

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045712.D
 Acq On : 11 Apr 2025 02:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 06:04:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	83221	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	146715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82622	54.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.580%			
35) Dibromofluoromethane	5.379	113	57323	55.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.140%			
50) Toluene-d8	8.641	98	193585	53.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.560%			
62) 4-Bromofluorobenzene	11.079	95	75944	57.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68558	55.086	ug/l	98
3) Chloromethane	1.300	50	66069	51.673	ug/l	100
4) Vinyl Chloride	1.374	62	60055	51.324	ug/l	98
5) Bromomethane	1.593	94	26246	47.306	ug/l	100
6) Chloroethane	1.660	64	31530	50.789	ug/l	98
7) Trichlorofluoromethane	1.867	101	92159	52.817	ug/l	98
8) Diethyl Ether	2.130	74	30594	52.225	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	54761	53.559	ug/l	98
10) Methyl Iodide	2.440	142	65645	51.473	ug/l	98
11) Tert butyl alcohol	2.983	59	60976	298.127	ug/l	98
12) 1,1-Dichloroethene	2.306	96	51752	51.800	ug/l	99
13) Acrolein	2.233	56	68928	244.726	ug/l	99
14) Allyl chloride	2.654	41	97499	51.434	ug/l	99
15) Acrylonitrile	3.062	53	172090	266.546	ug/l	99
16) Acetone	2.386	43	174181	278.719	ug/l	99
17) Carbon Disulfide	2.501	76	107894	43.725	ug/l	100
18) Methyl Acetate	2.703	43	86647	60.221	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	190004	54.366	ug/l	98
20) Methylene Chloride	2.782	84	59935	51.229	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	51246	50.208	ug/l	95
22) Diisopropyl ether	3.757	45	201287	53.905	ug/l	97
23) Vinyl Acetate	3.715	43	868514	269.205	ug/l	99
24) 1,1-Dichloroethane	3.599	63	109738	51.965	ug/l	99
25) 2-Butanone	4.556	43	254457	278.164	ug/l	99
26) 2,2-Dichloropropane	4.464	77	54067	39.627	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	63579	51.128	ug/l	98
28) Bromochloromethane	4.885	49	52573	51.517	ug/l	100
29) Tetrahydrofuran	5.001	42	159320	268.632	ug/l	100
30) Chloroform	5.080	83	115301	53.062	ug/l	96
31) Cyclohexane	5.458	56	94892	50.829	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	97204	52.867	ug/l	100
36) 1,1-Dichloropropene	5.678	75	73900	52.580	ug/l	98
37) Ethyl Acetate	4.708	43	92211	52.061	ug/l	99
38) Carbon Tetrachloride	5.665	117	82170	54.095	ug/l	99
39) Methylcyclohexane	7.372	83	90513	52.537	ug/l	95
40) Benzene	6.025	78	219989	51.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54799	58.638	ug/l	98
42) 1,2-Dichloroethane	6.074	62	96670	54.526	ug/l	99
43) Isopropyl Acetate	6.336	43	147709	55.023	ug/l	100
44) Trichloroethene	7.116	130	52469	51.427	ug/l	96
45) 1,2-Dichloropropane	7.421	63	56834	53.066	ug/l	99
46) Dibromomethane	7.574	93	43600	53.031	ug/l	98
47) Bromodichloromethane	7.818	83	88589	53.955	ug/l	99
48) Methyl methacrylate	7.690	41	77443	55.873	ug/l	100
49) 1,4-Dioxane	7.659	88	29750	1186.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	504992	283.768	ug/l	100
52) Toluene	8.714	92	136538	52.567	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	72946	46.374	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	81350	52.724	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54881	53.024	ug/l	98
56) Ethyl methacrylate	9.116	69	92401	57.685	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95406	52.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	230000	283.840	ug/l	100
59) 2-Hexanone	9.427	43	379769	288.176	ug/l	100
60) Dibromochloromethane	9.518	129	62099	55.034	ug/l	98
61) 1,2-Dibromoethane	9.604	107	56904	54.310	ug/l	99
64) Tetrachloroethene	9.268	164	47631	52.027	ug/l	99
65) Chlorobenzene	10.073	112	148500	53.594	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	51627	53.667	ug/l	99
67) Ethyl Benzene	10.189	91	267022	53.807	ug/l	99
68) m/p-Xylenes	10.299	106	195774	108.466	ug/l	98
69) o-Xylene	10.640	106	96163	54.084	ug/l	98
70) Styrene	10.652	104	163333	55.657	ug/l	99
71) Bromoform	10.799	173	39295	54.707	ug/l #	97
73) Isopropylbenzene	10.957	105	259289	51.190	ug/l	100
74) N-amyl acetate	10.841	43	131860	54.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89614	50.364	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	75987m	49.264	ug/l	
77) Bromobenzene	11.195	156	59230	50.610	ug/l	99
78) n-propylbenzene	11.299	91	307517	52.709	ug/l	100
79) 2-Chlorotoluene	11.360	91	190047	50.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	220356	52.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20473	45.047	ug/l	99
82) 4-Chlorotoluene	11.451	91	219024	52.668	ug/l	100
83) tert-Butylbenzene	11.713	119	216066	52.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224105	53.309	ug/l	100
85) sec-Butylbenzene	11.890	105	272832	53.568	ug/l	100
86) p-Isopropyltoluene	12.006	119	226756	54.003	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109044	51.186	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	110601	51.210	ug/l	99
89) n-Butylbenzene	12.329	91	199544	54.802	ug/l	99
90) Hexachloroethane	12.536	117	38390	53.199	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111833	52.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	55.681	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64358	54.589	ug/l	97
94) Hexachlorobutadiene	13.725	225	27010	53.166	ug/l	100
95) Naphthalene	13.774	128	236741	53.960	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67267	54.488	ug/l	99

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

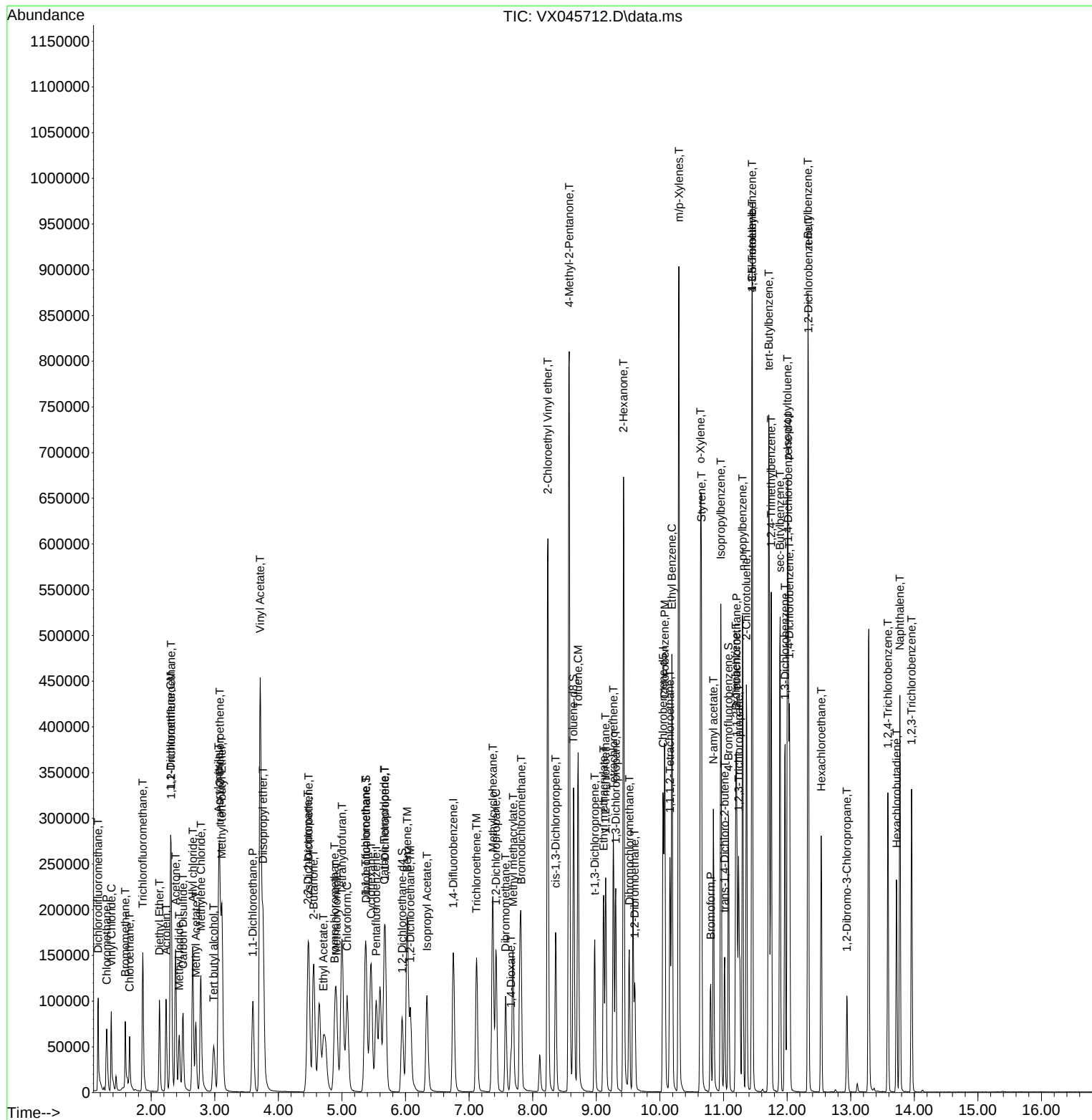
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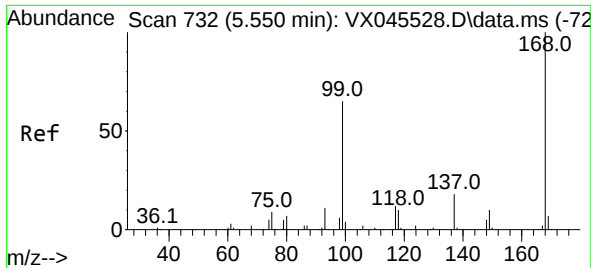
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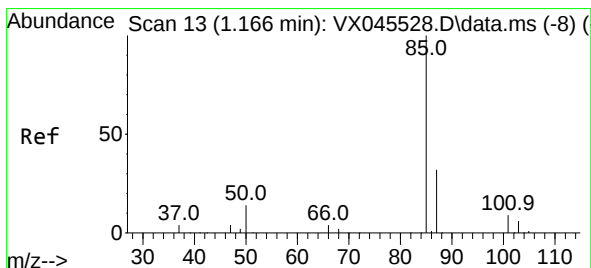
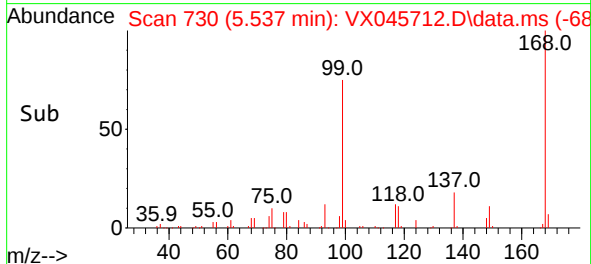
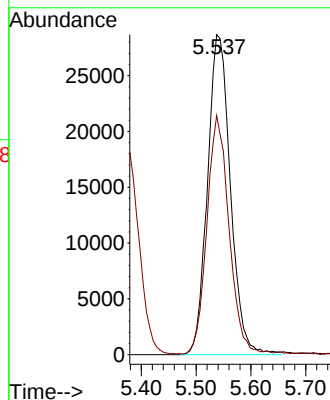
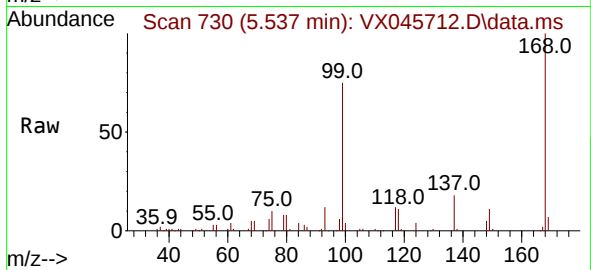
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX045712.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 8322
Ion Ratio Lower Upper
168 100
99 74.4 52.3 78.5

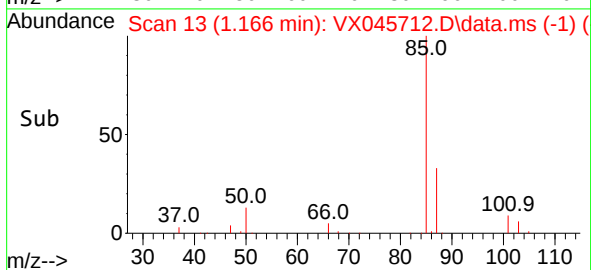
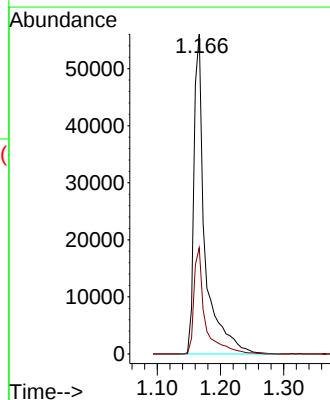
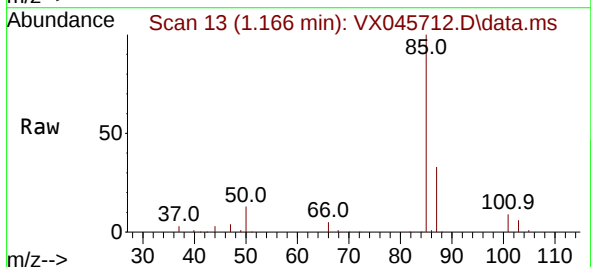
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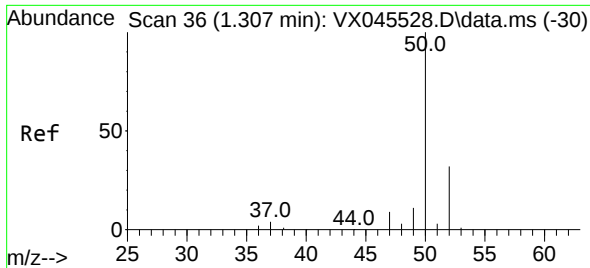
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#2
Dichlorodifluoromethane
Concen: 55.086 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 85 Resp: 68558
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





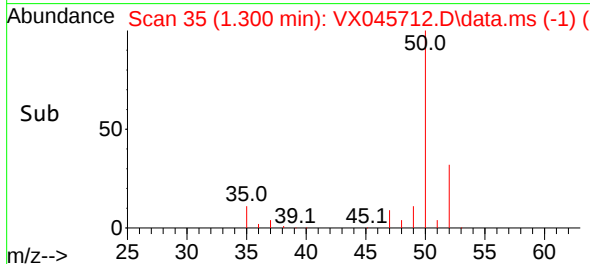
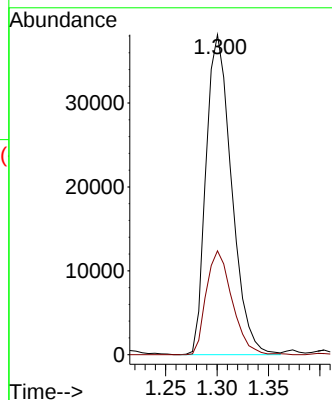
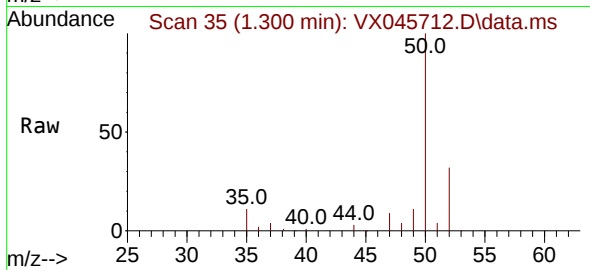
#3
Chloromethane
Concen: 51.673 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 66069
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

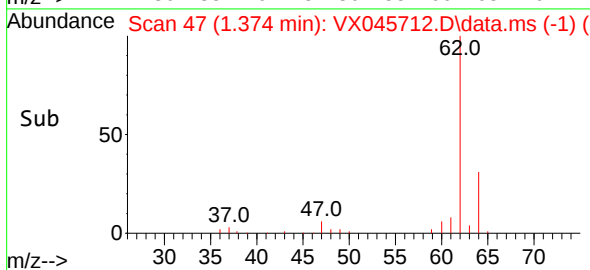
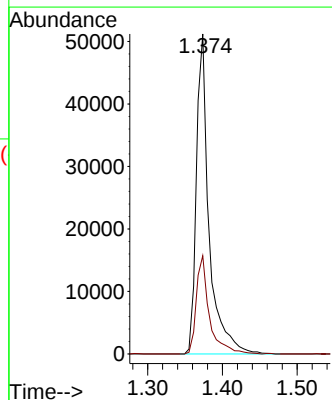
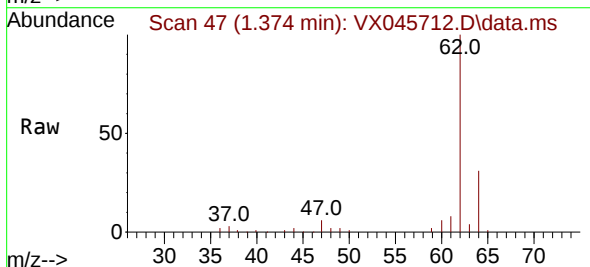
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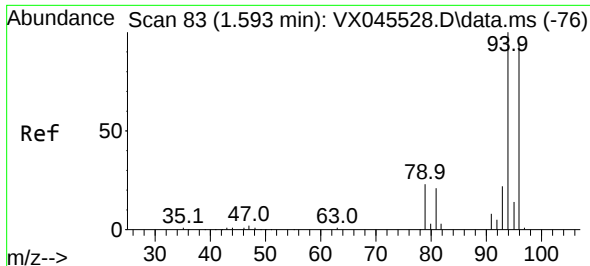
Reviewed By :John Carlone 04/11/2025
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#4
Vinyl Chloride
Concen: 51.324 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045712.D
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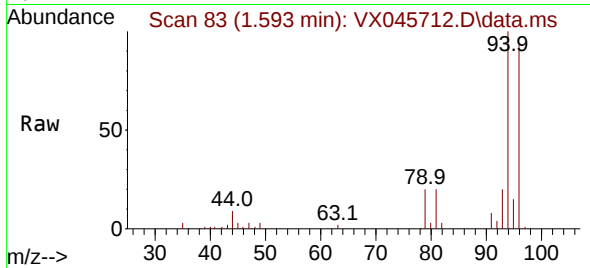
Tgt Ion: 62 Resp: 60055
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5
Bromomethane
Concen: 47.306 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

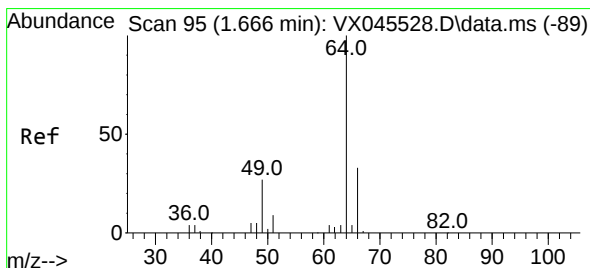
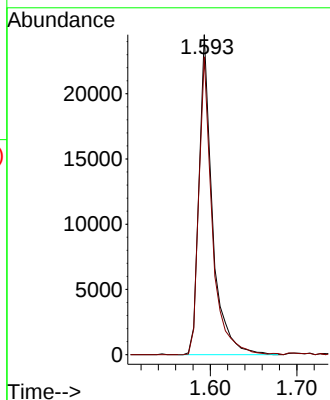
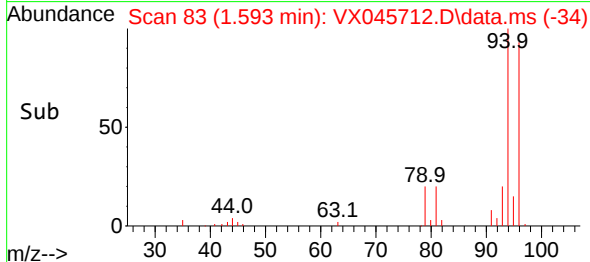
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Tgt Ion: 94 Resp: 26240
Ion Ratio Lower Upper
94 100
96 93.1 74.8 112.2

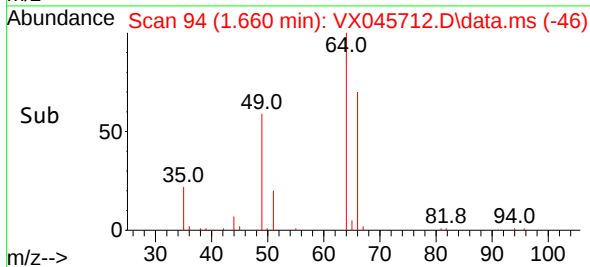
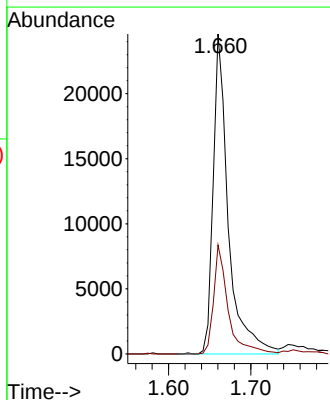
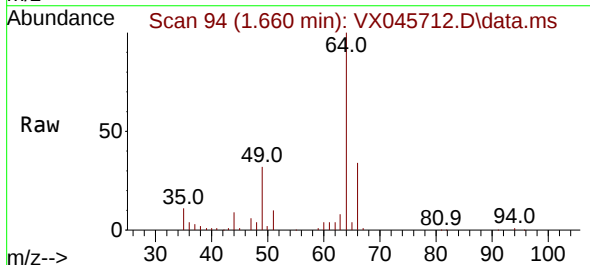
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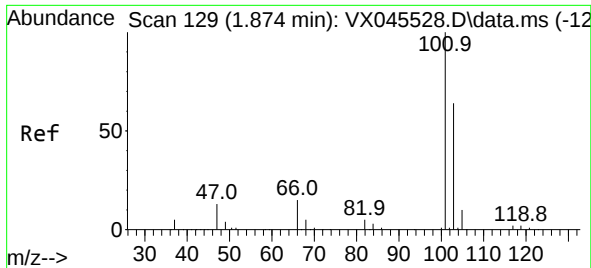
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#6
Chloroethane
Concen: 50.789 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045712.D
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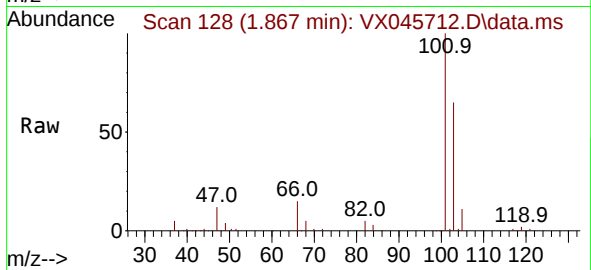
Tgt Ion: 64 Resp: 31530
Ion Ratio Lower Upper
64 100
66 34.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 52.817 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045712.D
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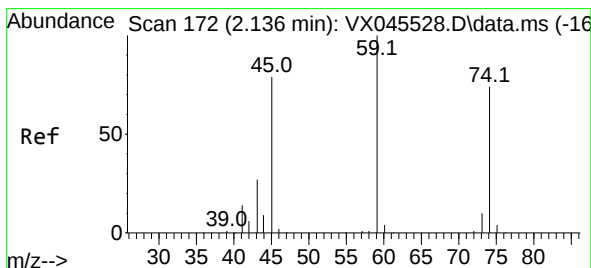
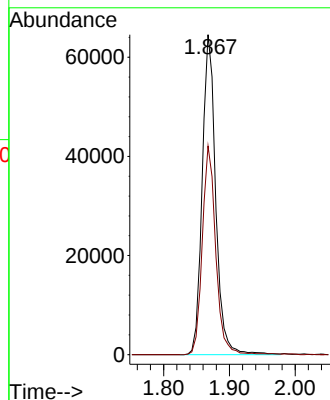
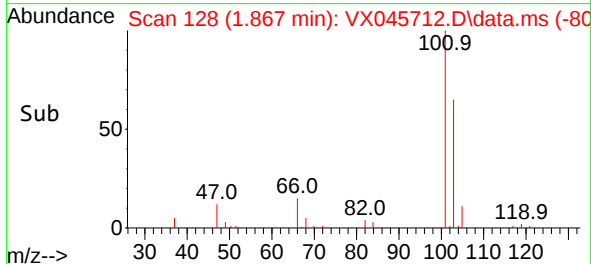
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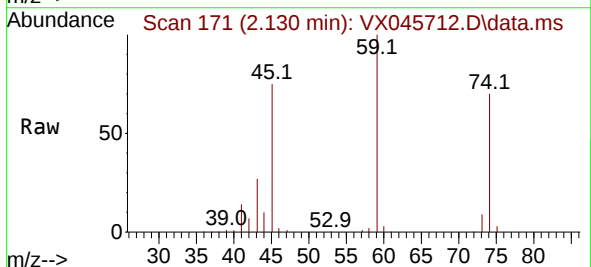
Tgt Ion:101 Resp: 92159
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7

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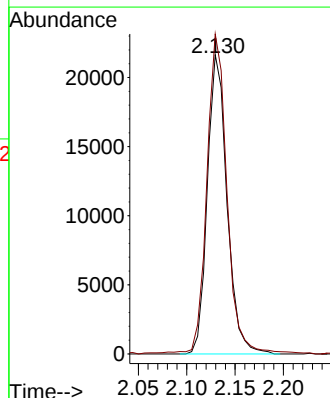
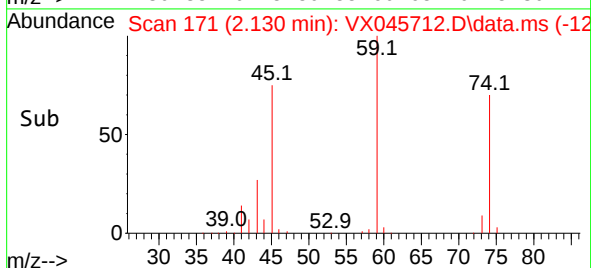
Reviewed By :John Carlone 04/11/2025
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#8
Diethyl Ether
Concen: 52.225 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



Tgt Ion: 74 Resp: 30594
Ion Ratio Lower Upper
74 100
45 110.2 53.0 159.1





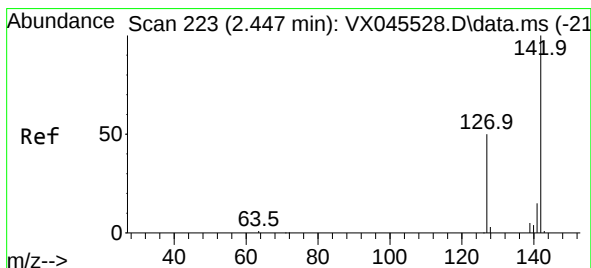
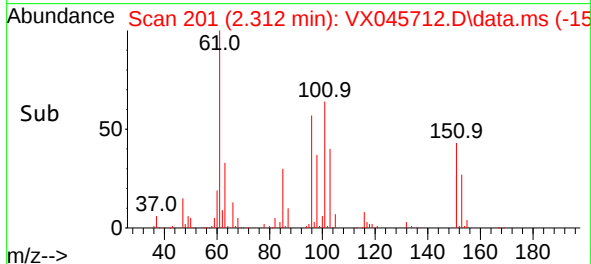
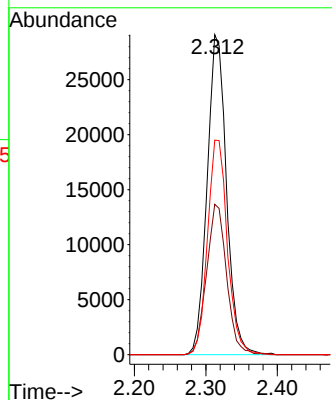
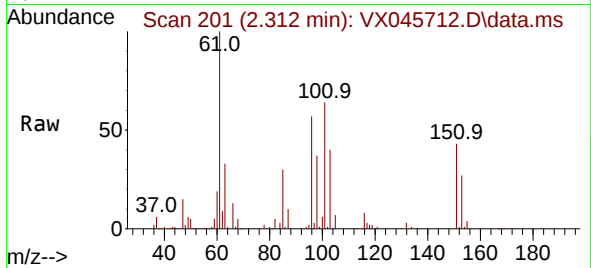
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.559 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5476
Ion Ratio Lower Upper
101 100
85 48.7 38.9 58.3
151 68.9 57.5 86.3

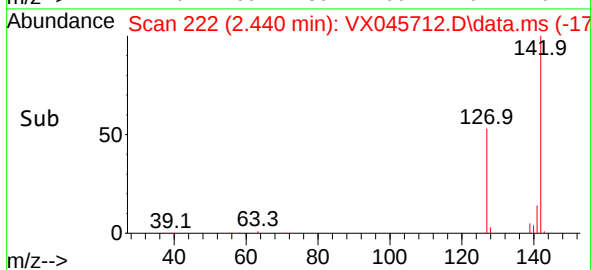
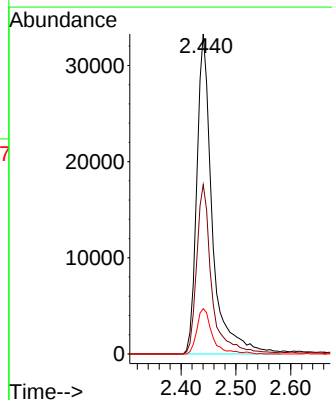
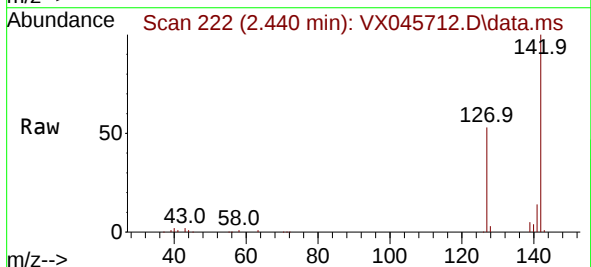
Manual Integrations
APPROVED

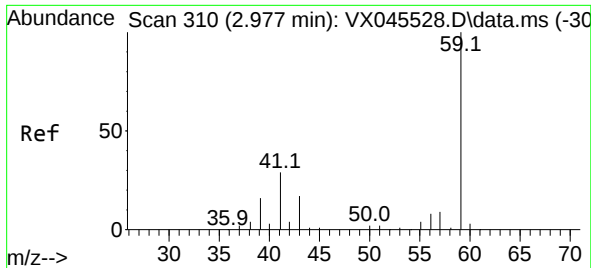
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#10
Methyl Iodide
Concen: 51.473 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

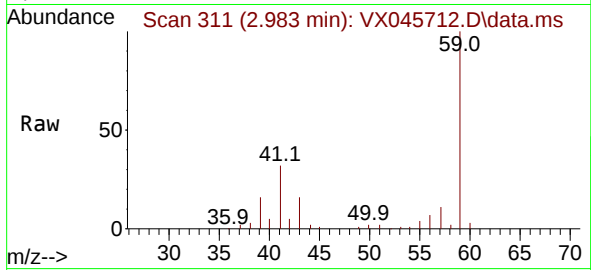
Tgt Ion:142 Resp: 65645
Ion Ratio Lower Upper
142 100
127 51.4 40.2 60.4
141 14.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 298.127 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

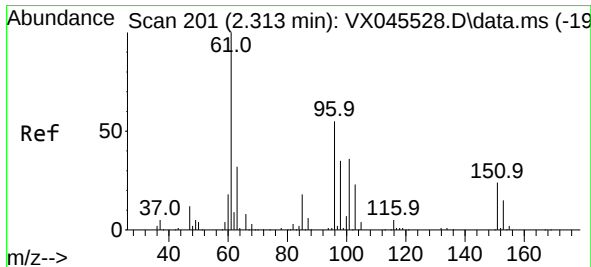
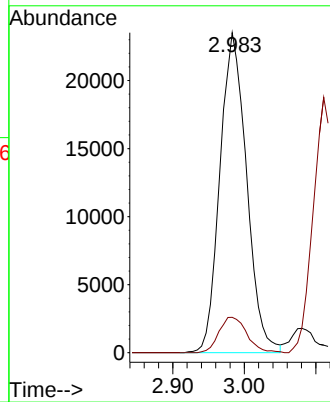
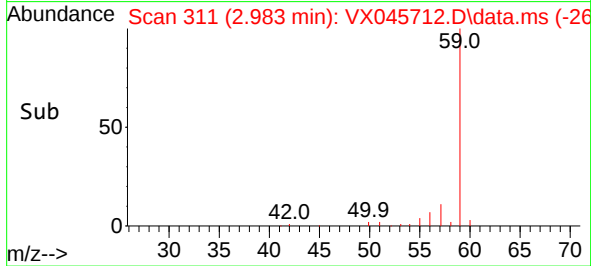
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



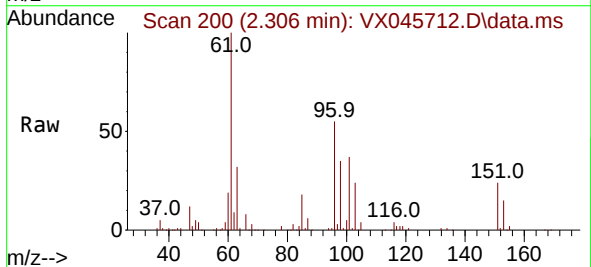
Tgt Ion: 59 Resp: 60970
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

Manual Integrations
APPROVED

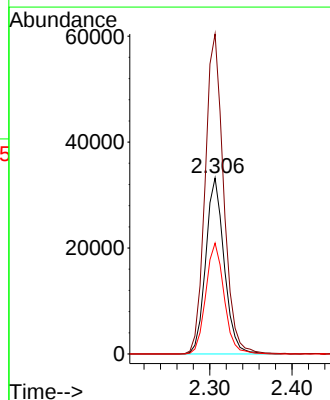
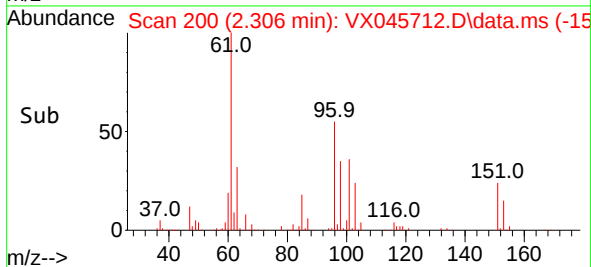
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

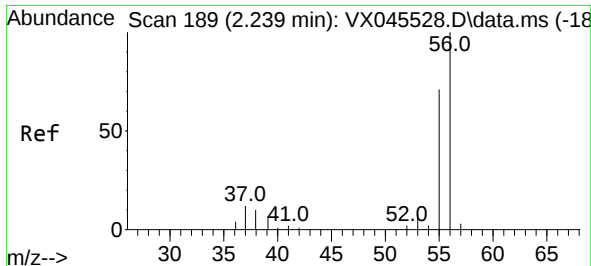


#12
1,1-Dichloroethene
Concen: 51.800 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



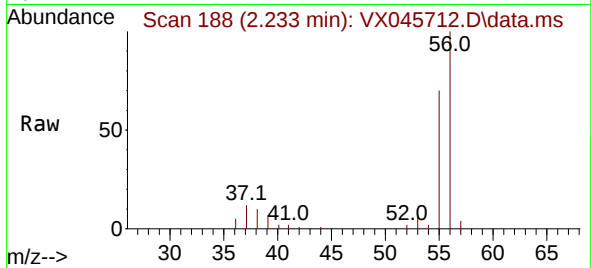
Tgt Ion: 96 Resp: 51752
Ion Ratio Lower Upper
96 100
61 181.7 145.7 218.5
98 62.9 51.6 77.4





#13
Acrolein
Concen: 244.726 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

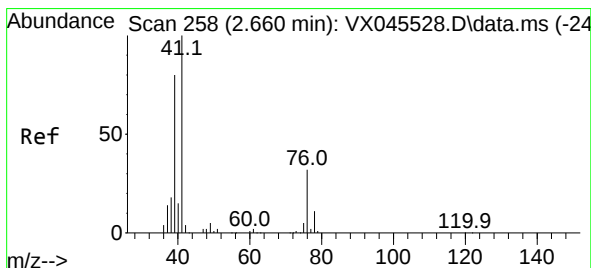
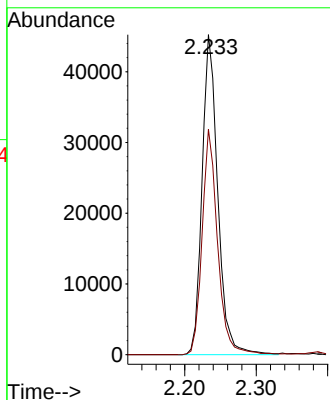
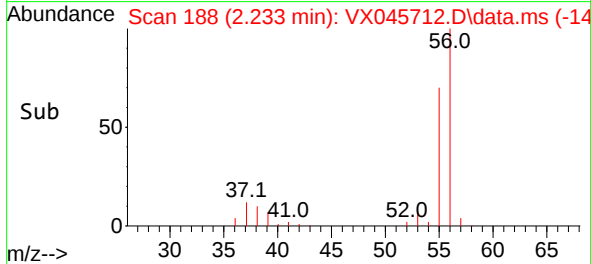
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68928
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.2

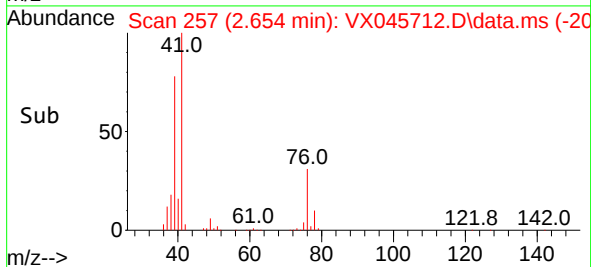
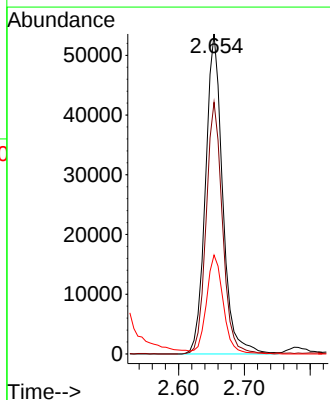
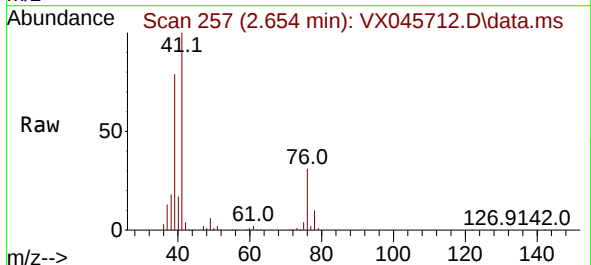
Manual Integrations
APPROVED

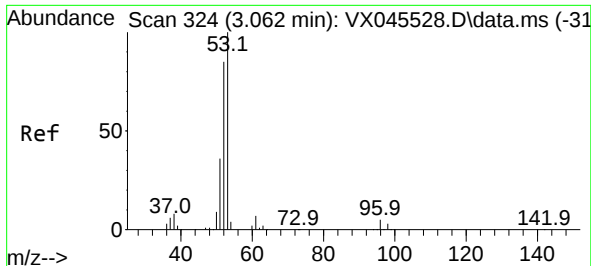
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#14
Allyl chloride
Concen: 51.434 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

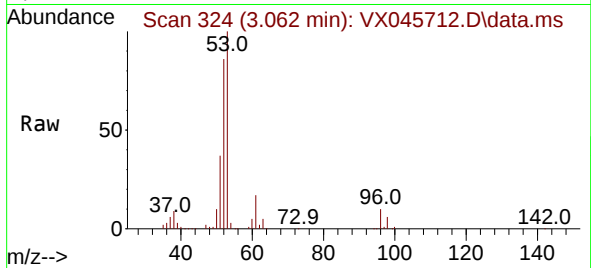
Tgt Ion: 41 Resp: 97499
Ion Ratio Lower Upper
41 100
39 74.7 60.2 90.2
76 30.2 24.6 36.8





#15
Acrylonitrile
Concen: 266.546 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

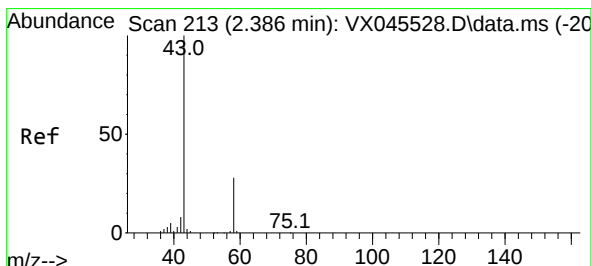
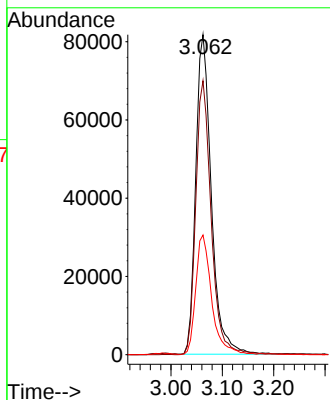
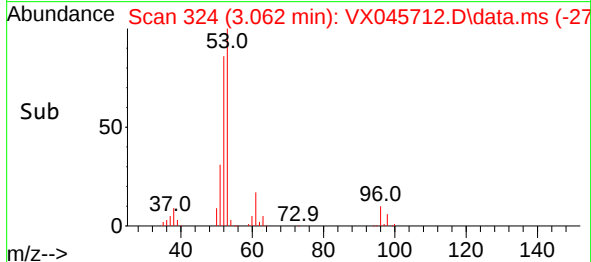
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 172090
Ion Ratio Lower Upper
53 100
52 84.9 67.4 101.2
51 38.0 29.9 44.9

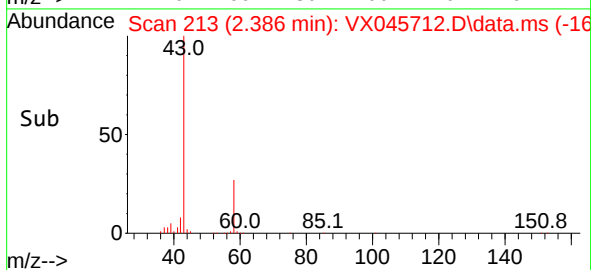
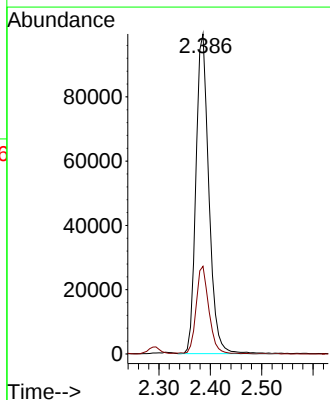
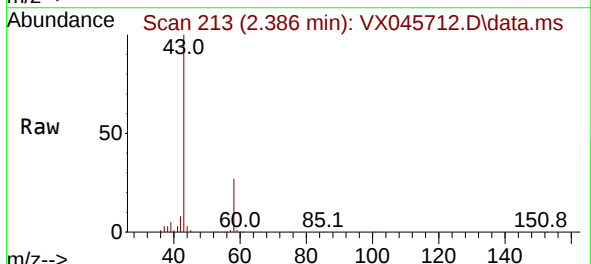
Manual Integrations
APPROVED

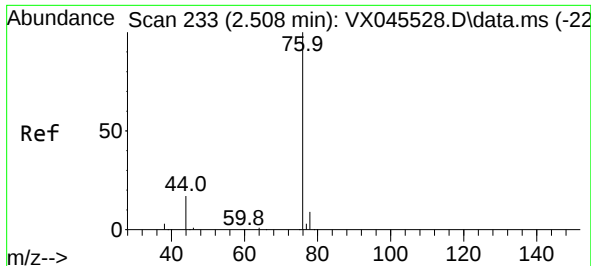
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#16
Acetone
Concen: 278.719 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 43 Resp: 174181
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5





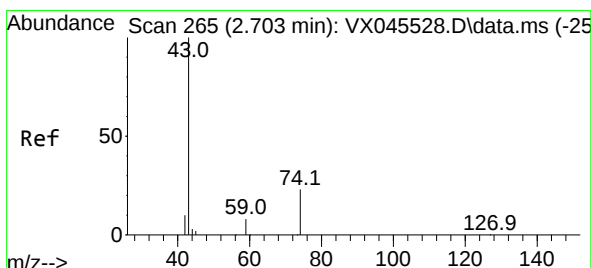
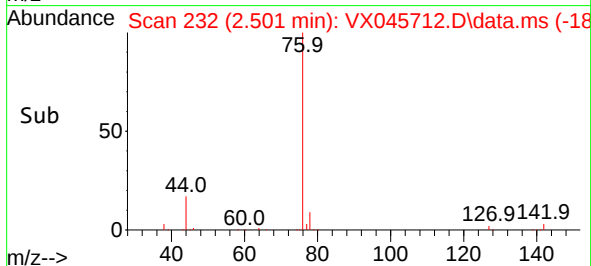
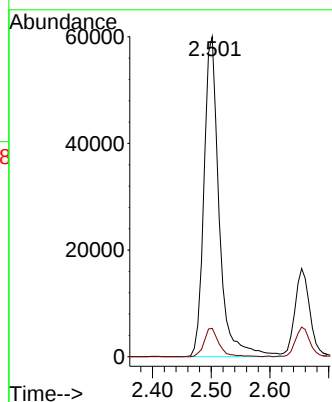
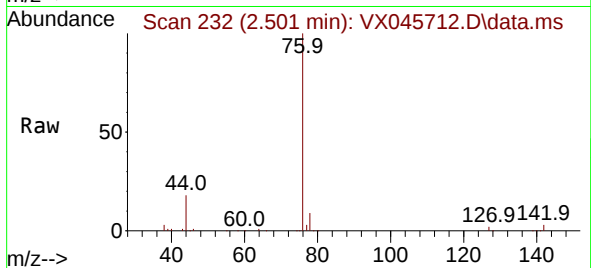
#17
Carbon Disulfide
Concen: 43.725 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 107894
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

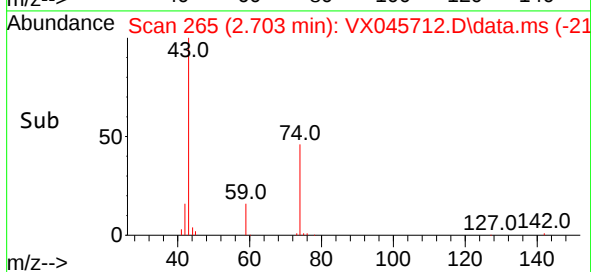
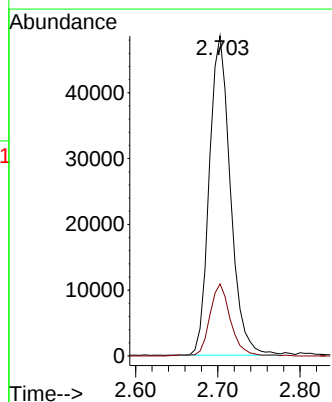
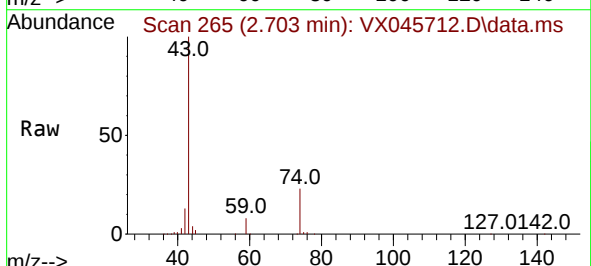
Manual Integrations
APPROVED

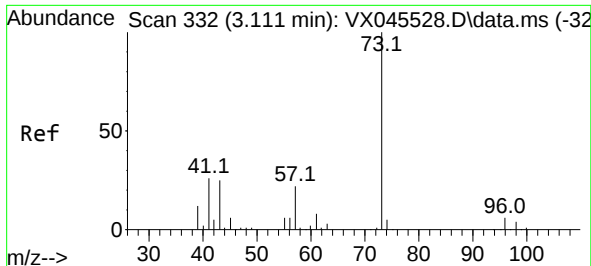
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#18
Methyl Acetate
Concen: 60.221 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 43 Resp: 86647
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3





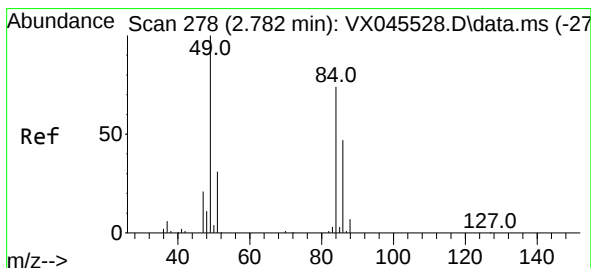
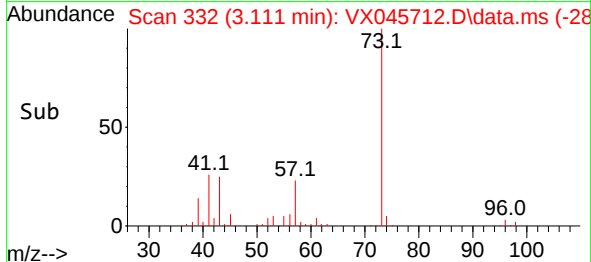
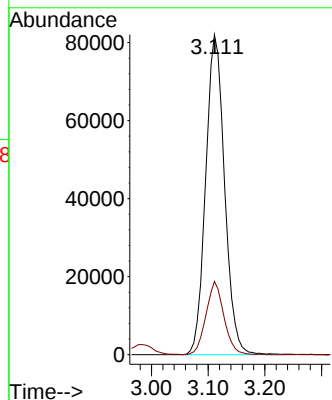
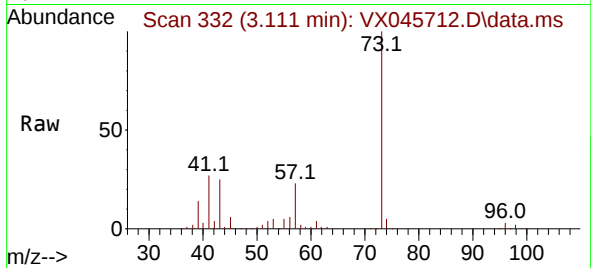
#19
Methyl tert-butyl Ether
Concen: 54.366 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 190004
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

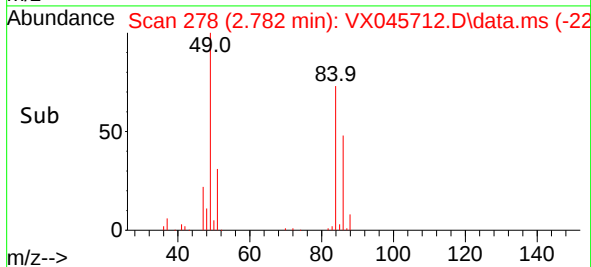
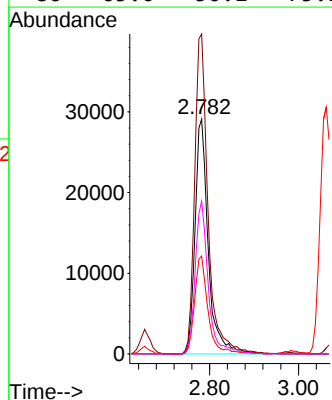
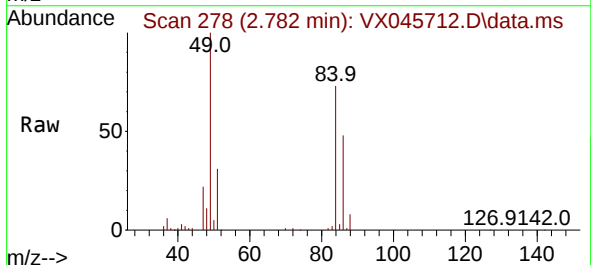
Manual Integrations
APPROVED

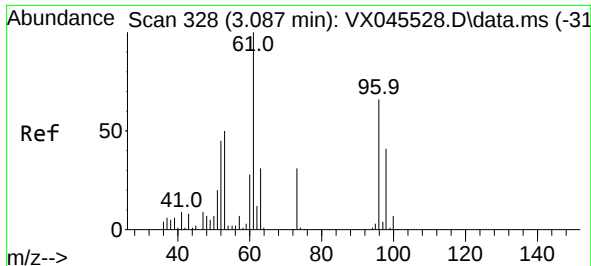
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#20
Methylene Chloride
Concen: 51.229 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

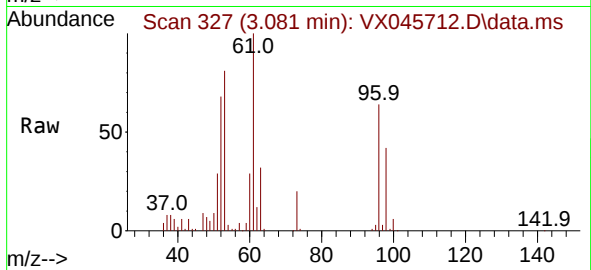
Tgt Ion: 84 Resp: 59935
Ion Ratio Lower Upper
84 100
49 136.3 107.5 161.3
51 41.7 33.0 49.6
86 65.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.208 ug/l
RT: 3.081 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

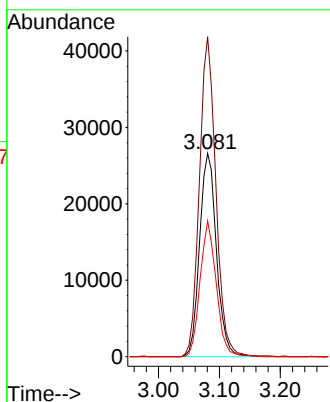
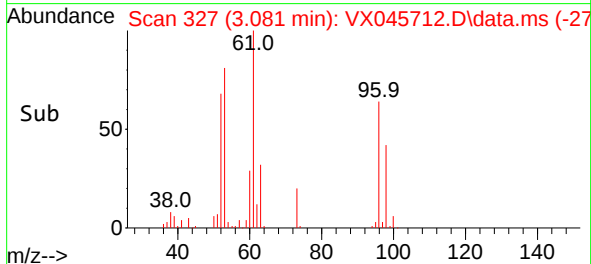
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 51240
Ion Ratio Lower Upper
96 100
61 157.4 121.0 181.6
98 66.8 49.7 74.5

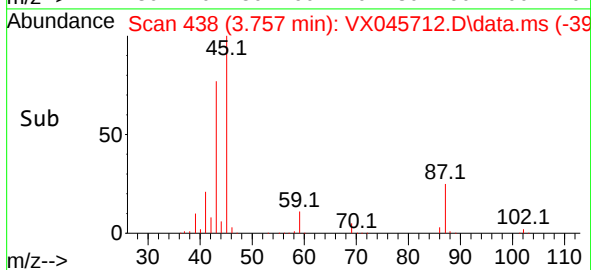
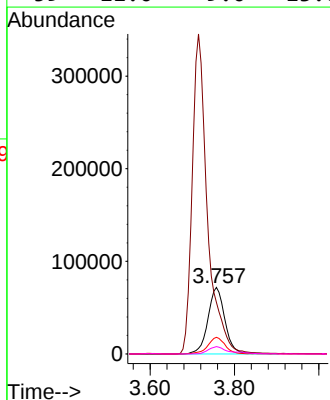
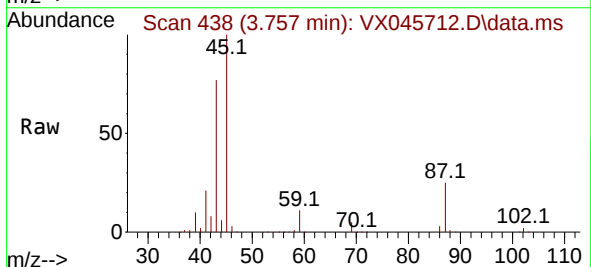
Manual Integrations
APPROVED

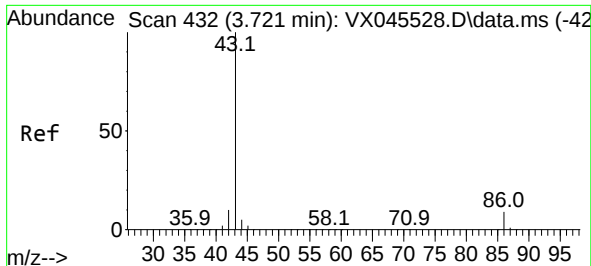
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#22
Diisopropyl ether
Concen: 53.905 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 45 Resp: 201287
Ion Ratio Lower Upper
45 100
43 77.3 59.3 88.9
87 25.1 20.4 30.6
59 11.0 9.0 13.6





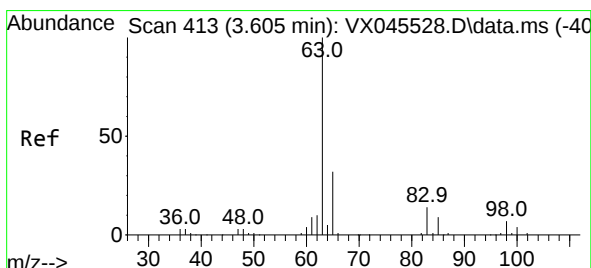
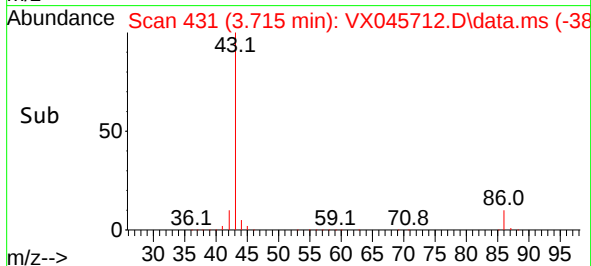
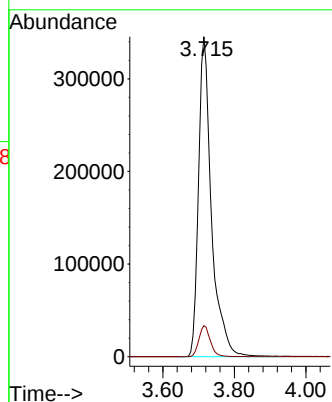
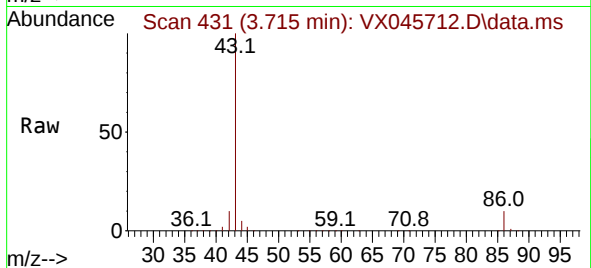
#23
 Vinyl Acetate
 Concen: 269.205 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 868514
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

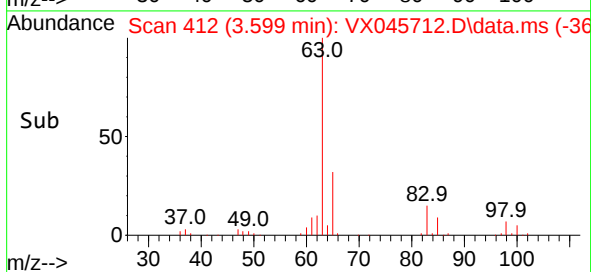
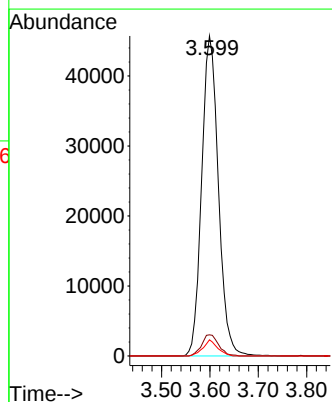
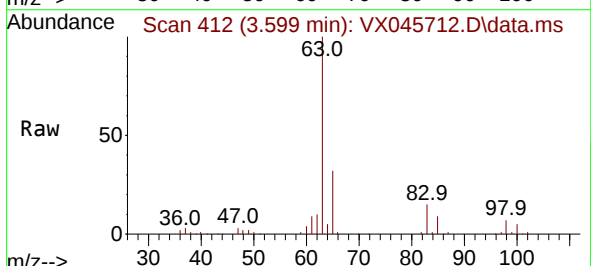
Manual Integrations
 APPROVED

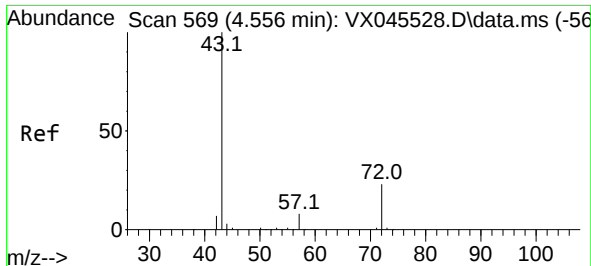
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#24
 1,1-Dichloroethane
 Concen: 51.965 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Tgt Ion: 63 Resp: 109738
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 5.0 2.2 6.6





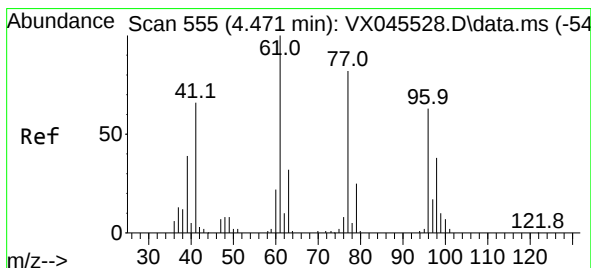
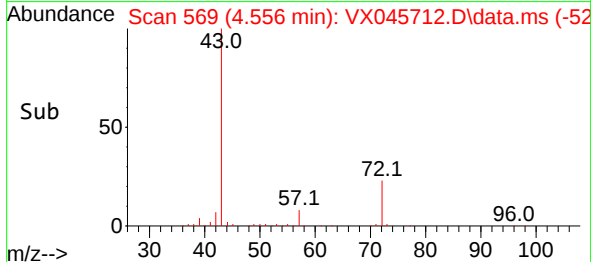
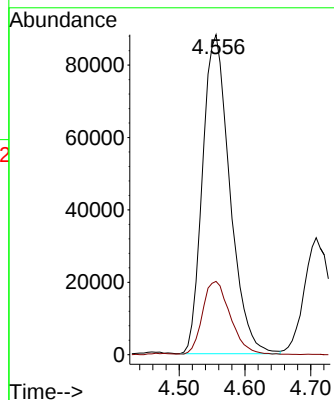
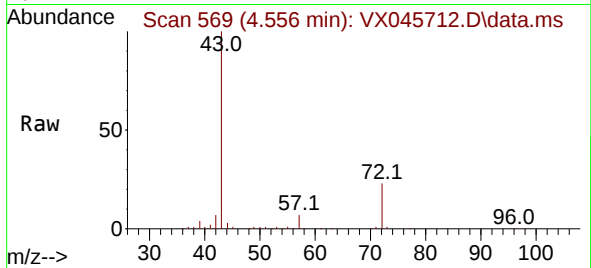
#25
2-Butanone
Concen: 278.164 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25445
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0

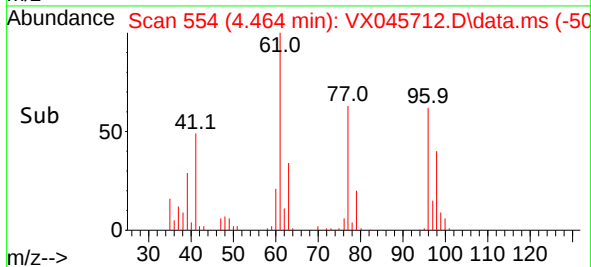
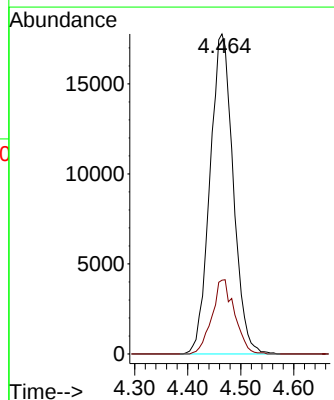
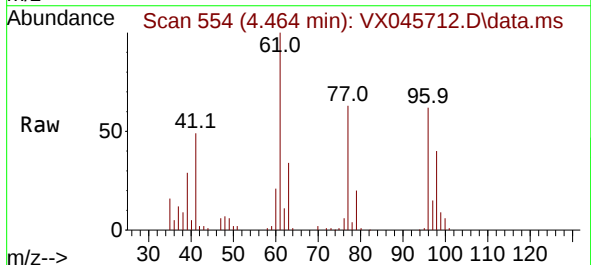
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#26
2,2-Dichloropropane
Concen: 39.627 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

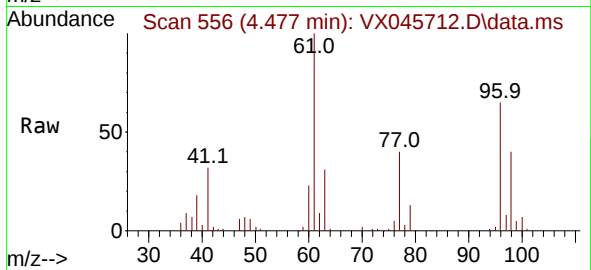
Tgt Ion: 77 Resp: 54067
Ion Ratio Lower Upper
77 100
97 22.7 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.128 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

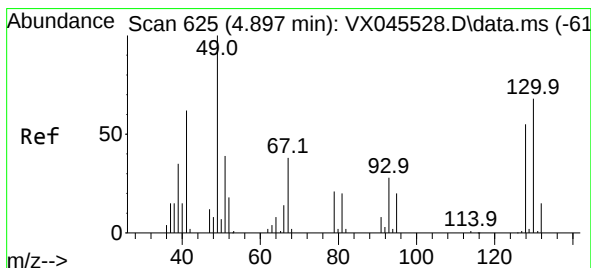
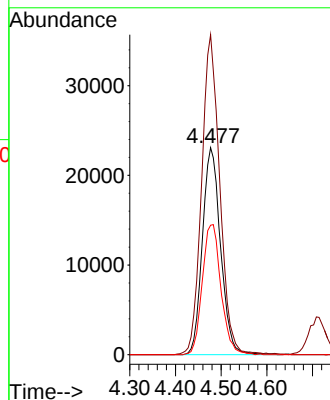
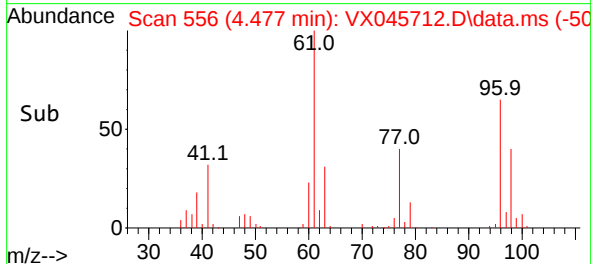
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



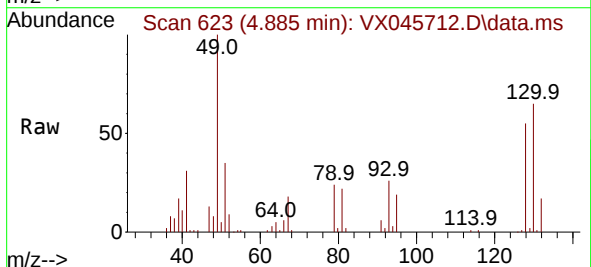
Tgt Ion: 96 Resp: 63579
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 313.2
 98 64.6 0.0 126.4

Manual Integrations
 APPROVED

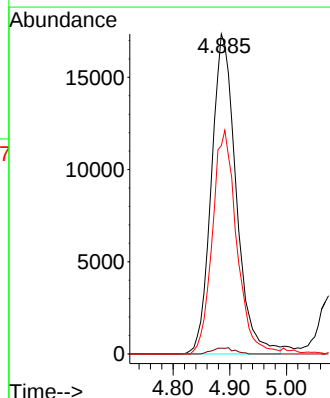
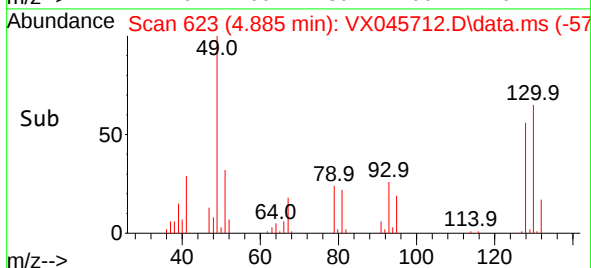
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

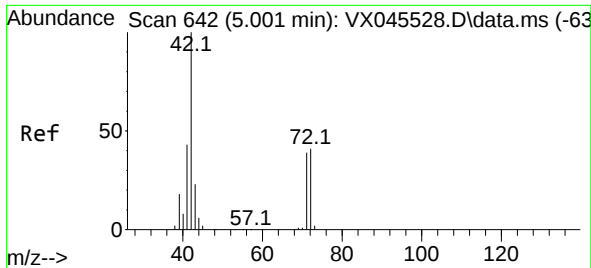


#28
 Bromochloromethane
 Concen: 51.517 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49



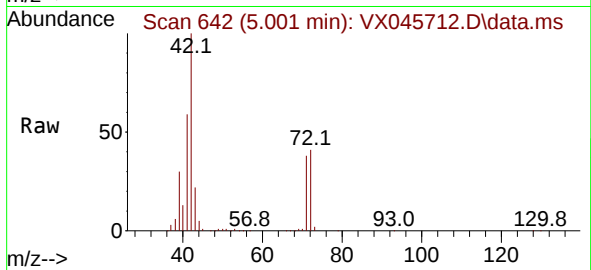
Tgt Ion: 49 Resp: 52573
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 68.4 54.6 81.8





#29
Tetrahydrofuran
Concen: 268.632 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

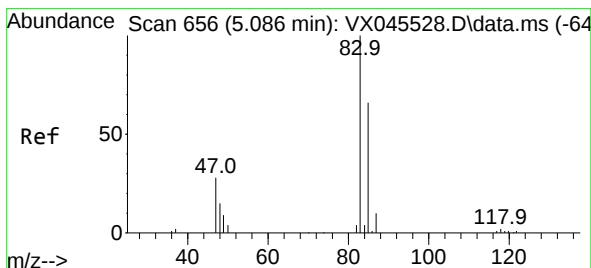
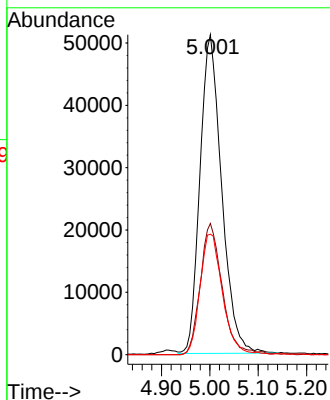
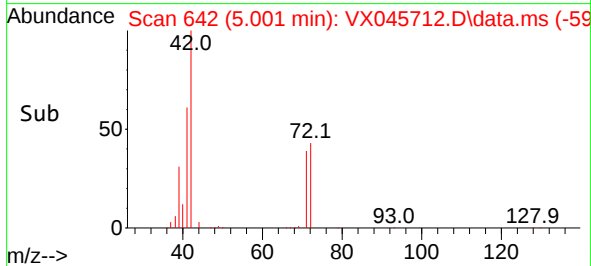
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 159320
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 39.1 31.4 47.0

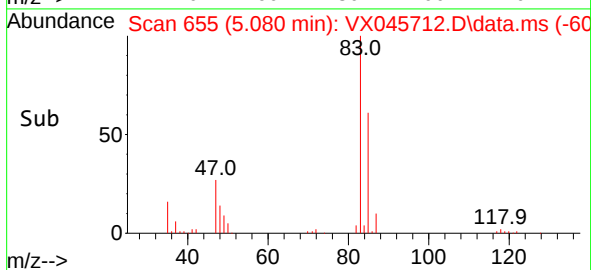
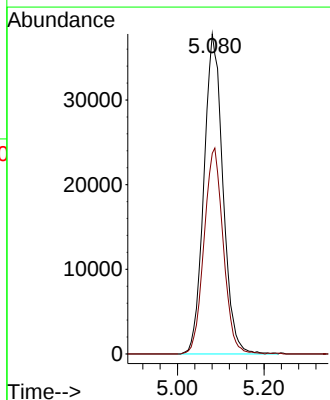
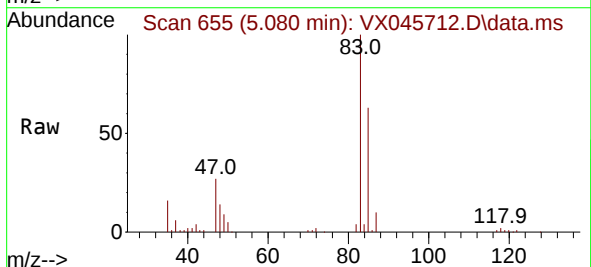
Manual Integrations
APPROVED

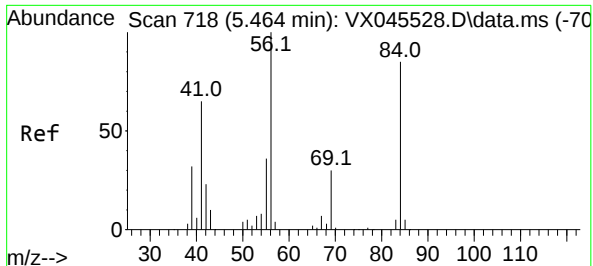
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#30
Chloroform
Concen: 53.062 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

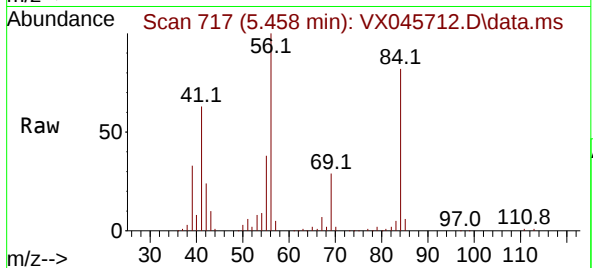
Tgt Ion: 83 Resp: 115301
Ion Ratio Lower Upper
83 100
85 62.7 52.8 79.2





#31
Cyclohexane
Concen: 50.829 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

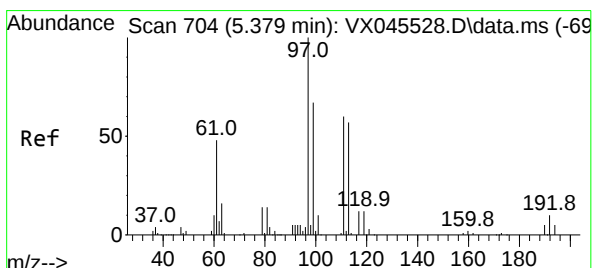
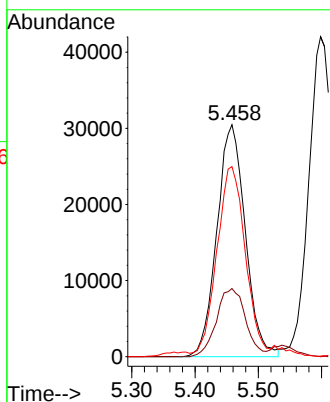
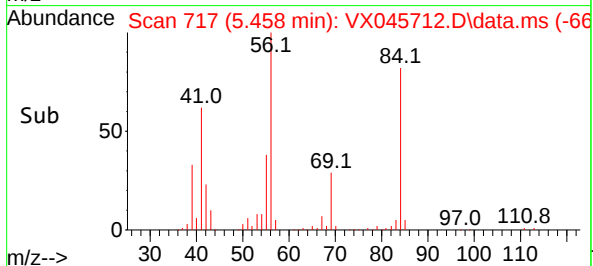
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 94892
Ion Ratio Lower Upper
56 100
69 29.4 23.6 35.4
84 80.3 67.7 101.5

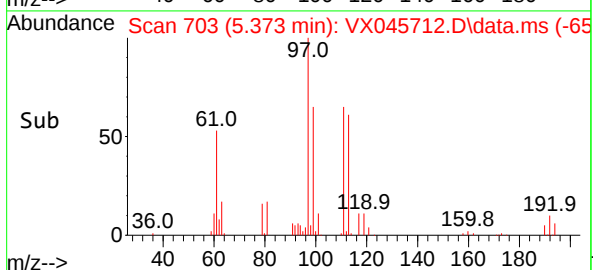
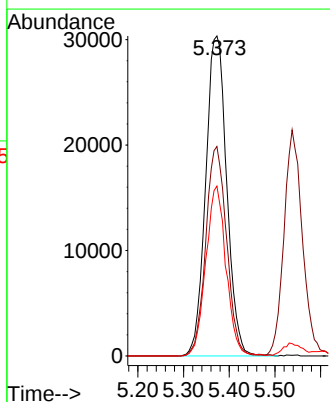
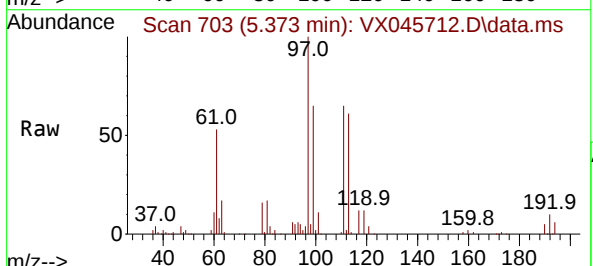
Manual Integrations
APPROVED

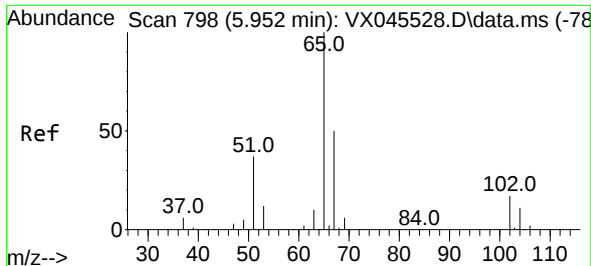
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#32
1,1,1-Trichloroethane
Concen: 52.867 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 97 Resp: 97204
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 51.1 41.0 61.4





#33
 1,2-Dichloroethane-d4
 Concen: 54.289 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

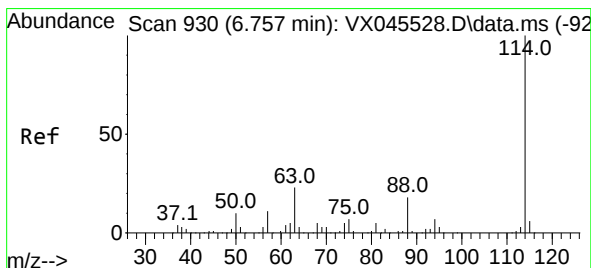
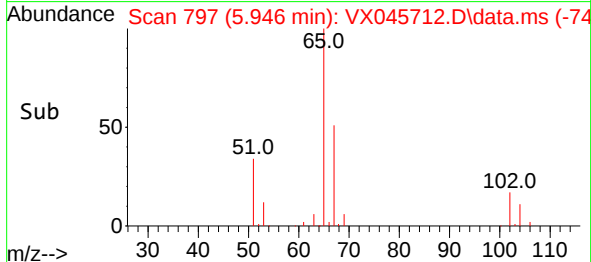
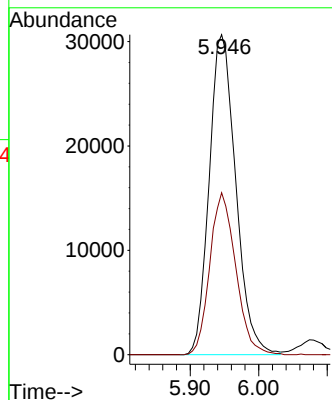
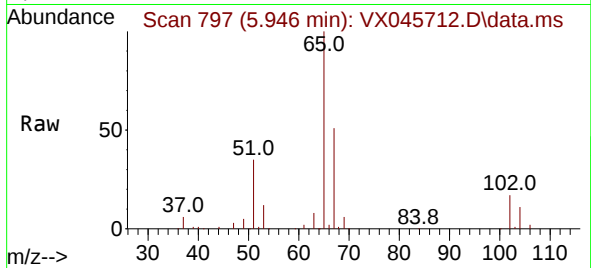
VSTDCCC050

Tgt Ion: 65 Resp: 8262
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0

Manual Integrations

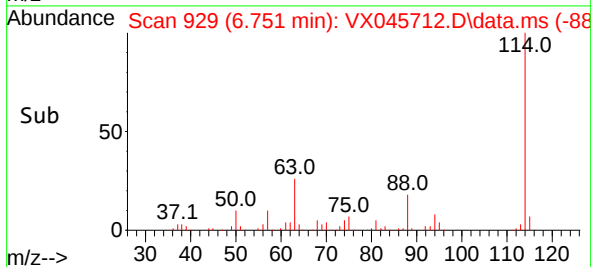
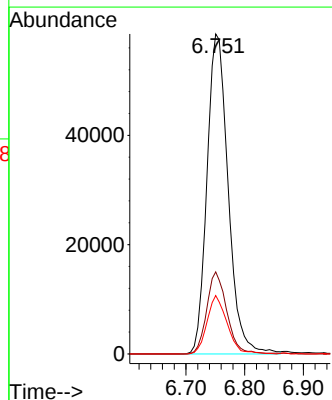
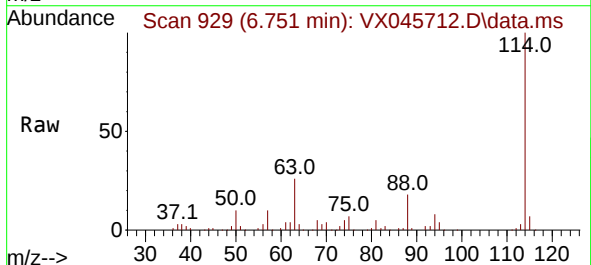
APPROVED

Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Tgt Ion:114 Resp: 146715
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 46.8
 88 18.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 5732

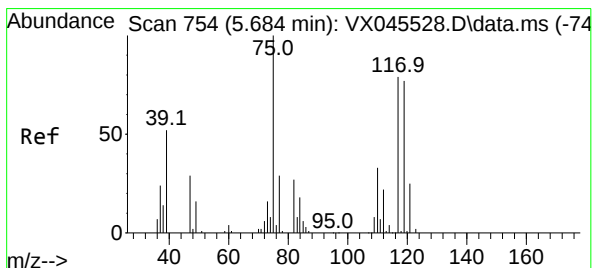
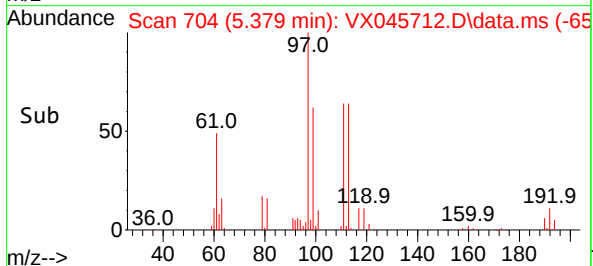
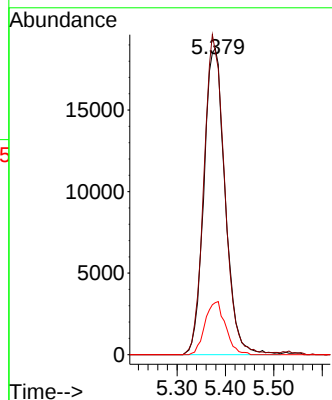
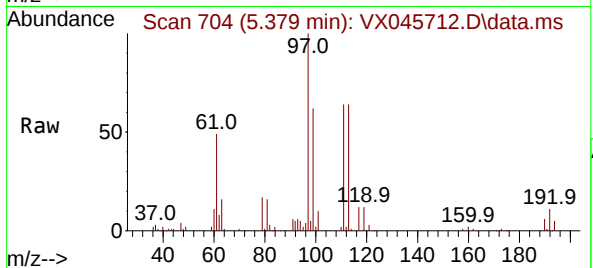
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.6
192	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#36

1,1-Dichloropropene

Concen: 52.580 ug/l

RT: 5.678 min Scan# 753

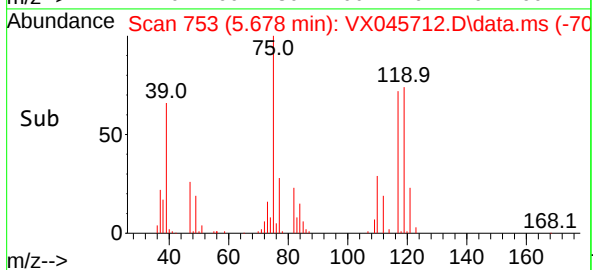
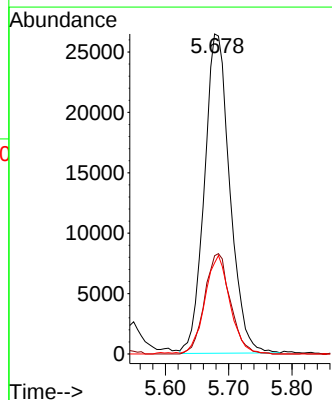
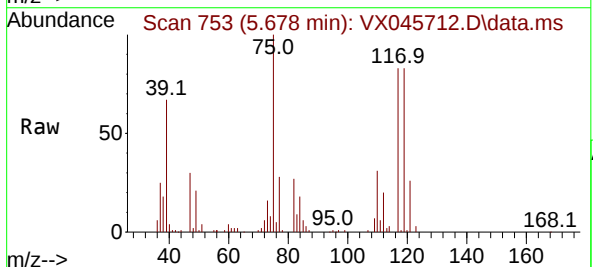
Delta R.T. -0.006 min

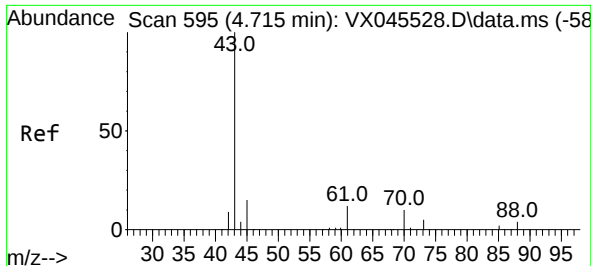
Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Tgt Ion: 75 Resp: 73900

Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.9	50.6
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 52.061 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9221

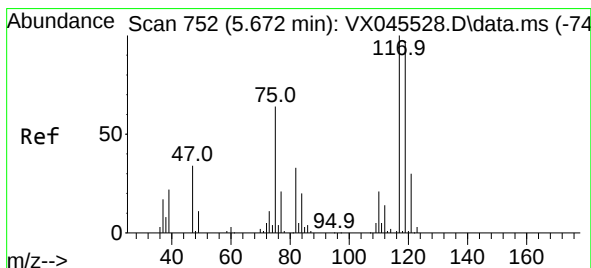
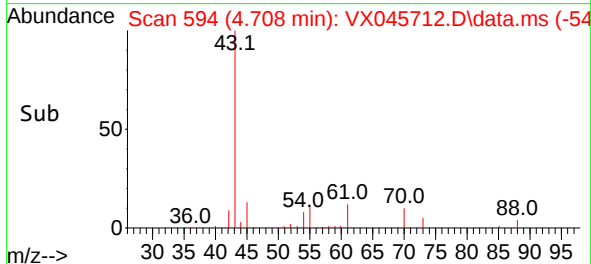
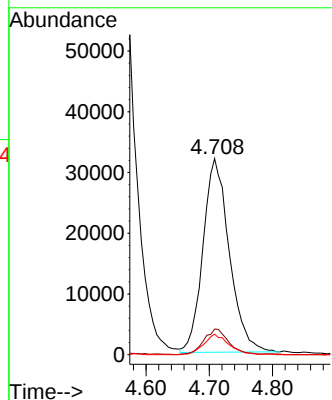
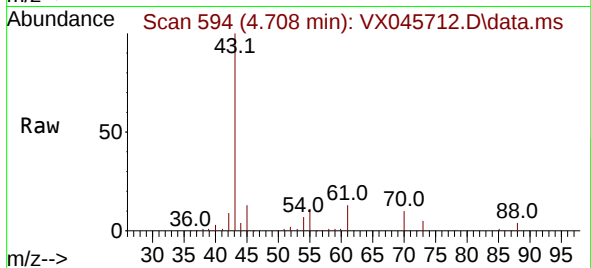
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.9	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#38

Carbon Tetrachloride

Concen: 54.095 ug/l

RT: 5.665 min Scan# 751

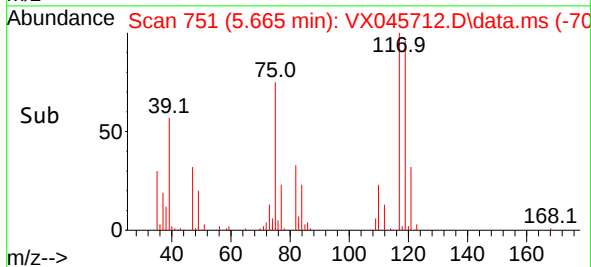
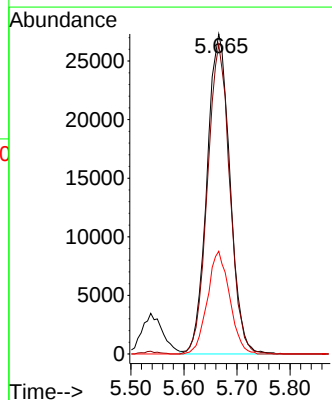
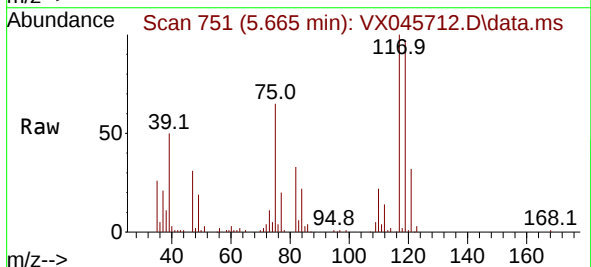
Delta R.T. -0.006 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Tgt Ion:117 Resp: 82170

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
121	32.1	24.2	36.2





#39

Methylcyclohexane

Concen: 52.537 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

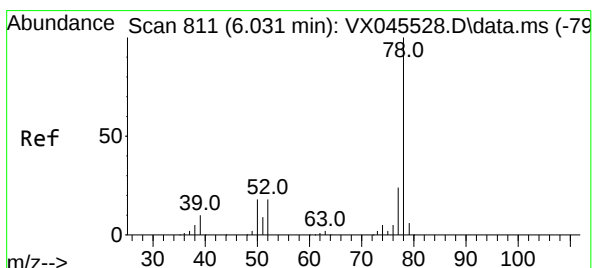
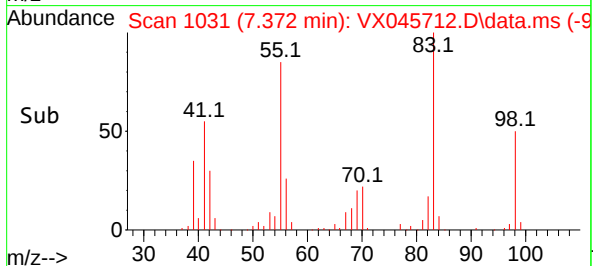
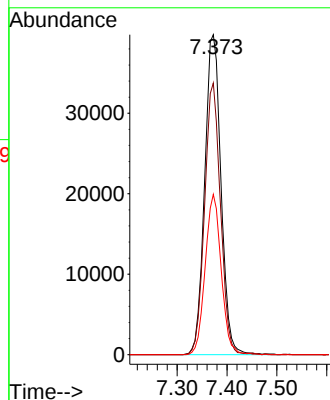
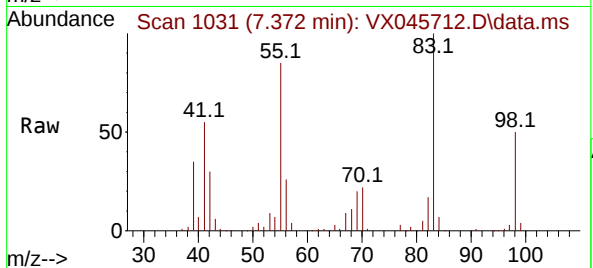
Tgt Ion: 83	Resp: 9051
Ion Ratio	Lower Upper
83 100	
55 84.9	64.9 97.3
98 50.1	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#40

Benzene

Concen: 51.250 ug/l

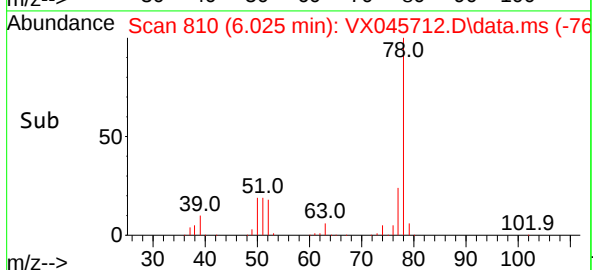
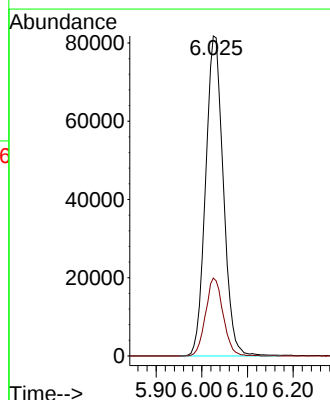
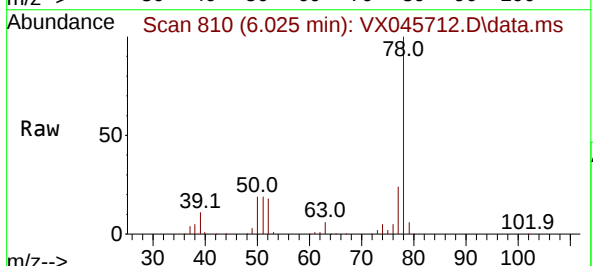
RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

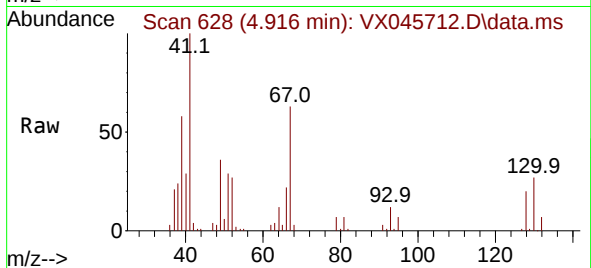
Tgt Ion: 78	Resp: 219989
Ion Ratio	Lower Upper
78 100	
77 24.4	19.0 28.6





#41
Methacrylonitrile
Concen: 58.638 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

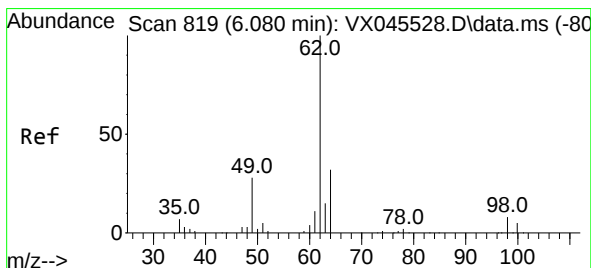
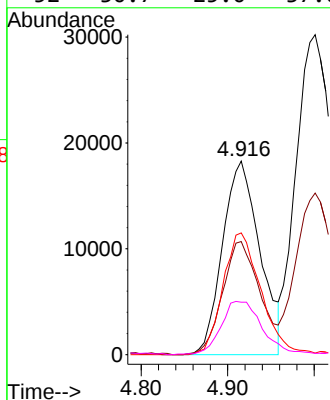
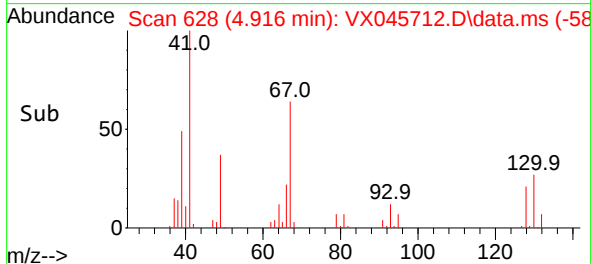
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 54799
Ion Ratio Lower Upper
41 100
39 58.7 47.0 70.6
67 63.8 53.2 79.8
52 30.7 25.0 37.6

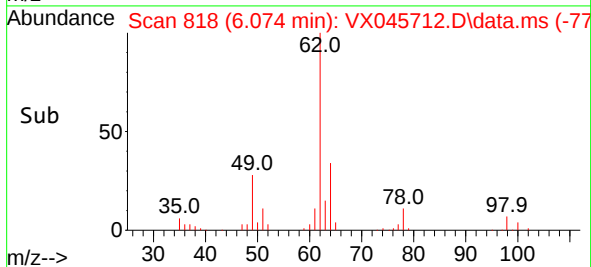
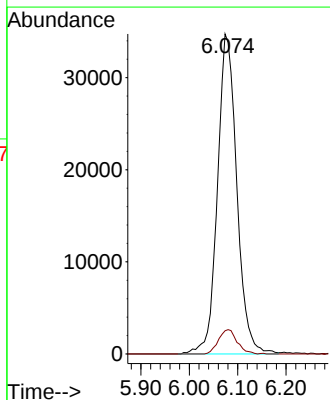
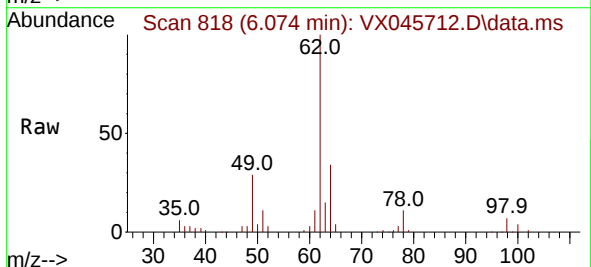
Manual Integrations
APPROVED

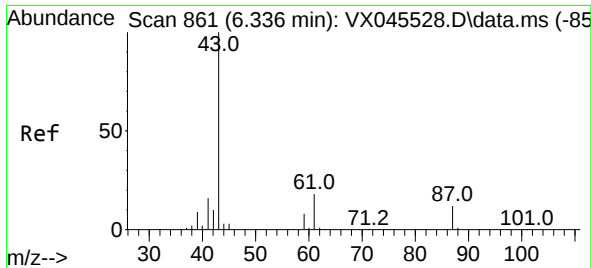
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#42
1,2-Dichloroethane
Concen: 54.526 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

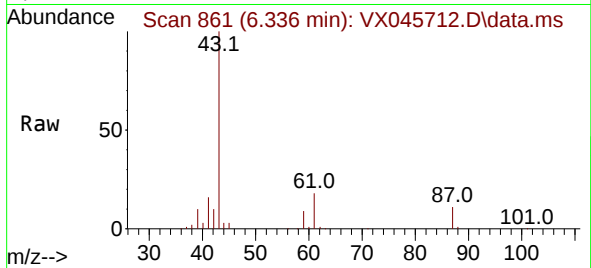
Tgt Ion: 62 Resp: 96670
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43
Isopropyl Acetate
Concen: 55.023 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

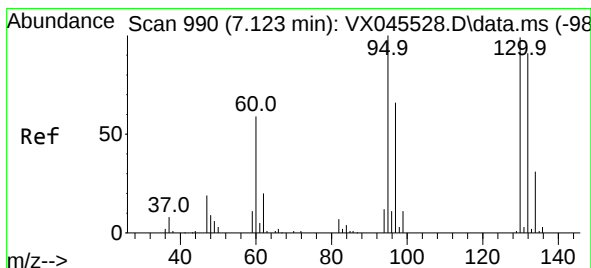
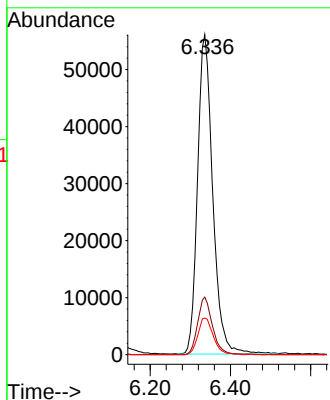
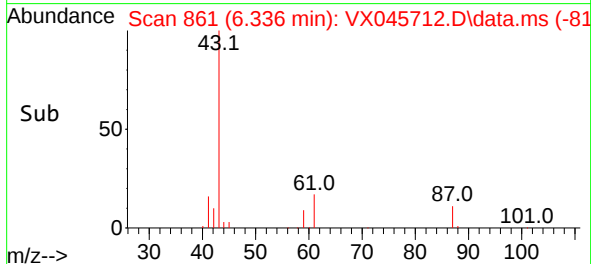
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 147709
Ion Ratio Lower Upper
43 100
61 17.4 14.1 21.1
87 11.6 9.2 13.8

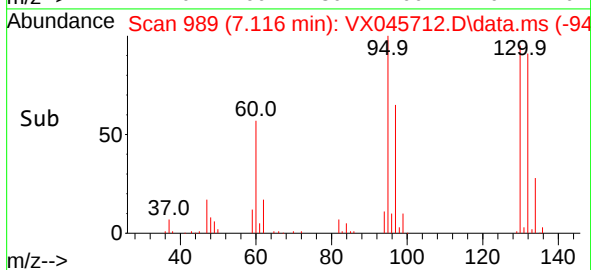
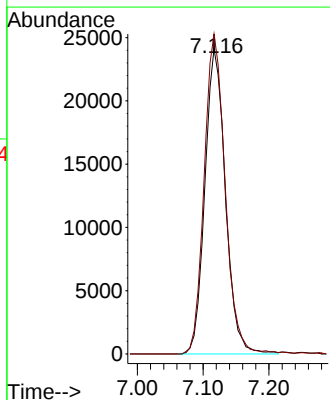
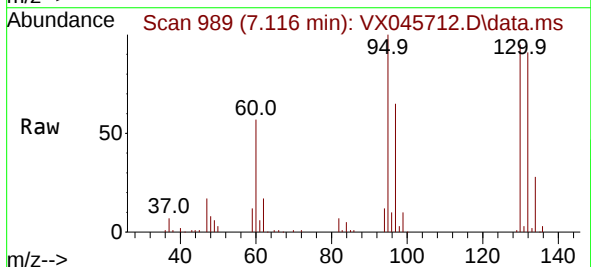
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#44
Trichloroethene
Concen: 51.427 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion:130 Resp: 52469
Ion Ratio Lower Upper
130 100
95 104.8 0.0 202.0





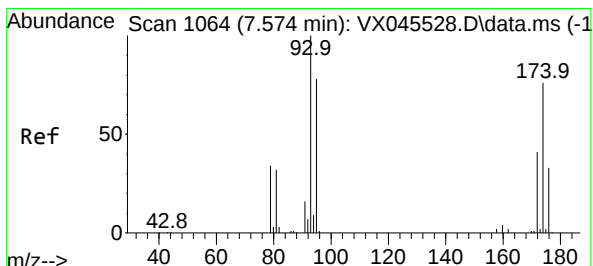
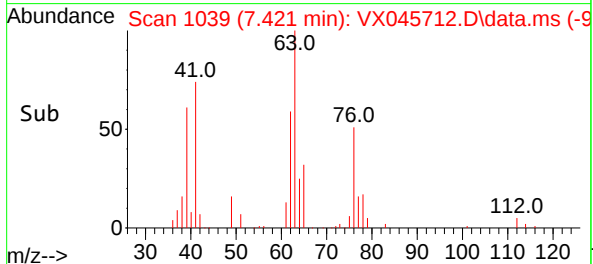
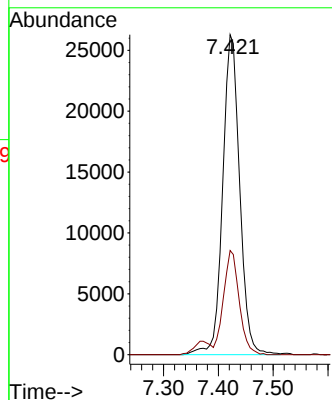
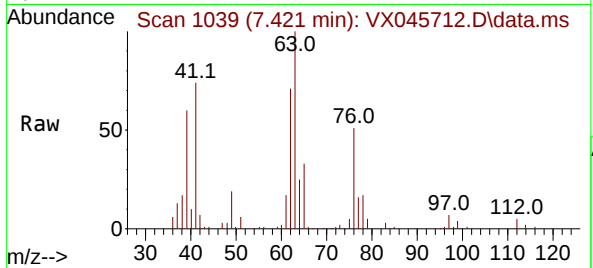
#45
1,2-Dichloropropane
Concen: 53.066 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 56834
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.6

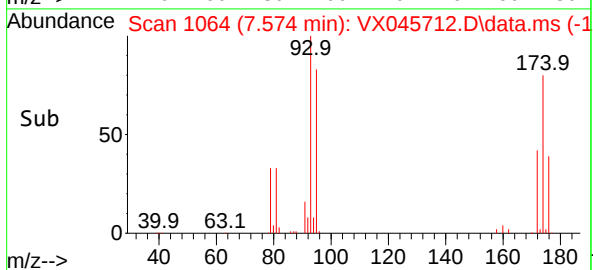
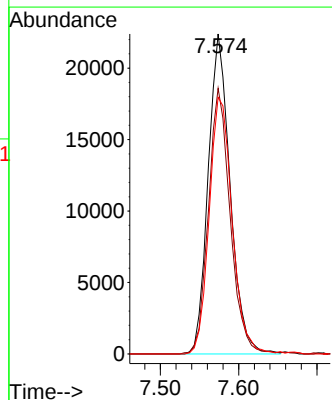
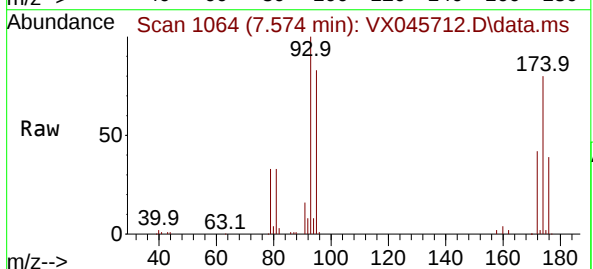
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#46
Dibromomethane
Concen: 53.031 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 93 Resp: 43600
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 83.6 65.4 98.0





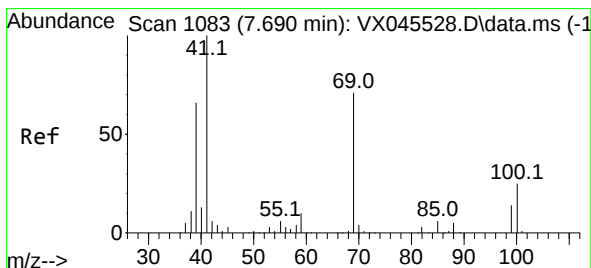
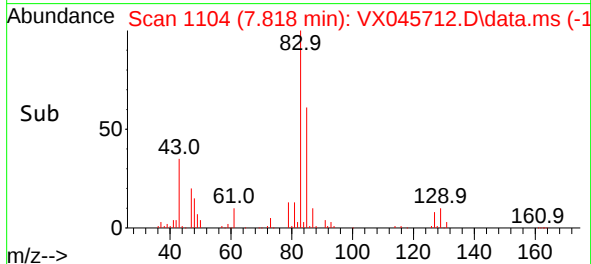
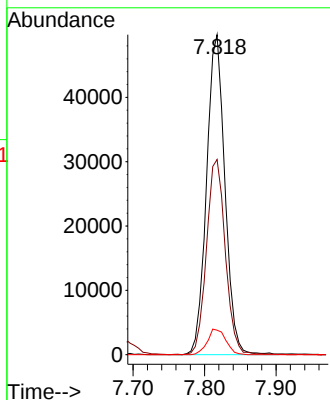
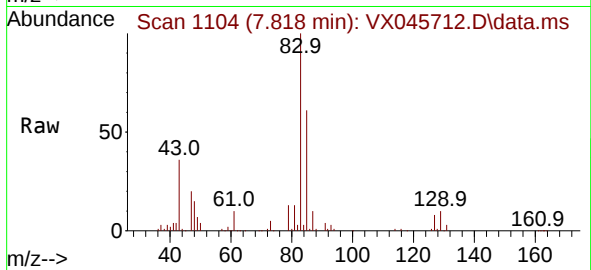
#47
Bromodichloromethane
Concen: 53.955 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88589
Ion Ratio Lower Upper
83 100
85 60.9 49.7 74.5
127 7.6 6.1 9.1

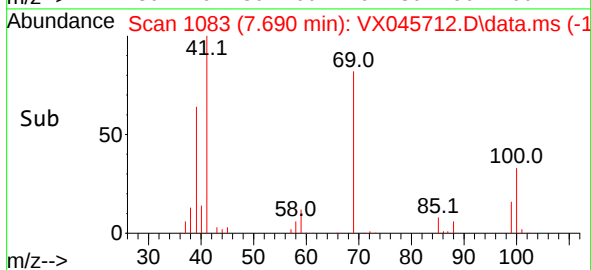
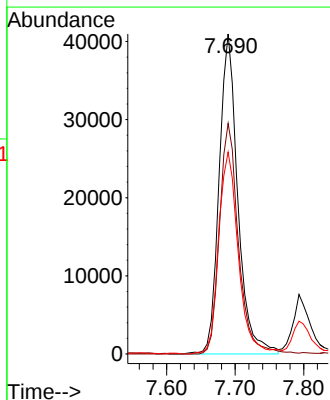
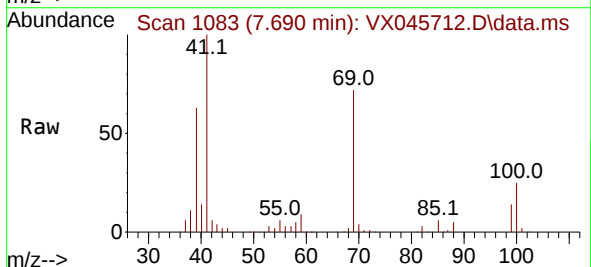
Manual Integrations
APPROVED

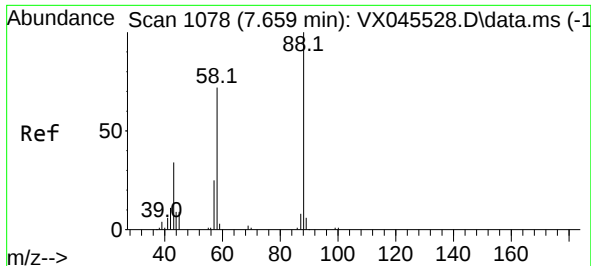
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#48
Methyl methacrylate
Concen: 55.873 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 41 Resp: 77443
Ion Ratio Lower Upper
41 100
69 72.8 58.2 87.2
39 66.6 53.6 80.4





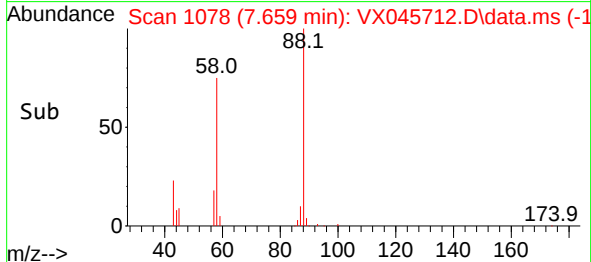
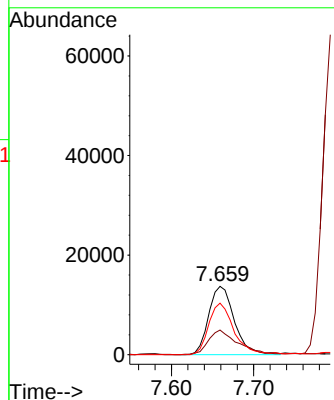
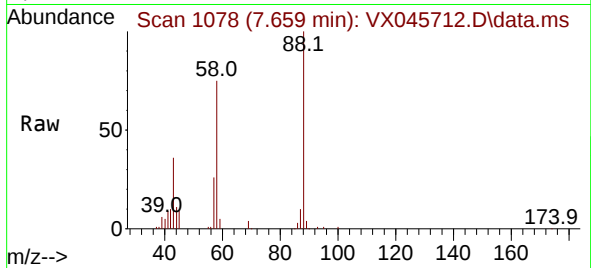
#49
1,4-Dioxane
Concen: 1186.332 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 29750
Ion Ratio Lower Upper
88 100
43 41.7 32.2 48.4
58 74.3 58.6 88.0

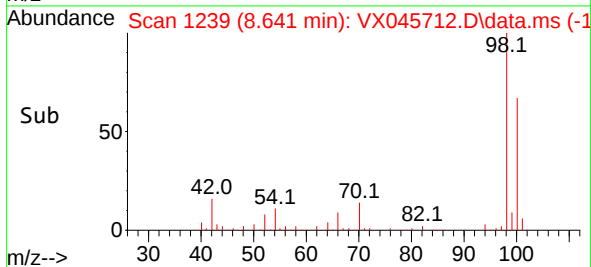
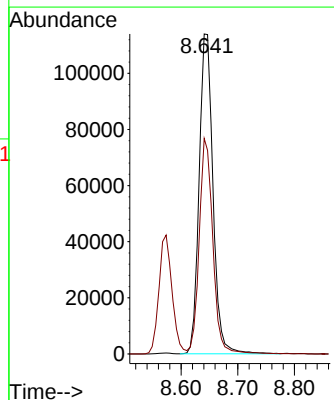
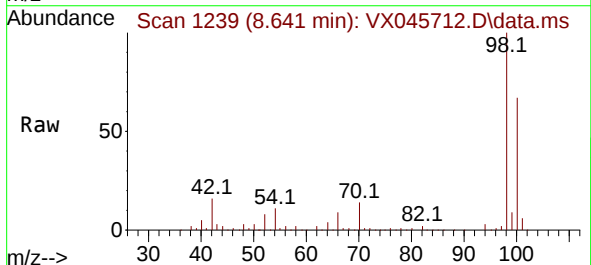
Manual Integrations
APPROVED

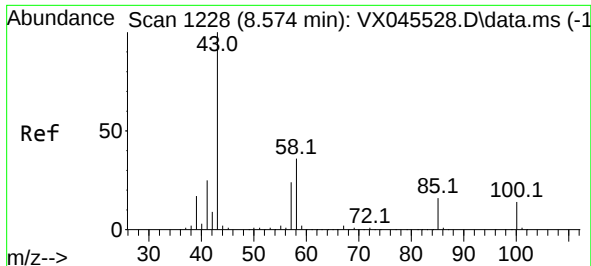
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#50
Toluene-d8
Concen: 53.281 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

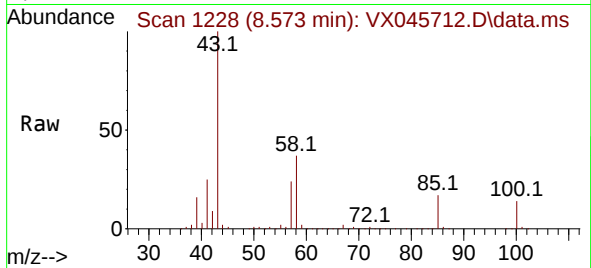
Tgt Ion: 98 Resp: 193585
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 283.768 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

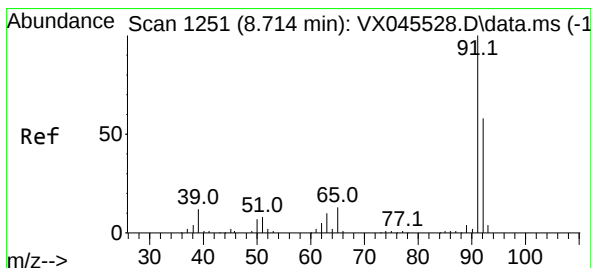
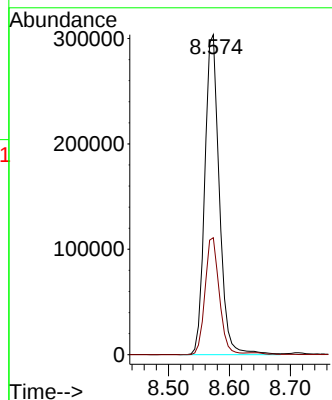
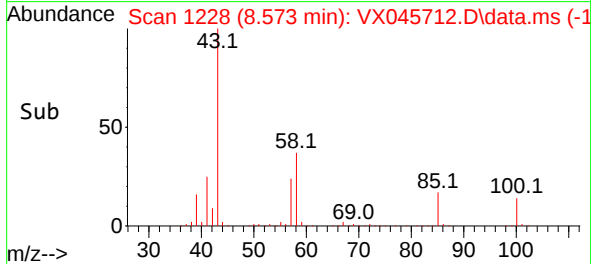
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 504992
Ion Ratio Lower Upper
43 100
58 35.8 28.5 42.7

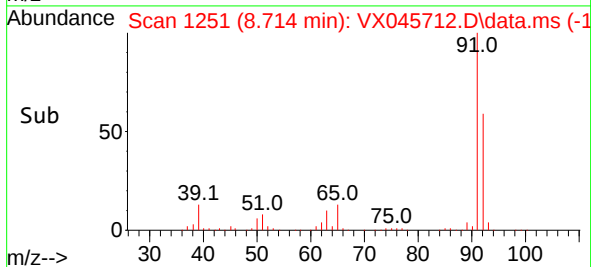
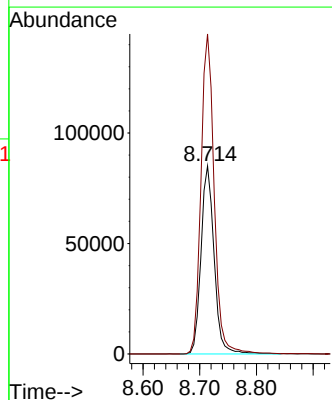
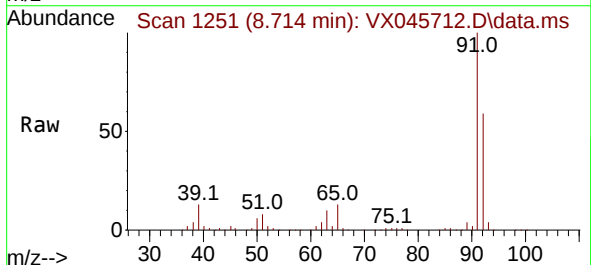
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#52
Toluene
Concen: 52.567 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 92 Resp: 136538
Ion Ratio Lower Upper
92 100
91 171.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 46.374 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 72940

Ion Ratio Lower Upper

75 100

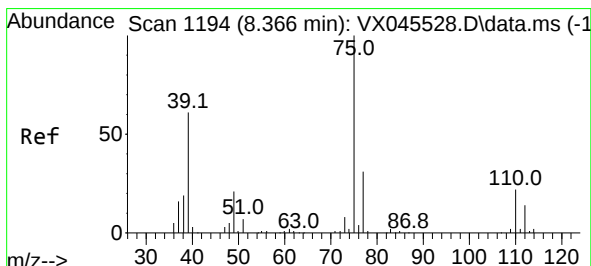
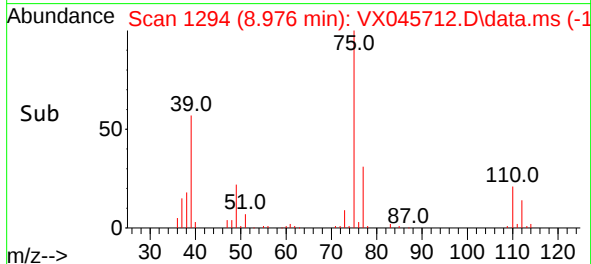
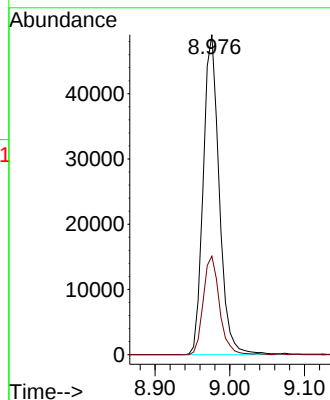
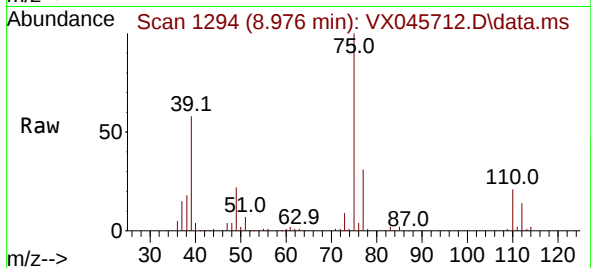
77 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#54

cis-1,3-Dichloropropene

Concen: 52.724 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

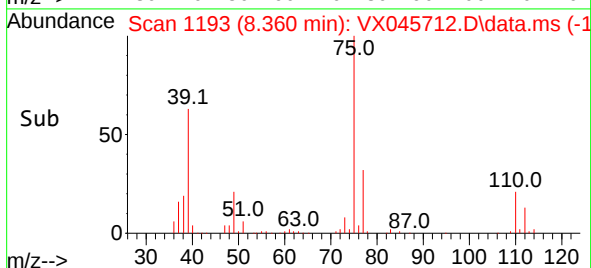
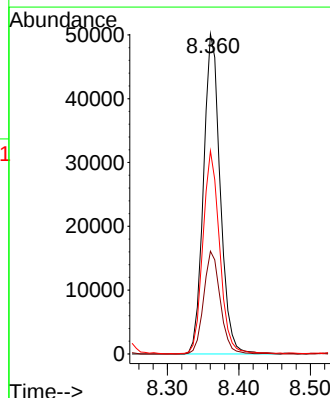
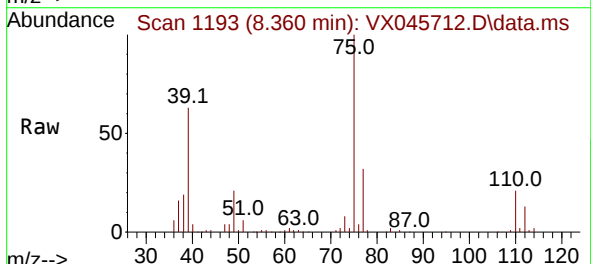
Tgt Ion: 75 Resp: 81350

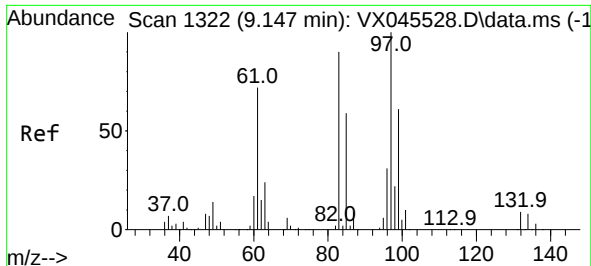
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

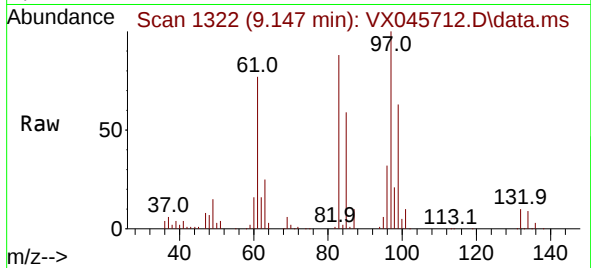
39 63.3 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 53.024 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

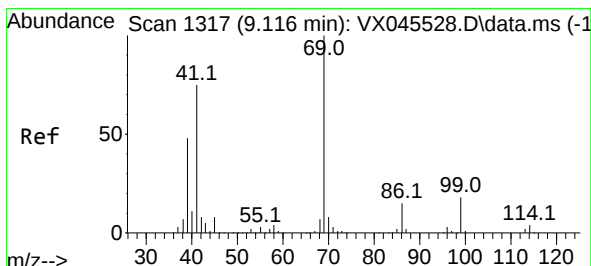
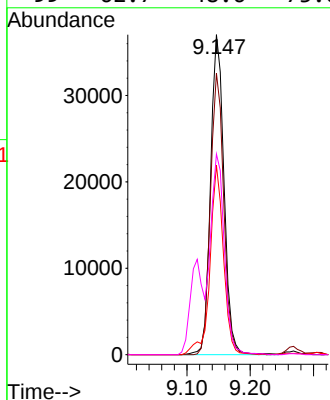
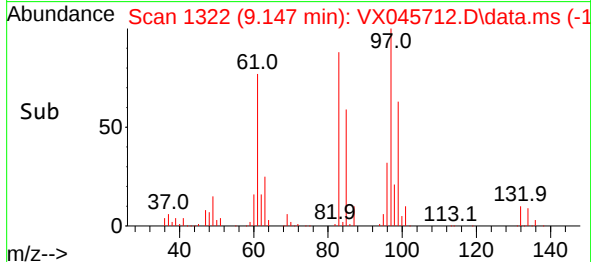
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



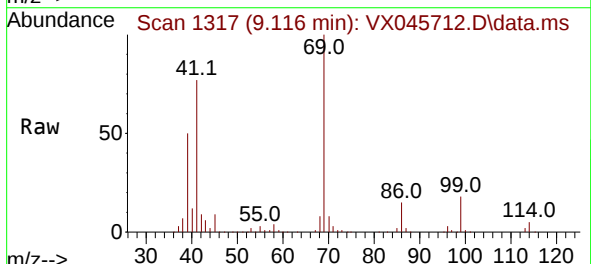
Tgt Ion: 97 Resp: 5488
Ion Ratio Lower Upper
97 100
83 87.9 71.8 107.8
85 59.2 47.0 70.6
99 62.7 48.6 73.0

Manual Integrations
APPROVED

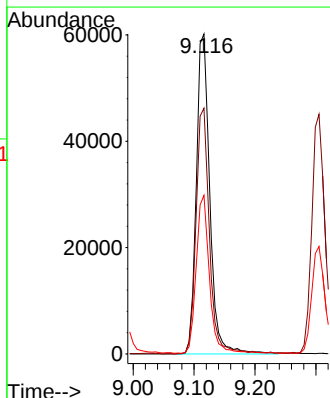
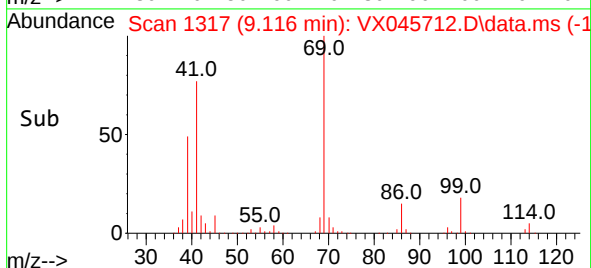
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

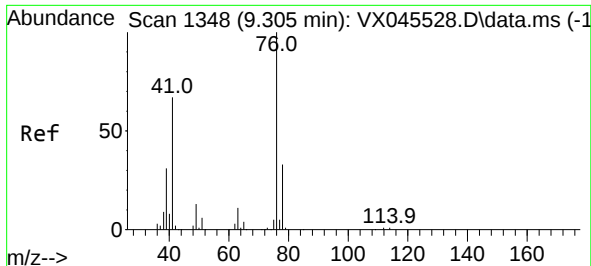


#56
Ethyl methacrylate
Concen: 57.685 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



Tgt Ion: 69 Resp: 92401
Ion Ratio Lower Upper
69 100
41 76.8 61.3 91.9
39 48.6 40.2 60.2





#57

1,3-Dichloropropane

Concen: 52.934 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 95400

Ion Ratio Lower Upper

76 100

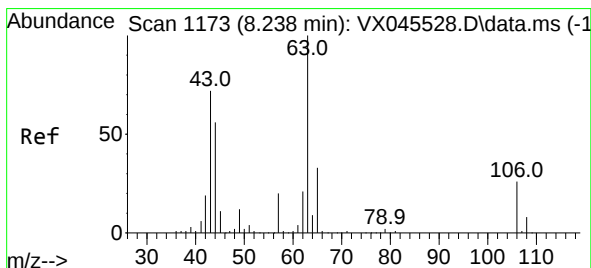
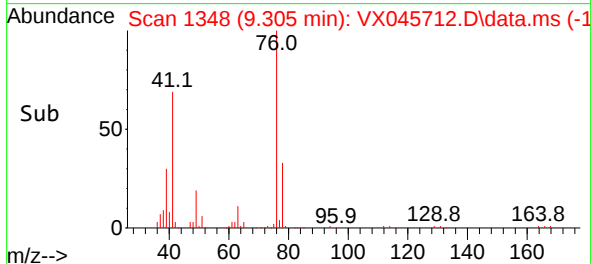
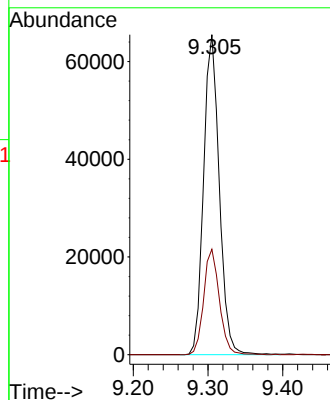
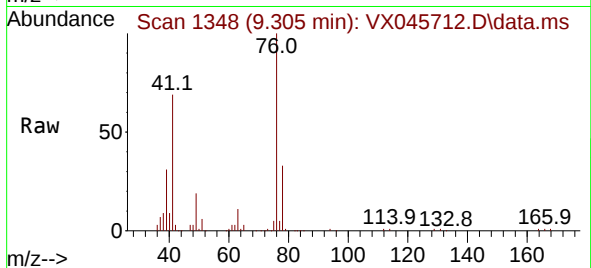
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 283.840 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045712.D

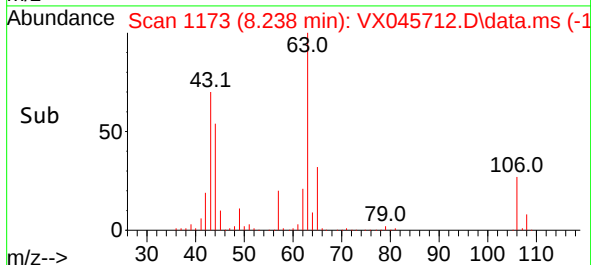
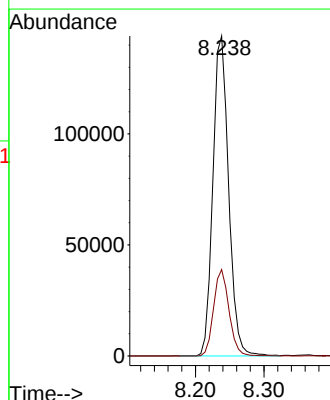
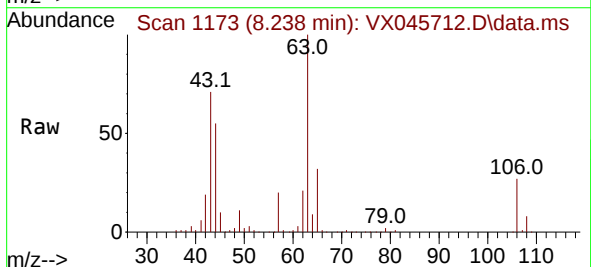
Acq: 11 Apr 2025 02:49

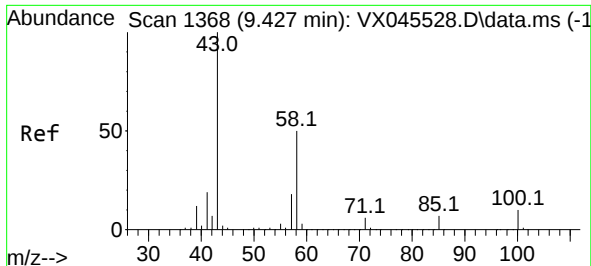
Tgt Ion: 63 Resp: 230000

Ion Ratio Lower Upper

63 100

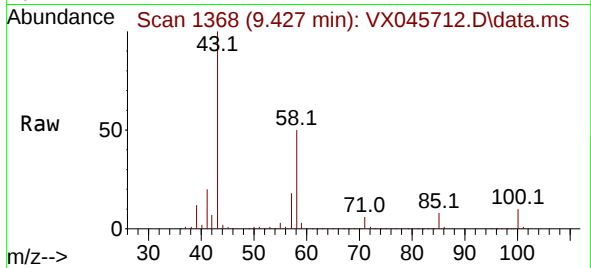
106 26.5 21.0 31.6





#59
2-Hexanone
Concen: 288.176 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

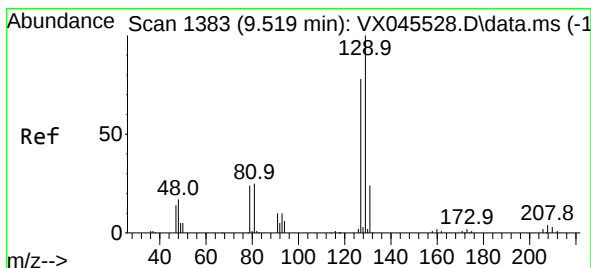
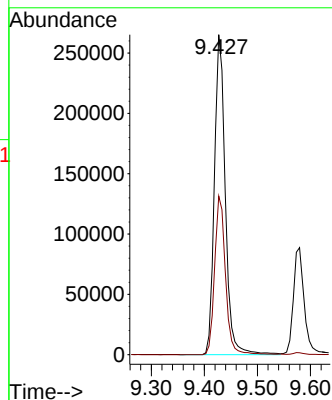
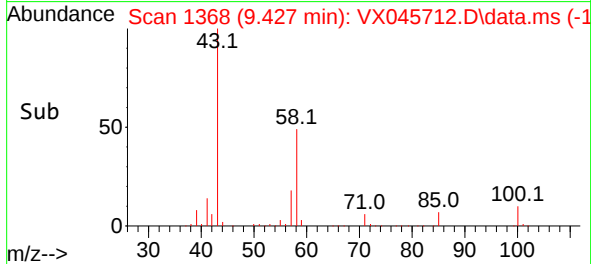
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 379769
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

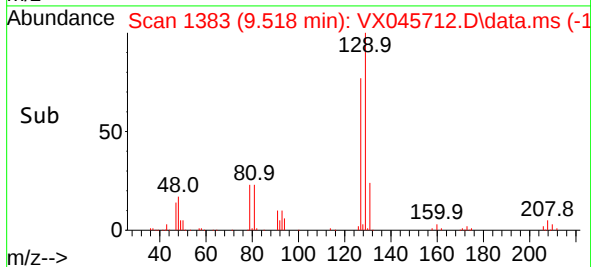
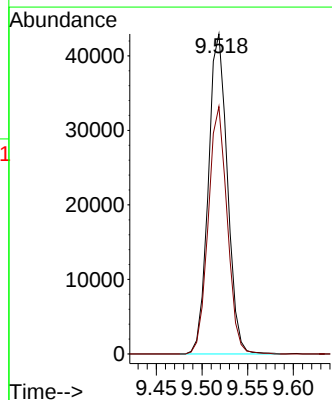
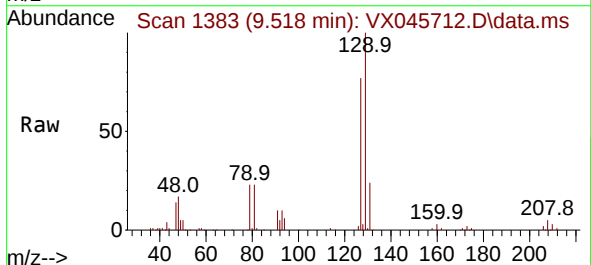
Manual Integrations
APPROVED

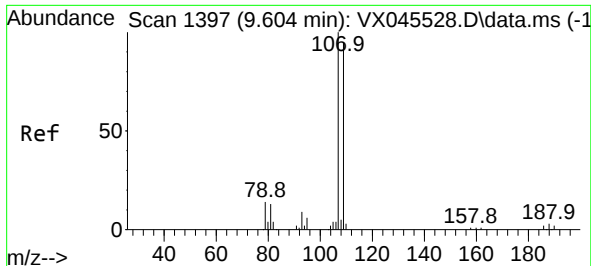
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#60
Dibromochloromethane
Concen: 55.034 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

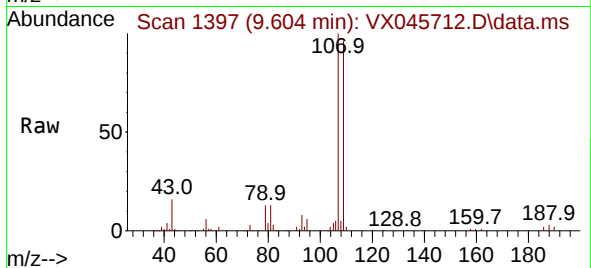
Tgt Ion:129 Resp: 62099
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.310 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

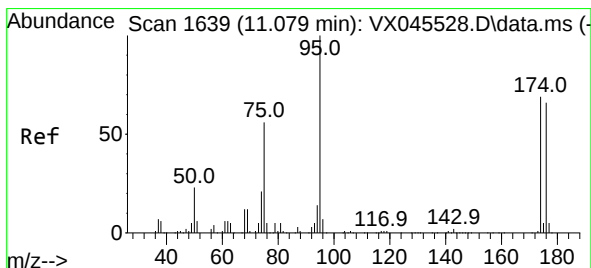
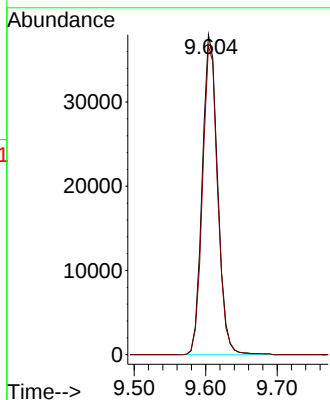
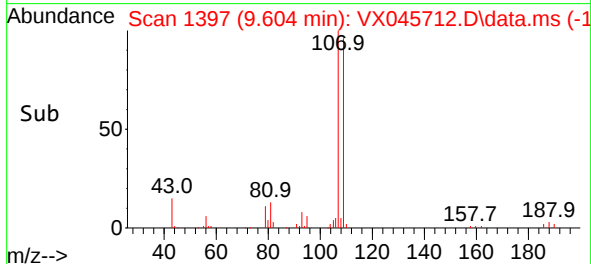
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



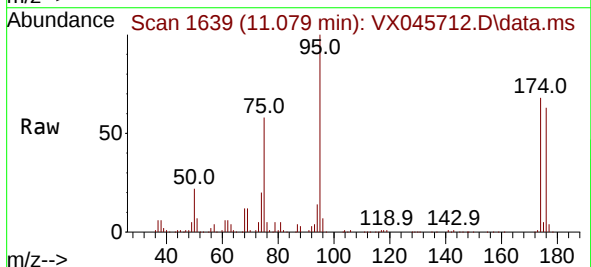
Tgt Ion:107 Resp: 56904
Ion Ratio Lower Upper
107 100
109 95.2 75.7 113.5

Manual Integrations
APPROVED

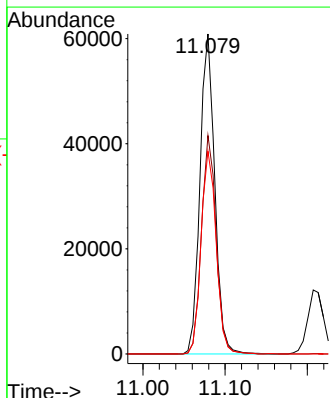
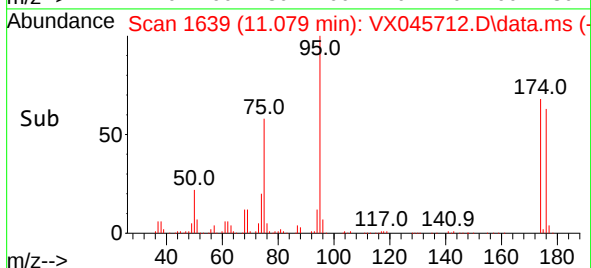
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#62
4-Bromofluorobenzene
Concen: 57.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



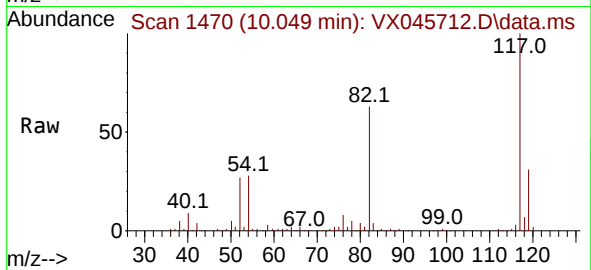
Tgt Ion: 95 Resp: 75944
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

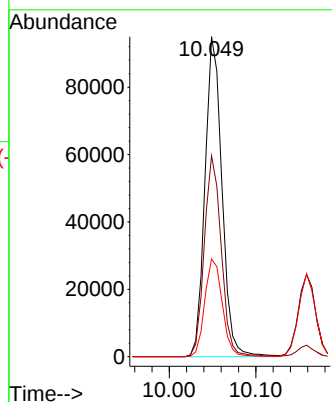
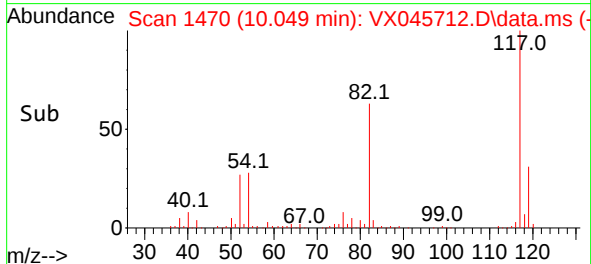
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 129670
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 30.6 25.1 37.7

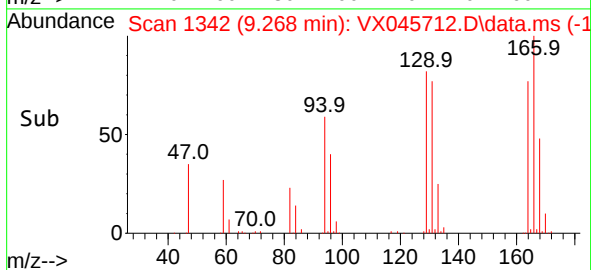
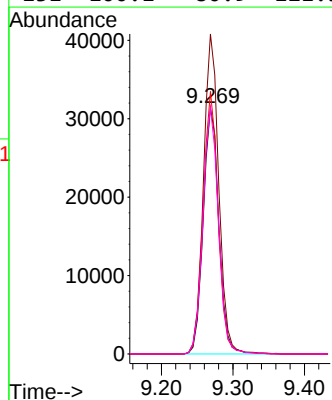
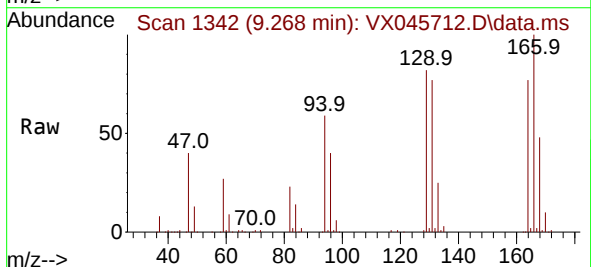
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#64
Tetrachloroethene
Concen: 52.027 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

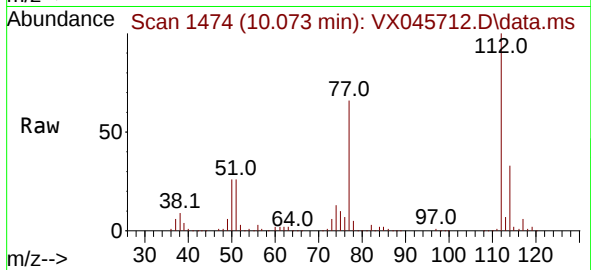
Tgt Ion:164 Resp: 47631
Ion Ratio Lower Upper
164 100
166 130.1 103.8 155.8
129 106.7 84.3 126.5
131 100.1 80.9 121.3





#65
Chlorobenzene
Concen: 53.594 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

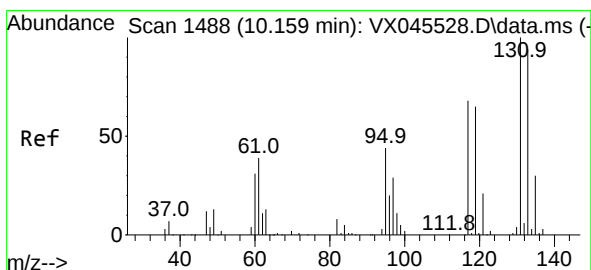
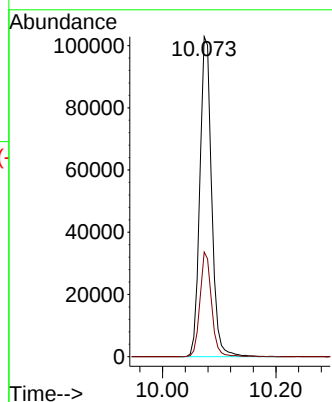
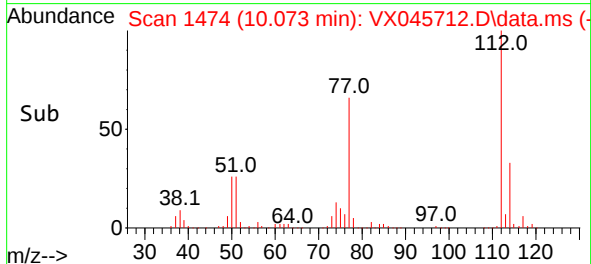
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 148500
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1

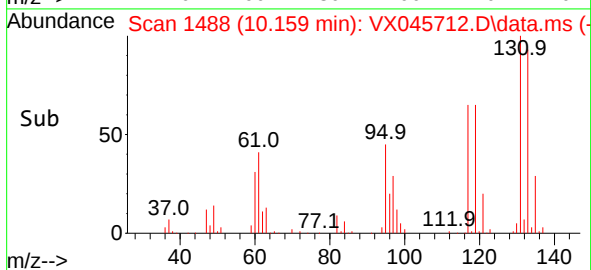
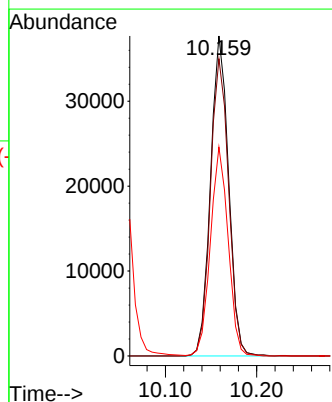
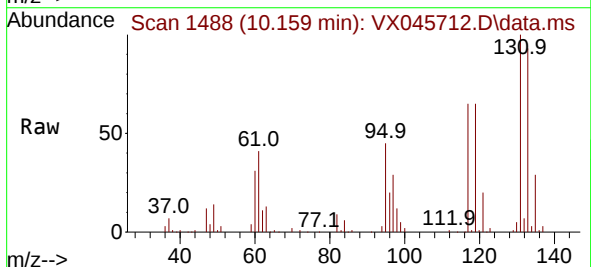
Manual Integrations
APPROVED

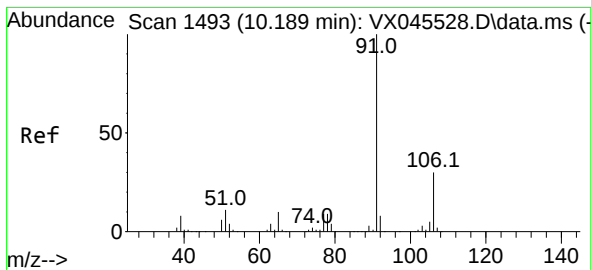
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.667 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

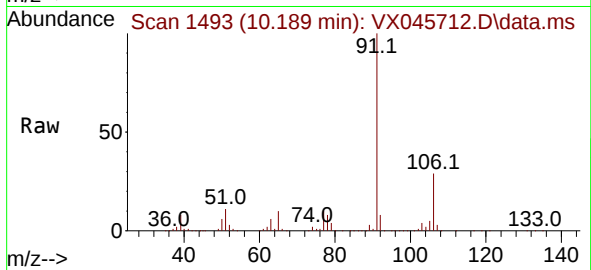
Tgt Ion:131 Resp: 51627
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 64.1 32.9 98.6





#67
Ethyl Benzene
Concen: 53.807 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

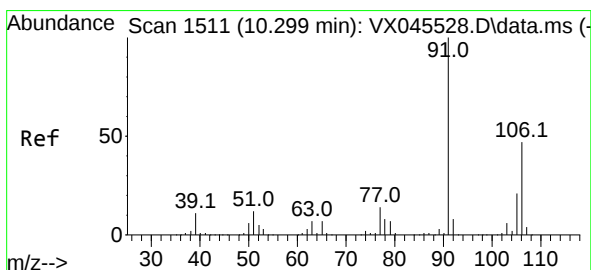
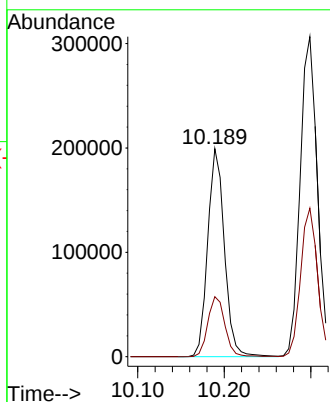
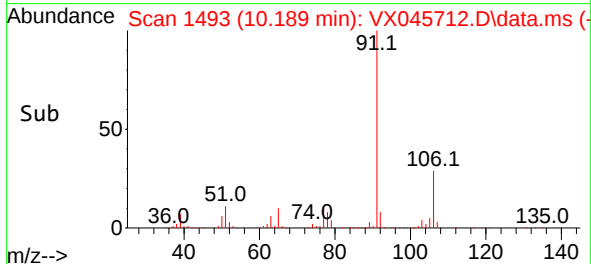
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 267022
Ion Ratio Lower Upper
91 100
106 28.9 23.7 35.5

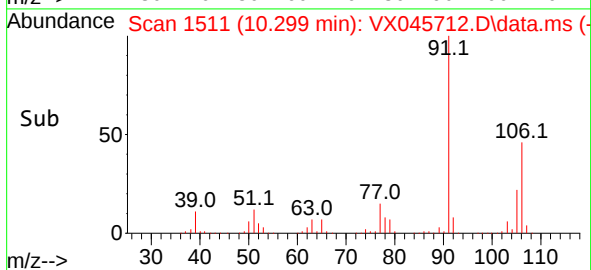
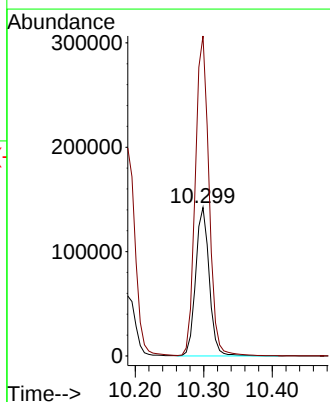
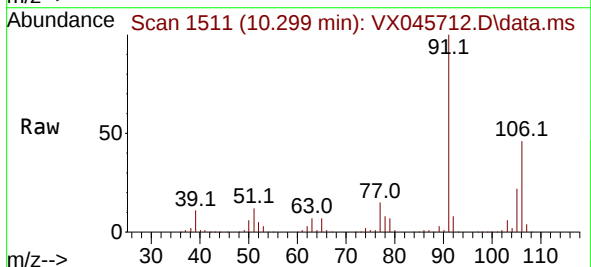
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#68
m/p-Xylenes
Concen: 108.466 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion:106 Resp: 195774
Ion Ratio Lower Upper
106 100
91 218.5 172.6 258.8





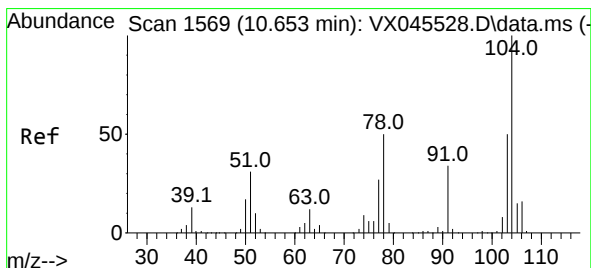
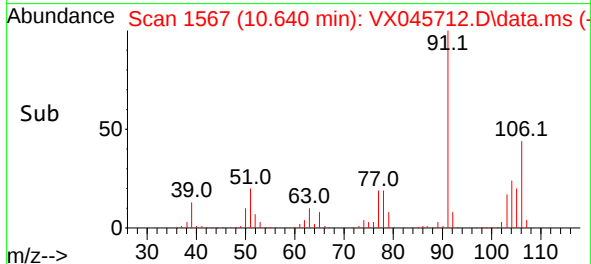
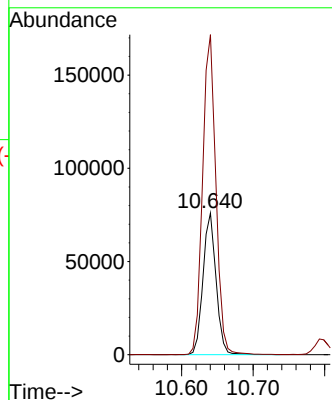
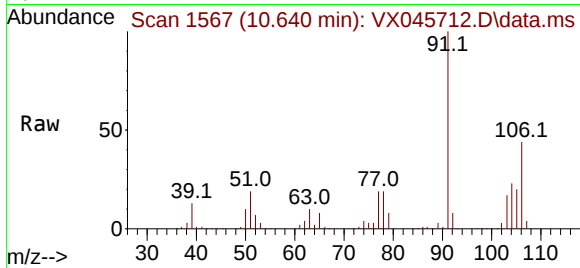
#69
o-Xylene
Concen: 54.084 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 96163
Ion Ratio Lower Upper
106 100
91 230.5 113.6 340.6

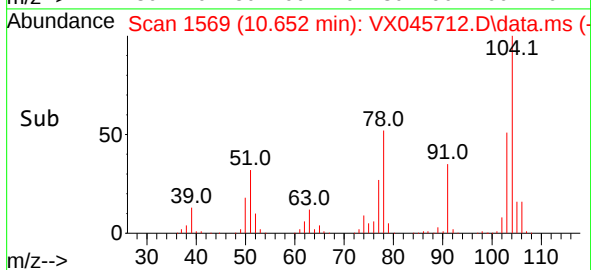
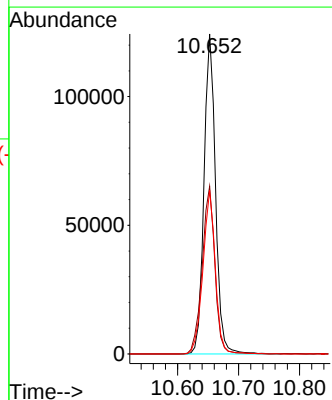
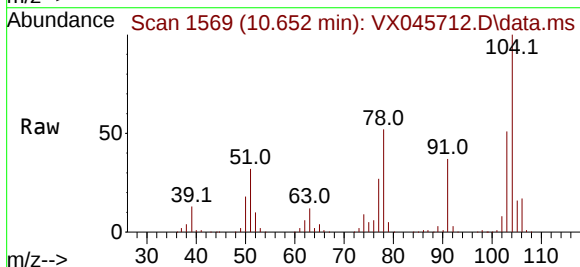
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#70
Styrene
Concen: 55.657 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion:104 Resp: 163333
Ion Ratio Lower Upper
104 100
78 58.1 45.4 68.2
103 55.2 43.8 65.8





#71

Bromoform

Concen: 54.707 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

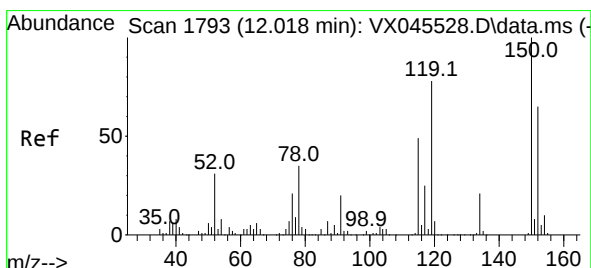
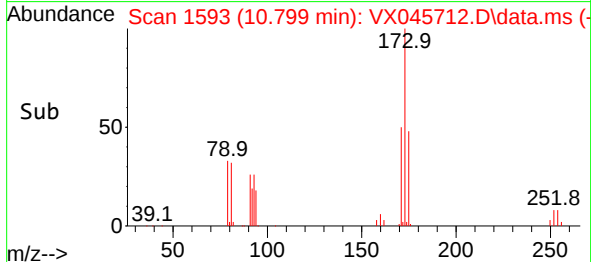
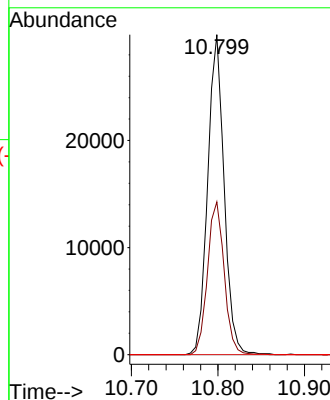
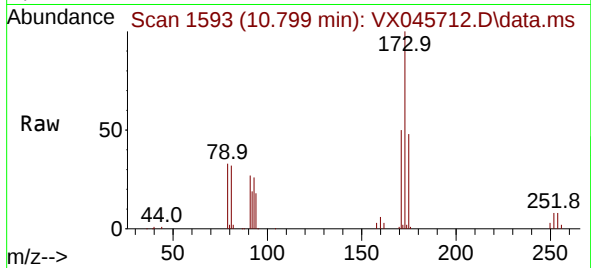
Tgt Ion:173	Resp:	3929
Ion Ratio	Lower	Upper
173	100	
175	48.8	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

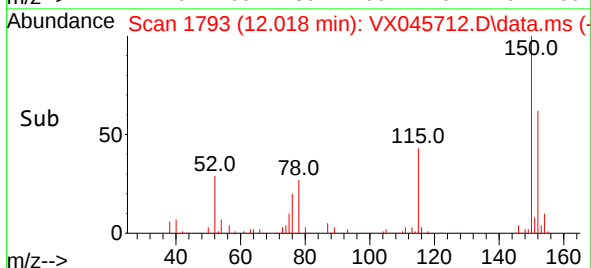
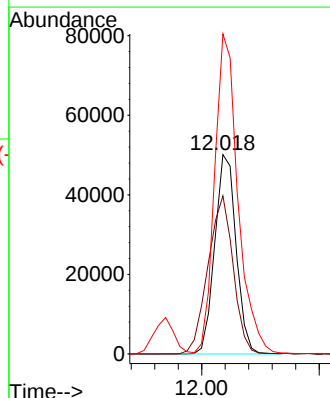
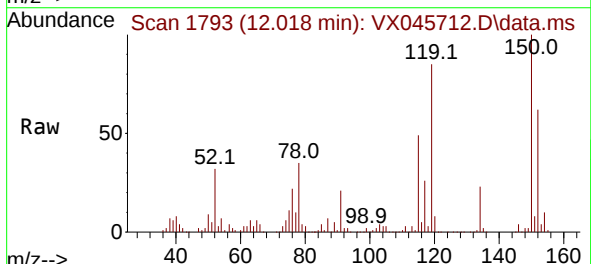
RT: 12.018 min Scan# 1793

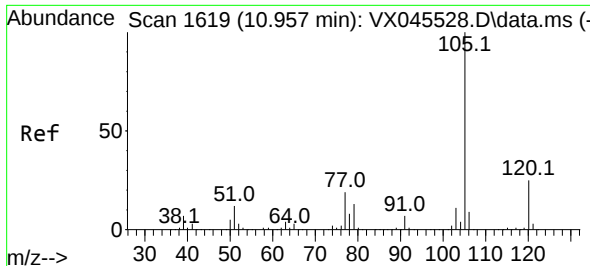
Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Tgt Ion:152	Resp:	63235
Ion Ratio	Lower	Upper
152	100	
115	93.6	46.9 140.7
150	175.1	0.0 349.4





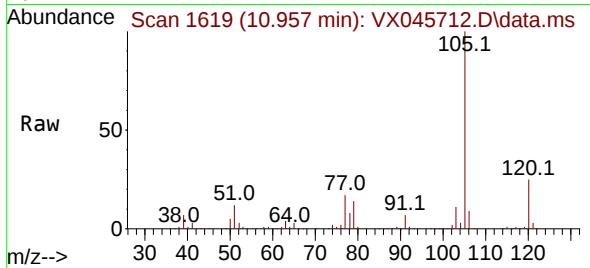
#73
Isopropylbenzene
Concen: 51.190 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



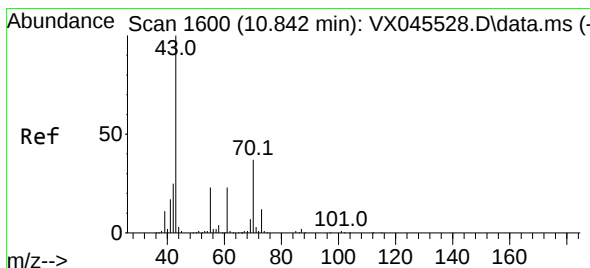
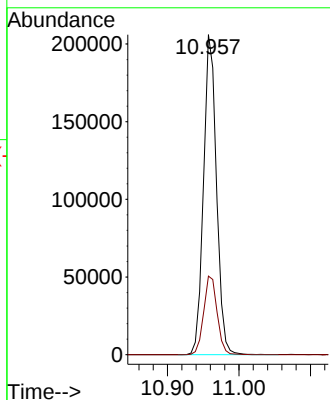
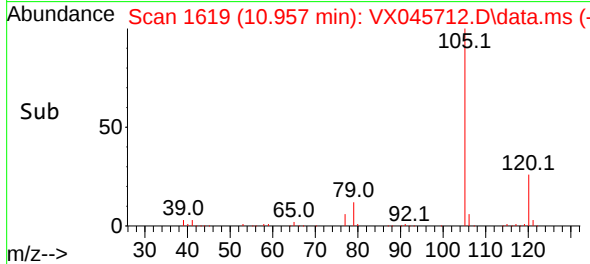
Tgt Ion:105 Resp: 259289
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

Manual Integrations

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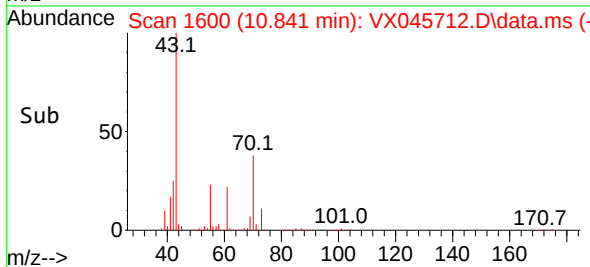
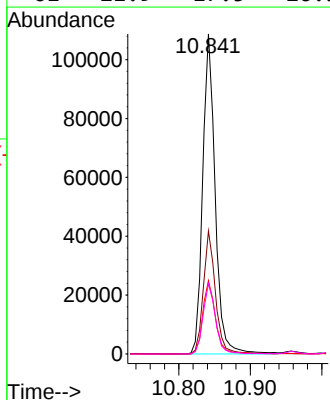
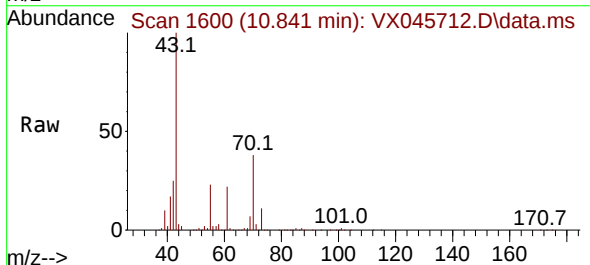
Reviewed By :John Carlone 04/11/2025

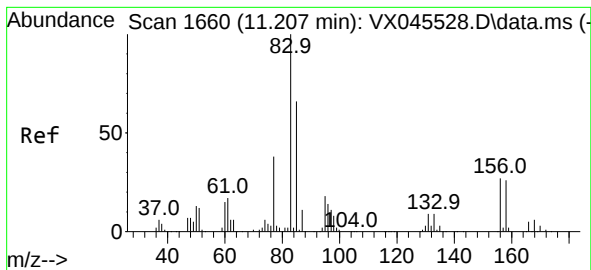
Supervised By :Mahesh Dadoda 04/11/2025



#74
N-ethyl acetate
Concen: 54.422 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion: 43 Resp: 131860
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 23.4 18.3 27.5
61 21.9 17.5 26.3





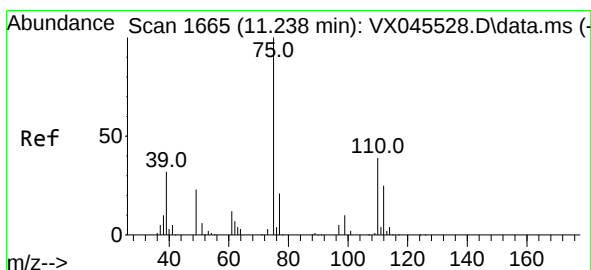
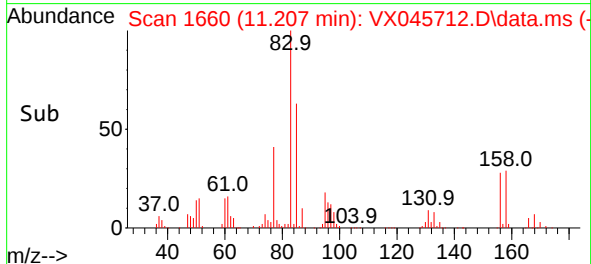
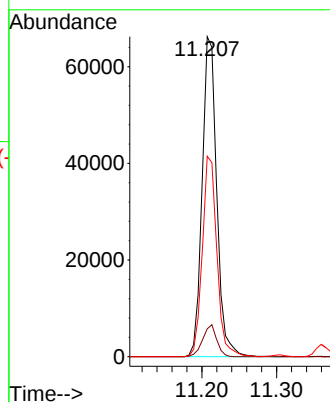
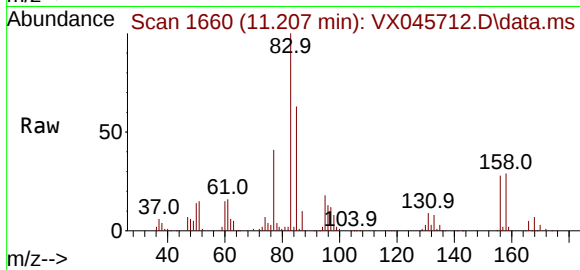
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.364 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 89614
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.1
 85 62.6 32.4 97.2

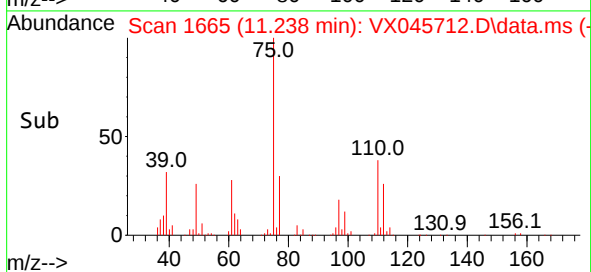
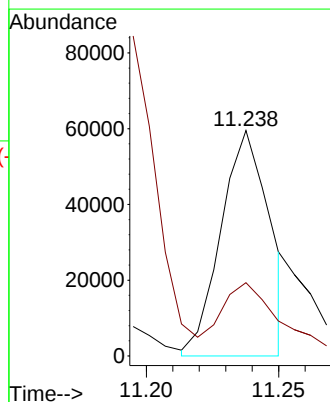
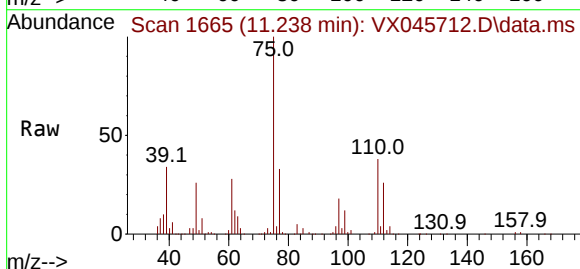
Manual Integrations
 APPROVED

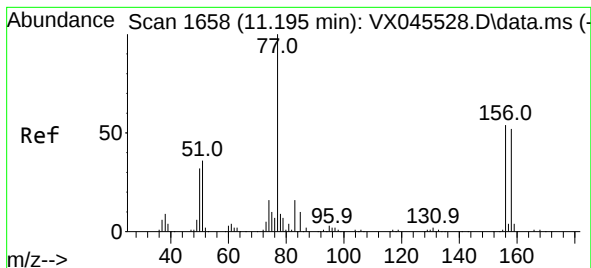
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#76
 1,2,3-Trichloropropane
 Concen: 49.264 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

Tgt Ion: 75 Resp: 75987
 Ion Ratio Lower Upper
 75 100
 77 40.6 20.0 59.9





#77

Bromobenzene

Concen: 50.610 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

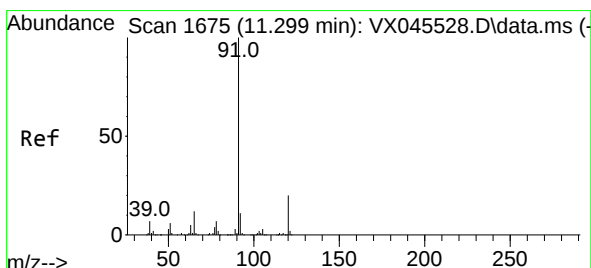
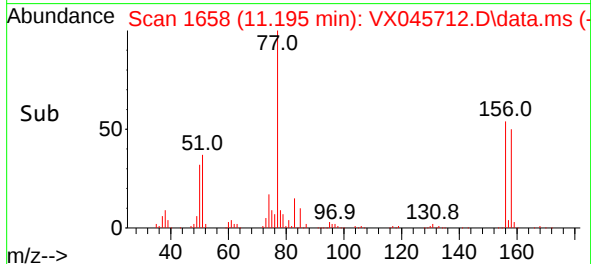
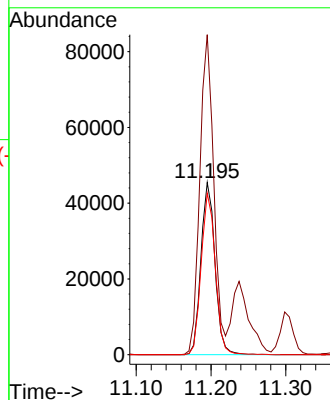
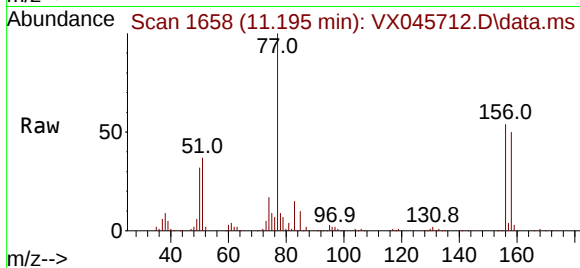
Tgt Ion:	156	Resp:	59230
Ion Ratio	Lower	Upper	
156	100		
77	184.8	92.6	277.8
158	94.7	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#78

n-propylbenzene

Concen: 52.709 ug/l

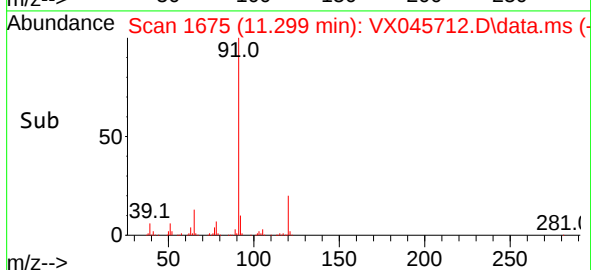
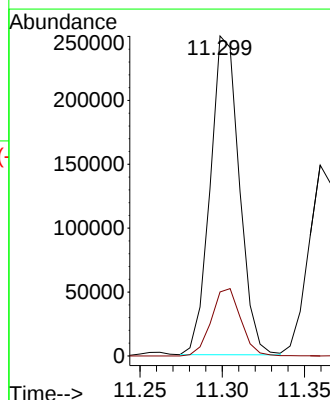
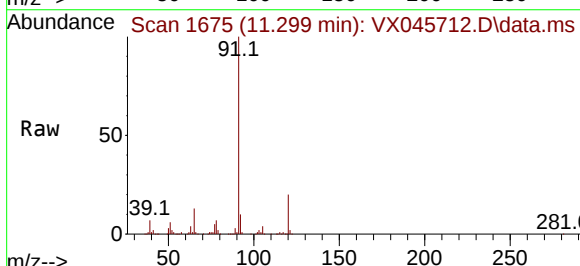
RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045712.D

Acq: 11 Apr 2025 02:49

Tgt Ion:	91	Resp:	307517
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.8	32.3





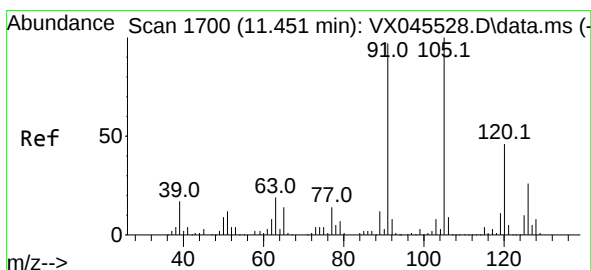
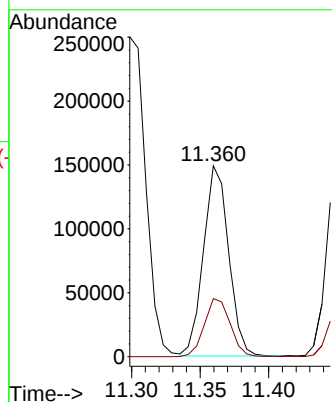
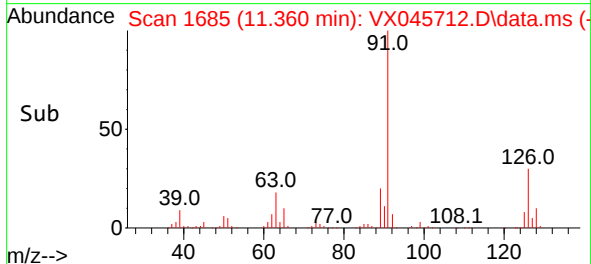
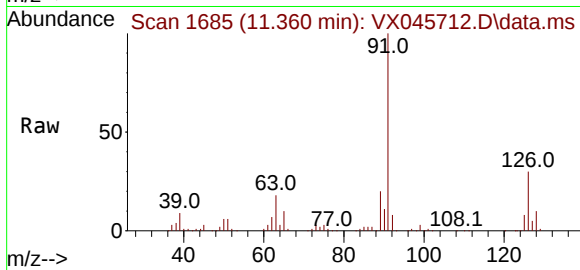
#79
2-Chlorotoluene
Concen: 50.954 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19004
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4

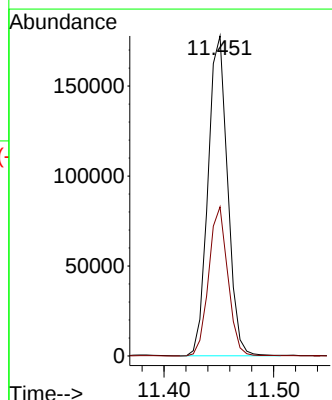
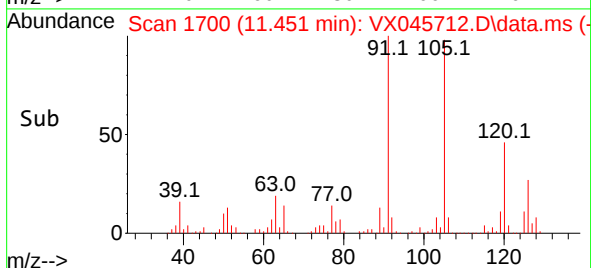
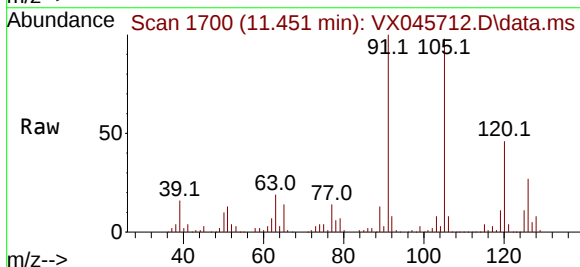
Manual Integrations
APPROVED

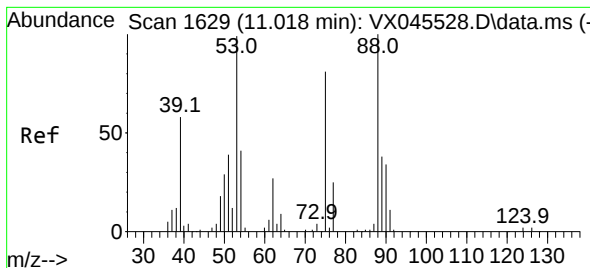
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.610 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Tgt Ion:105 Resp: 220356
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0





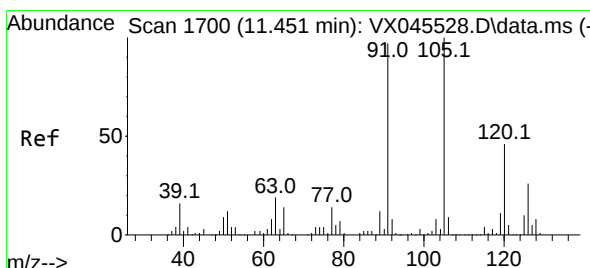
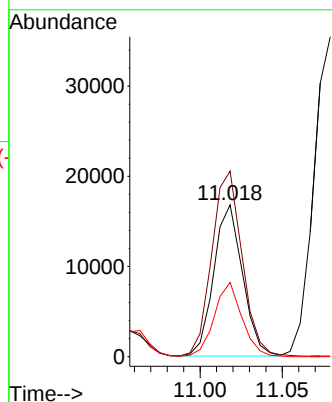
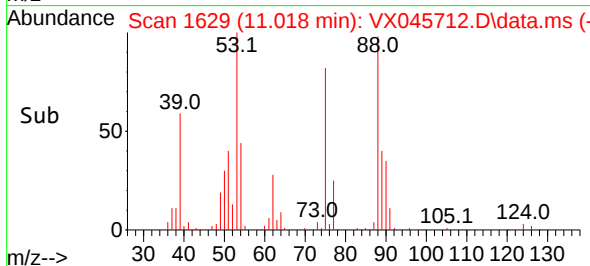
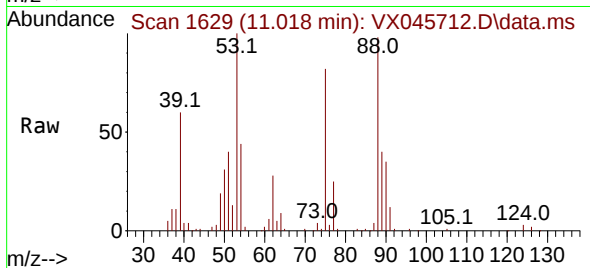
#81
trans-1,4-Dichloro-2-butene
Concen: 45.047 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
53 128.7 101.8 152.6
89 47.5 37.2 55.8

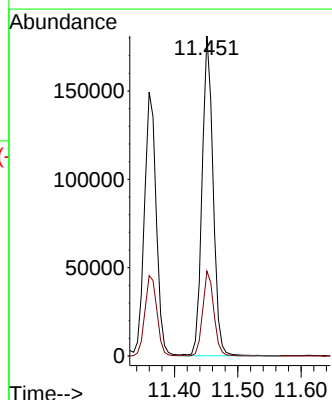
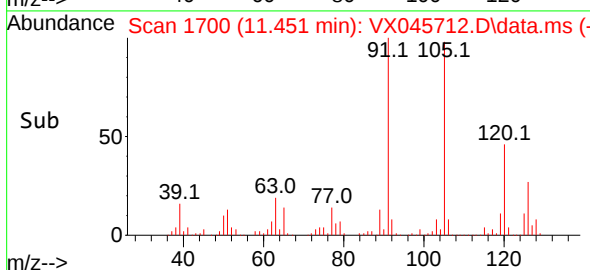
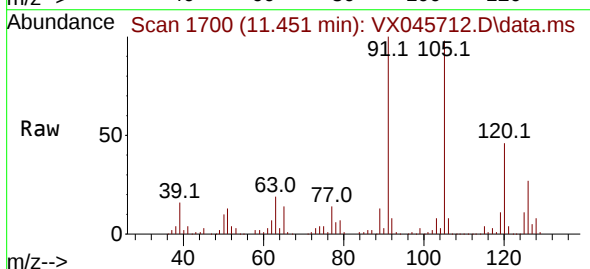
Manual Integrations
APPROVED

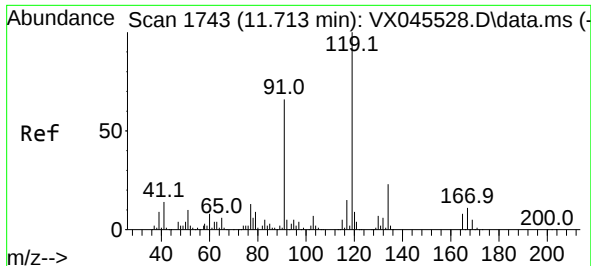
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#82
4-Chlorotoluene
Concen: 52.668 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

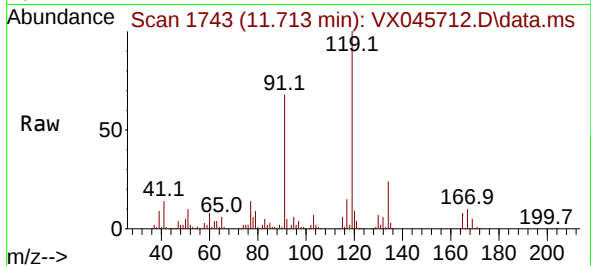
Tgt Ion: 91 Resp: 219024
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83
tert-Butylbenzene
Concen: 52.105 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

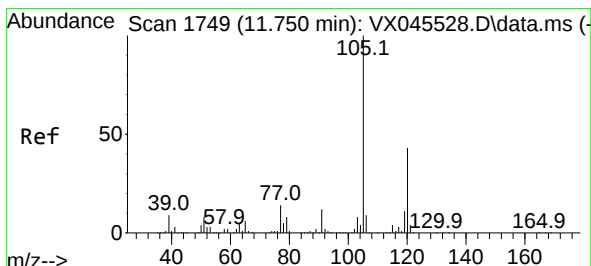
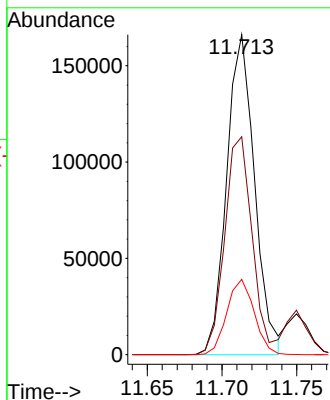
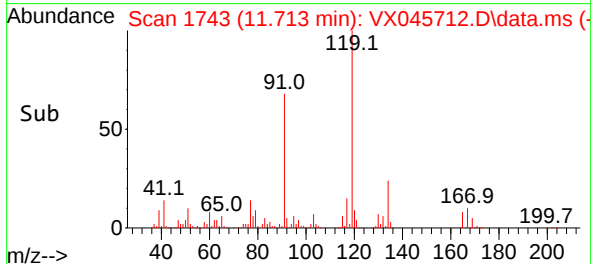
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



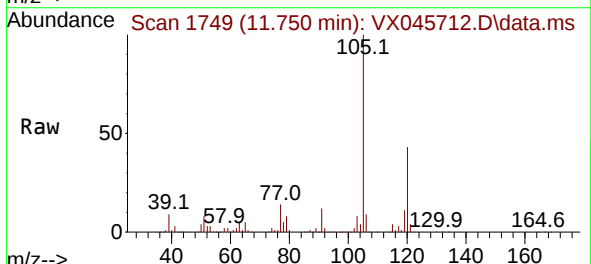
Tgt Ion:119 Resp: 216060
Ion Ratio Lower Upper
119 100
91 66.2 32.4 97.2
134 23.1 11.5 34.5

Manual Integrations
APPROVED

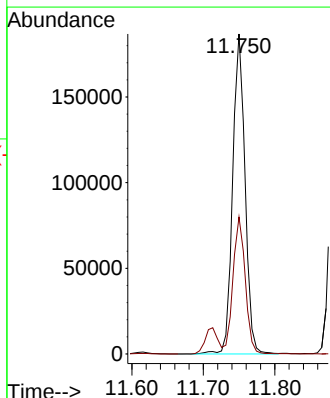
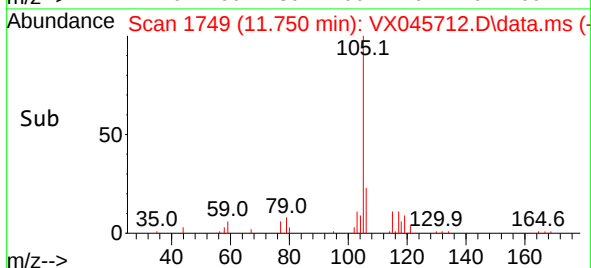
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

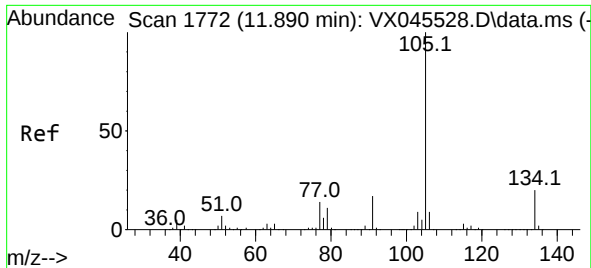


#84
1,2,4-Trimethylbenzene
Concen: 53.309 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



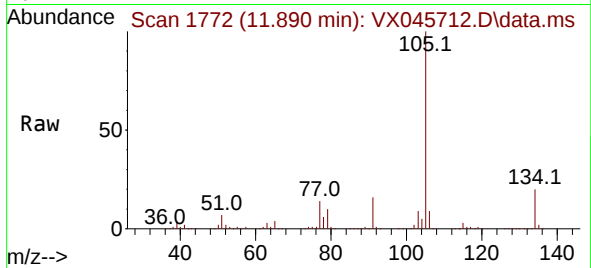
Tgt Ion:105 Resp: 224105
Ion Ratio Lower Upper
105 100
120 42.6 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 53.568 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49

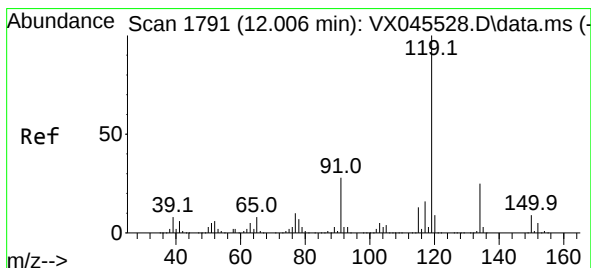
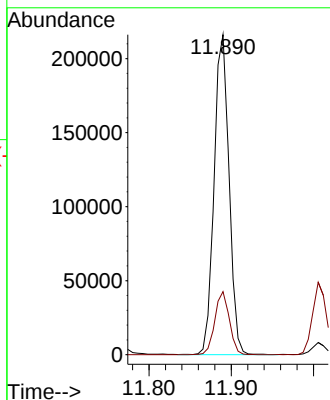
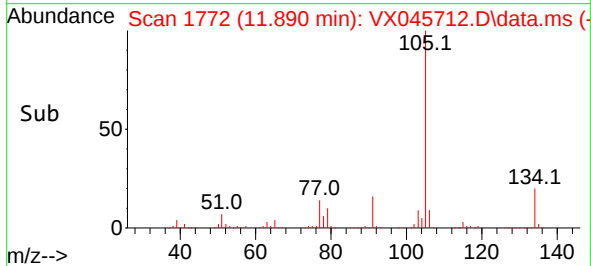
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



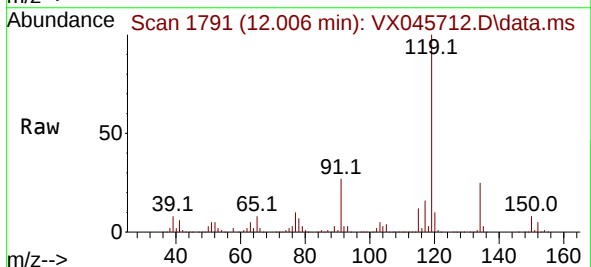
Tgt Ion:105 Resp: 272832
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

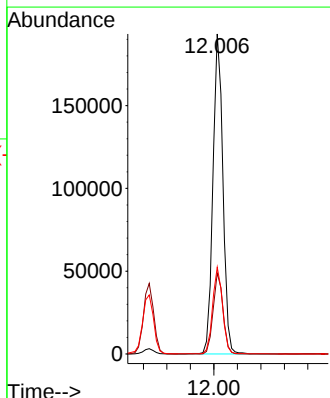
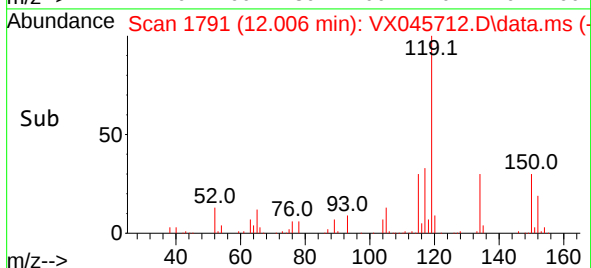
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#86
 p-Isopropyltoluene
 Concen: 54.003 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045712.D
 Acq: 11 Apr 2025 02:49



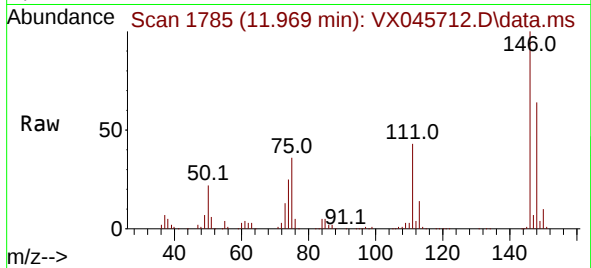
Tgt Ion:119 Resp: 226756
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.0 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 51.186 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

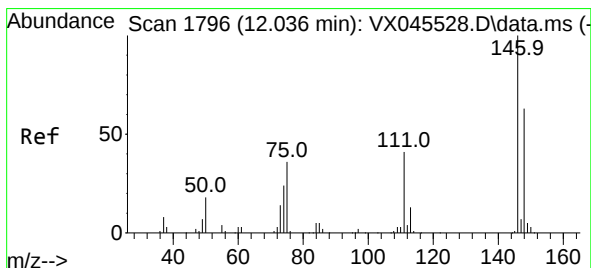
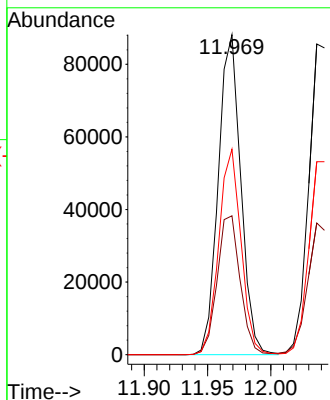
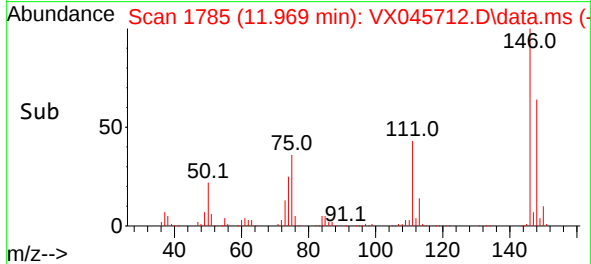
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



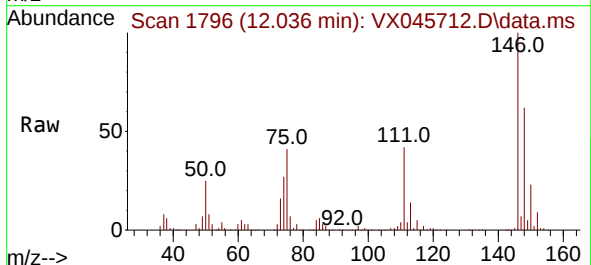
Tgt Ion:146 Resp: 109044
Ion Ratio Lower Upper
146 100
111 44.5 22.2 66.6
148 63.4 31.9 95.7

Manual Integrations
APPROVED

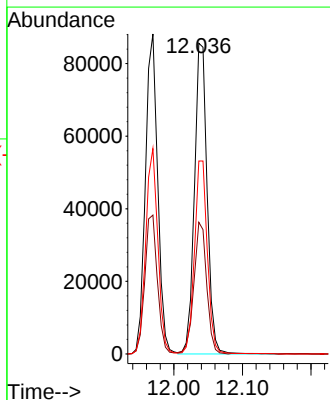
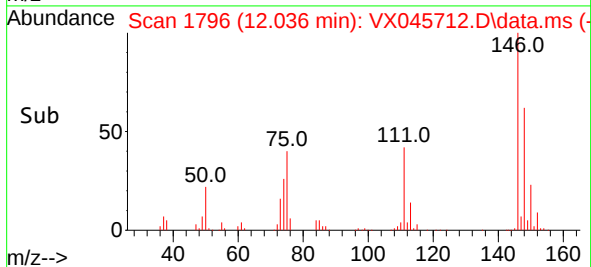
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

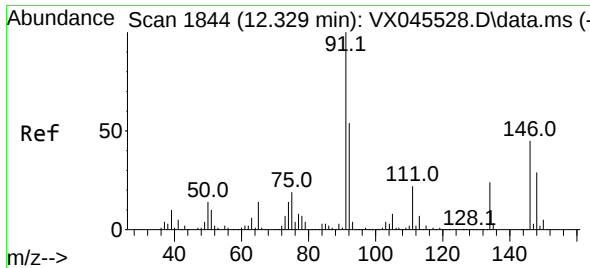


#88
1,4-Dichlorobenzene
Concen: 51.210 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



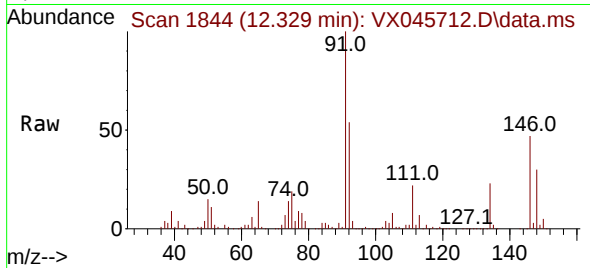
Tgt Ion:146 Resp: 110601
Ion Ratio Lower Upper
146 100
111 42.8 20.9 62.8
148 63.2 31.5 94.5





#89
n-Butylbenzene
Concen: 54.802 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

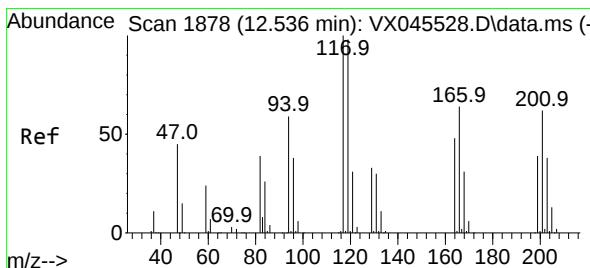
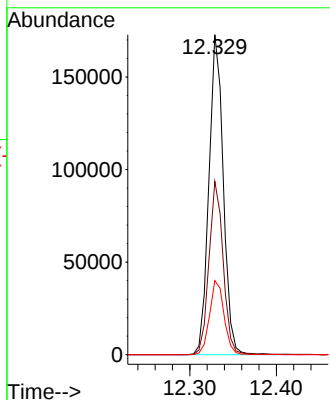
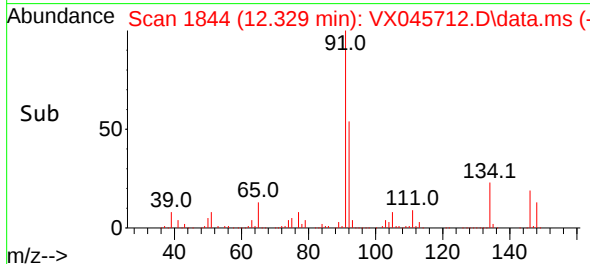
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 199544
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.4 11.9 35.7

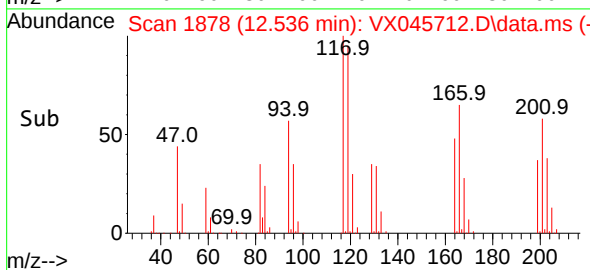
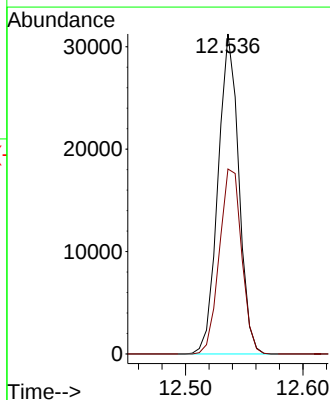
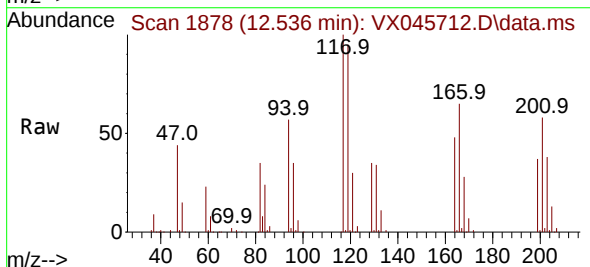
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#90
Hexachloroethane
Concen: 53.199 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

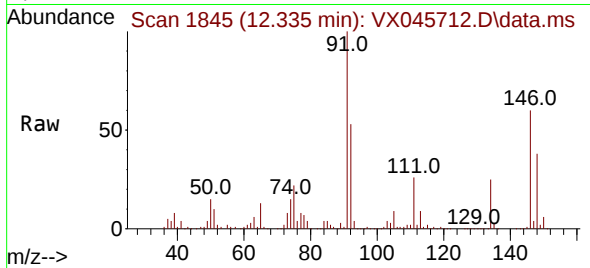
Tgt Ion:117 Resp: 38390
Ion Ratio Lower Upper
117 100
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 52.801 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

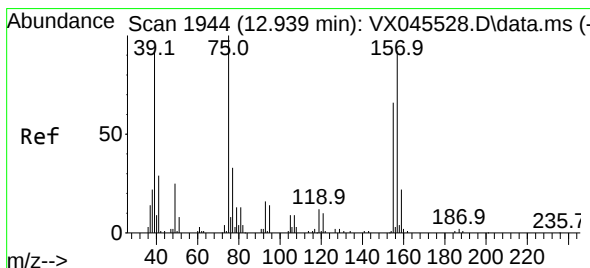
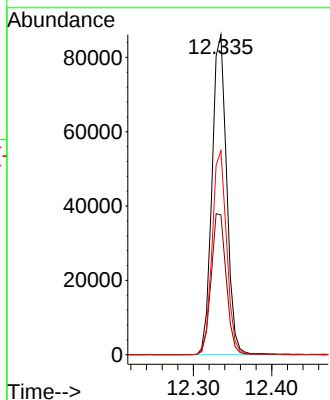
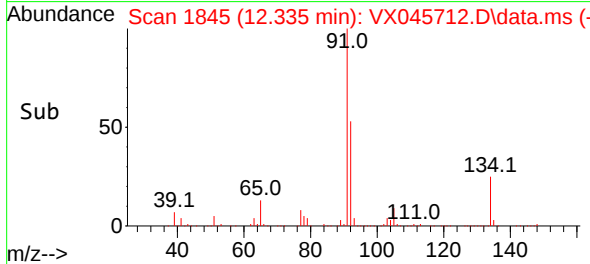
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



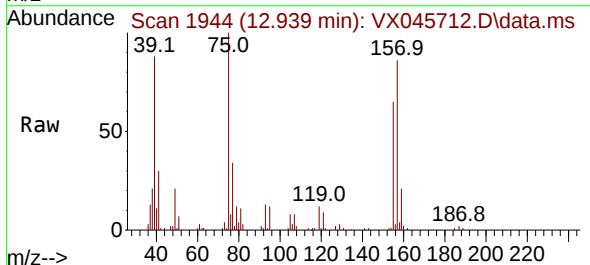
Tgt Ion:146 Resp: 11183
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 63.2 31.9 95.5

Manual Integrations
APPROVED

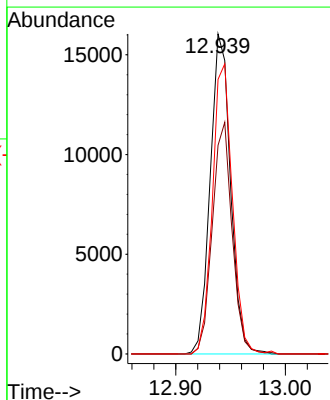
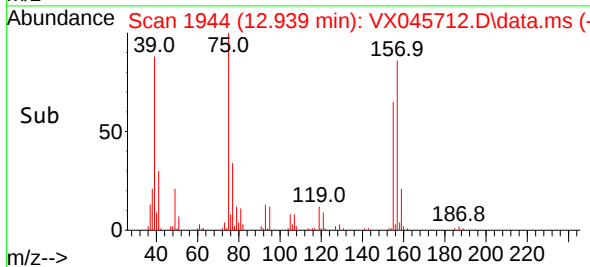
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

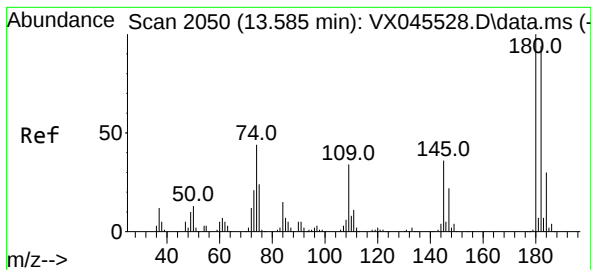


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.681 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



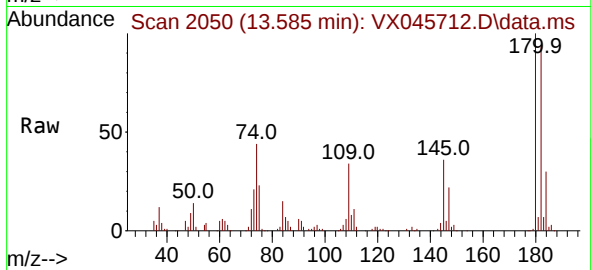
Tgt Ion: 75 Resp: 20720
Ion Ratio Lower Upper
75 100
155 70.5 34.9 104.7
157 89.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 54.589 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

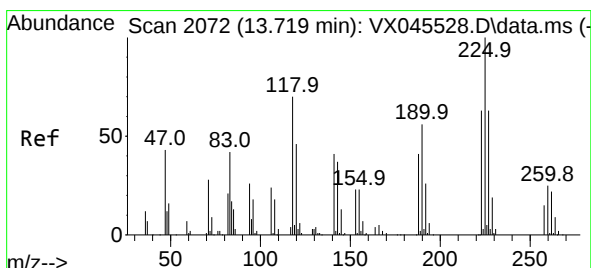
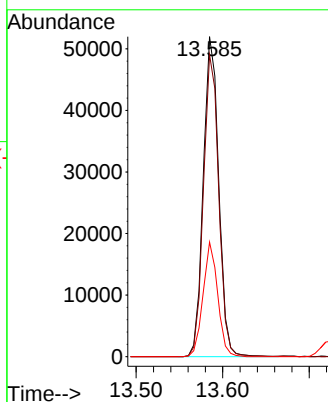
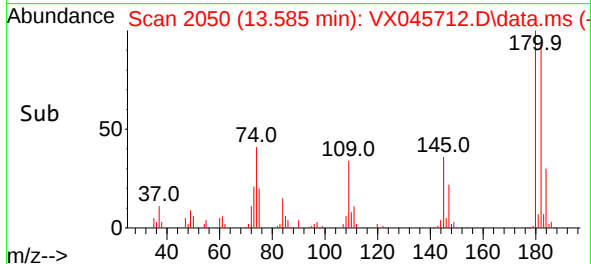
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



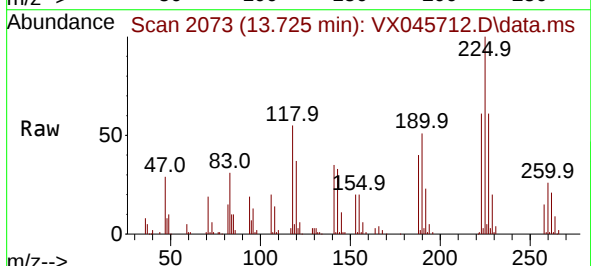
Tgt Ion:180 Resp: 64358
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 34.0 17.9 53.8

Manual Integrations
APPROVED

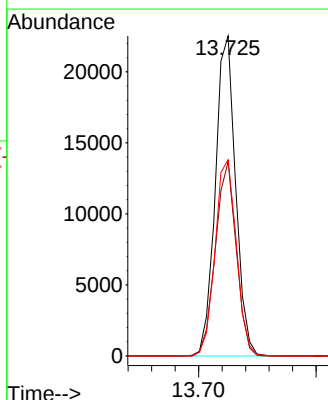
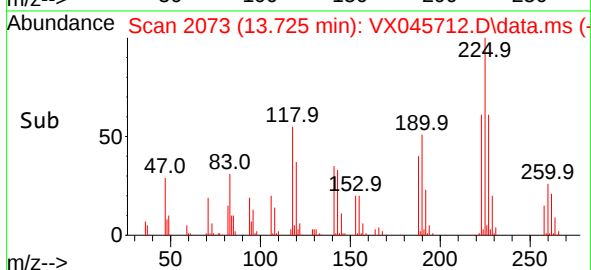
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

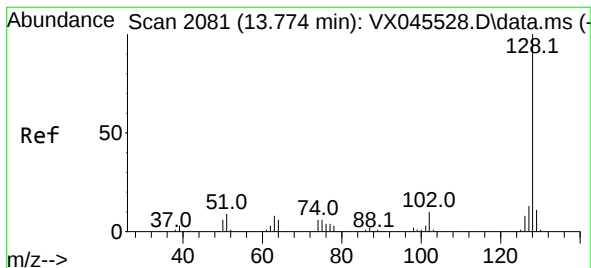


#94
Hexachlorobutadiene
Concen: 53.166 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



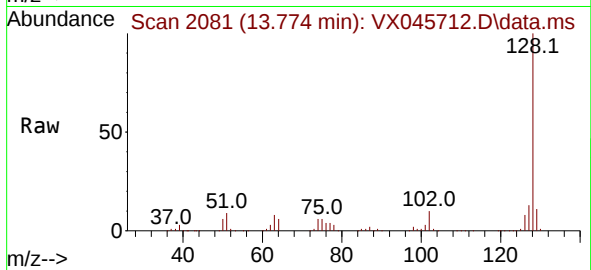
Tgt Ion:225 Resp: 27010
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.3
227 64.6 32.2 96.6





#95
Naphthalene
Concen: 53.960 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49

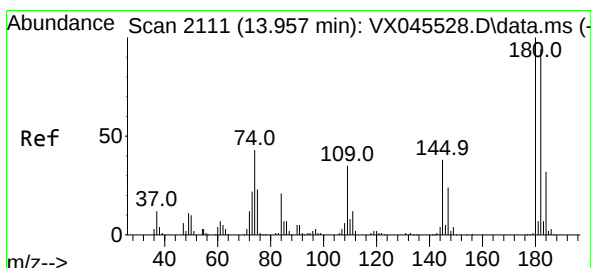
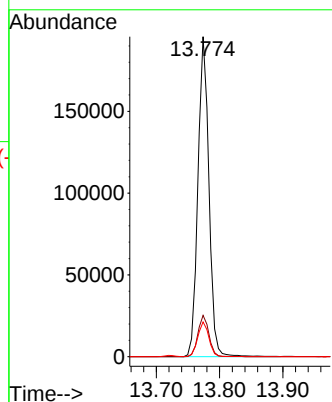
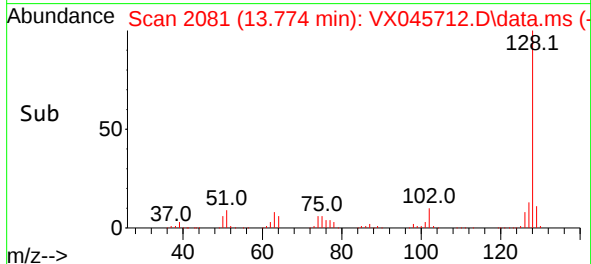
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



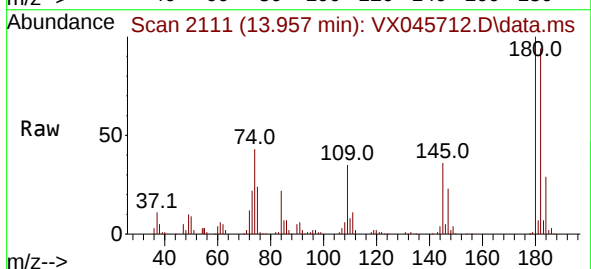
Tgt Ion:128 Resp: 23674
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.488 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045712.D
Acq: 11 Apr 2025 02:49



Tgt Ion:180 Resp: 67267
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 35.6 18.2 54.6

