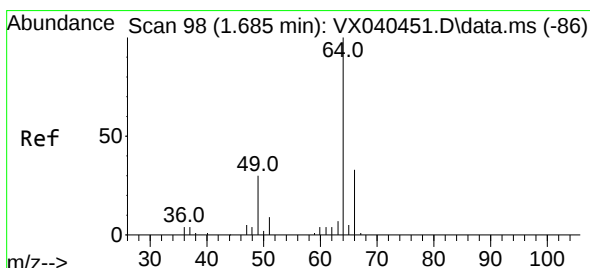
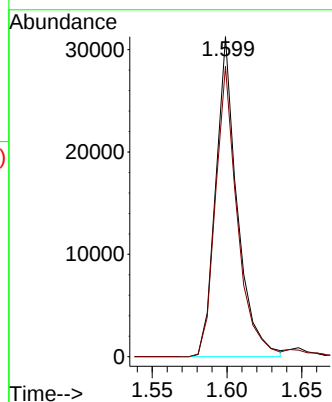
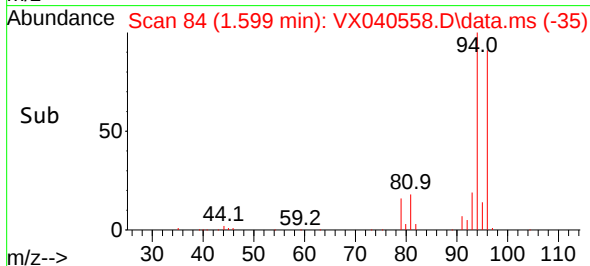
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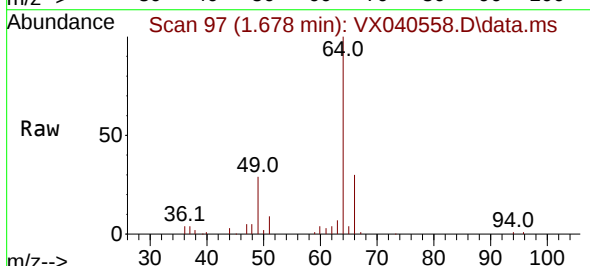
Tgt Ion: 94 Resp: 3128
Ion Ratio Lower Upper
94 100
96 90.8 74.6 111.8

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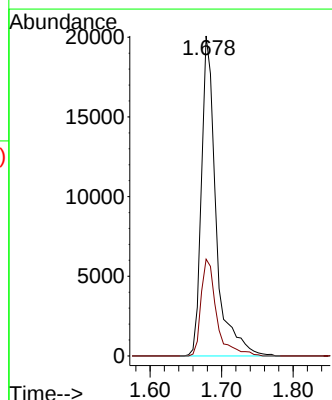
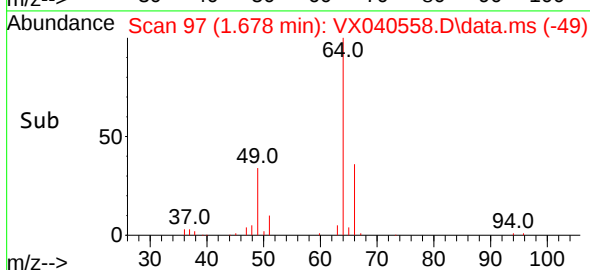
Reviewed By :John Carlone 03/04/2024
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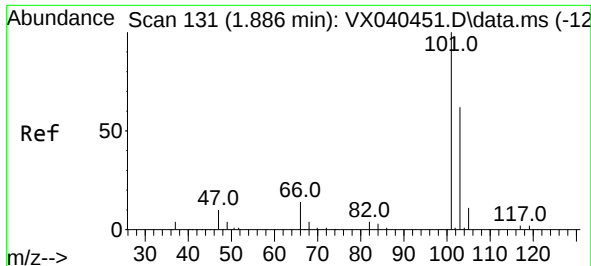


#6
Chloroethane
Concen: 44.326 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040558.D
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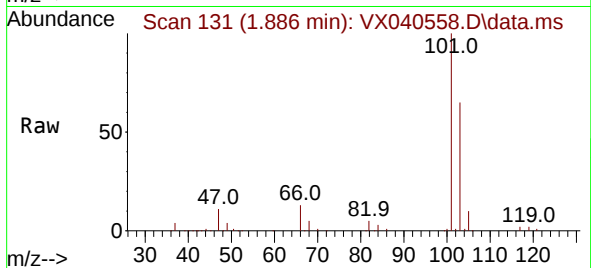
Tgt Ion: 64 Resp: 28522
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.979 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

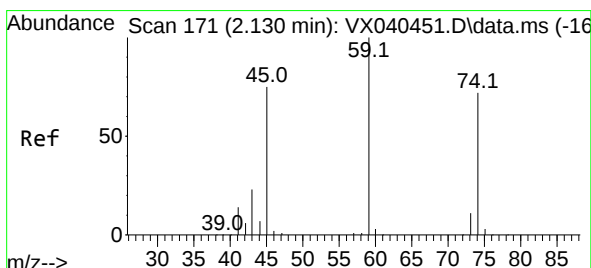
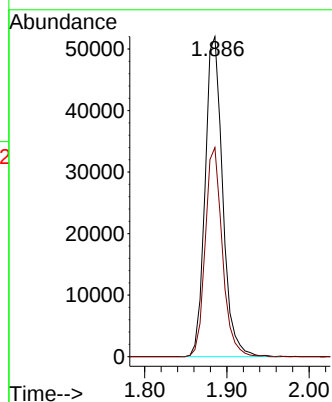
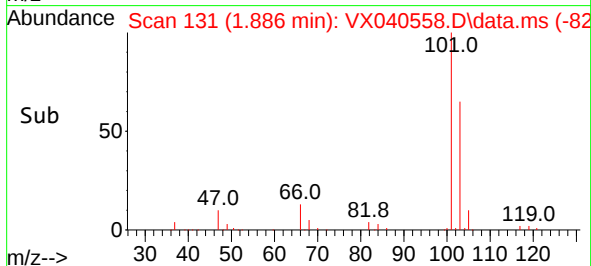
Instrument :
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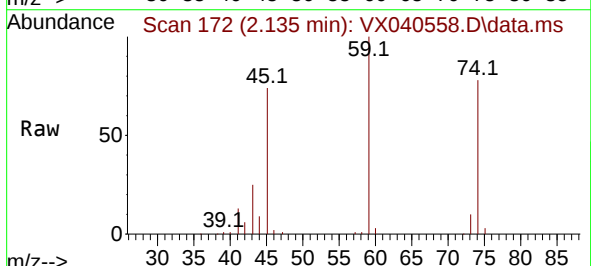
Tgt Ion:101 Resp: 7704
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

Manual Integrations
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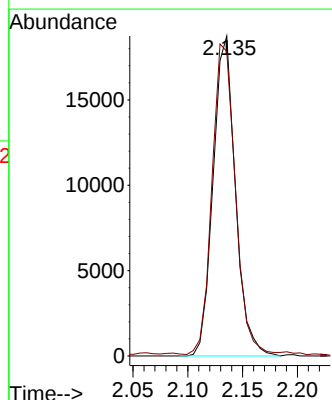
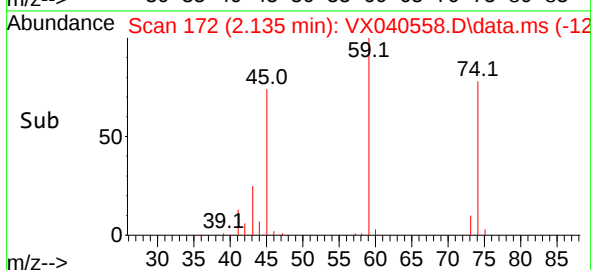
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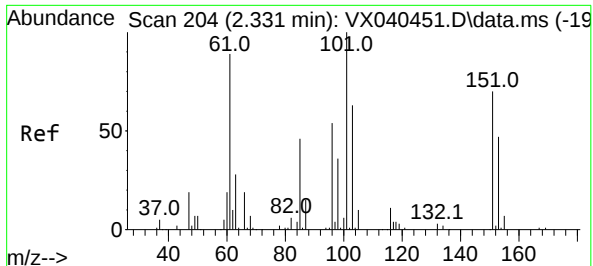


#8
Diethyl Ether
Concen: 47.161 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25



Tgt Ion: 74 Resp: 26472
Ion Ratio Lower Upper
74 100
45 104.5 53.3 159.8





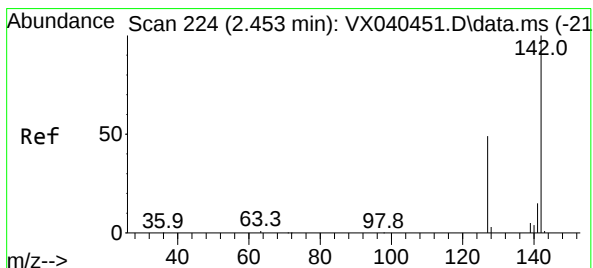
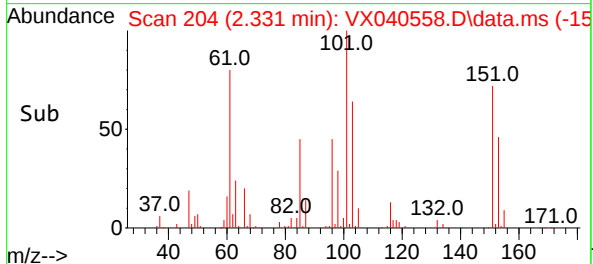
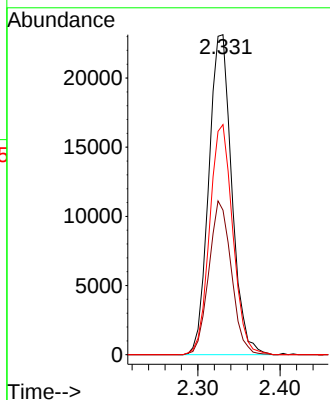
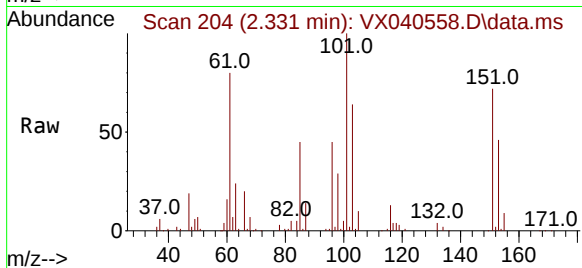
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.032 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 44970
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 72.6 58.6 87.8

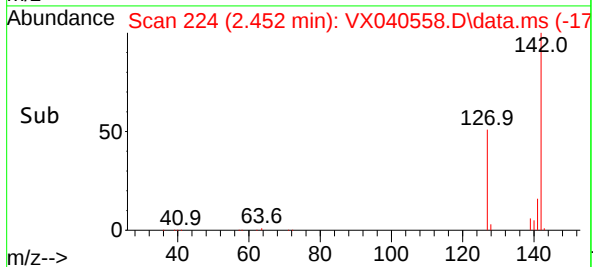
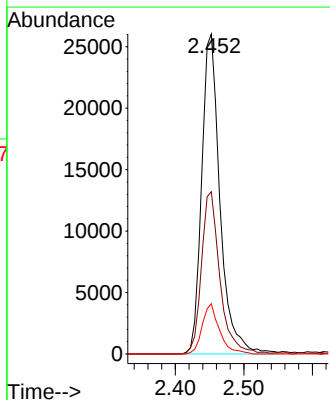
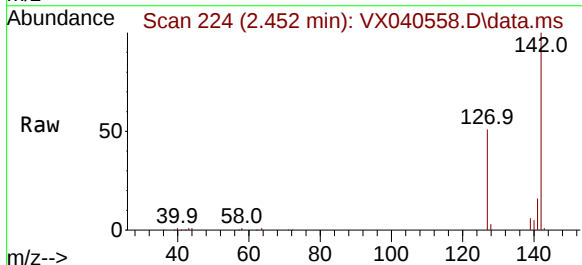
Manual Integrations
APPROVED

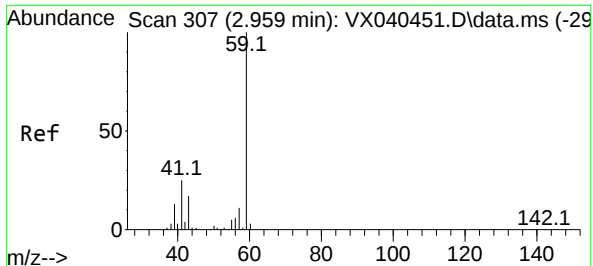
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#10
Methyl Iodide
Concen: 53.779 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:142 Resp: 48612
Ion Ratio Lower Upper
142 100
127 51.0 41.6 62.4
141 14.8 11.6 17.4





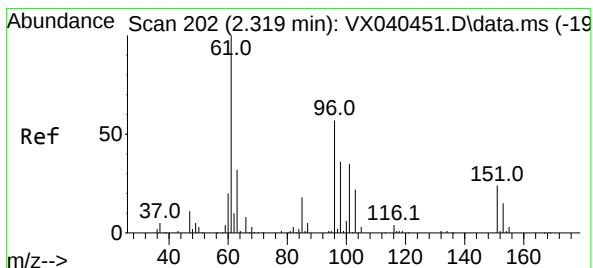
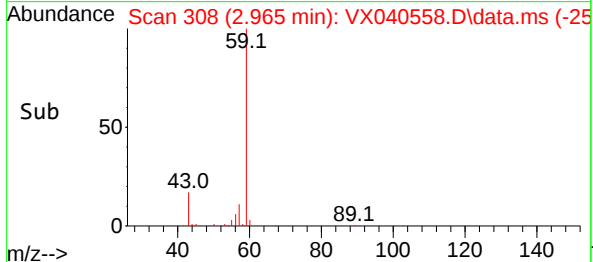
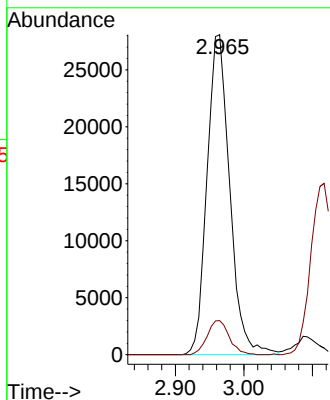
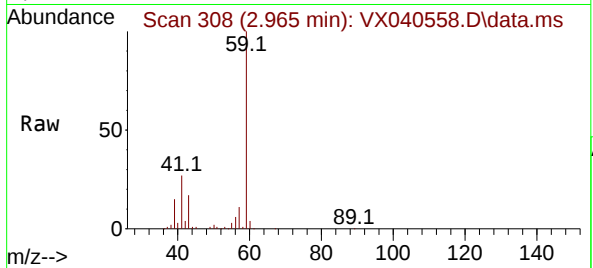
#11
Tert butyl alcohol
Concen: 302.035 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 64680
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

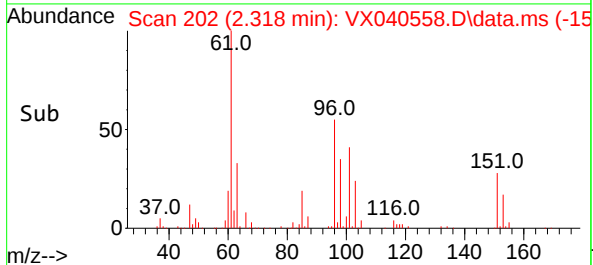
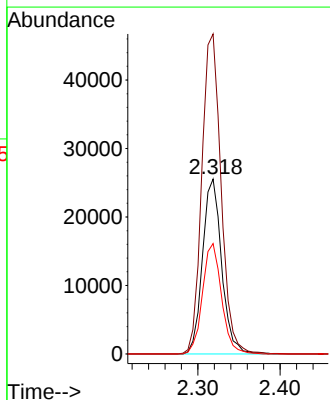
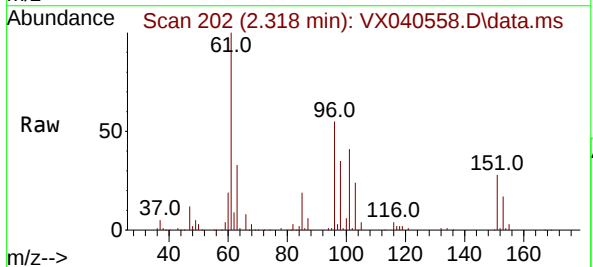
Manual Integrations
APPROVED

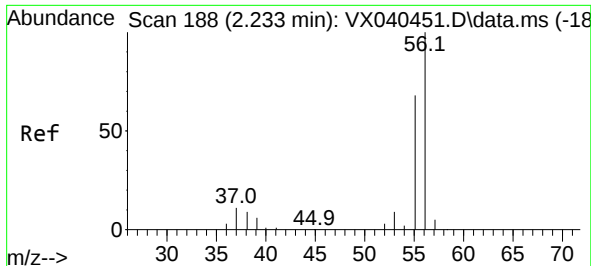
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#12
1,1-Dichloroethene
Concen: 47.578 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

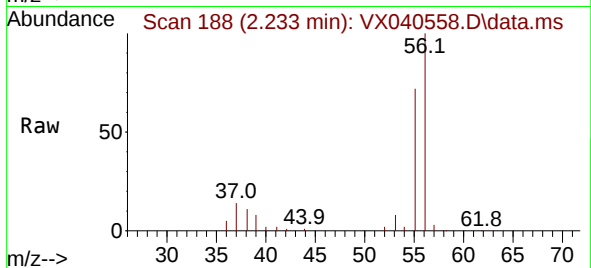
Tgt Ion: 96 Resp: 41290
Ion Ratio Lower Upper
96 100
61 183.0 144.6 216.8
98 63.2 50.4 75.6





#13
Acrolein
Concen: 289.059 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

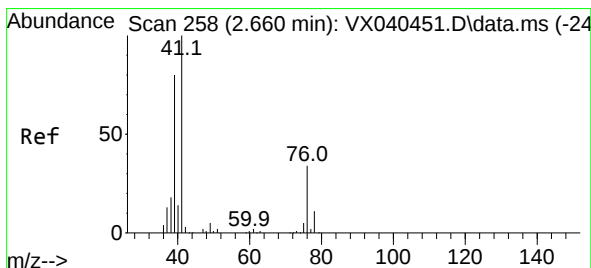
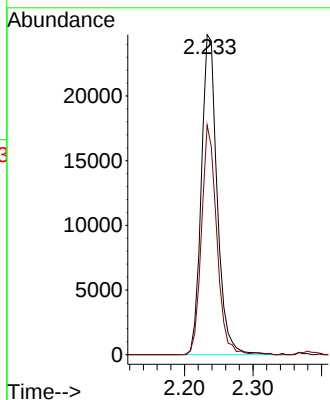
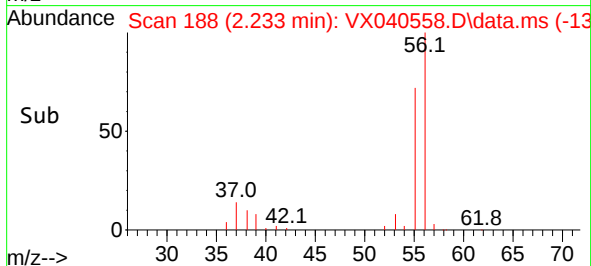
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 39690
Ion Ratio Lower Upper
56 100
55 68.9 57.1 85.7

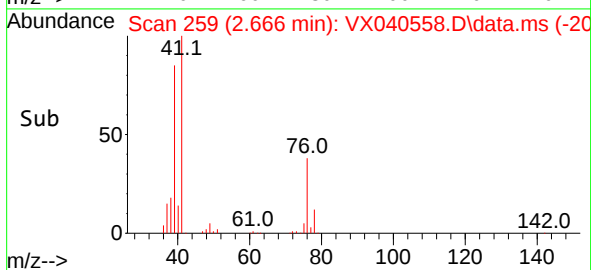
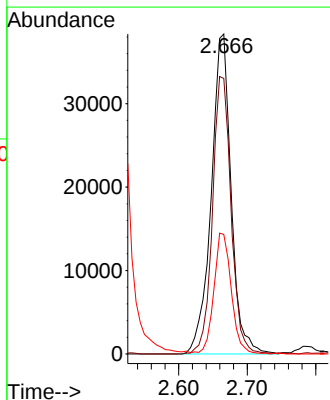
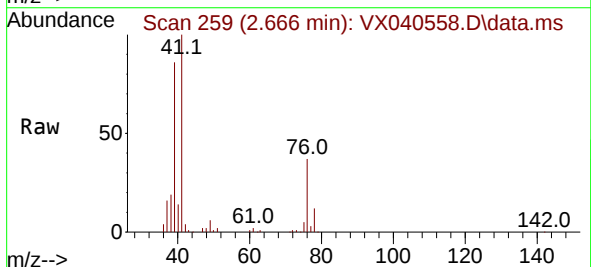
Manual Integrations
APPROVED

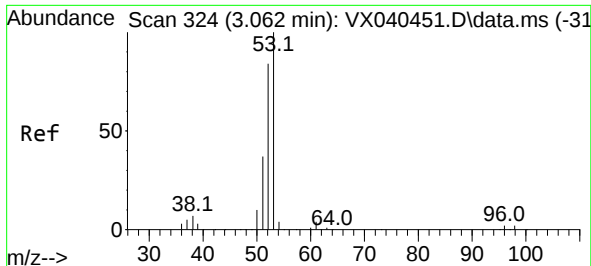
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#14
Allyl chloride
Concen: 50.968 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

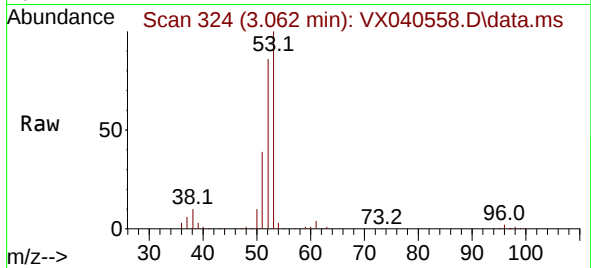
Tgt Ion: 41 Resp: 77384
Ion Ratio Lower Upper
41 100
39 80.7 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 268.545 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

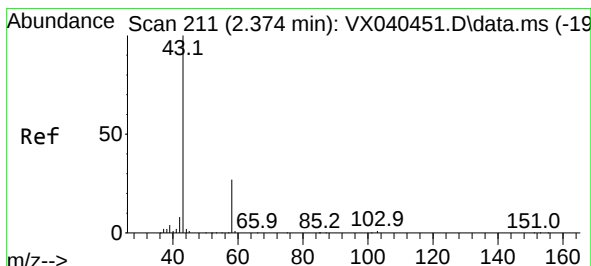
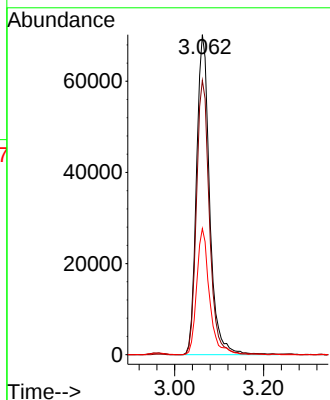
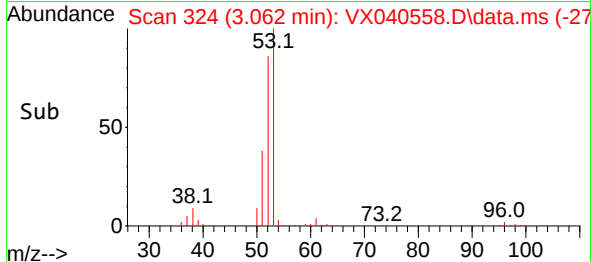
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 14426
Ion Ratio Lower Upper
53 100
52 84.8 66.0 99.0
51 38.3 29.8 44.6

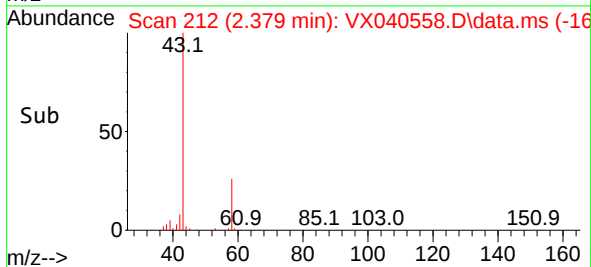
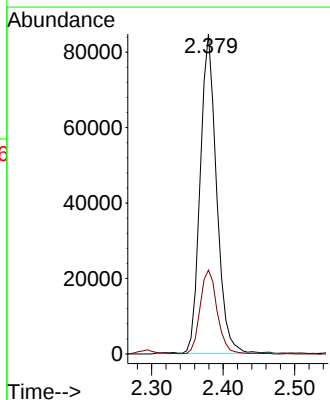
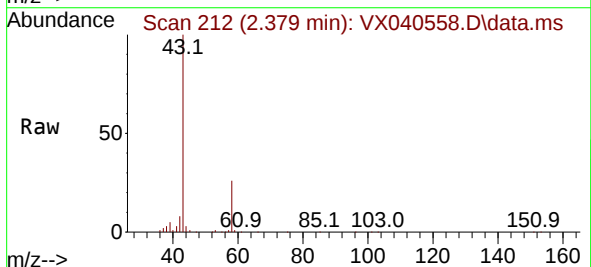
Manual Integrations
APPROVED

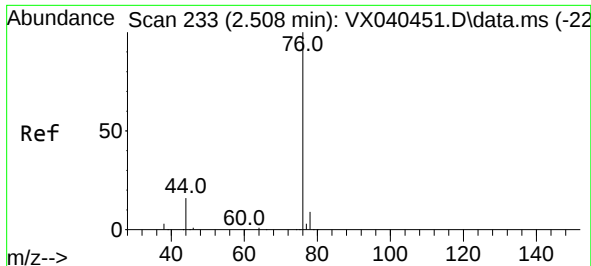
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#16
Acetone
Concen: 323.589 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 43 Resp: 134443
Ion Ratio Lower Upper
43 100
58 26.2 21.9 32.9





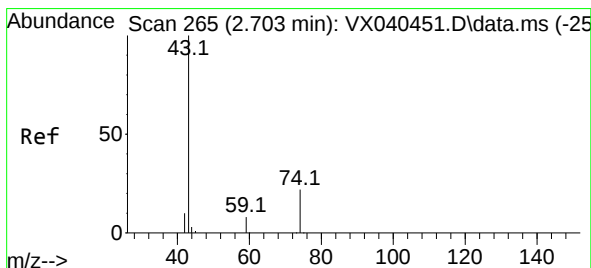
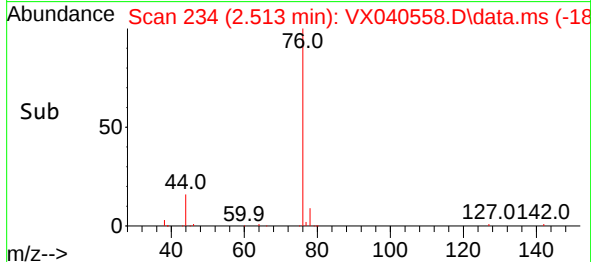
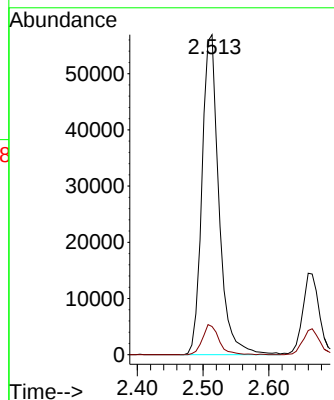
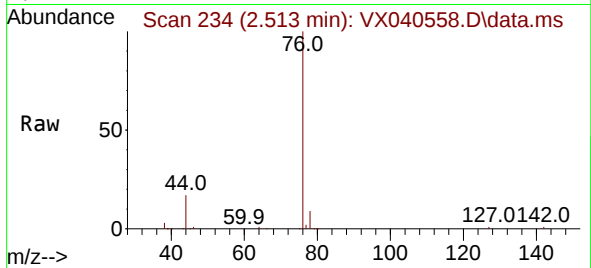
#17
Carbon Disulfide
Concen: 42.397 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 101890
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

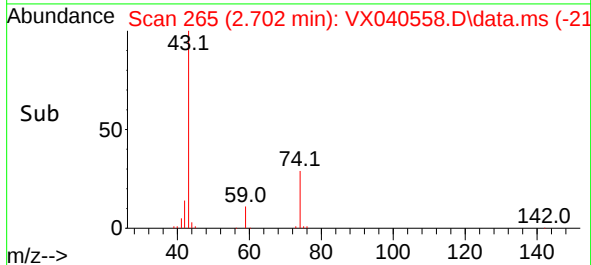
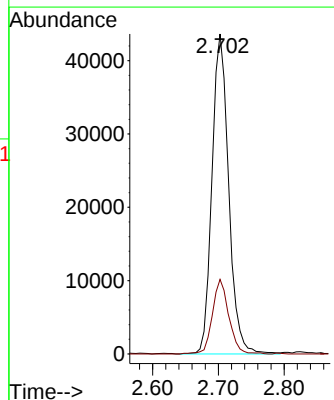
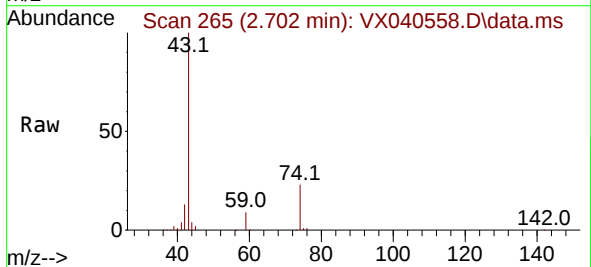
Manual Integrations
APPROVED

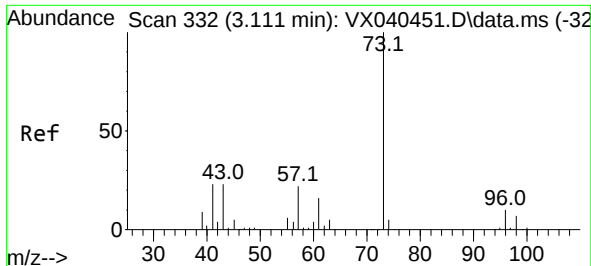
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#18
Methyl Acetate
Concen: 60.190 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 43 Resp: 77097
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





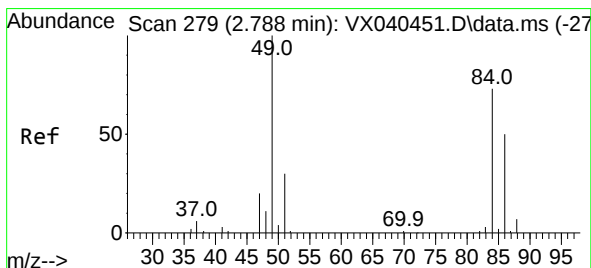
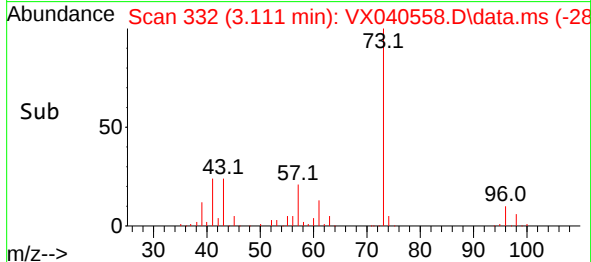
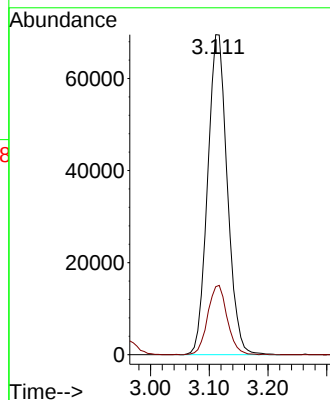
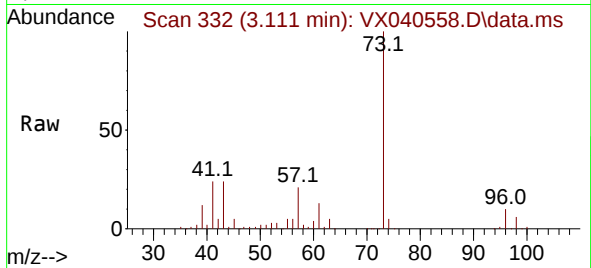
#19
Methyl tert-butyl Ether
Concen: 54.519 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 16138
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

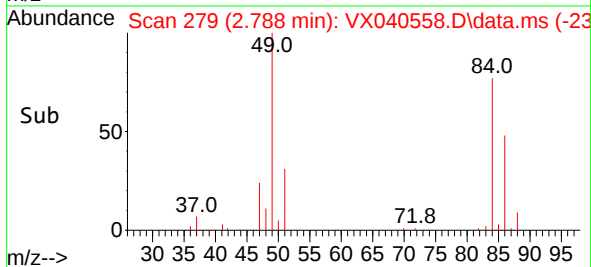
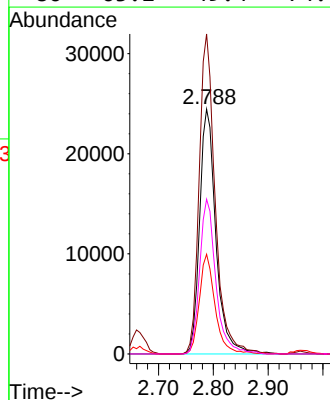
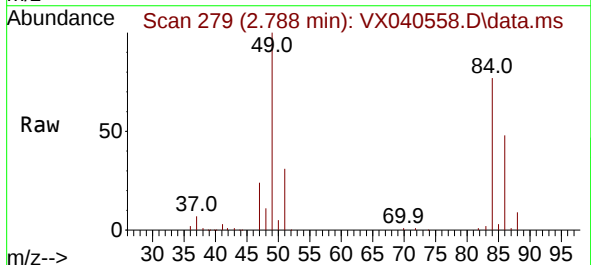
Manual Integrations
APPROVED

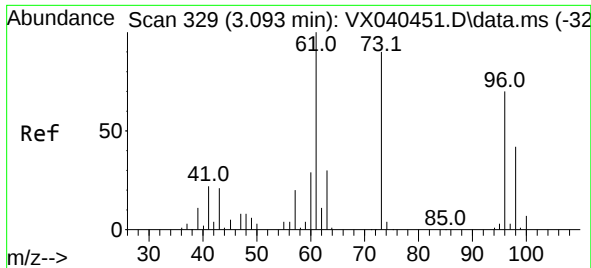
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#20
Methylene Chloride
Concen: 50.933 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 84 Resp: 50640
Ion Ratio Lower Upper
84 100
49 130.7 103.6 155.4
51 40.7 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

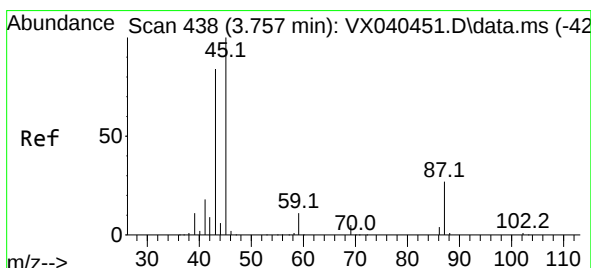
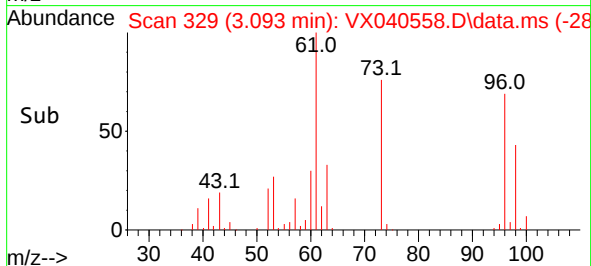
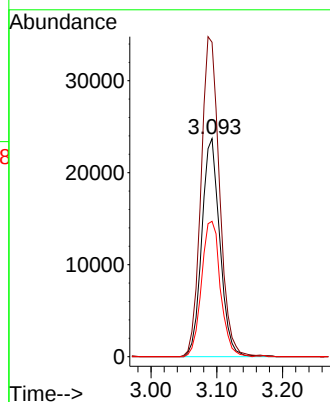
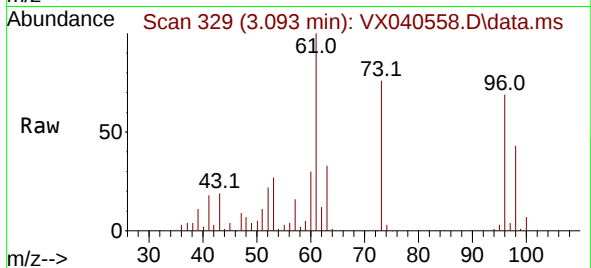
Tgt Ion: 96 Resp: 45208
Ion Ratio Lower Upper
96 100
61 144.2 119.2 178.8
98 62.1 48.7 73.1

Manual Integrations

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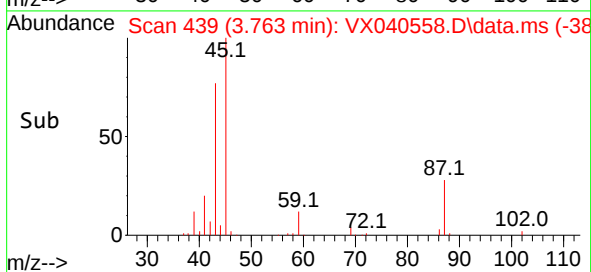
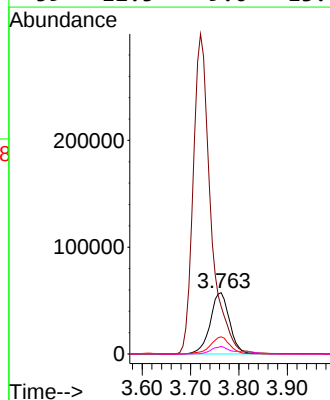
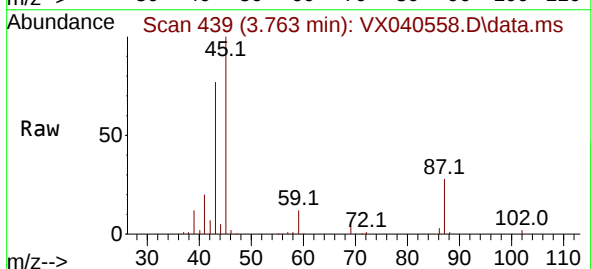
Reviewed By :John Carlone 03/04/2024

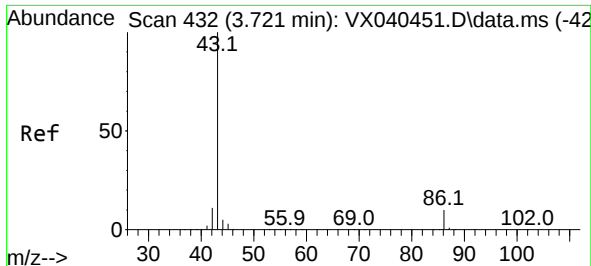
Supervised By :Mahesh Dadoda 03/04/2024



#22
Diisopropyl ether
Concen: 52.249 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 45 Resp: 159413
Ion Ratio Lower Upper
45 100
43 76.9 69.7 104.5
87 27.9 20.8 31.2
59 12.5 9.0 13.4





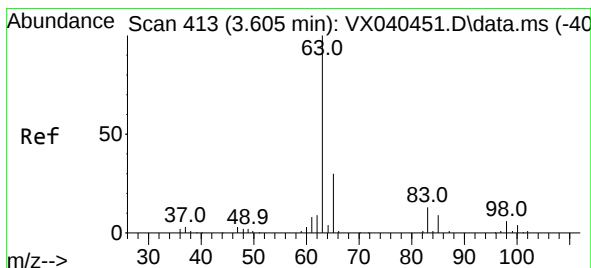
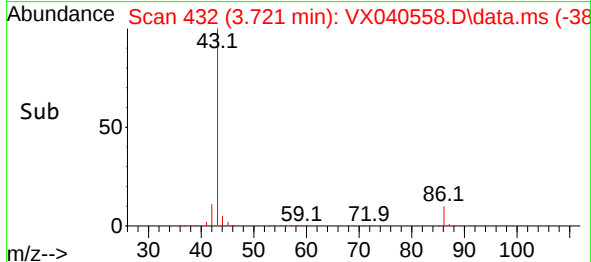
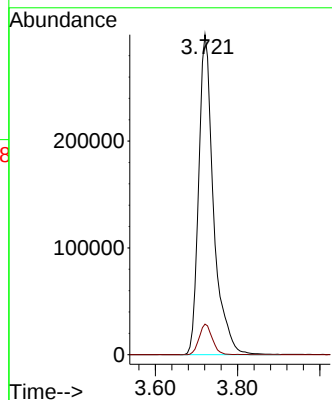
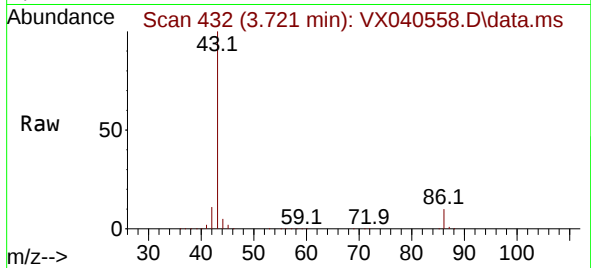
#23
 Vinyl Acetate
 Concen: 268.842 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 751374
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

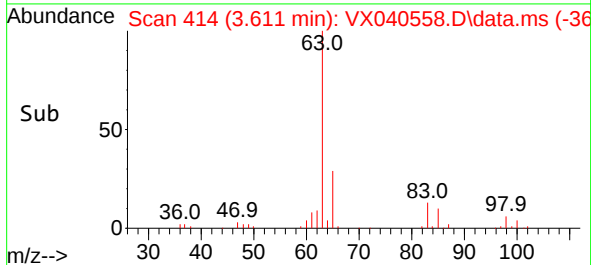
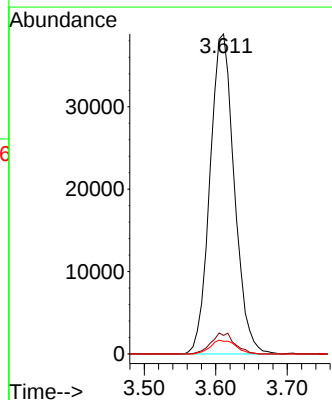
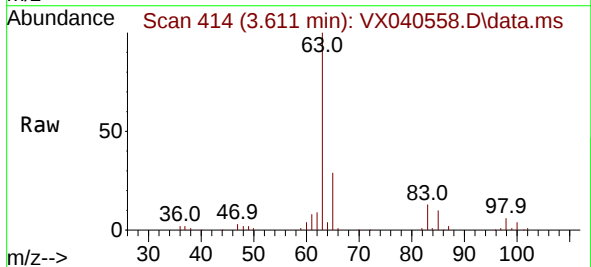
Manual Integrations
 APPROVED

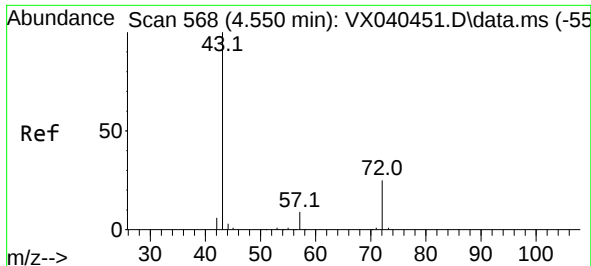
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#24
 1,1-Dichloroethane
 Concen: 51.618 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

Tgt Ion: 63 Resp: 91839
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 4.0 2.1 6.5





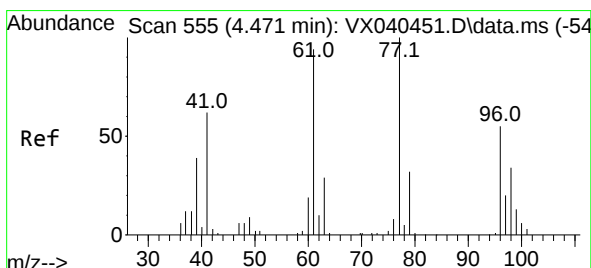
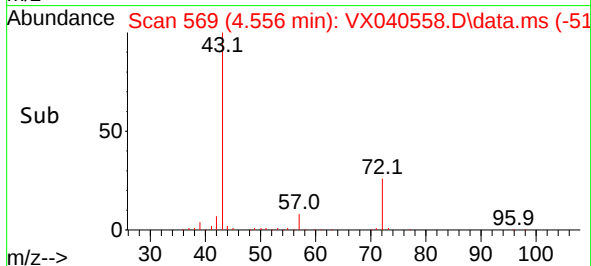
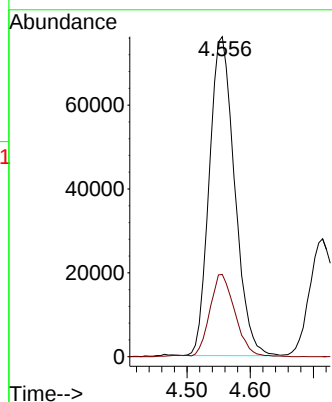
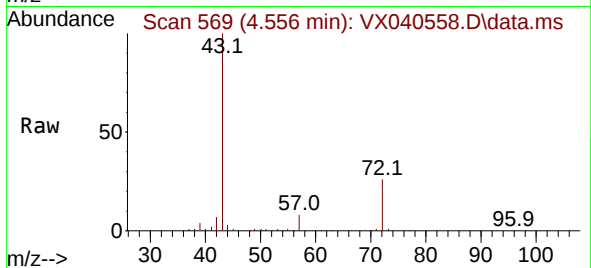
#25
2-Butanone
Concen: 292.109 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 211452
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

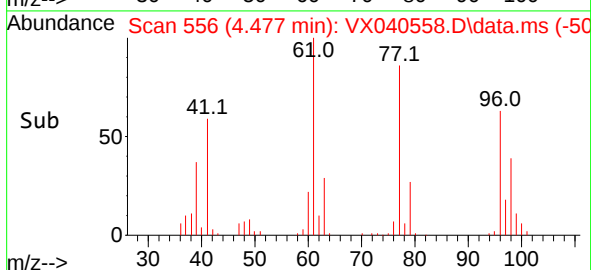
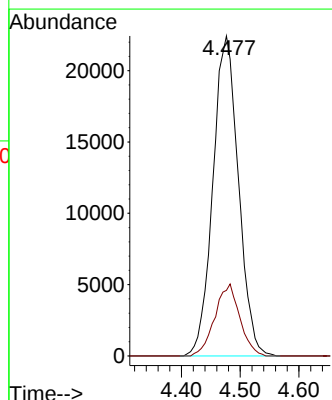
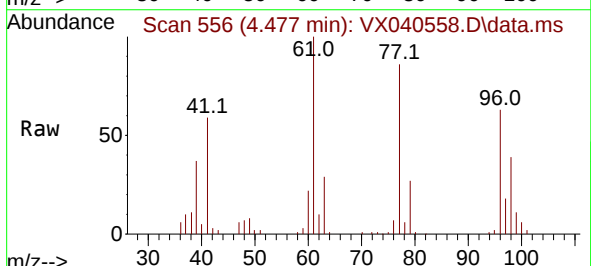
Manual Integrations
APPROVED

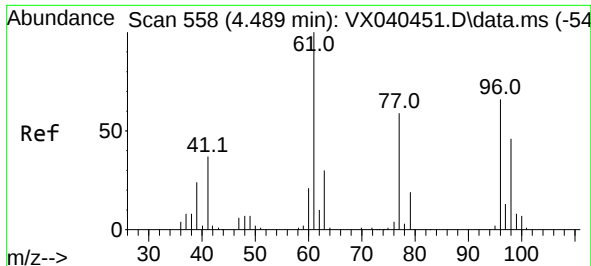
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#26
2,2-Dichloropropane
Concen: 47.797 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 77 Resp: 67708
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.910 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 5512

Ion Ratio Lower Upper

96 100

61 155.8 0.0 312.2

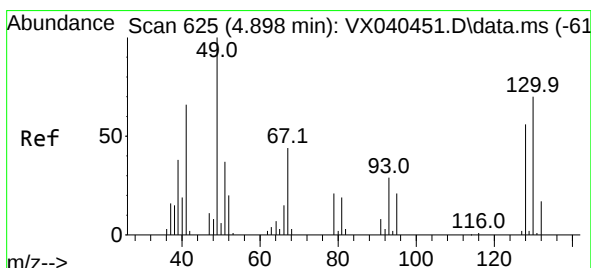
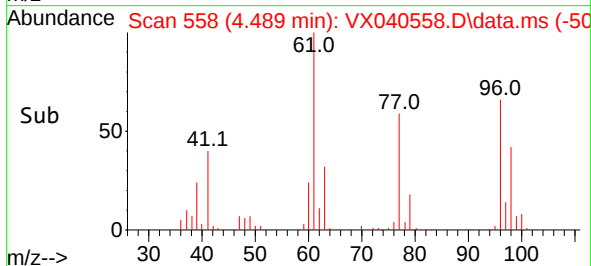
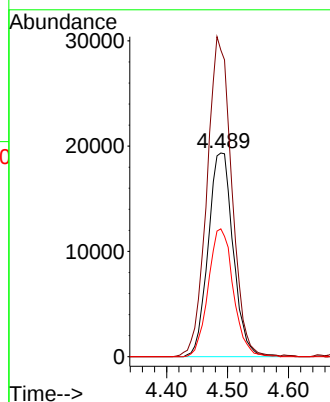
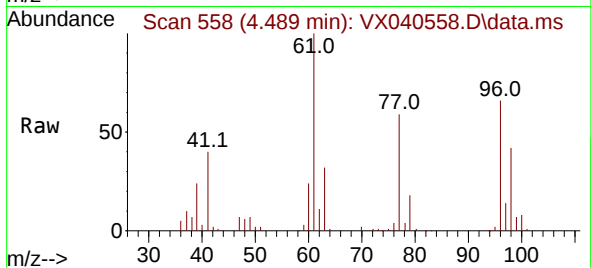
98 62.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#28

Bromochloromethane

Concen: 52.372 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

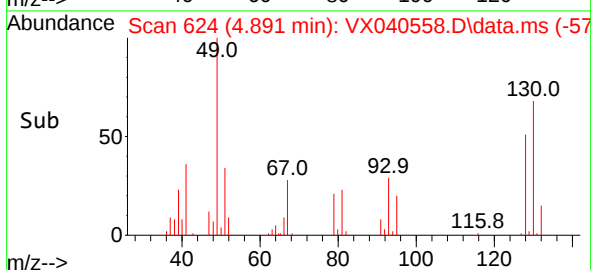
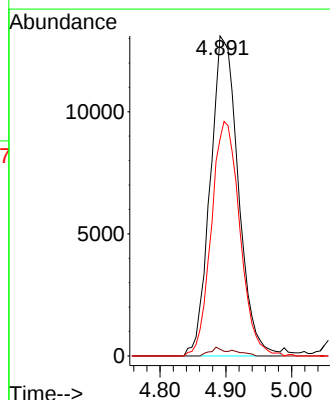
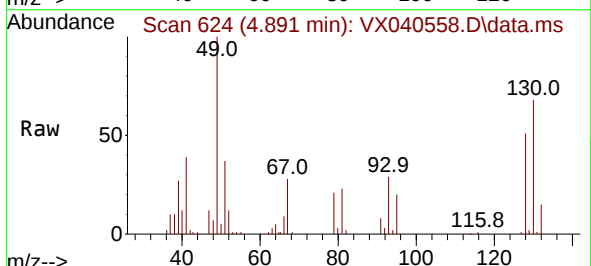
Tgt Ion: 49 Resp: 38978

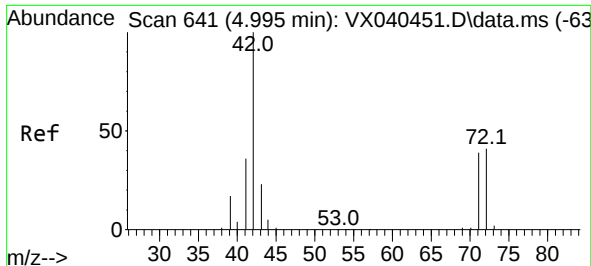
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

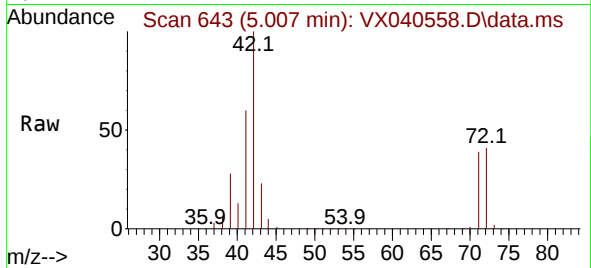
130 74.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 272.074 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.012 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

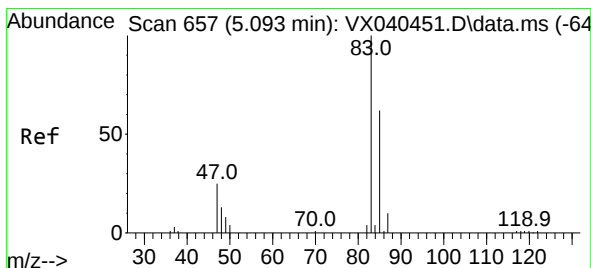
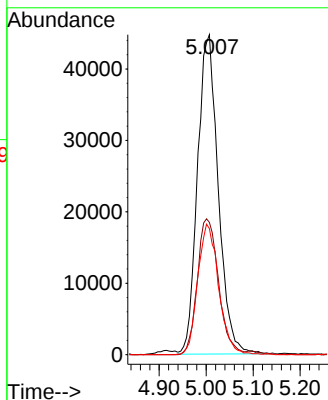
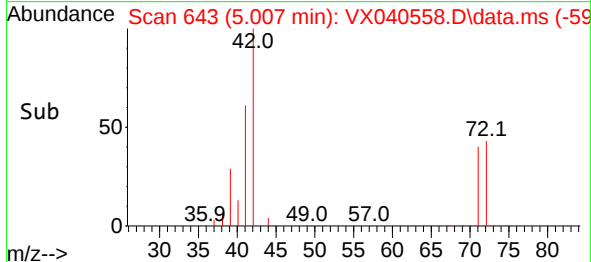
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 137395
Ion Ratio Lower Upper
42 100
72 43.5 34.2 51.4
71 41.1 32.2 48.2

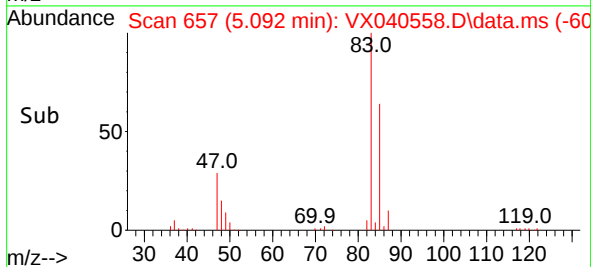
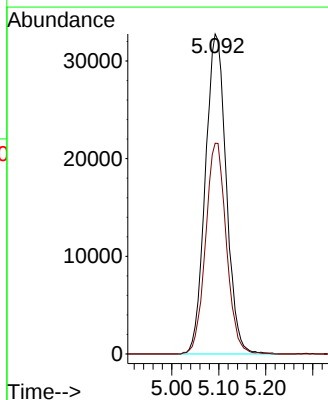
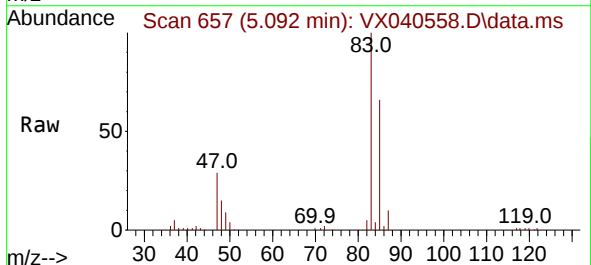
Manual Integrations
APPROVED

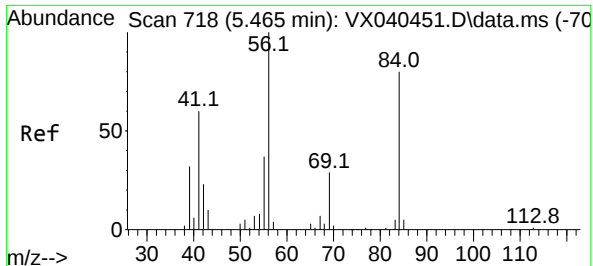
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#30
Chloroform
Concen: 53.503 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

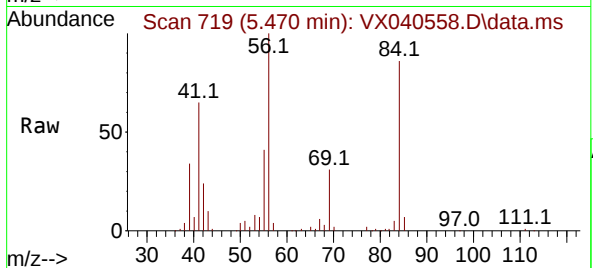
Tgt Ion: 83 Resp: 101042
Ion Ratio Lower Upper
83 100
85 65.8 50.3 75.5





#31
Cyclohexane
Concen: 49.053 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

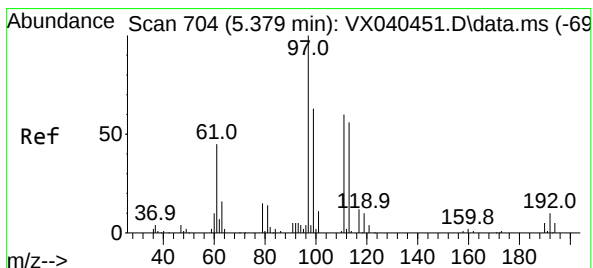
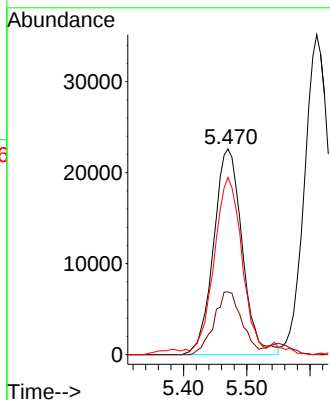
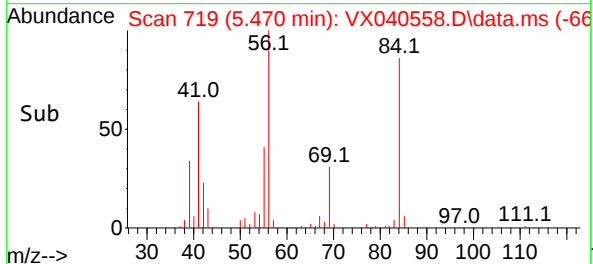
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 70802
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 84.1 65.9 98.9

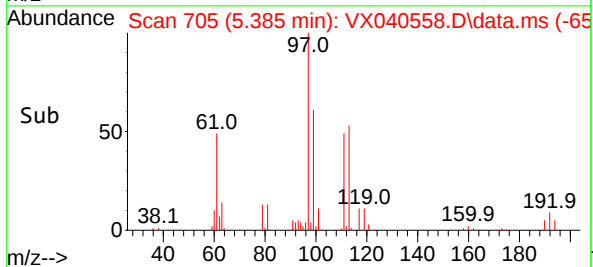
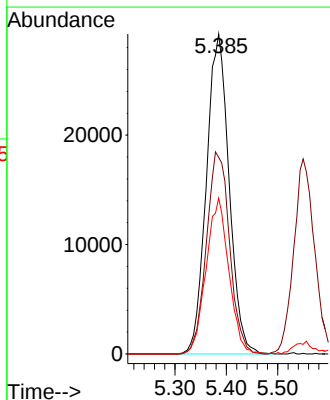
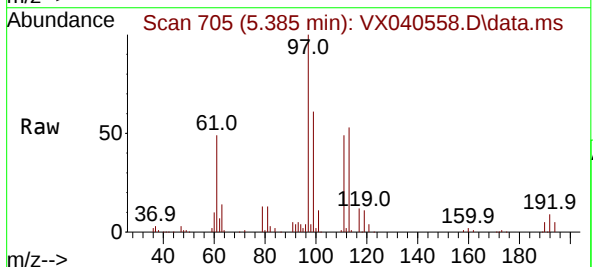
Manual Integrations
APPROVED

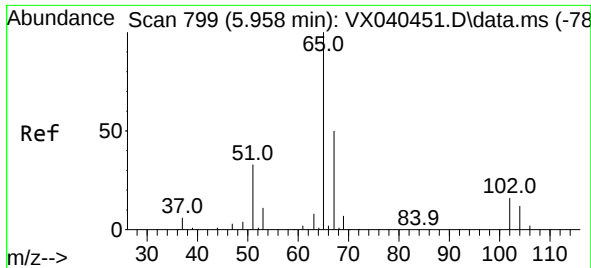
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#32
1,1,1-Trichloroethane
Concen: 55.531 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 97 Resp: 89509
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 48.7 36.4 54.6





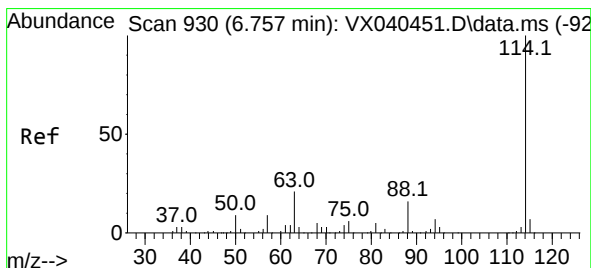
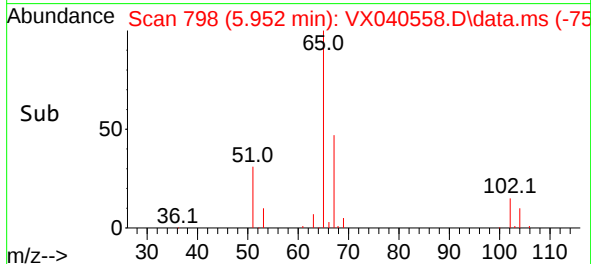
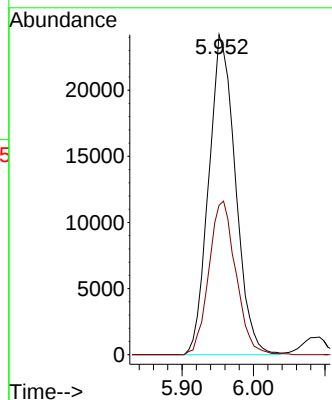
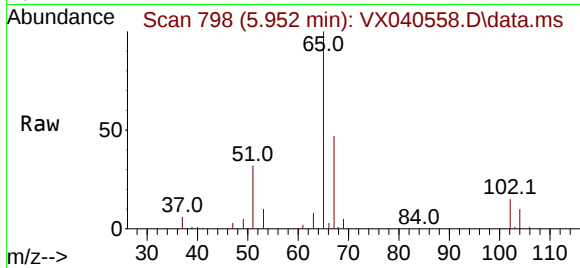
#33
 1,2-Dichloroethane-d4
 Concen: 49.297 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 6280
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 100.2

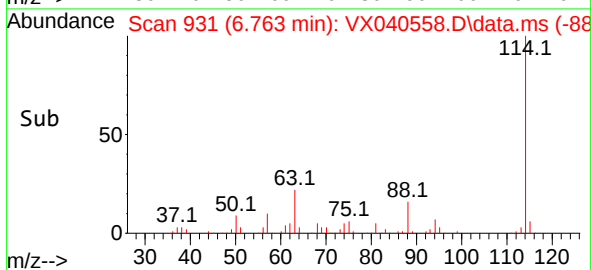
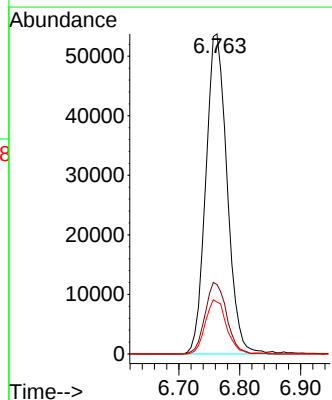
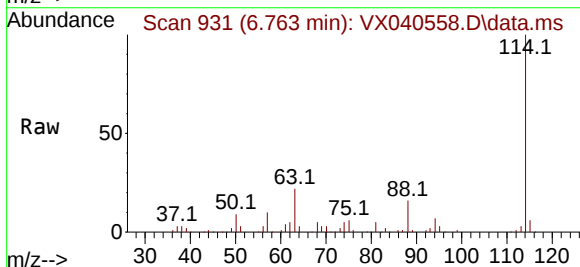
Manual Integrations
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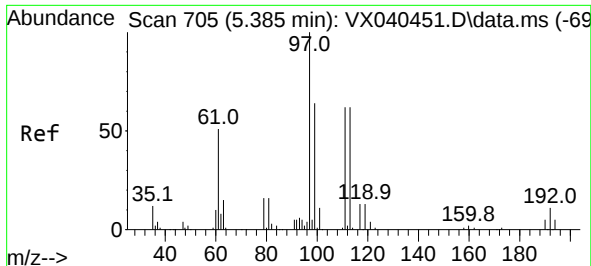
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

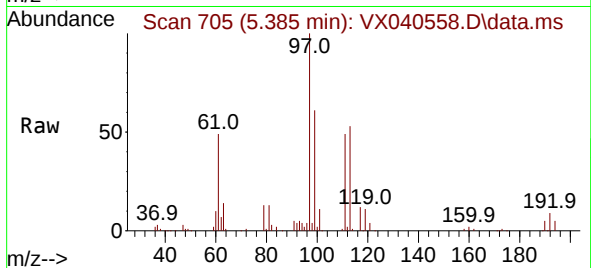
Tgt Ion:114 Resp: 130520
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.820 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

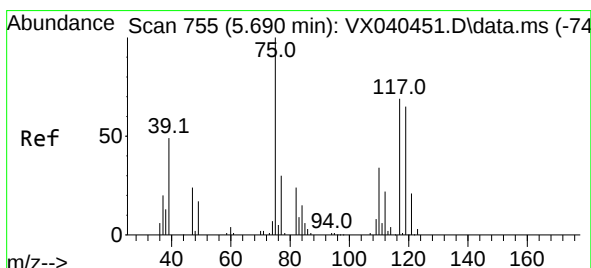
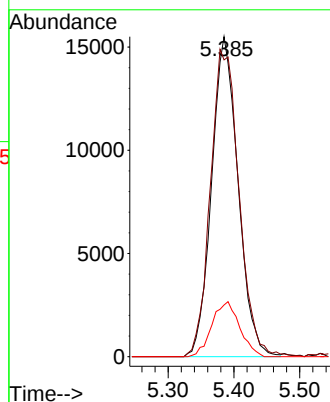
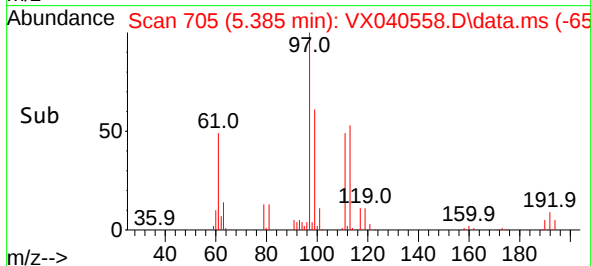
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 4340
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.0 13.3 19.9

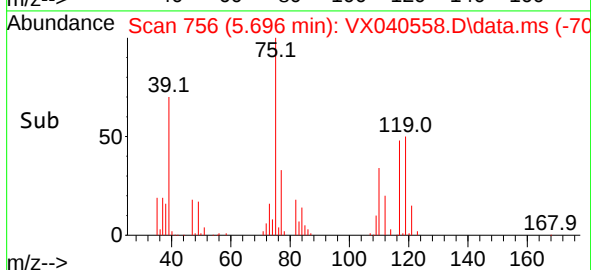
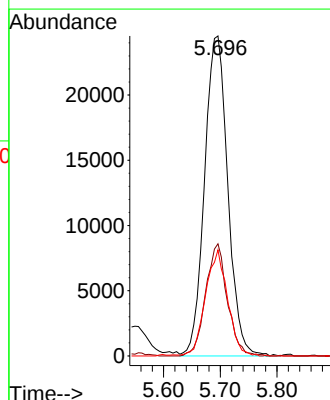
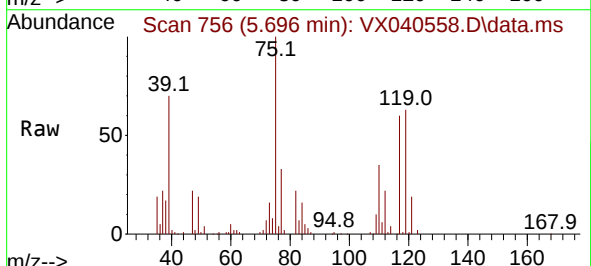
Manual Integrations
APPROVED

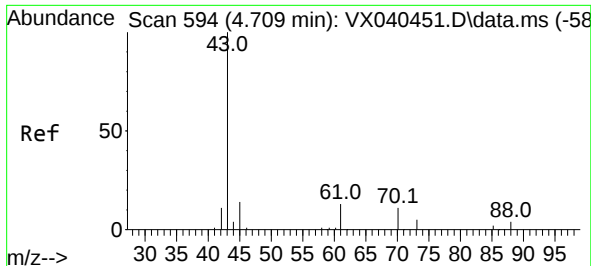
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#36
1,1-Dichloropropene
Concen: 49.991 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 75 Resp: 69906
Ion Ratio Lower Upper
75 100
110 32.7 17.0 50.9
77 31.5 24.7 37.1





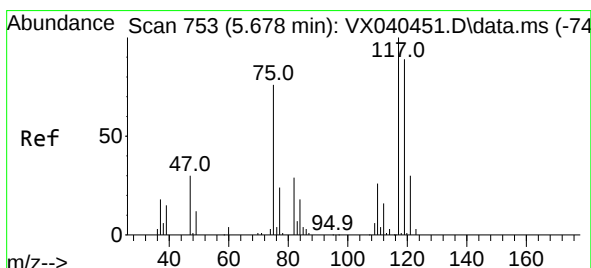
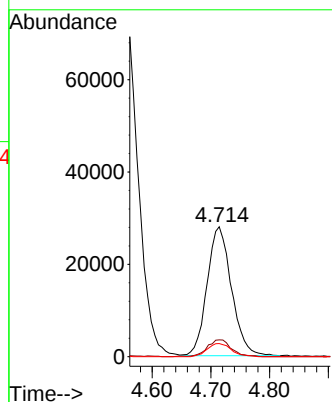
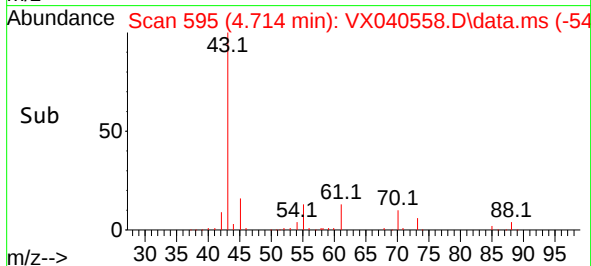
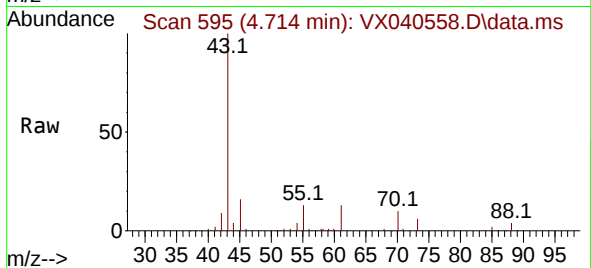
#37
Ethyl Acetate
Concen: 52.674 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 8061
Ion Ratio Lower Upper
43 100
61 12.8 10.6 16.0
70 10.0 8.3 12.5

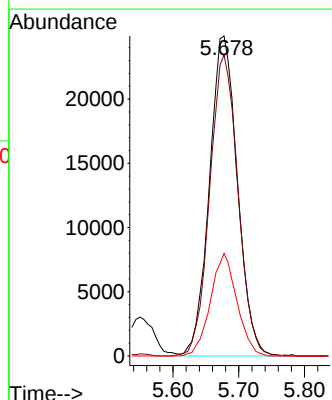
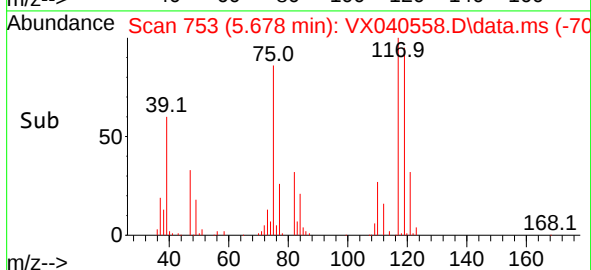
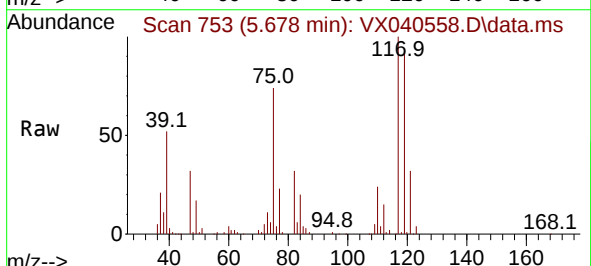
Manual Integrations
APPROVED

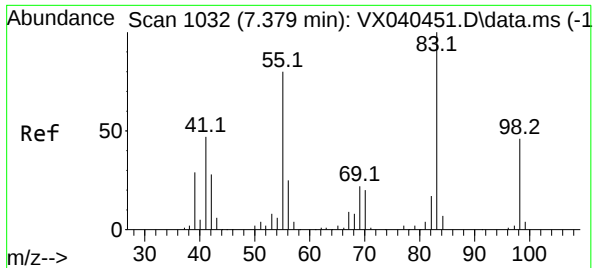
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#38
Carbon Tetrachloride
Concen: 54.584 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:117 Resp: 73738
Ion Ratio Lower Upper
117 100
119 93.9 78.2 117.2
121 32.1 24.4 36.6





#39
Methylcyclohexane
Concen: 47.524 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

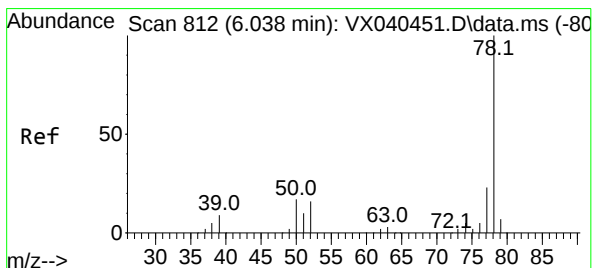
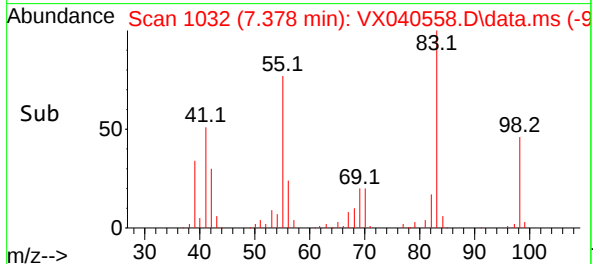
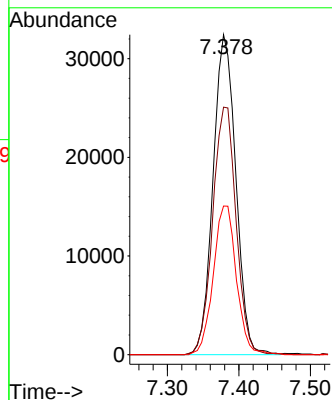
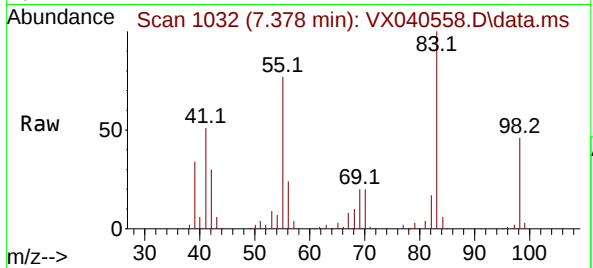
Tgt Ion: 83 Resp: 71750
Ion Ratio Lower Upper
83 100
55 77.3 64.6 97.0
98 46.4 36.7 55.1

Manual Integrations

APPROVED

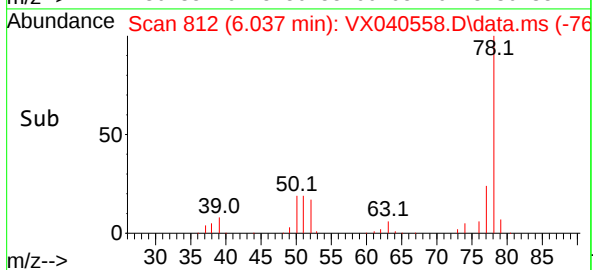
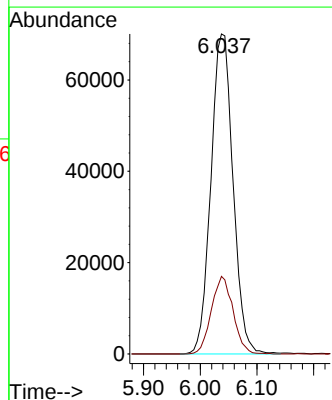
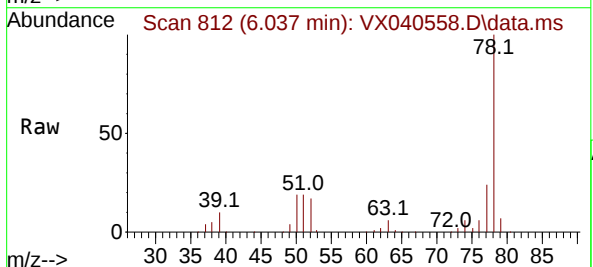
Reviewed By :John Carlone 03/04/2024

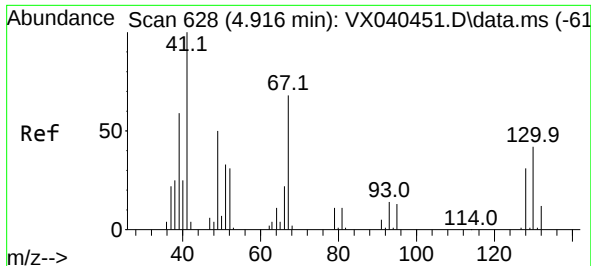
Supervised By :Mahesh Dadoda 03/04/2024



#40
Benzene
Concen: 50.141 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 78 Resp: 189833
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





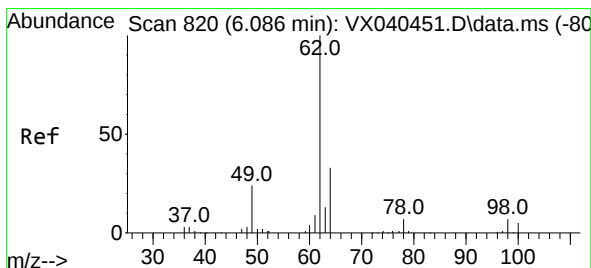
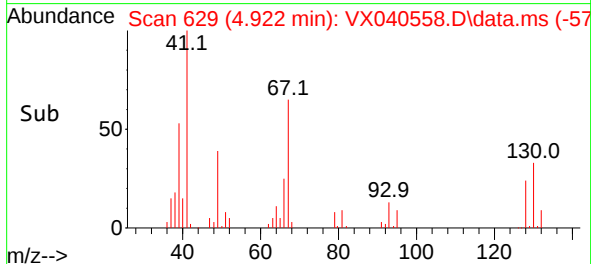
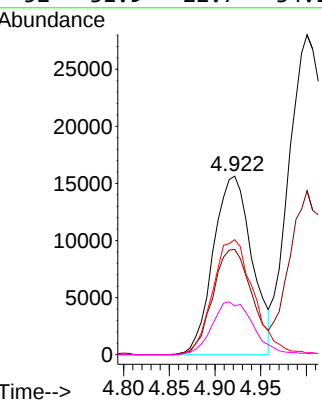
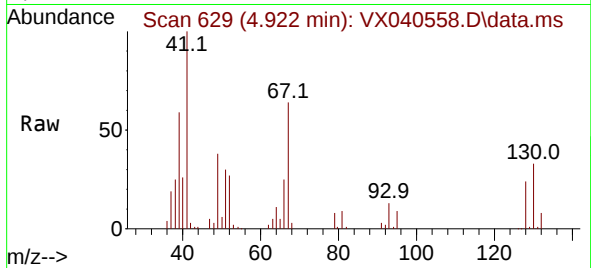
#41
Methacrylonitrile
Concen: 53.866 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	4604
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.2	67.8
67	68.0	52.6	78.8
52	31.9	22.7	34.1

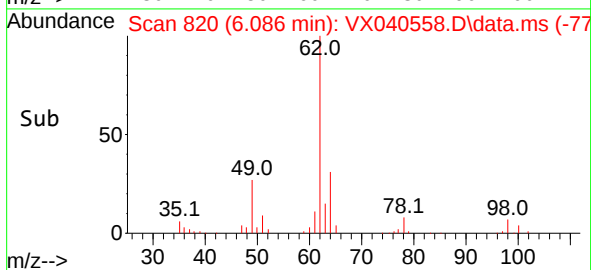
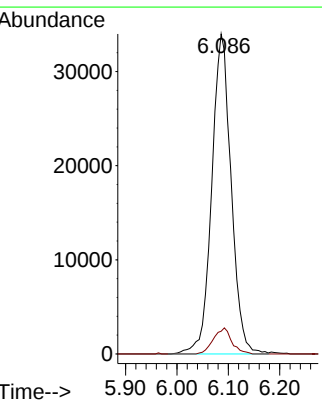
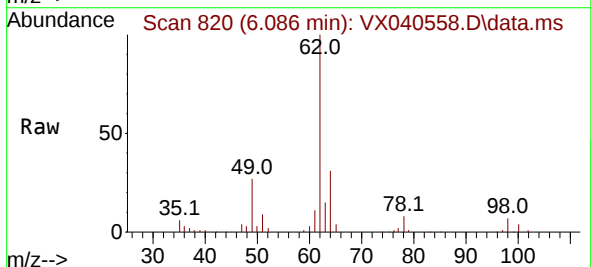
Manual Integrations
APPROVED

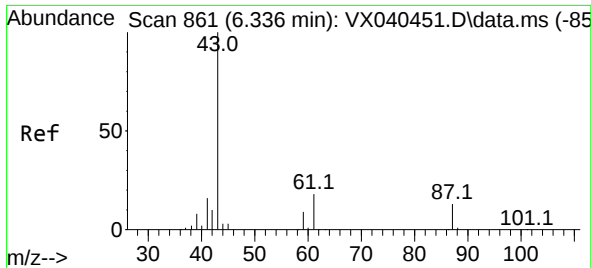
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#42
1,2-Dichloroethane
Concen: 56.892 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:	62	Resp:	89149
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0





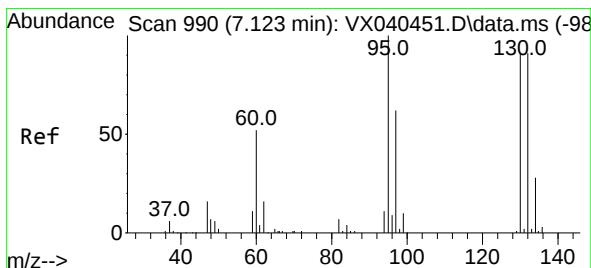
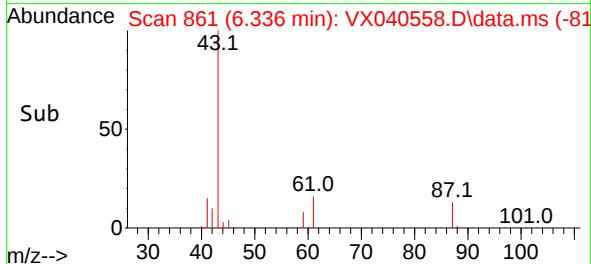
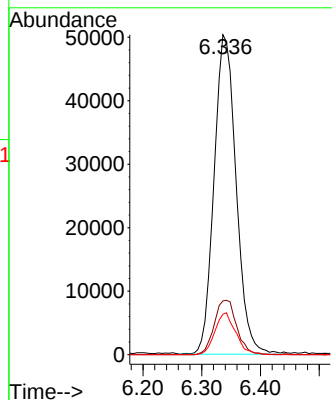
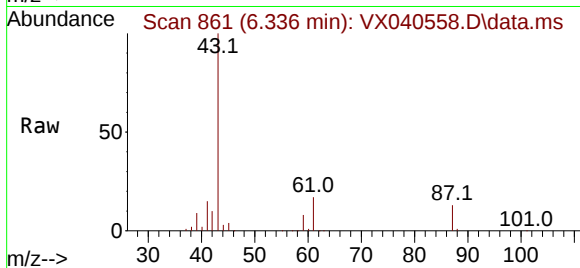
#43
Isopropyl Acetate
Concen: 54.653 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13124
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.3 9.8 14.6

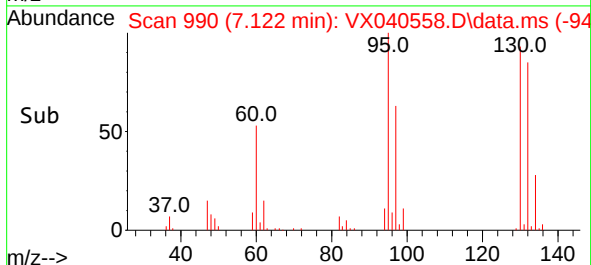
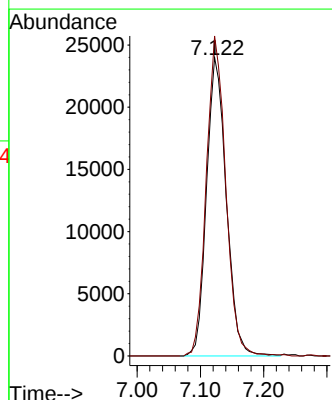
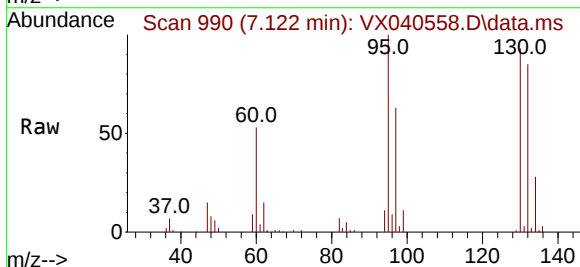
Manual Integrations
APPROVED

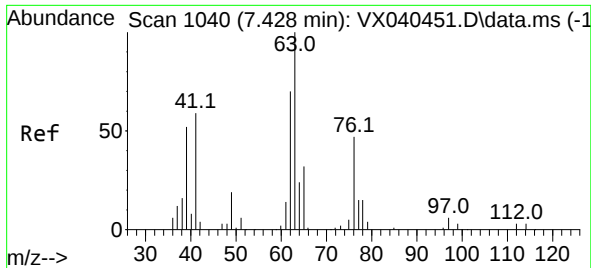
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#44
Trichloroethene
Concen: 51.067 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:130 Resp: 51996
Ion Ratio Lower Upper
130 100
95 107.2 0.0 204.4





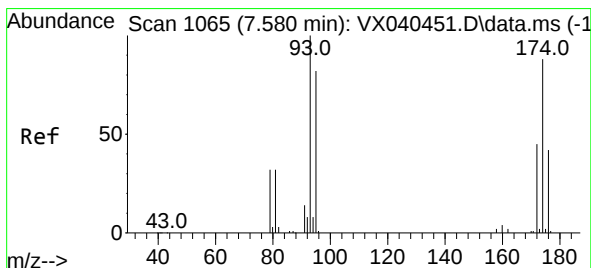
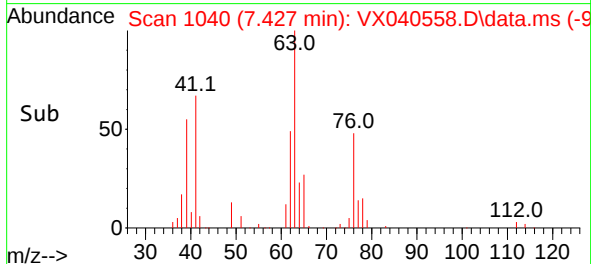
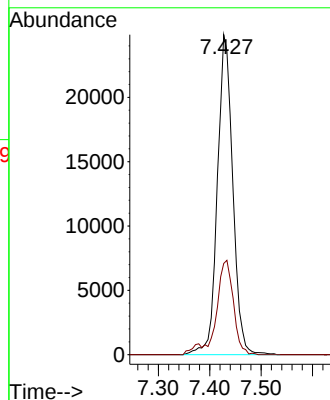
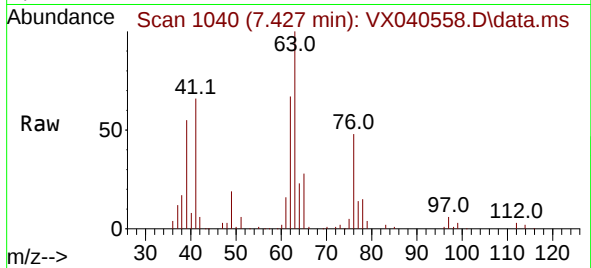
#45
1,2-Dichloropropane
Concen: 51.078 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 51754
Ion Ratio Lower Upper
63 100
65 28.5 24.3 36.5

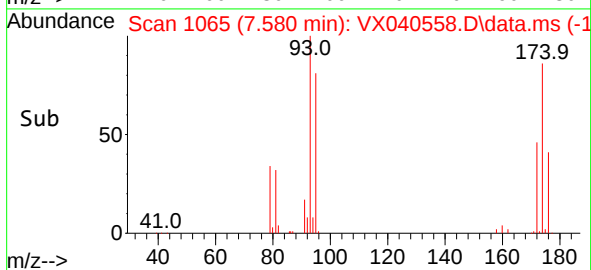
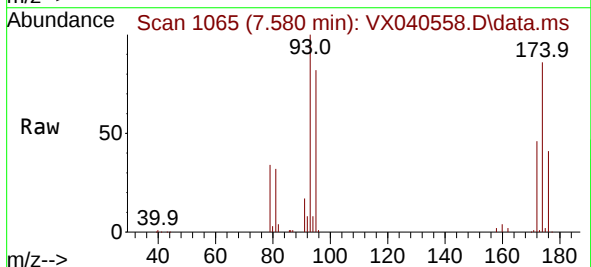
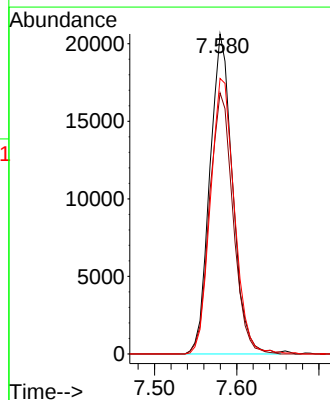
Manual Integrations
APPROVED

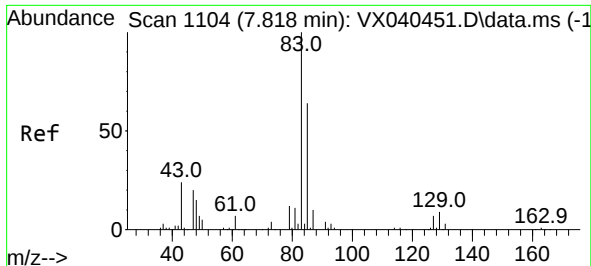
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#46
Dibromomethane
Concen: 53.317 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 93 Resp: 39718
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 90.3 69.4 104.0





#47
Bromodichloromethane
Concen: 55.164 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

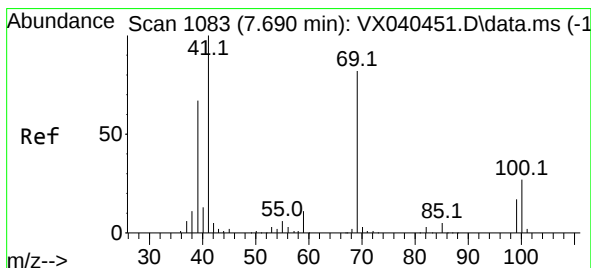
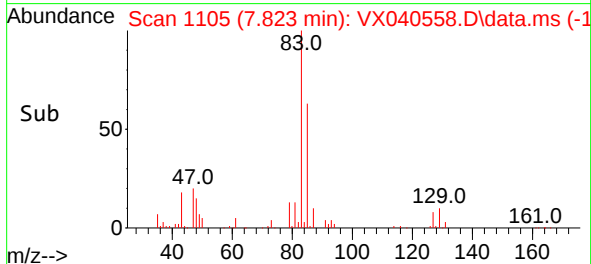
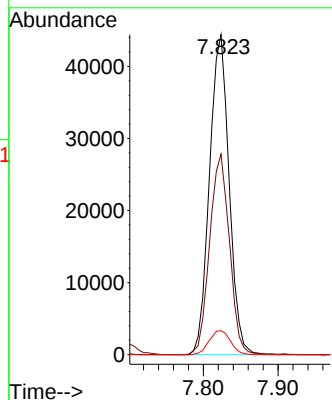
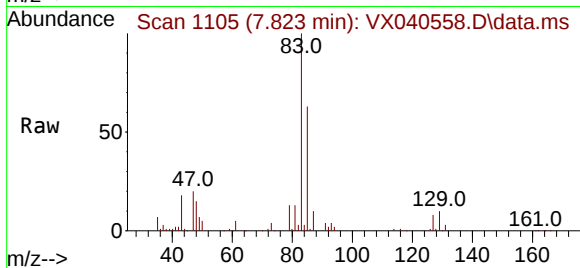
Tgt Ion: 83 Resp: 8091
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 7.5 7.1 10.7

Manual Integrations

APPROVED

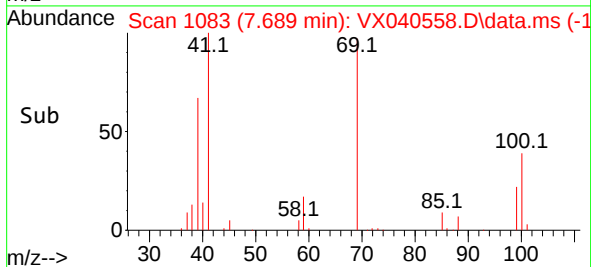
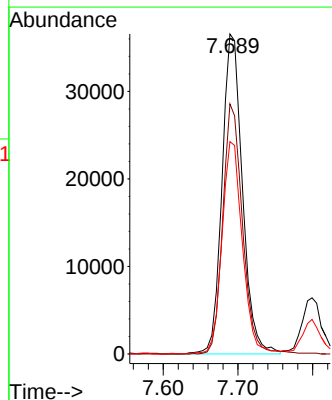
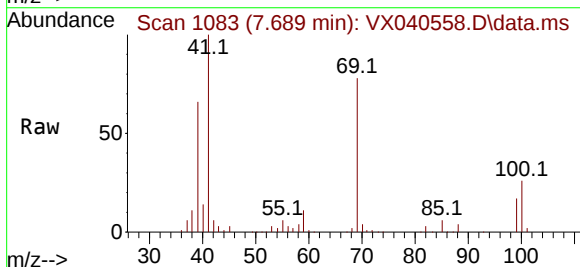
Reviewed By :John Carlone 03/04/2024

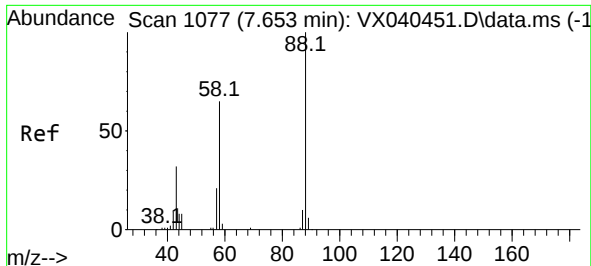
Supervised By :Mahesh Dadoda 03/04/2024



#48
Methyl methacrylate
Concen: 57.858 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 41 Resp: 69444
Ion Ratio Lower Upper
41 100
69 75.8 59.2 88.8
39 66.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1190.801 ug/l

RT: 7.653 min Scan# 110

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2703

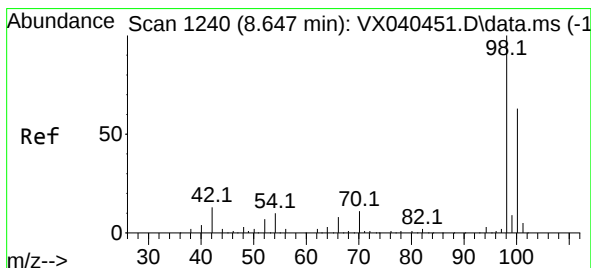
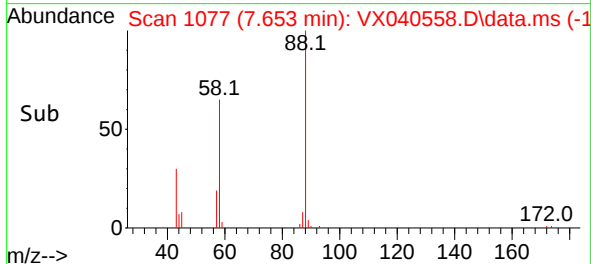
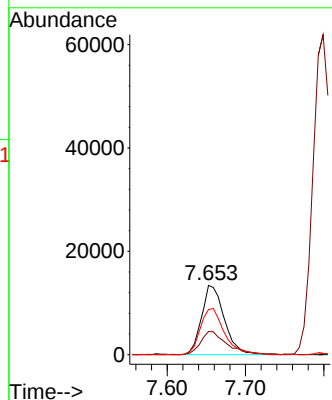
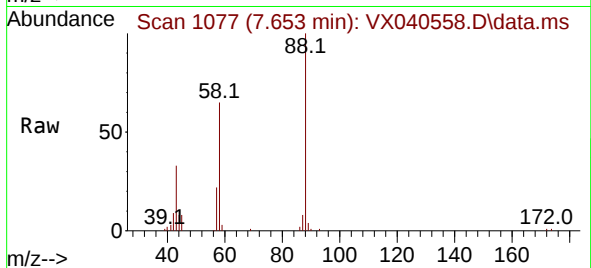
Ion	Ratio	Lower	Upper
88	100		
43	39.5	0.0	0.0
58	70.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#50

Toluene-d8

Concen: 46.262 ug/l

RT: 8.646 min Scan# 1240

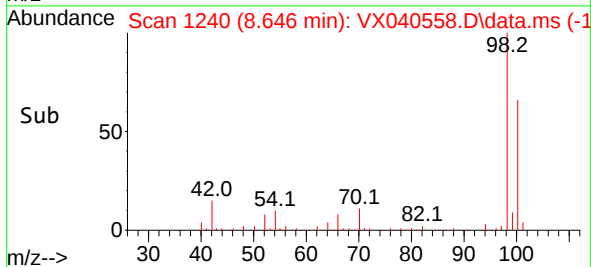
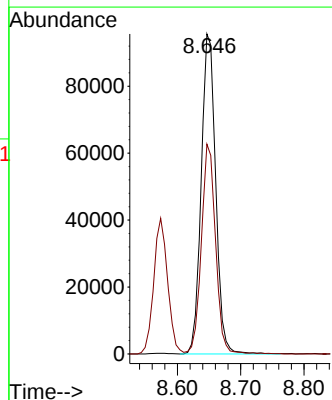
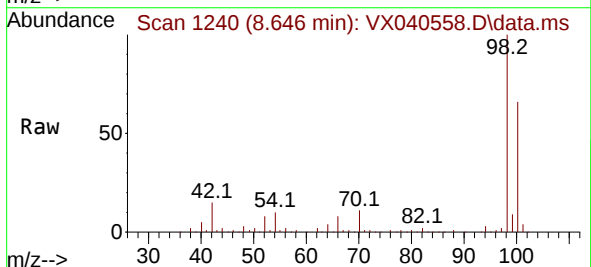
Delta R.T. -0.000 min

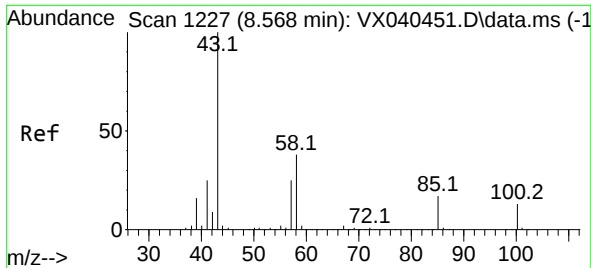
Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Tgt Ion: 98 Resp: 152415

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.1	79.7





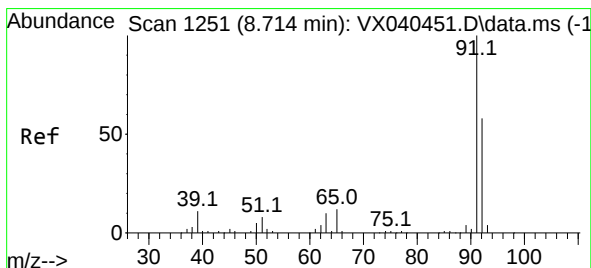
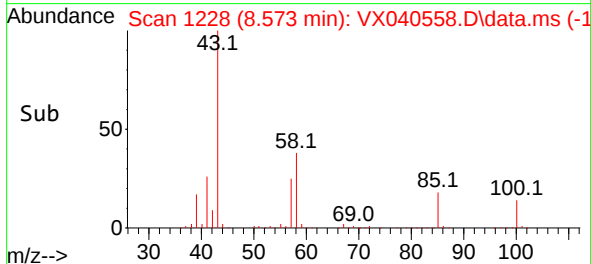
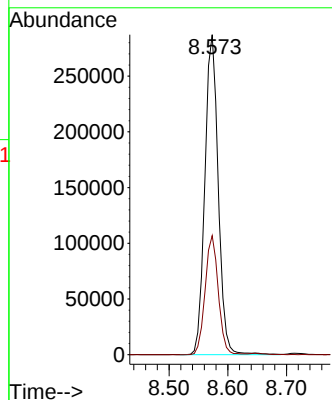
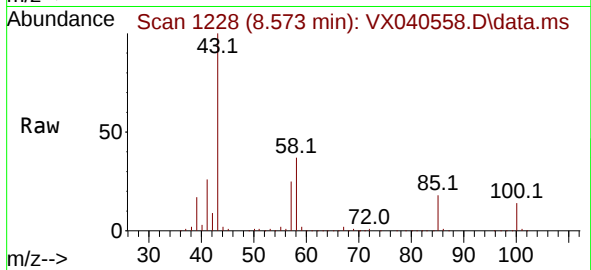
#51
4-Methyl-2-Pentanone
Concen: 286.896 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45550
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

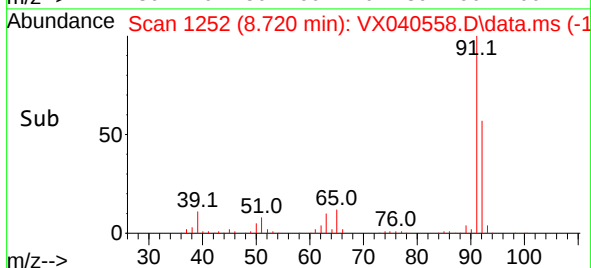
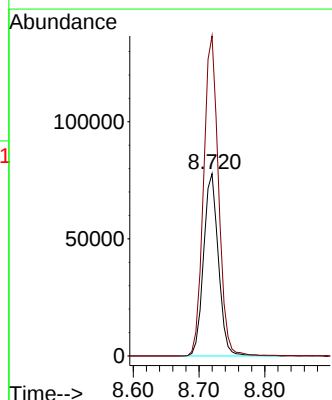
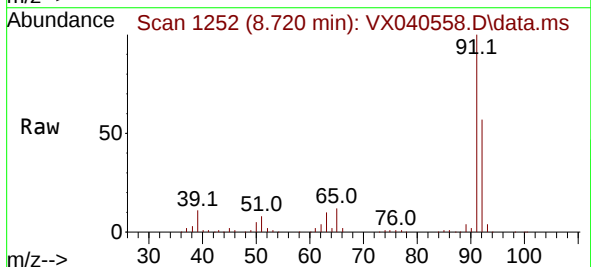
Manual Integrations
APPROVED

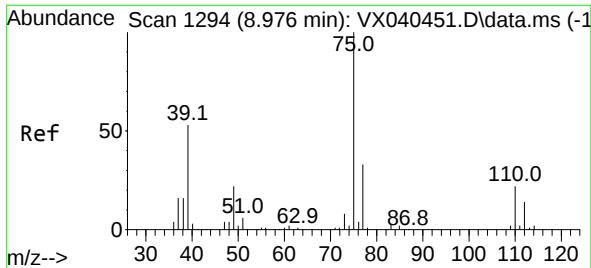
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#52
Toluene
Concen: 52.360 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 92 Resp: 121658
Ion Ratio Lower Upper
92 100
91 177.6 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 54.932 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

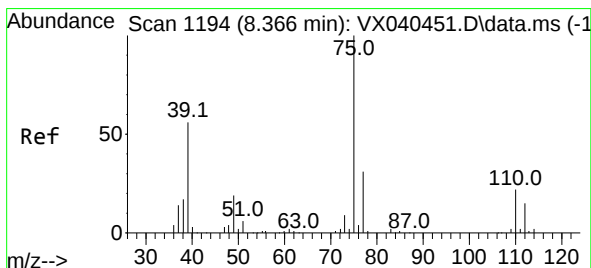
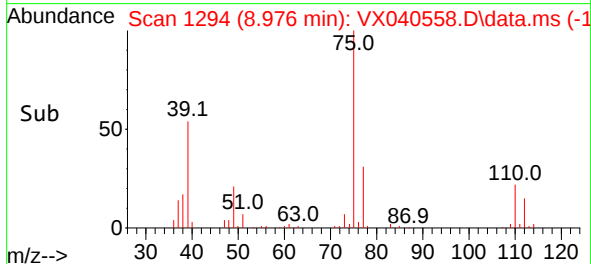
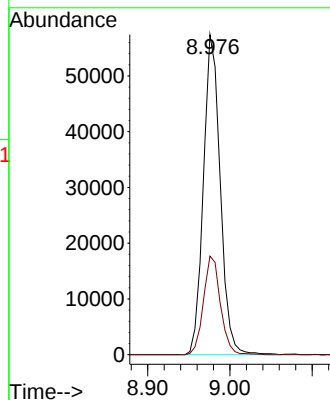
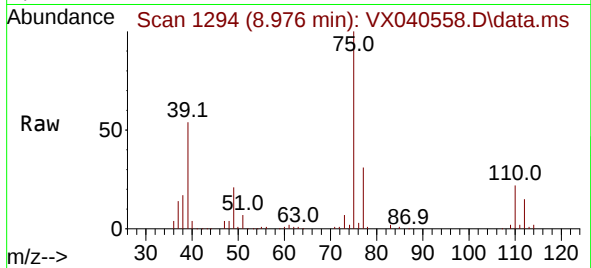
VSTDCCC050EC

Tgt Ion: 75 Resp: 8176
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5

Manual Integrations

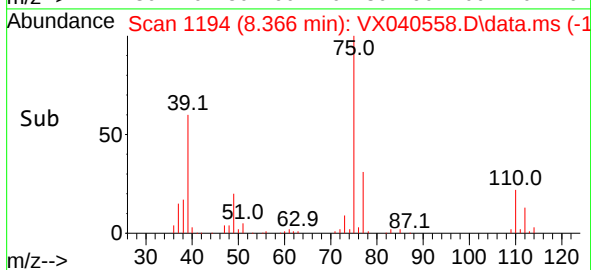
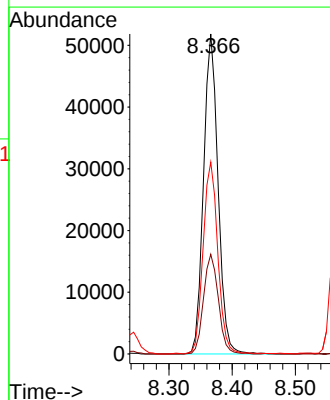
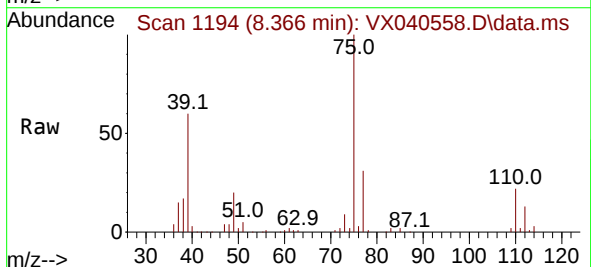
APPROVED

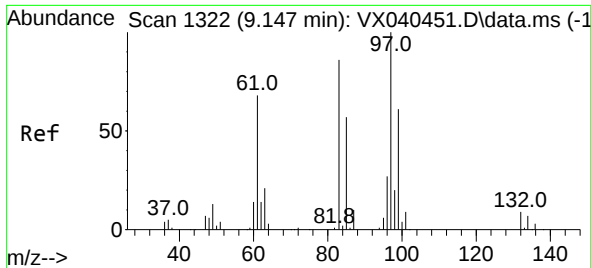
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.723 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

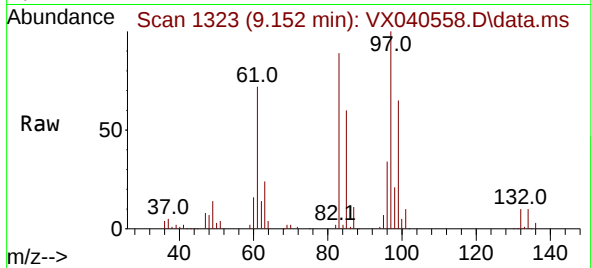
Tgt Ion: 75 Resp: 82756
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 59.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 55.581 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

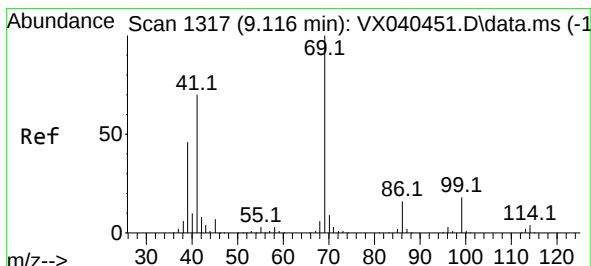
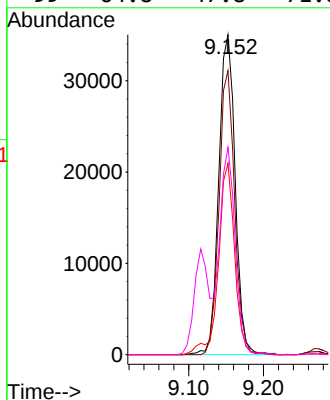
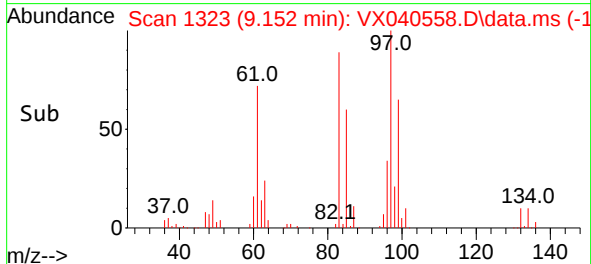


Tgt Ion: 97 Resp: 53594

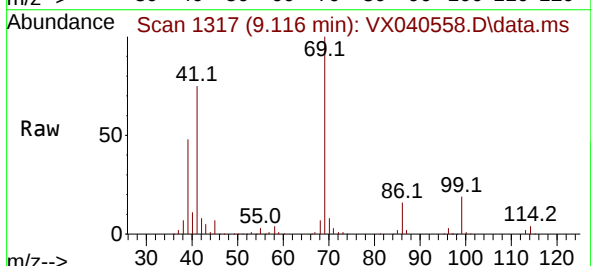
Ion	Ratio	Lower	Upper
97	100		
83	88.8	65.8	98.8
85	59.8	41.6	62.4
99	64.8	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

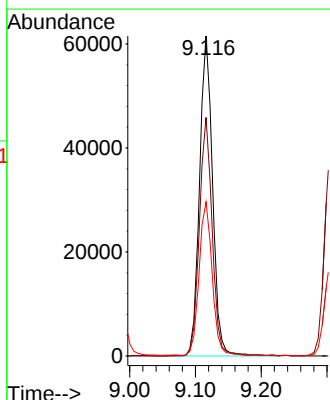
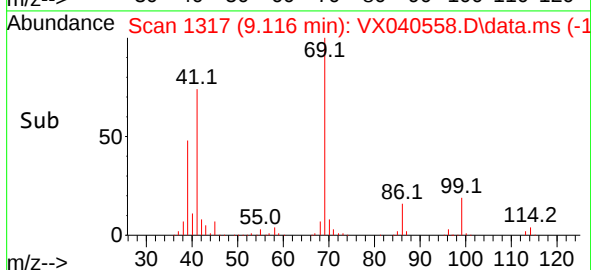


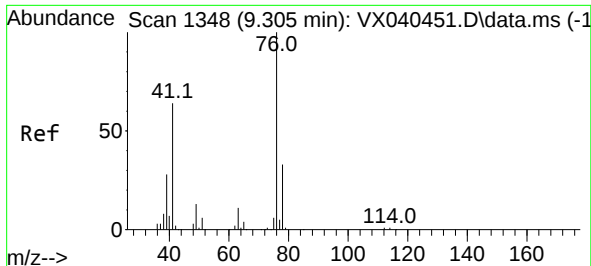
#56
Ethyl methacrylate
Concen: 56.742 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25



Tgt Ion: 69 Resp: 84595

Ion	Ratio	Lower	Upper
69	100		
41	73.5	56.8	85.2
39	48.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.975 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 90650

Ion Ratio Lower Upper

76 100

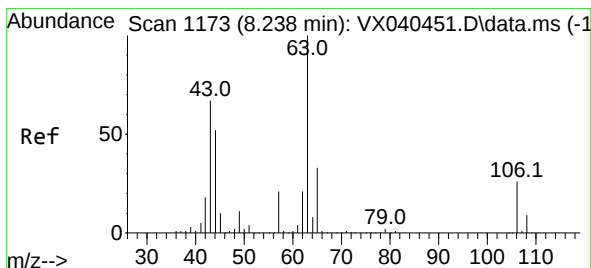
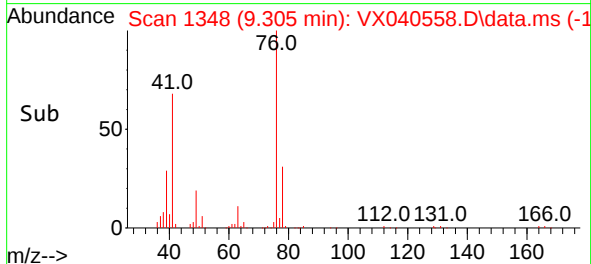
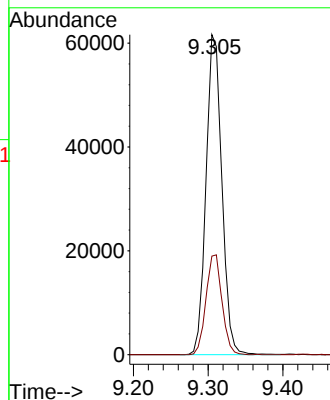
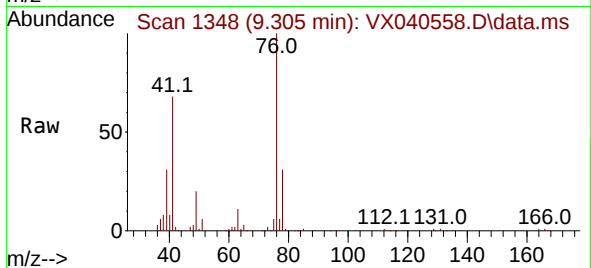
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 248.706 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040558.D

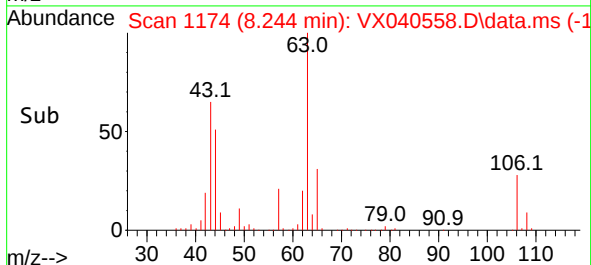
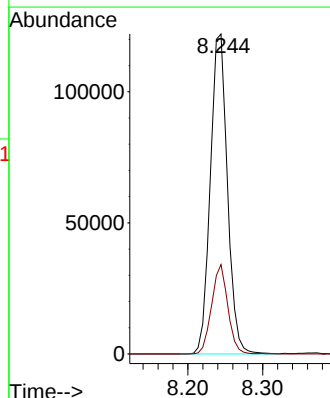
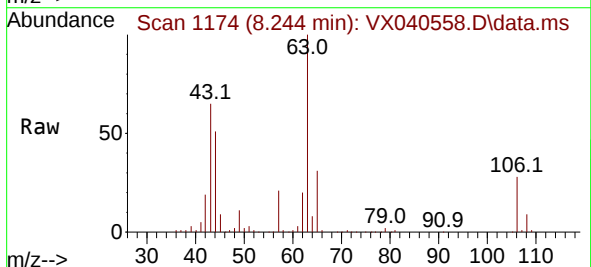
Acq: 01 Mar 2024 19:25

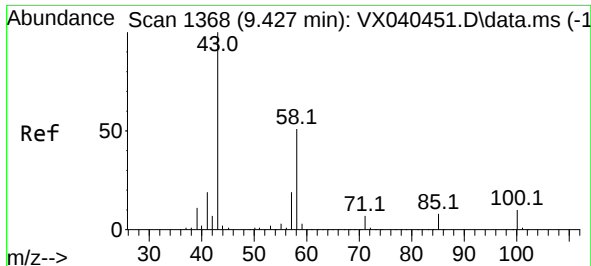
Tgt Ion: 63 Resp: 194413

Ion Ratio Lower Upper

63 100

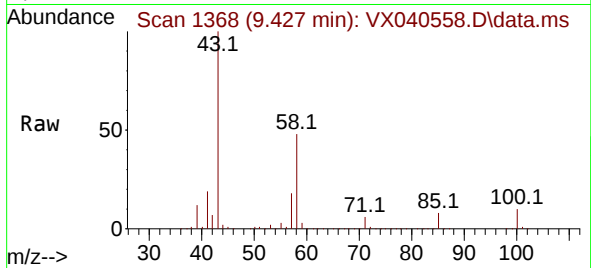
106 26.4 22.5 33.7





#59
2-Hexanone
Concen: 295.159 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

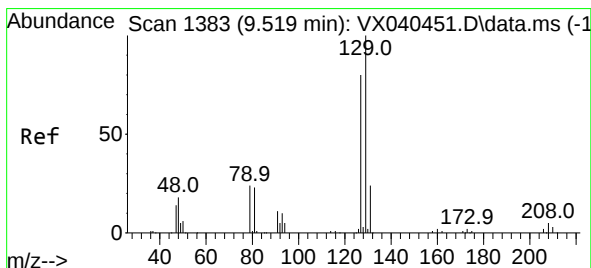
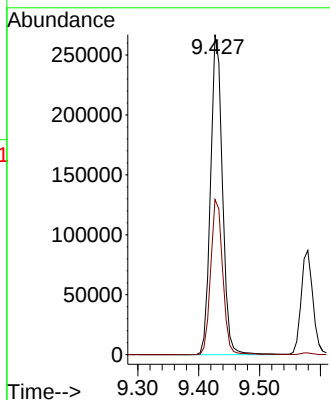
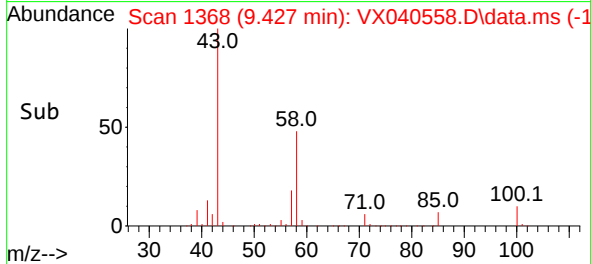
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 360294
Ion Ratio Lower Upper
43 100
58 49.3 26.2 78.5

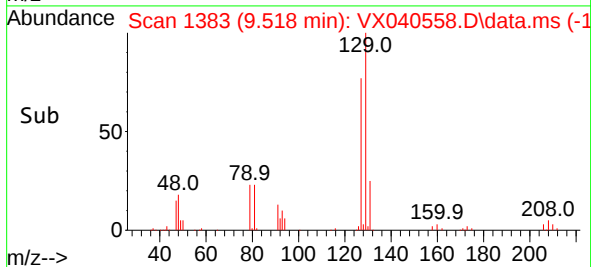
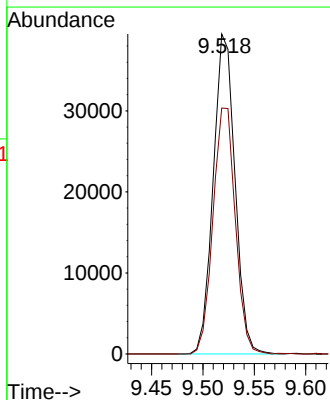
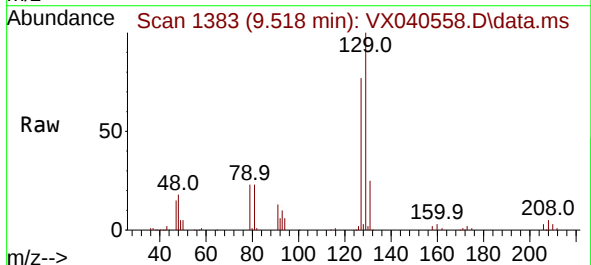
Manual Integrations
APPROVED

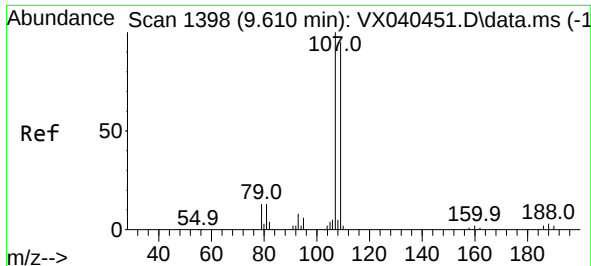
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#60
Dibromochloromethane
Concen: 55.414 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

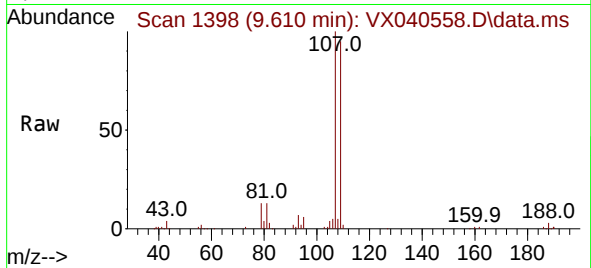
Tgt Ion:129 Resp: 58037
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.149 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

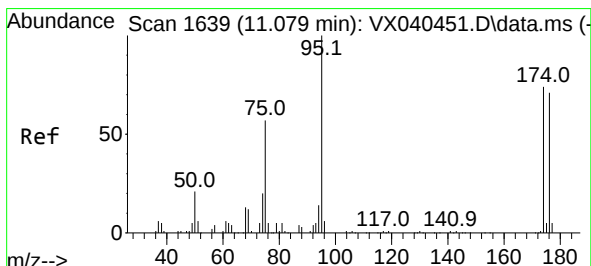
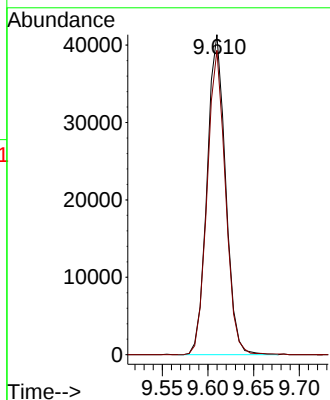
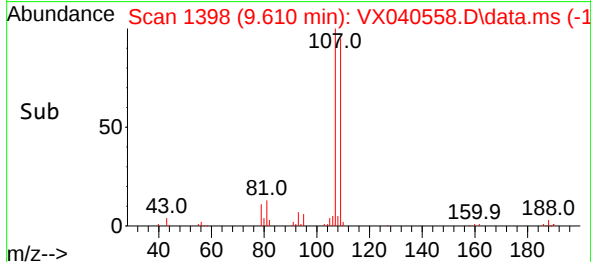
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5802
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

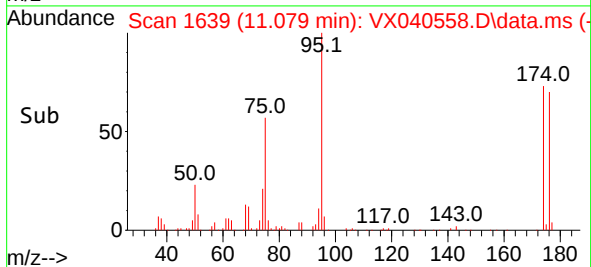
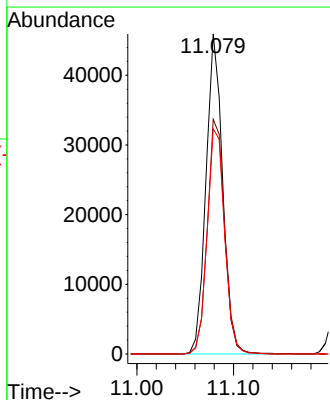
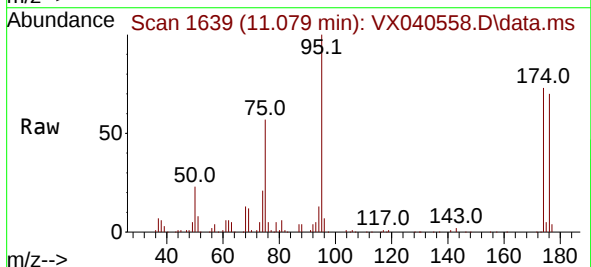
Manual Integrations
APPROVED

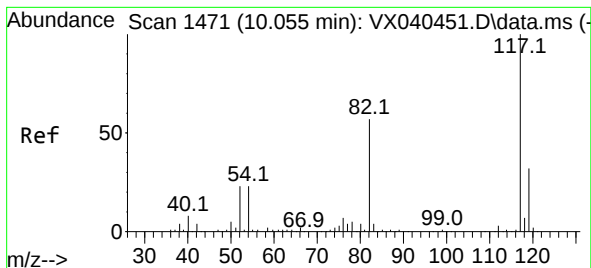
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#62
4-Bromofluorobenzene
Concen: 43.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

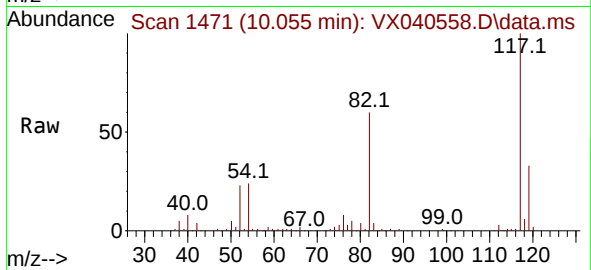
Tgt Ion: 95 Resp: 54749
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 73.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

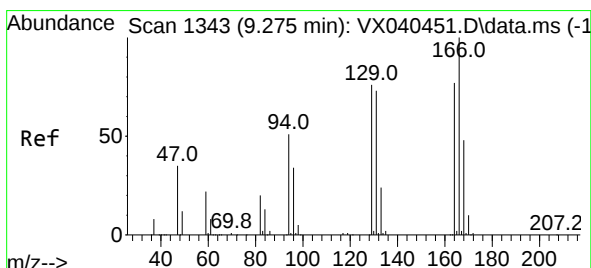
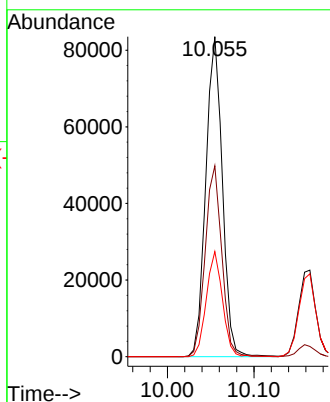
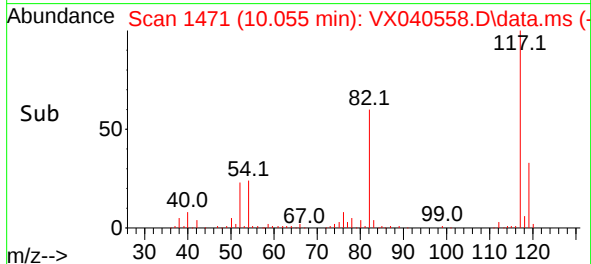
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 11111
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.8 25.5 38.3

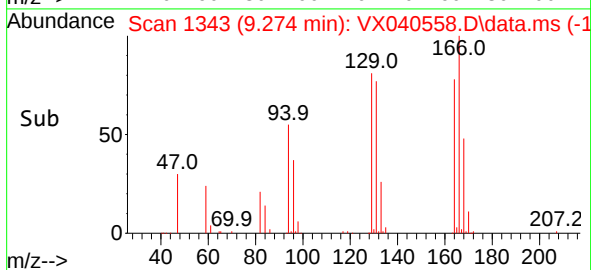
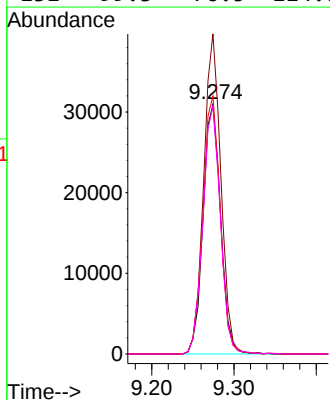
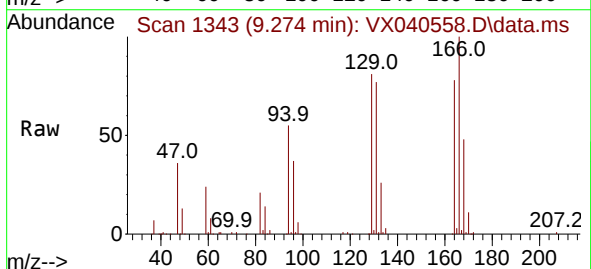
Manual Integrations
APPROVED

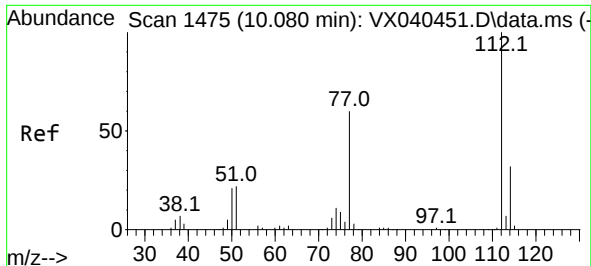
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#64
Tetrachloroethene
Concen: 58.869 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:164 Resp: 45922
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 103.3 80.4 120.6
131 99.3 76.5 114.7





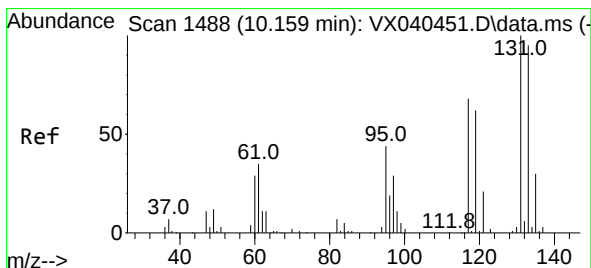
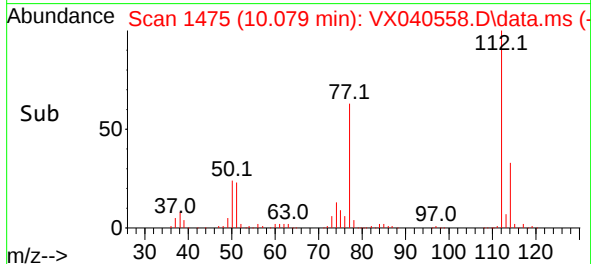
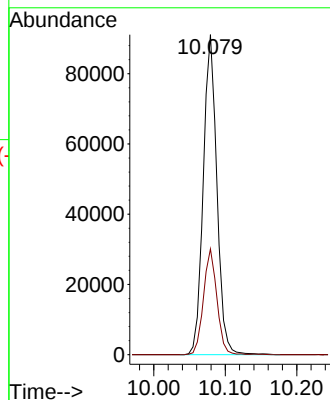
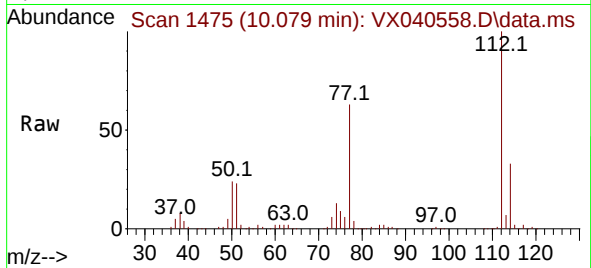
#65
Chlorobenzene
Concen: 51.008 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 120552
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

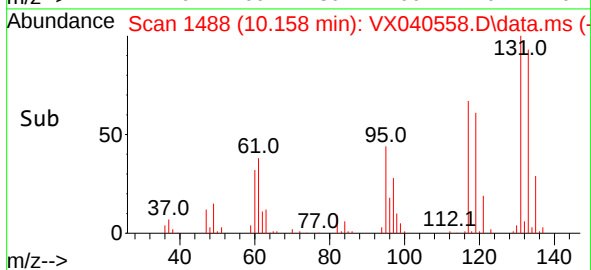
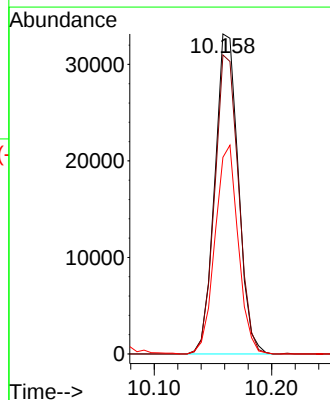
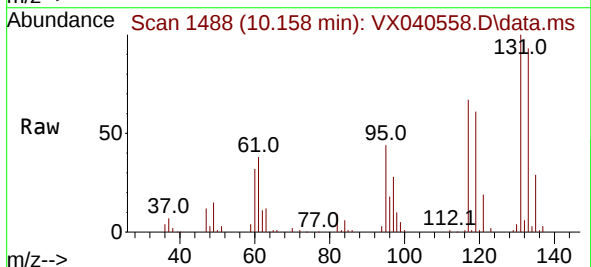
Manual Integrations
APPROVED

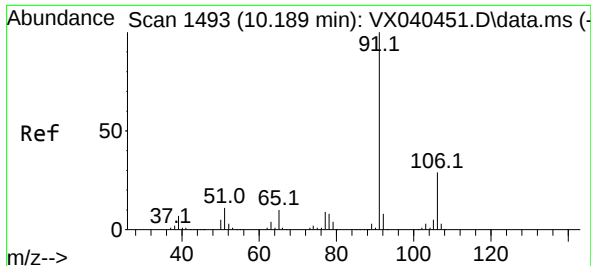
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.438 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:131 Resp: 46174
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 52.380 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 226608

Ion Ratio Lower Upper

91 100

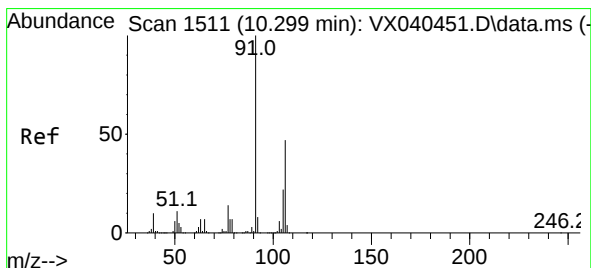
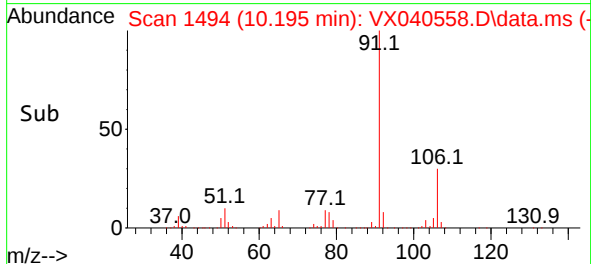
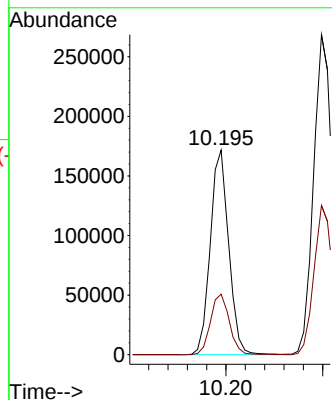
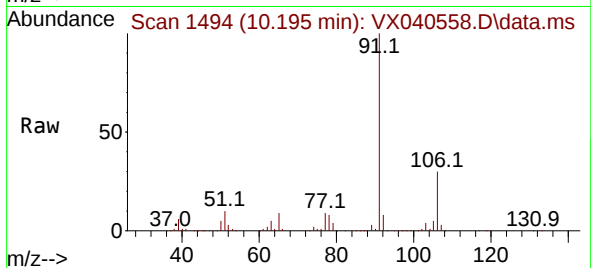
106 29.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#68

m/p-Xylenes

Concen: 104.871 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040558.D

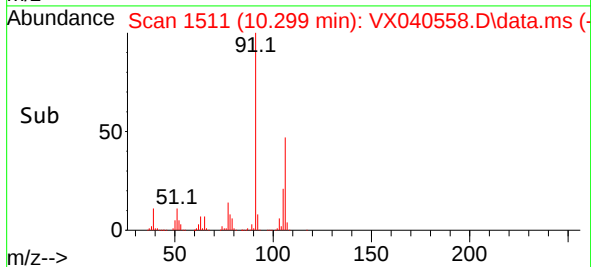
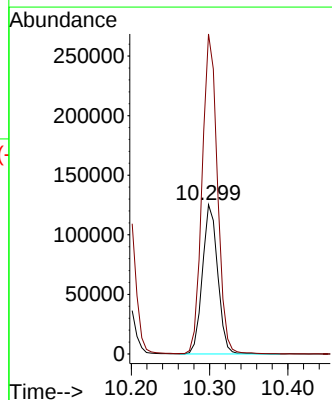
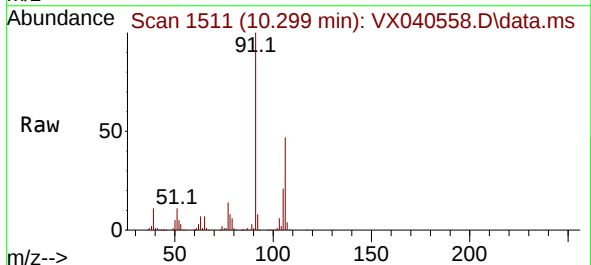
Acq: 01 Mar 2024 19:25

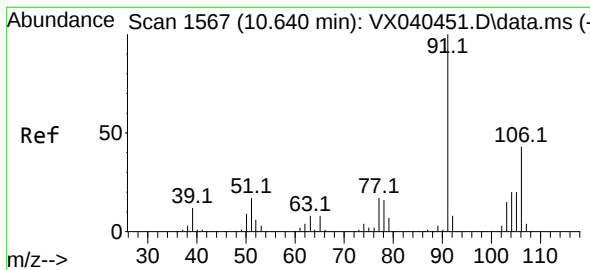
Tgt Ion:106 Resp: 169421

Ion Ratio Lower Upper

106 100

91 214.9 165.5 248.3





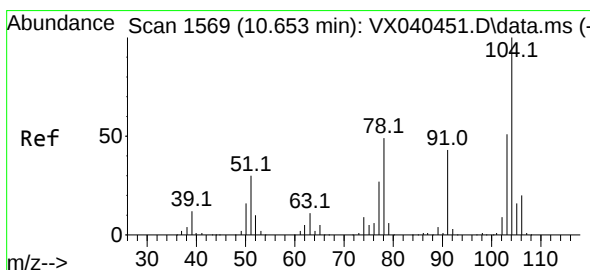
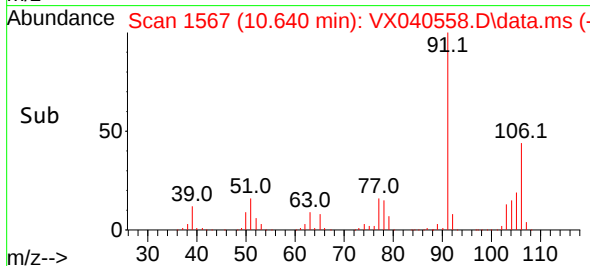
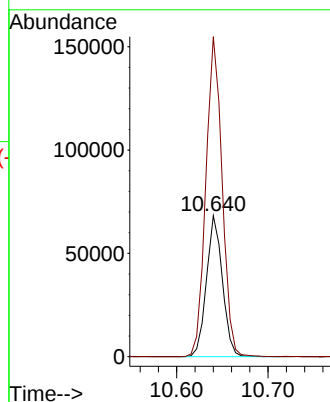
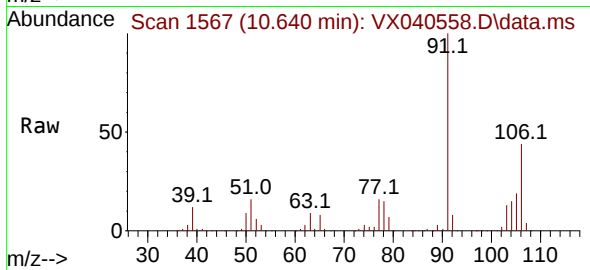
#69
o-Xylene
Concen: 53.309 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 82368
Ion Ratio Lower Upper
106 100
91 232.0 108.9 326.8

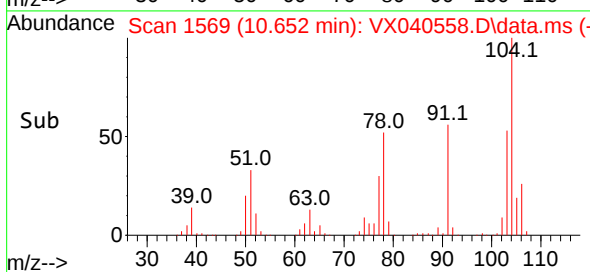
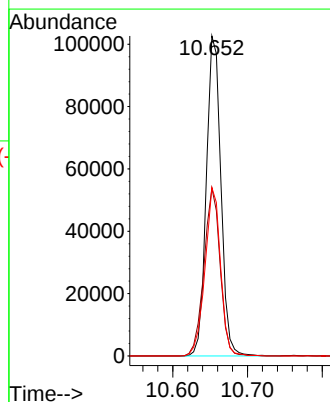
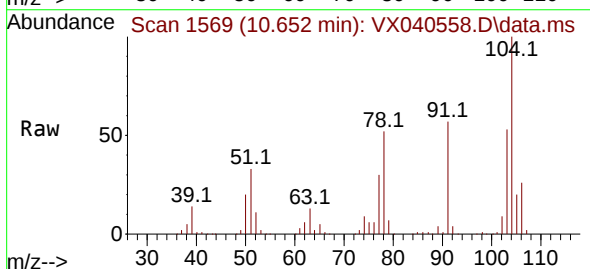
Manual Integrations
APPROVED

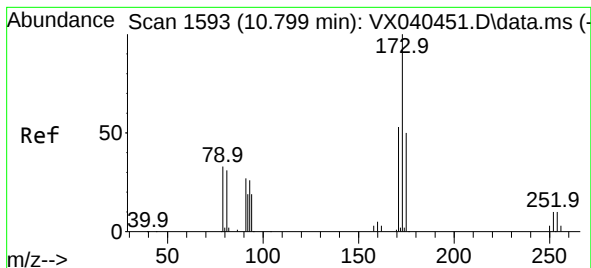
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#70
Styrene
Concen: 53.971 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:104 Resp: 139017
Ion Ratio Lower Upper
104 100
78 58.1 43.6 65.4
103 56.1 43.6 65.4





#71

Bromoform

Concen: 56.817 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

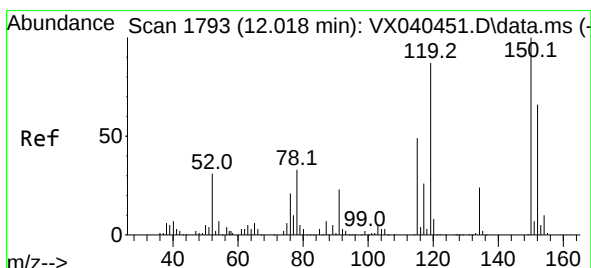
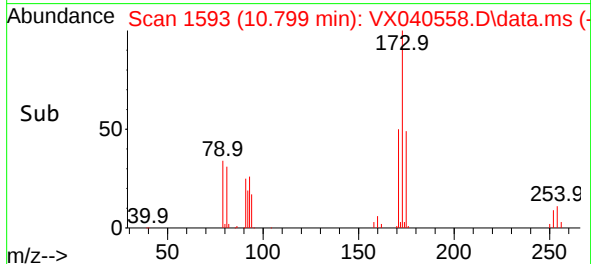
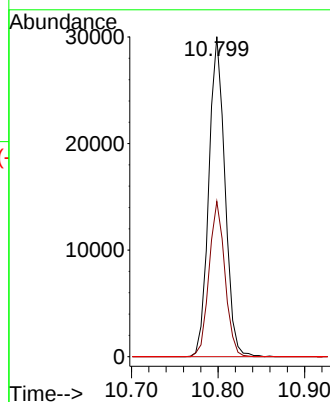
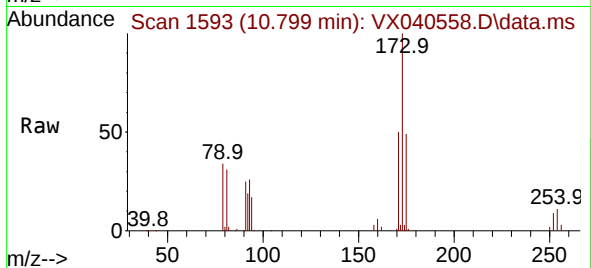
Tgt Ion:173	Resp:	3873
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

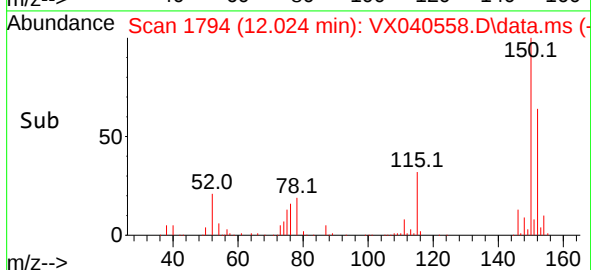
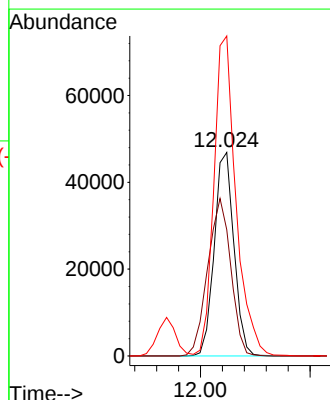
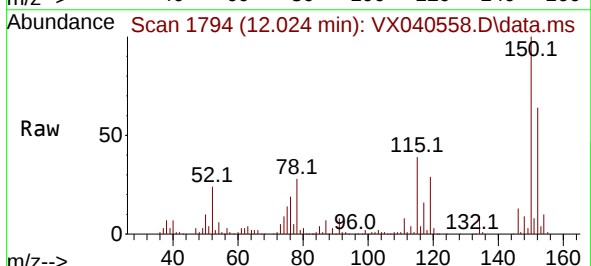
RT: 12.024 min Scan# 1794

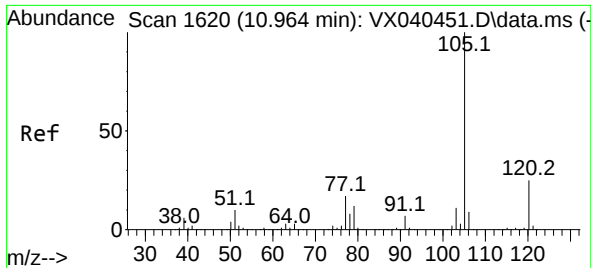
Delta R.T. 0.006 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Tgt Ion:152	Resp:	58388
Ion Ratio	Lower	Upper
152	100	
115	90.8	43.3 129.9
150	176.7	0.0 345.0





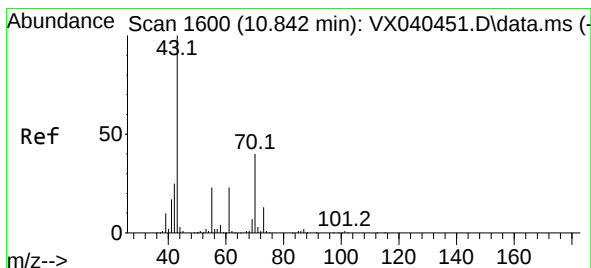
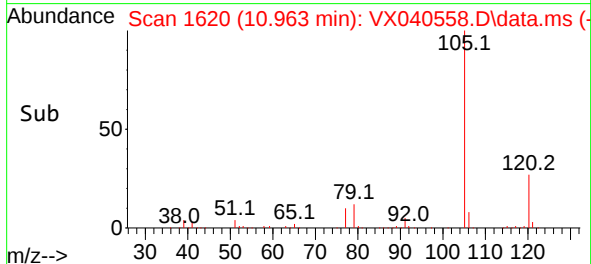
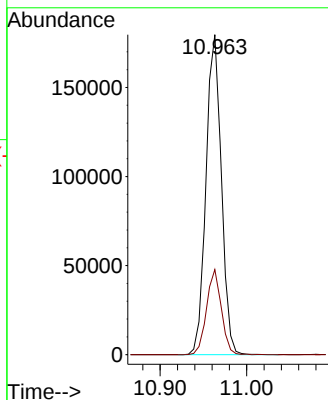
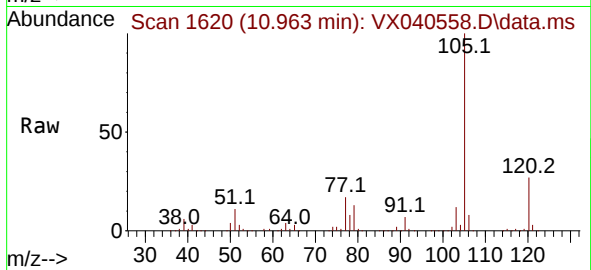
#73
Isopropylbenzene
Concen: 51.466 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 221304
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

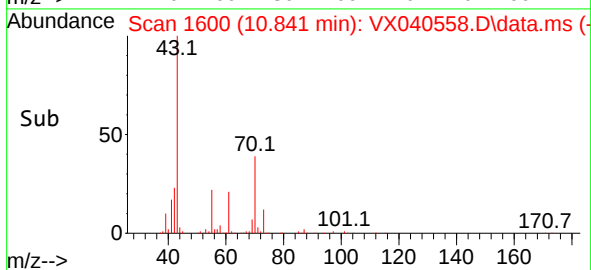
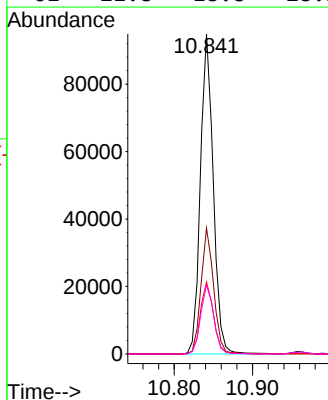
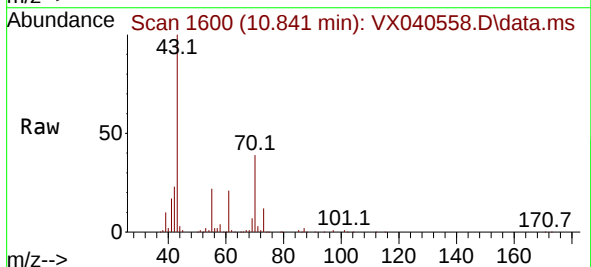
Manual Integrations
APPROVED

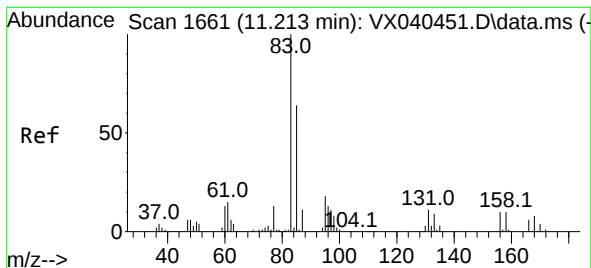
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#74
N-ethyl acetate
Concen: 54.195 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 43 Resp: 108234
Ion Ratio Lower Upper
43 100
70 38.7 32.9 49.3
55 23.2 19.3 28.9
61 21.8 18.8 28.2





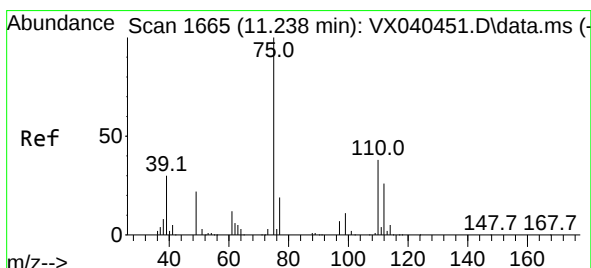
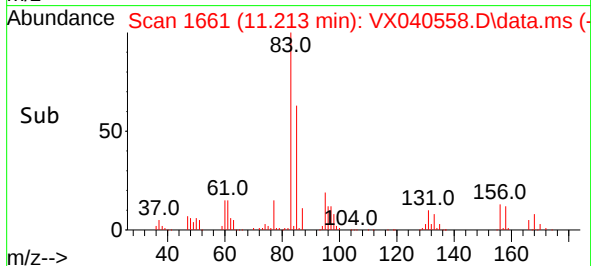
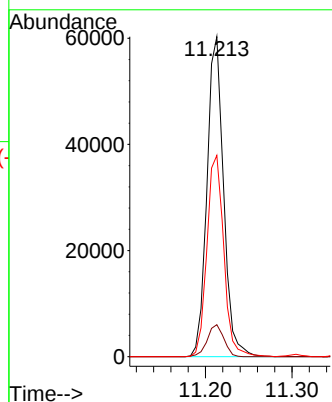
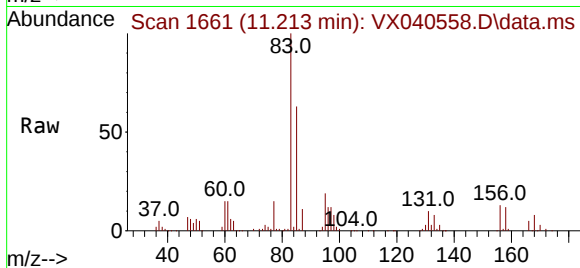
#75
1,1,2,2-Tetrachloroethane
Concen: 51.594 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8023
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.0 32.0 96.2

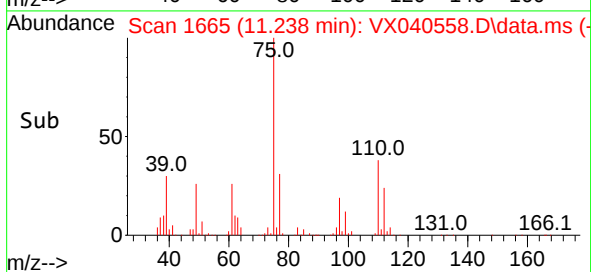
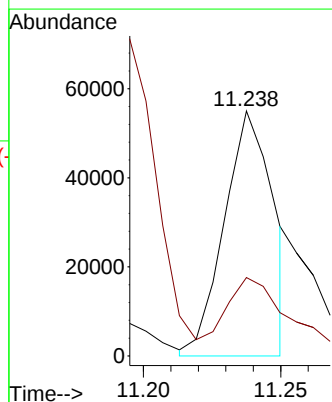
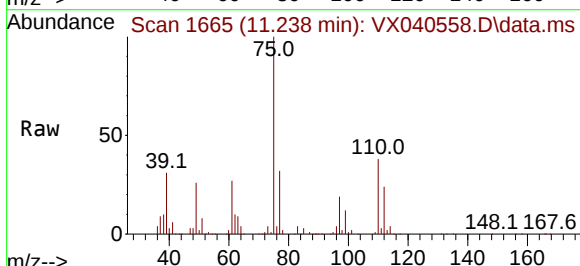
Manual Integrations
APPROVED

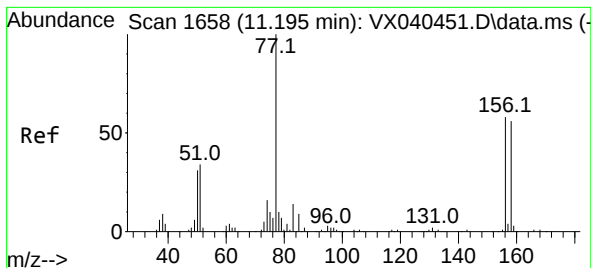
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#76
1,2,3-Trichloropropane
Concen: 52.997 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 75 Resp: 68102
Ion Ratio Lower Upper
75 100
77 42.6 19.1 57.5





#77

Bromobenzene

Concen: 52.401 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

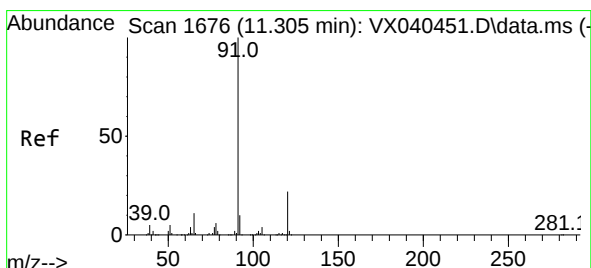
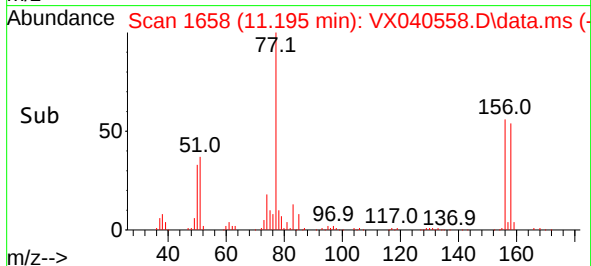
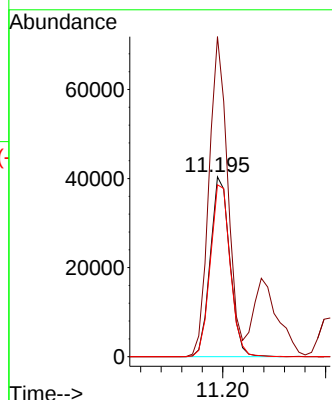
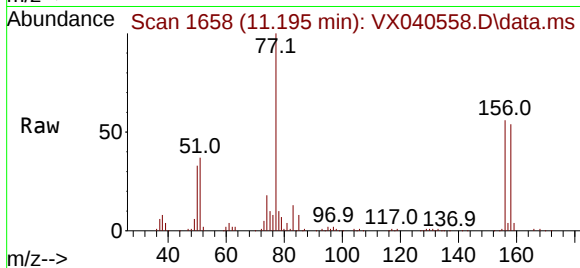
Tgt Ion:	156	Resp:	53279
Ion Ratio	Lower	Upper	
156	100		
77	170.4	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#78

n-propylbenzene

Concen: 50.403 ug/l

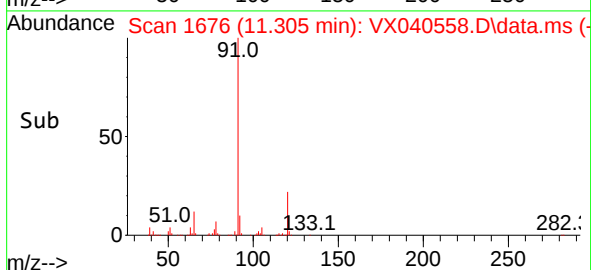
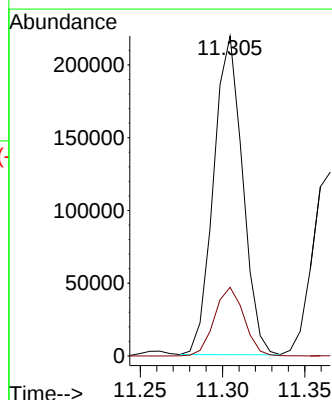
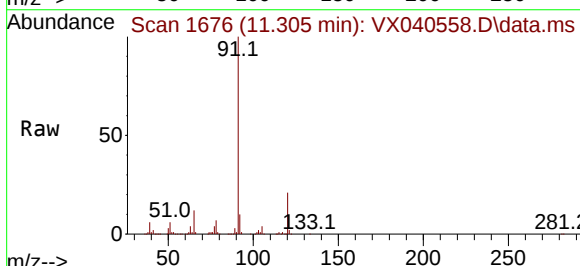
RT: 11.305 min Scan# 1676

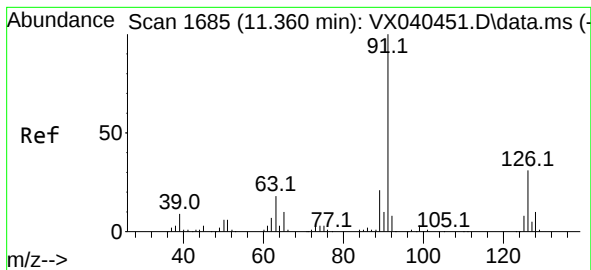
Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Tgt Ion:	91	Resp:	268836
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4





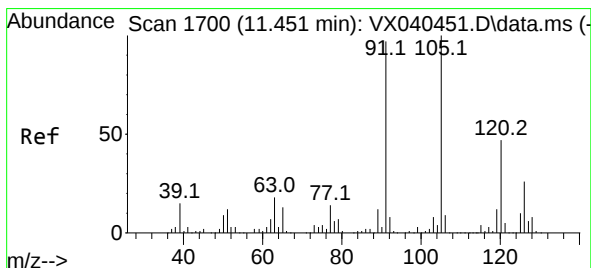
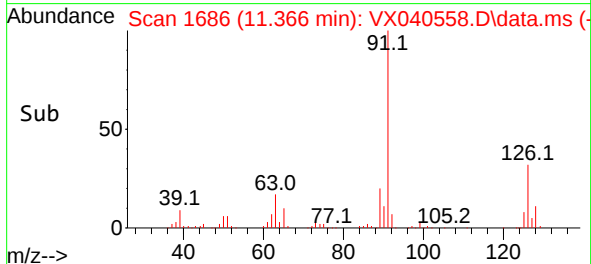
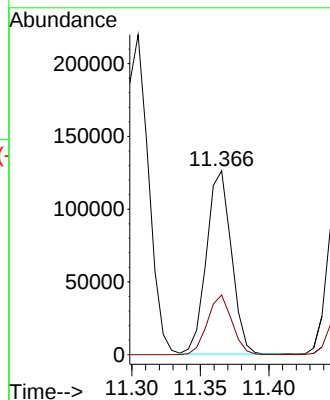
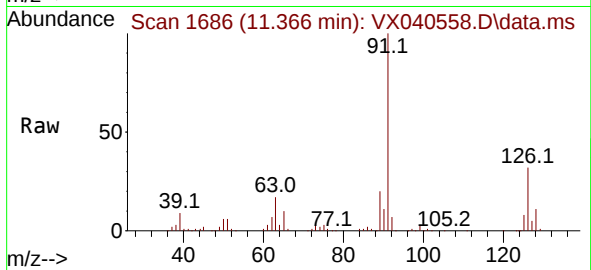
#79
2-Chlorotoluene
Concen: 49.636 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 159372
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

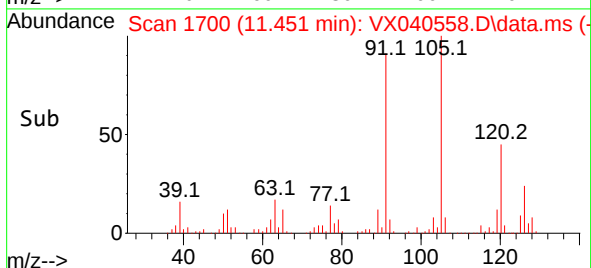
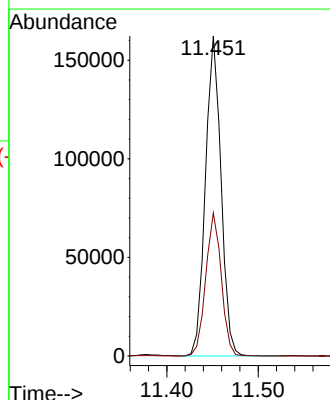
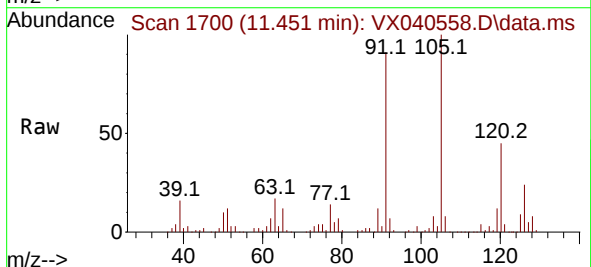
Manual Integrations
APPROVED

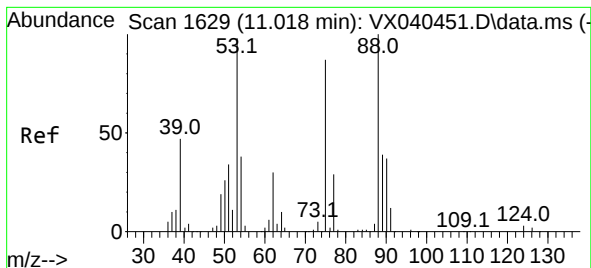
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.388 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion:105 Resp: 191583
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3





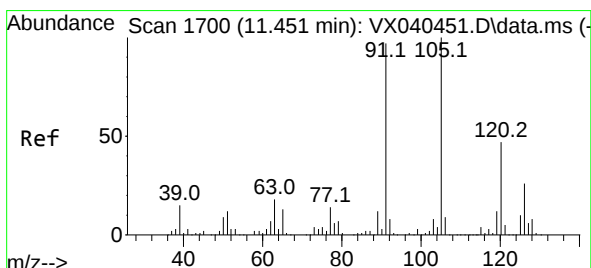
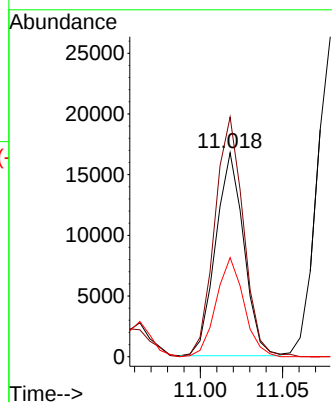
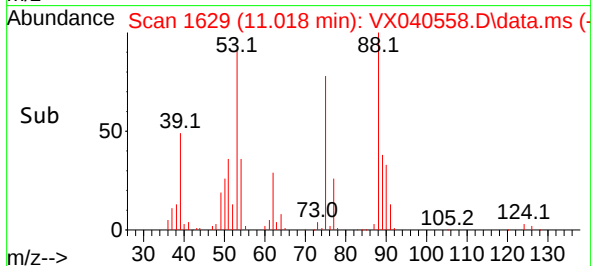
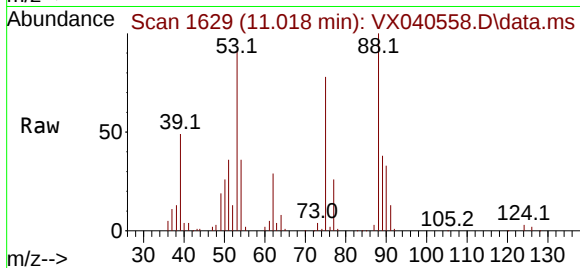
#81
trans-1,4-Dichloro-2-butene
Concen: 47.119 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 19960
Ion Ratio Lower Upper
75 100
53 120.4 90.5 135.7
89 48.1 36.9 55.3

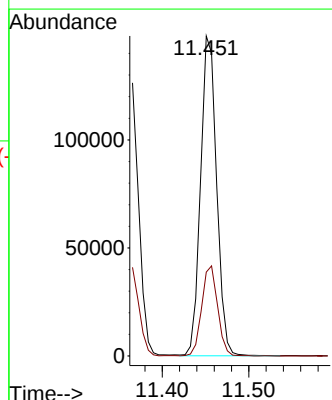
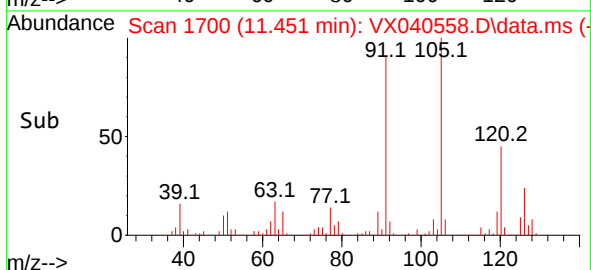
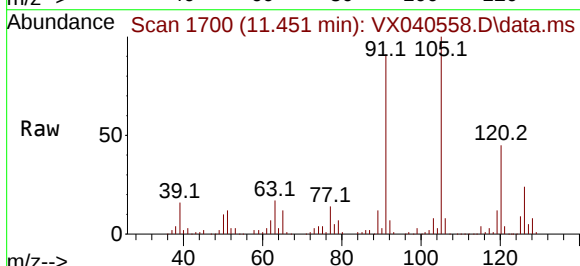
Manual Integrations
APPROVED

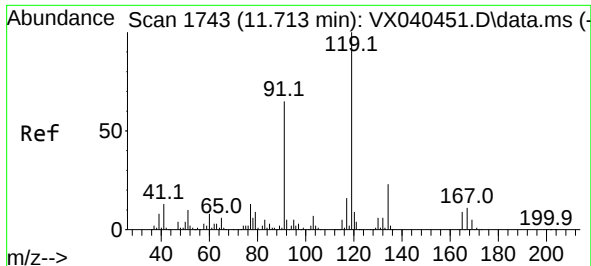
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#82
4-Chlorotoluene
Concen: 51.280 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

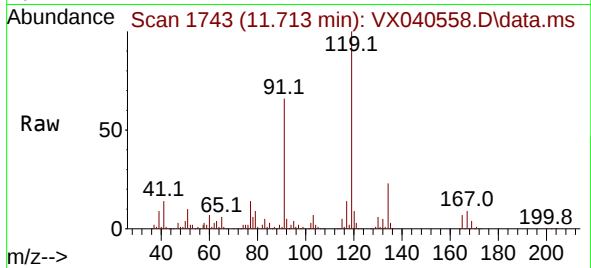
Tgt Ion: 91 Resp: 190401
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.191 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

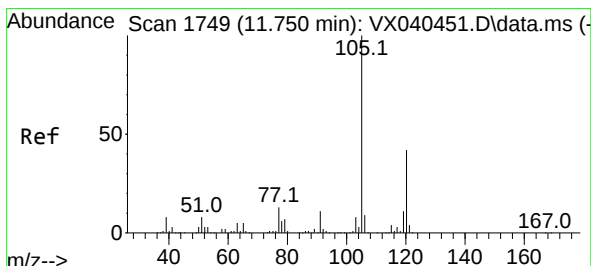
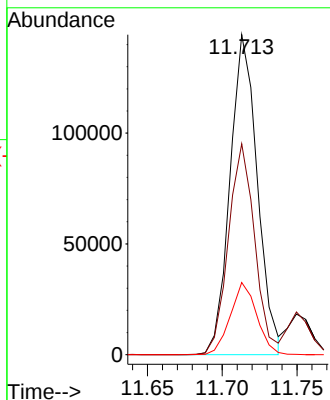
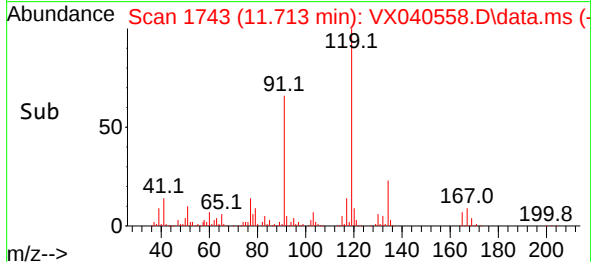
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 183388
Ion Ratio Lower Upper
119 100
91 63.7 31.2 93.6
134 21.9 11.7 35.0

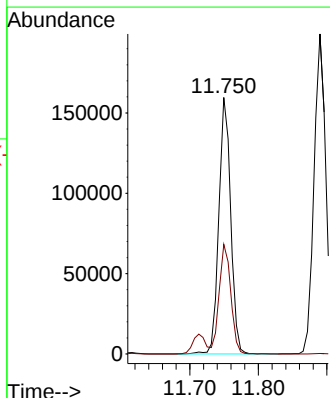
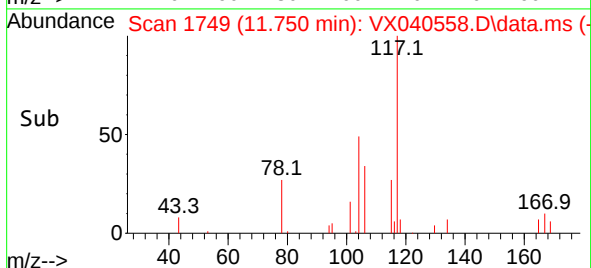
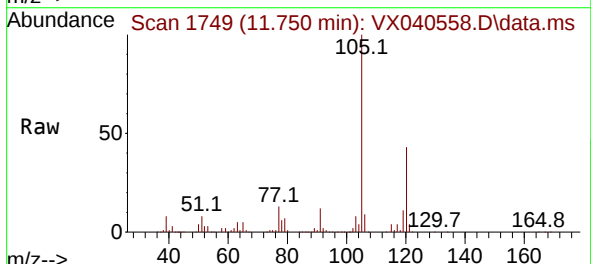
Manual Integrations
APPROVED

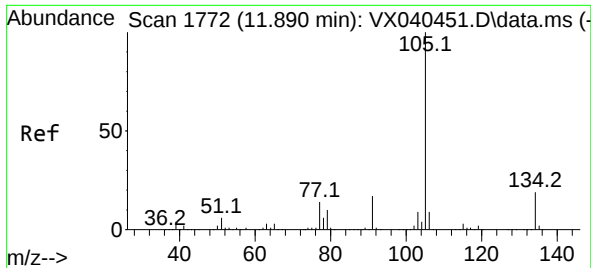
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.472 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

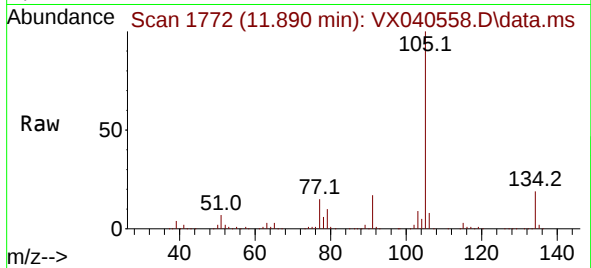
Tgt Ion:105 Resp: 190388
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.848 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25

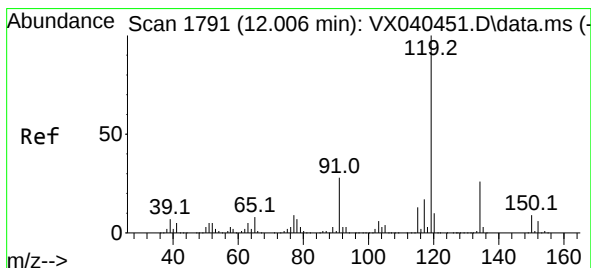
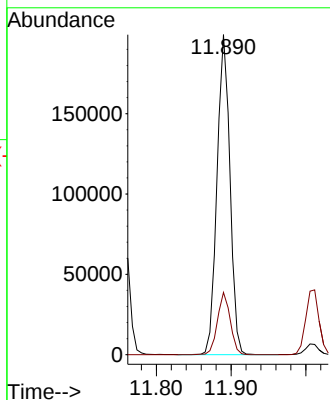
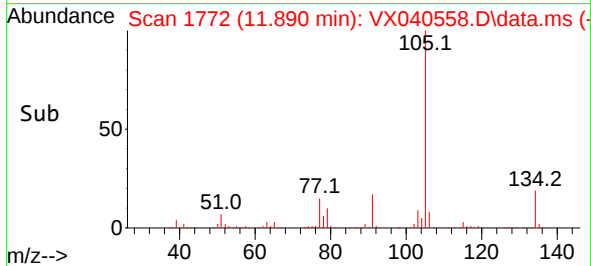
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



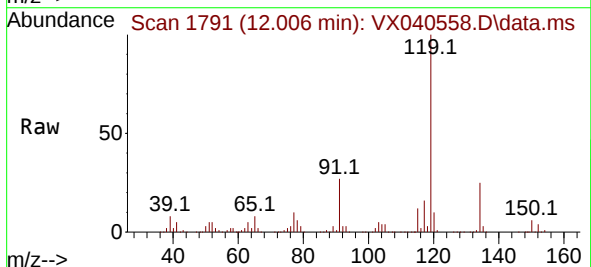
Tgt Ion:105 Resp: 239368
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

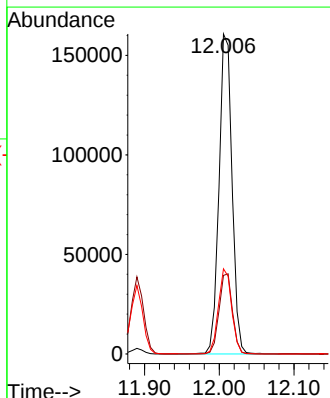
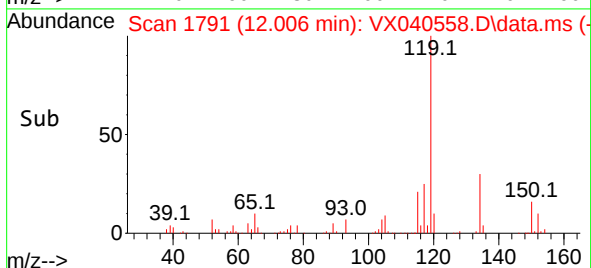
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

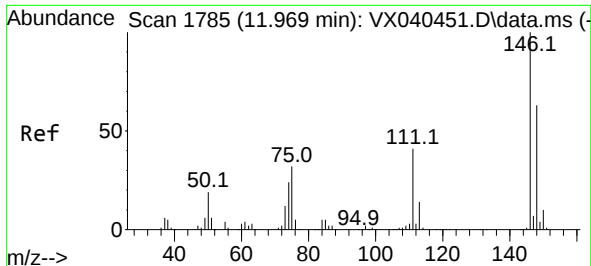


#86
 p-Isopropyltoluene
 Concen: 52.285 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040558.D
 Acq: 01 Mar 2024 19:25



Tgt Ion:119 Resp: 195203
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.246 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 101832

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

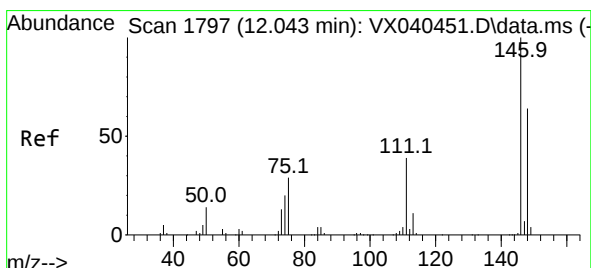
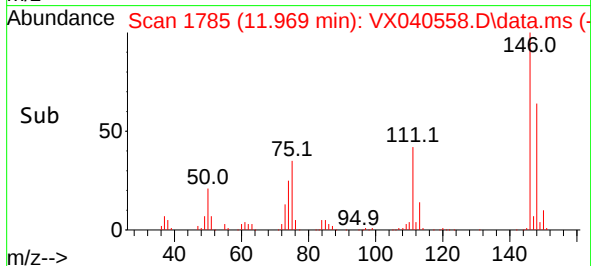
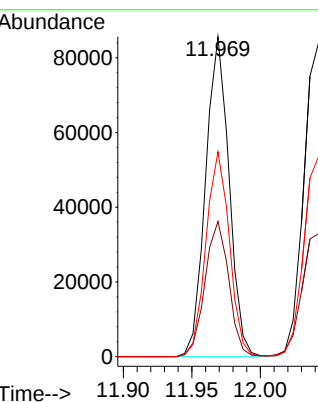
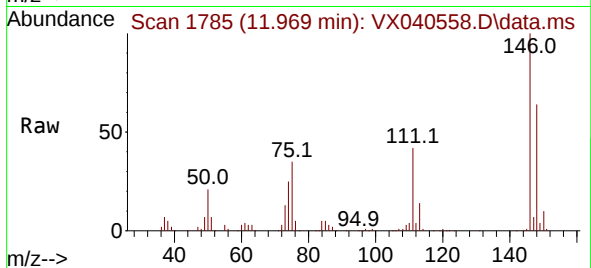
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#88

1,4-Dichlorobenzene

Concen: 50.321 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

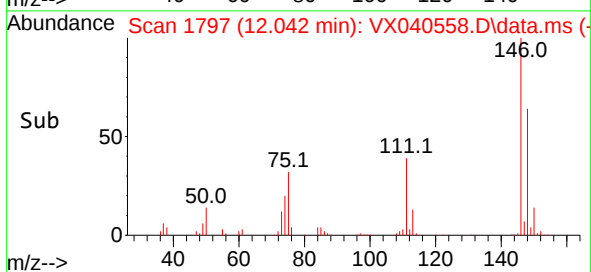
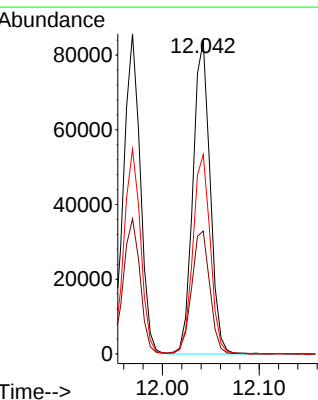
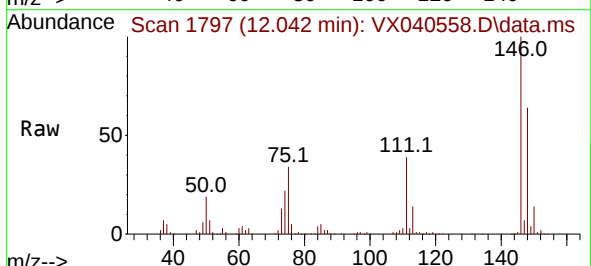
Tgt Ion:146 Resp: 103817

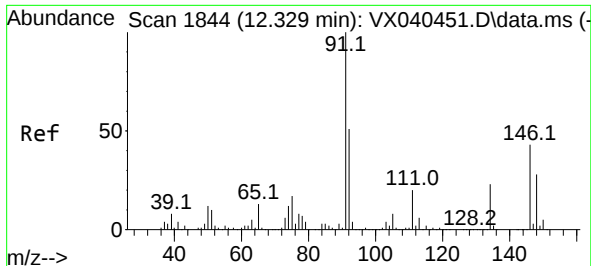
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 50.503 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

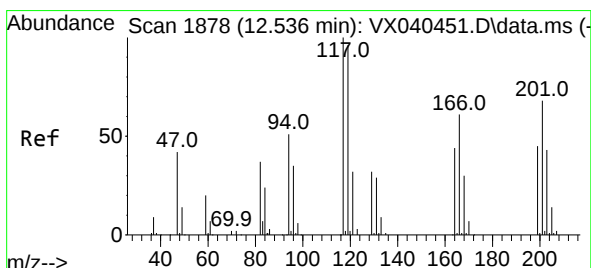
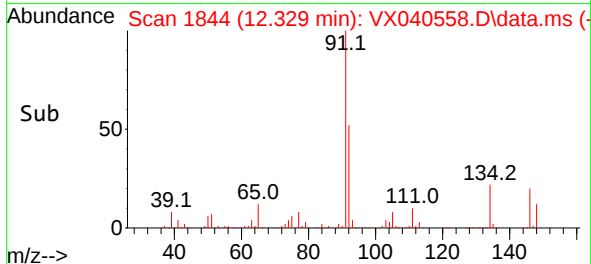
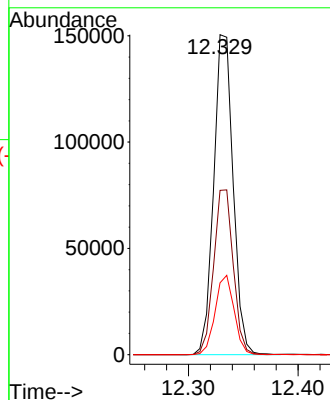
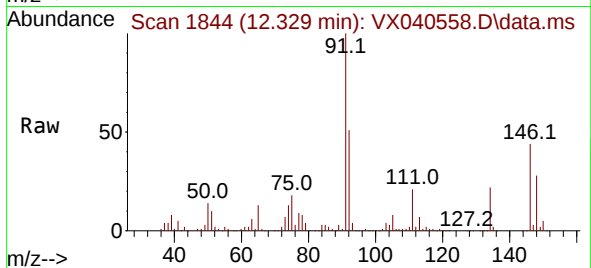
Tgt Ion: 91 Resp: 18550
 Ion Ratio Lower Upper
 91 100
 92 52.0 27.4 82.0
 134 24.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#90

Hexachloroethane

Concen: 54.072 ug/l

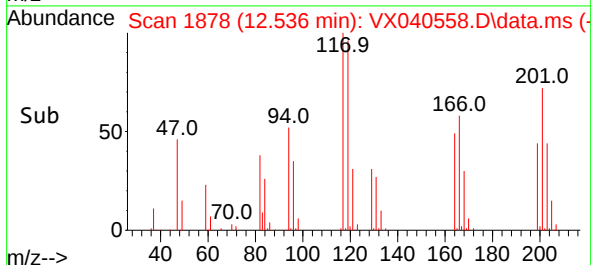
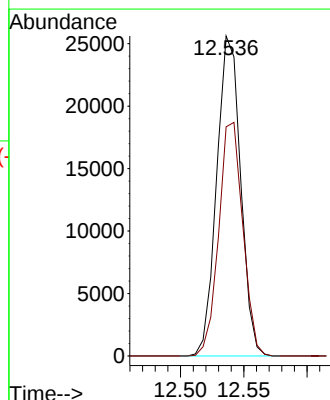
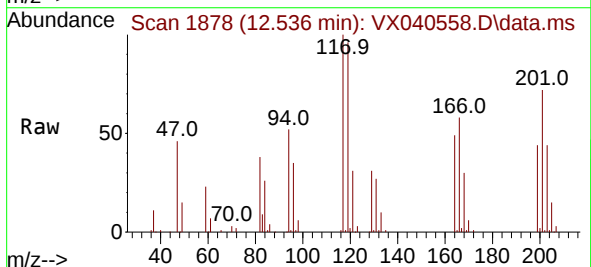
RT: 12.536 min Scan# 1878

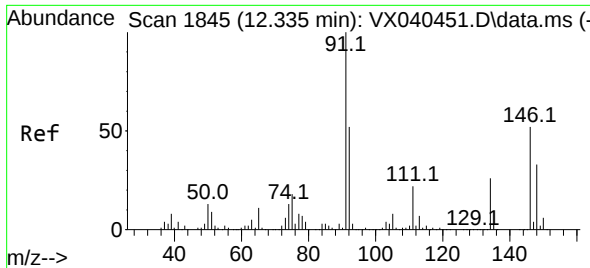
Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

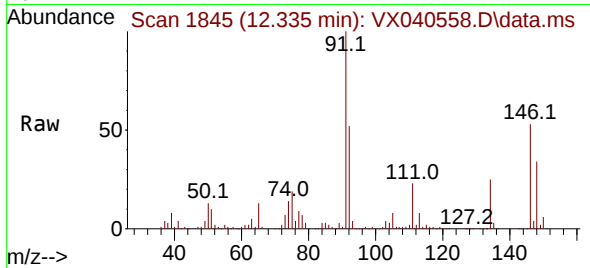
Tgt Ion:117 Resp: 33599
 Ion Ratio Lower Upper
 117 100
 201 73.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.710 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

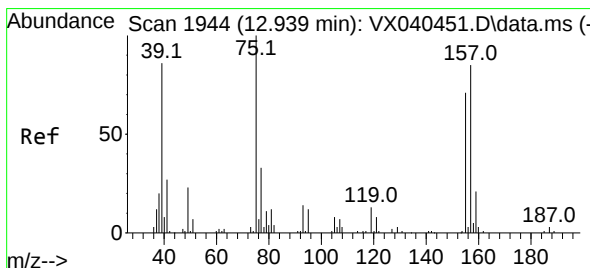
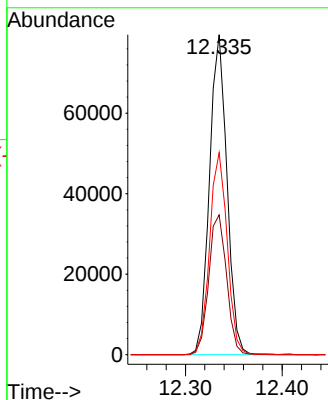
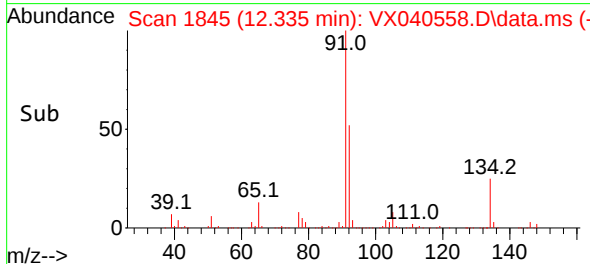
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 99868
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 63.5 31.6 95.0

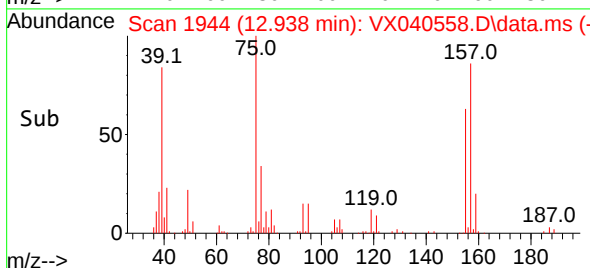
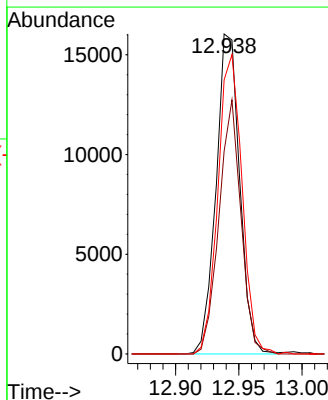
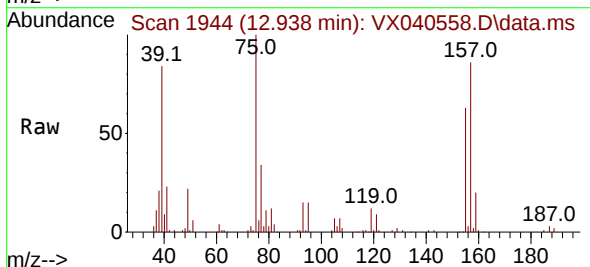
Manual Integrations
APPROVED

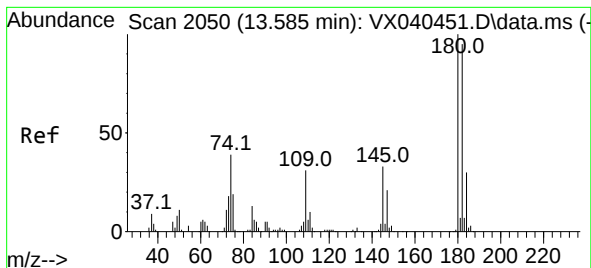
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.453 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

Tgt Ion: 75 Resp: 20829
Ion Ratio Lower Upper
75 100
155 73.7 36.1 108.5
157 95.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.687 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

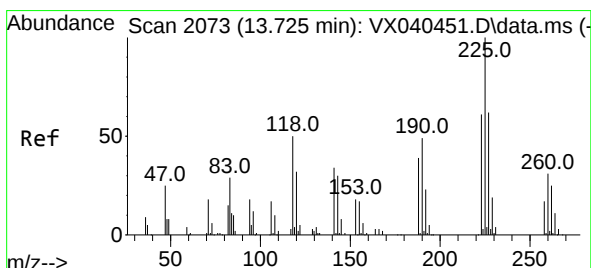
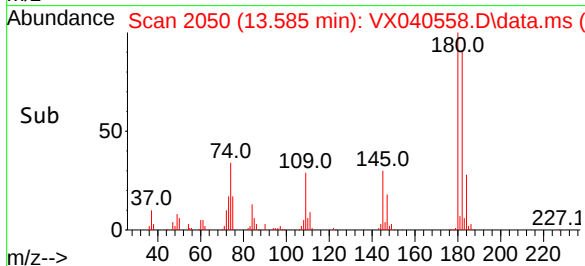
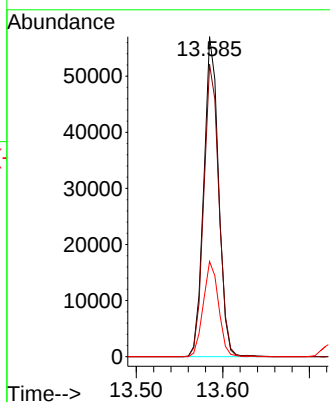
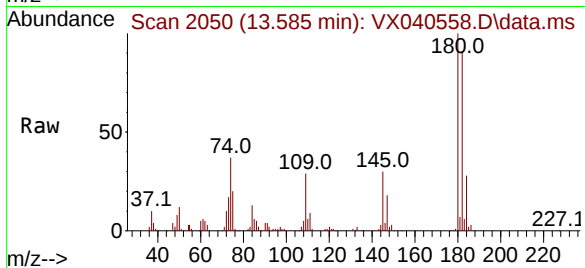
Tgt Ion:180	Resp:	6766
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.3 144.8
145	30.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#94

Hexachlorobutadiene

Concen: 50.815 ug/l

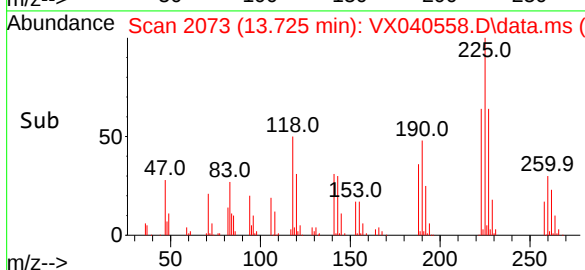
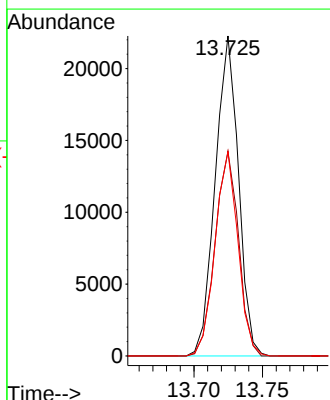
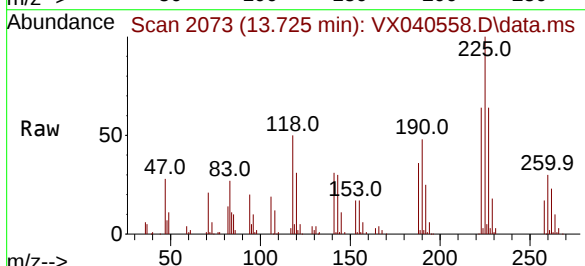
RT: 13.725 min Scan# 2073

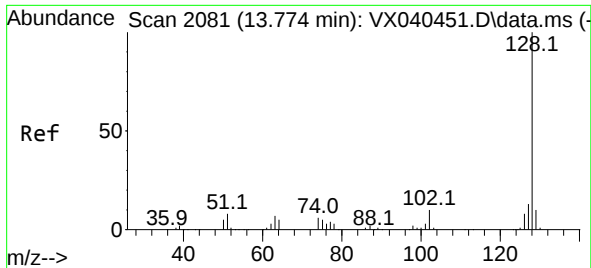
Delta R.T. -0.000 min

Lab File: VX040558.D

Acq: 01 Mar 2024 19:25

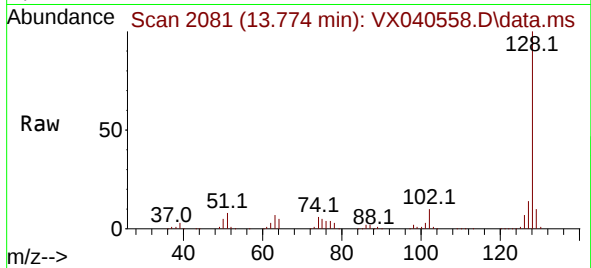
Tgt Ion:225	Resp:	26176
Ion Ratio	Lower	Upper
225	100	
223	64.7	31.1 93.2
227	63.1	32.5 97.5





#95
Naphthalene
Concen: 54.937 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25

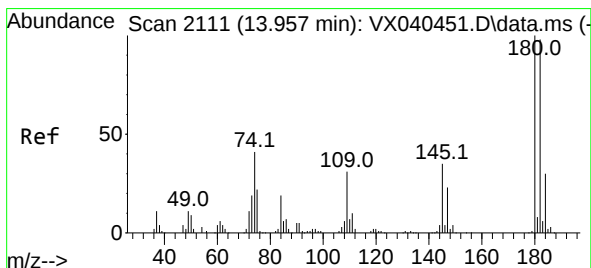
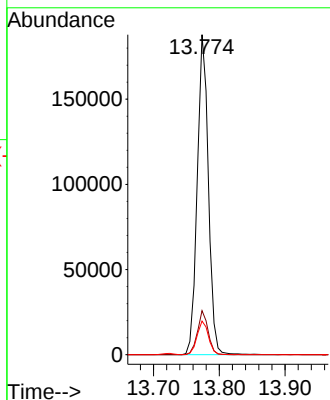
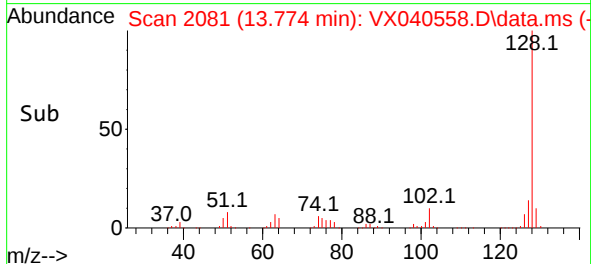
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



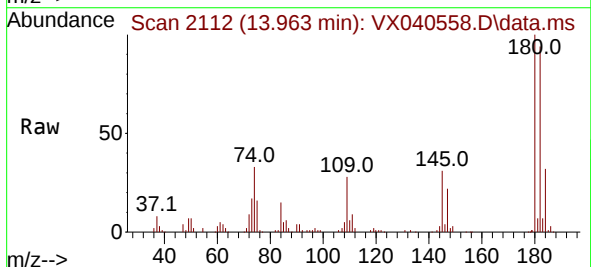
Tgt Ion:128 Resp: 221270
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.952 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040558.D
Acq: 01 Mar 2024 19:25



Tgt Ion:180 Resp: 65839
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 33.3 17.8 53.5

