

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045591.D
 Acq On : 04 Apr 2025 12:04
 Operator : JC/MD
 Sample : Q1711-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MS

Quant Time: Apr 04 23:11:21 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 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82614	53.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.460%			
35) Dibromofluoromethane	5.379	113	55683	50.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	194235	50.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	11.079	95	73975	53.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	67133	52.891	ug/l	98
3) Chloromethane	1.301	50	67765	51.969	ug/l	97
4) Vinyl Chloride	1.374	62	63807	53.470	ug/l	98
5) Bromomethane	1.593	94	28156	49.761	ug/l	99
6) Chloroethane	1.660	64	32023	50.579	ug/l	100
7) Trichlorofluoromethane	1.868	101	87557	49.204	ug/l	97
8) Diethyl Ether	2.130	74	30881	51.690	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	51983	49.853	ug/l	98
10) Methyl Iodide	2.441	142	65918	50.682	ug/l	98
11) Tert butyl alcohol	2.989	59	54825	262.838	ug/l	100
12) 1,1-Dichloroethene	2.307	96	51450	50.496	ug/l	99
13) Acrolein	2.233	56	86595	301.472	ug/l	99
14) Allyl chloride	2.654	41	101301	52.400	ug/l	99
15) Acrylonitrile	3.063	53	169829	257.927	ug/l	100
16) Acetone	2.386	43	165210	259.222	ug/l	99
17) Carbon Disulfide	2.502	76	123194	48.955	ug/l	99
18) Methyl Acetate	2.703	43	78724	53.650	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	187482	52.601	ug/l	99
20) Methylene Chloride	2.782	84	60251	50.497	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	52111	50.062	ug/l	99
22) Diisopropyl ether	3.764	45	197510	51.865	ug/l	97
23) Vinyl Acetate	3.721	43	901097	273.871	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110230	51.183	ug/l	100
25) 2-Butanone	4.556	43	246533	264.259	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78555	56.455	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	133119	104.968	ug/l	96
28) Bromochloromethane	4.891	49	52993	50.918	ug/l	97
29) Tetrahydrofuran	5.001	42	162118	268.033	ug/l	99
30) Chloroform	5.087	83	113174	51.070	ug/l	97
31) Cyclohexane	5.465	56	93472	49.094	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	95681	51.026	ug/l	99
36) 1,1-Dichloropropene	5.684	75	73004	49.362	ug/l	98
37) Ethyl Acetate	4.715	43	92666	49.720	ug/l	99
38) Carbon Tetrachloride	5.666	117	80883	50.603	ug/l	95
39) Methylcyclohexane	7.379	83	88776	48.969	ug/l	97
40) Benzene	6.031	78	223833	49.555	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52898	53.792	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95516	51.199	ug/l	100
43) Isopropyl Acetate	6.342	43	147747	52.304	ug/l	99
44) Trichloroethene	7.117	130	79074	73.655	ug/l	97
45) 1,2-Dichloropropane	7.428	63	56617	50.237	ug/l	98
46) Dibromomethane	7.574	93	43998	50.857	ug/l	98
47) Bromodichloromethane	7.818	83	86485	50.058	ug/l	97
48) Methyl methacrylate	7.690	41	77910	53.418	ug/l	98
49) 1,4-Dioxane	7.659	88	27082	1026.301	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	500710	267.387	ug/l	100
52) Toluene	8.714	92	134349	49.155	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78488	47.367	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87327	53.787	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	55207	50.689	ug/l	96
56) Ethyl methacrylate	9.116	69	91670	54.386	ug/l	99
57) 1,3-Dichloropropane	9.305	76	96618	50.944	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	39463	46.282	ug/l	100
59) 2-Hexanone	9.427	43	373976	269.685	ug/l	99
60) Dibromochloromethane	9.519	129	62616	52.736	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57515	52.167	ug/l	97
64) Tetrachloroethene	9.269	164	44500	46.109	ug/l	97
65) Chlorobenzene	10.073	112	145232	49.720	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50931	50.223	ug/l	100
67) Ethyl Benzene	10.189	91	264983	50.652	ug/l	100
68) m/p-Xylenes	10.299	106	193193	101.535	ug/l	100
69) o-Xylene	10.640	106	95904	51.166	ug/l	98
70) Styrene	10.653	104	163226	52.762	ug/l	99
71) Bromoform	10.799	173	40448	53.418	ug/l #	97
73) Isopropylbenzene	10.957	105	251863	48.431	ug/l	100
74) N-amyl acetate	10.842	43	130118	52.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89186	48.819	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76754m	48.466	ug/l	
77) Bromobenzene	11.195	156	57978	48.251	ug/l	100
78) n-propylbenzene	11.305	91	295835	49.387	ug/l	100
79) 2-Chlorotoluene	11.360	91	185225	48.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	213377	49.619	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22958	49.201	ug/l	96
82) 4-Chlorotoluene	11.451	91	212300	49.723	ug/l	100
83) tert-Butylbenzene	11.713	119	211417	49.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	214201	49.627	ug/l	99
85) sec-Butylbenzene	11.890	105	263221	50.337	ug/l	99
86) p-Isopropyltoluene	12.006	119	215878	50.074	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	105426	48.200	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	106695	48.117	ug/l	99
89) n-Butylbenzene	12.329	91	193978	51.887	ug/l	99
90) Hexachloroethane	12.536	117	37819	51.044	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	105351	48.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20401	53.397	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	59595	49.234	ug/l	100
94) Hexachlorobutadiene	13.725	225	25397	48.691	ug/l	98
95) Naphthalene	13.774	128	228969	50.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62422	49.248	ug/l	99

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QLast Update : Wed Apr 02 03:11:43 2025
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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

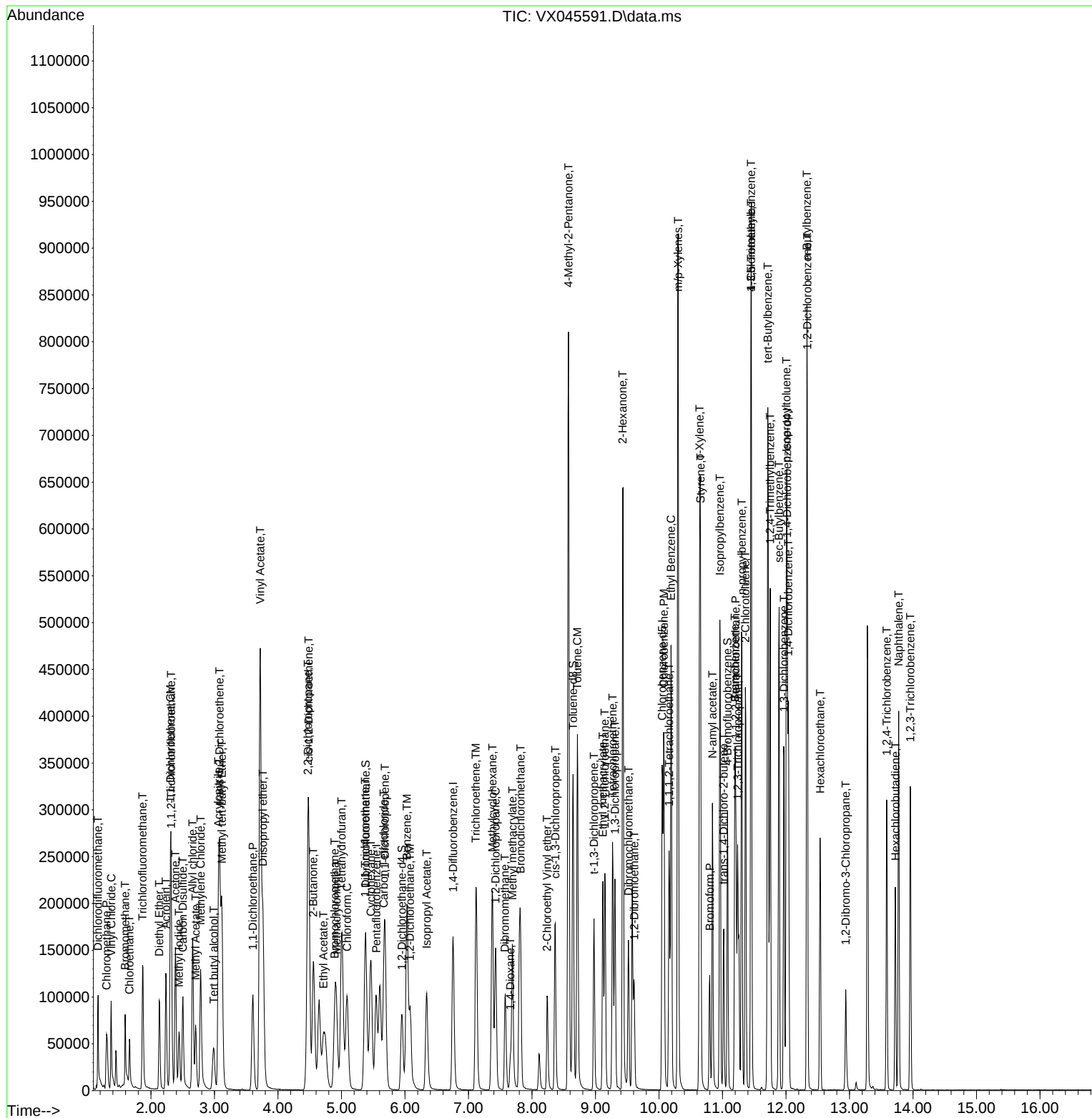
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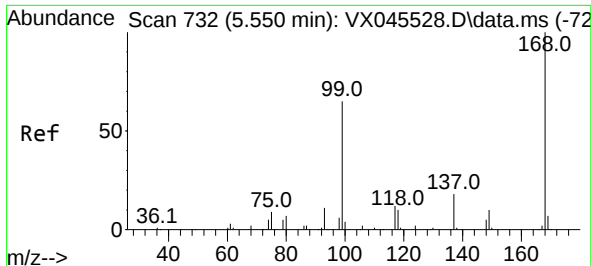
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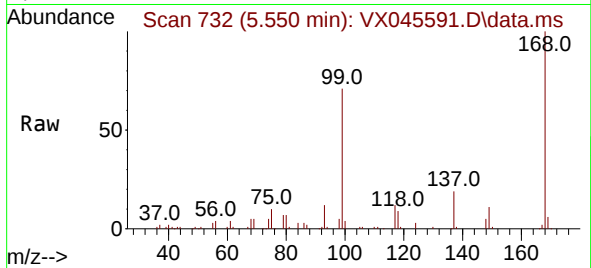
Reviewed By :John Carlone 04/07/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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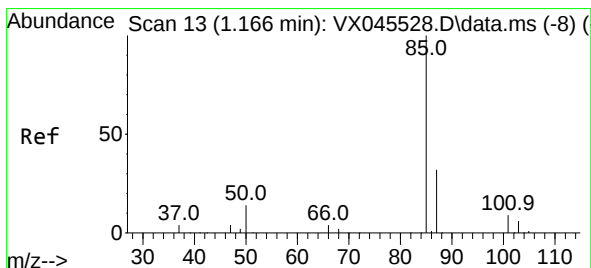
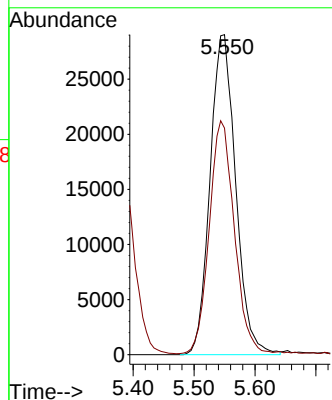
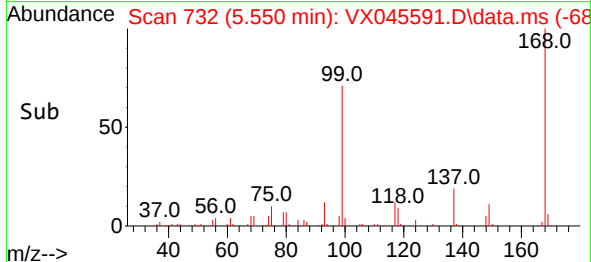
Instrument :
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MW-18B-56-040225MS



Tgt Ion:168 Resp: 84872
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5

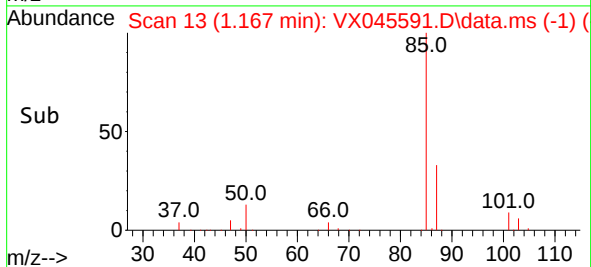
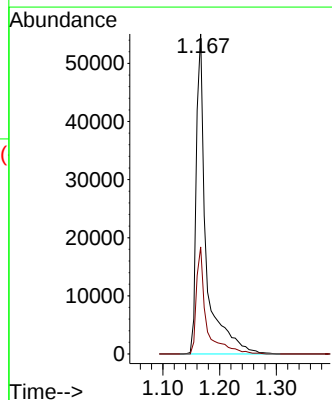
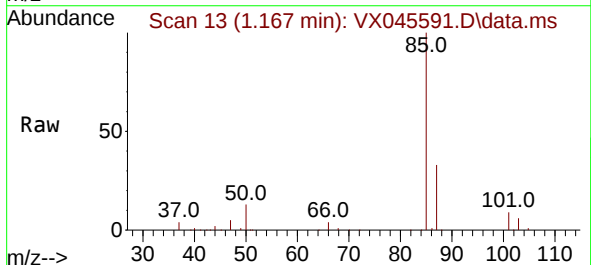
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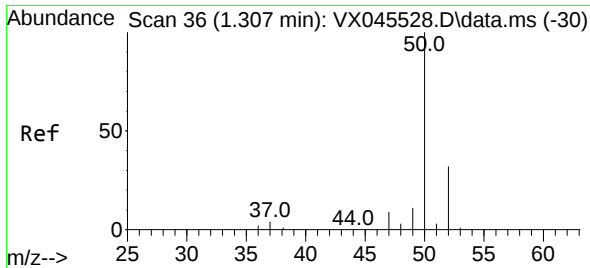
Reviewed By :John Carlone 04/07/2025
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#2
Dichlorodifluoromethane
Concen: 52.891 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 85 Resp: 67133
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2





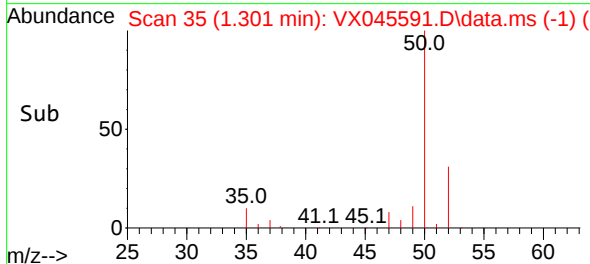
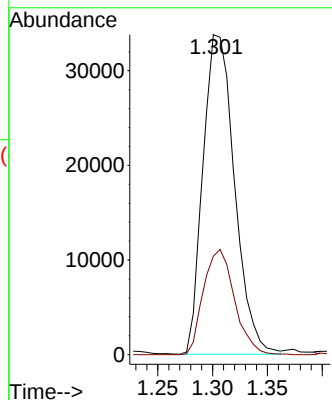
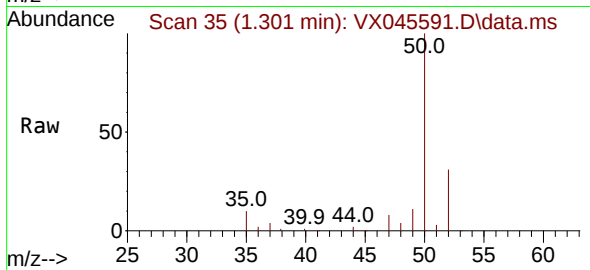
#3
Chloromethane
Concen: 51.969 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

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MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 50 Resp: 6776
Ion Ratio Lower Upper
50 100
52 30.8 25.9 38.9

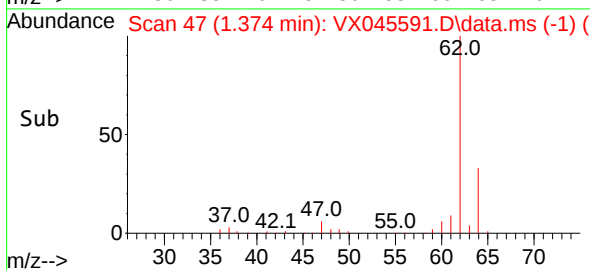
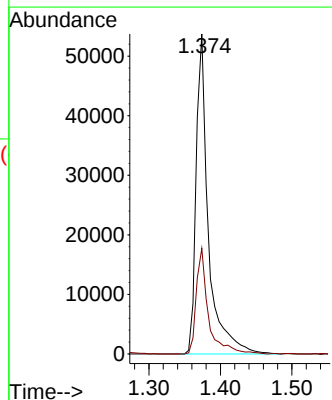
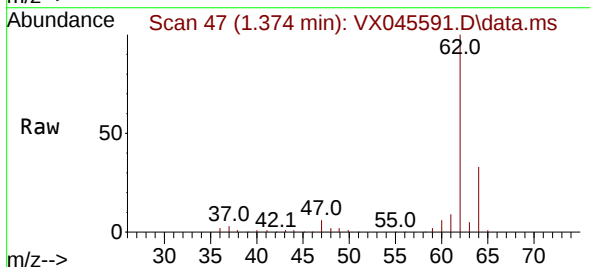
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#4
Vinyl Chloride
Concen: 53.470 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

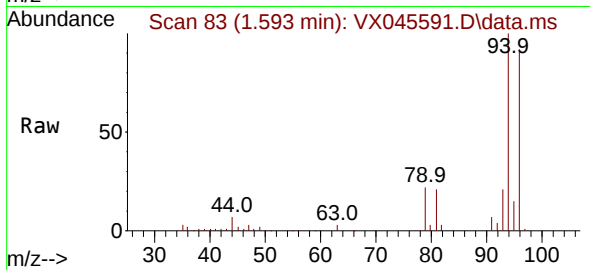
Tgt Ion: 62 Resp: 63807
Ion Ratio Lower Upper
62 100
64 33.0 25.5 38.3





#5
Bromomethane
Concen: 49.761 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

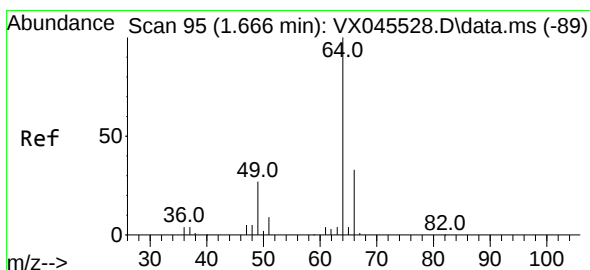
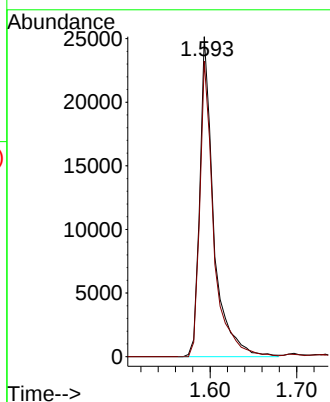
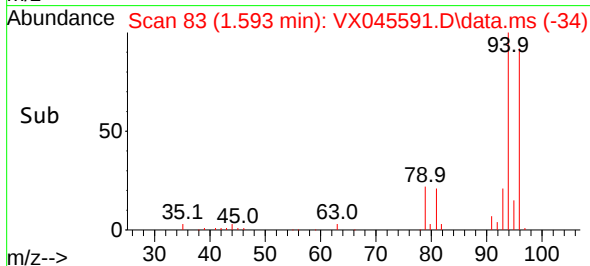
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Tgt Ion: 94 Resp: 28150
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2

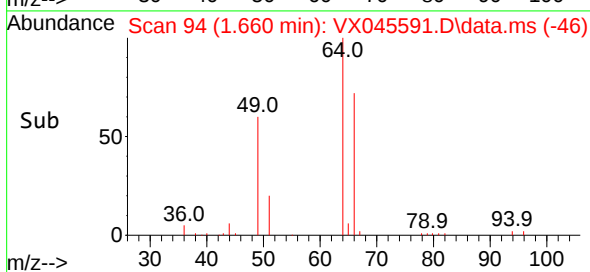
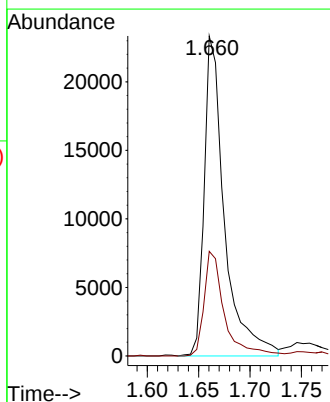
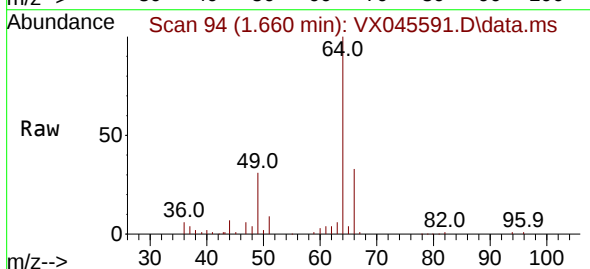
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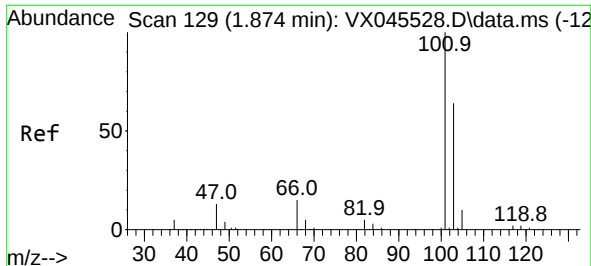
Reviewed By :John Carlone 04/07/2025
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#6
Chloroethane
Concen: 50.579 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045591.D
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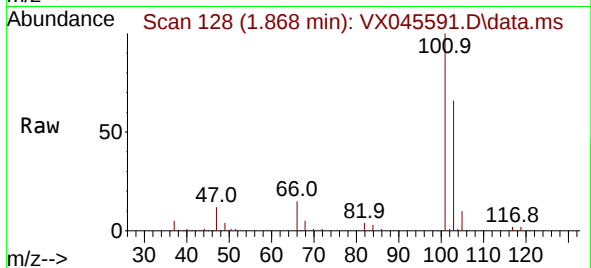
Tgt Ion: 64 Resp: 32023
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.204 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

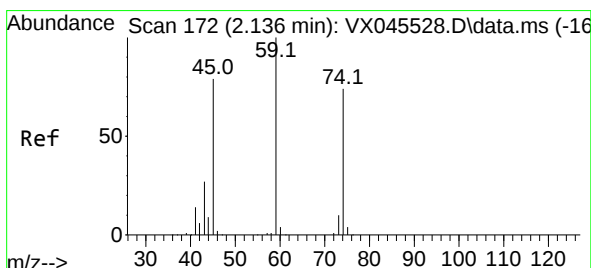
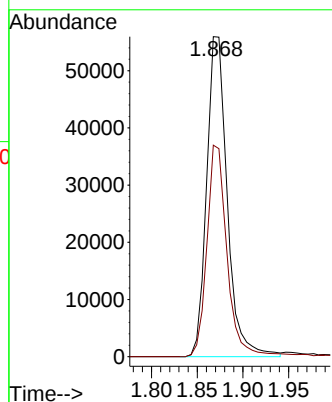
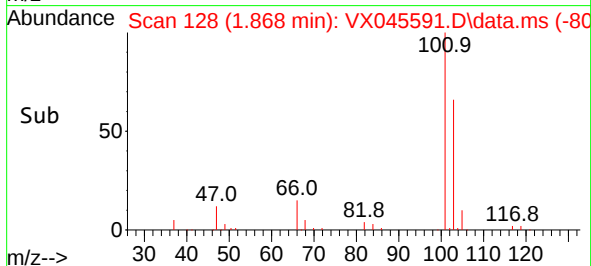
Instrument :
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ClientSampleId :
MW-18B-56-040225MS



Tgt Ion:101 Resp: 8755
Ion Ratio Lower Upper
101 100
103 66.1 51.1 76.7

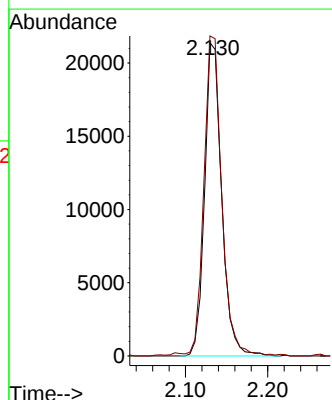
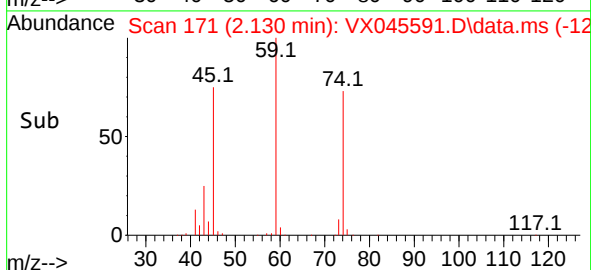
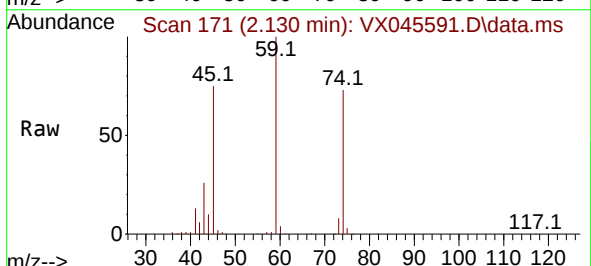
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#8
Diethyl Ether
Concen: 51.690 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 74 Resp: 30881
Ion Ratio Lower Upper
74 100
45 107.4 53.0 159.1





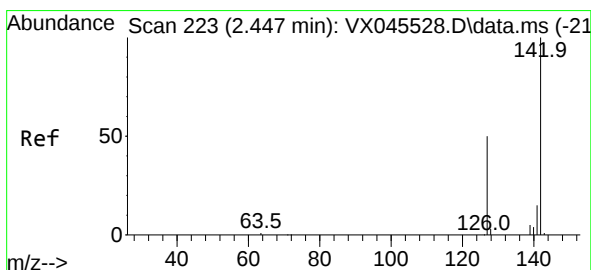
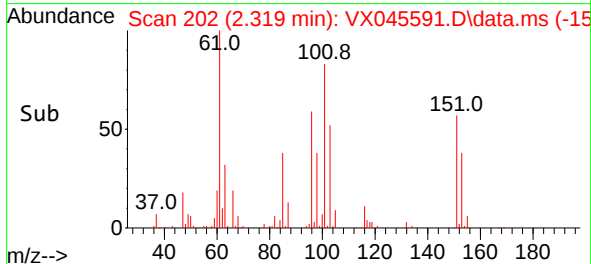
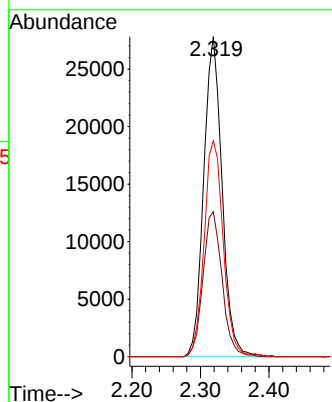
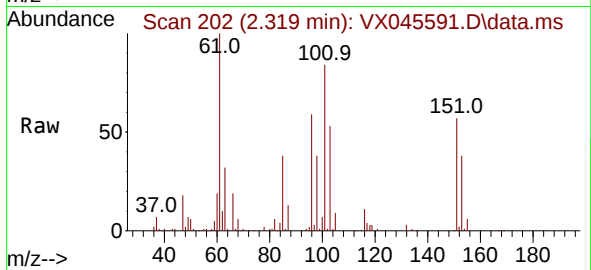
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.853 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion:101 Resp: 5198
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 70.3 57.5 86.3

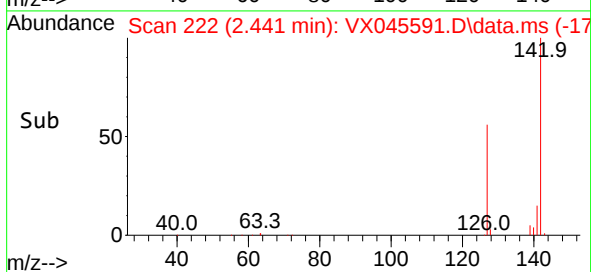
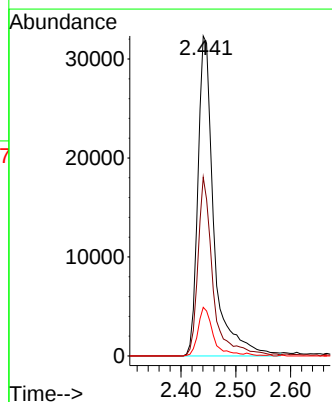
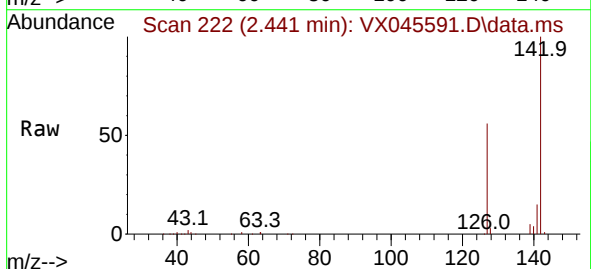
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#10
Methyl Iodide
Concen: 50.682 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

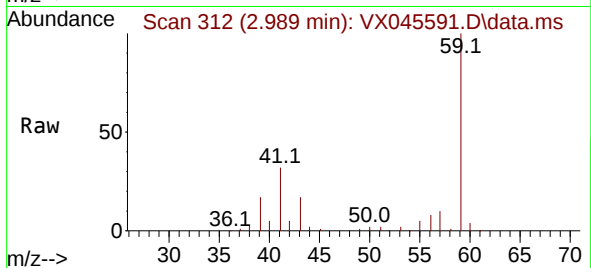
Tgt Ion:142 Resp: 65918
Ion Ratio Lower Upper
142 100
127 52.1 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 262.838 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

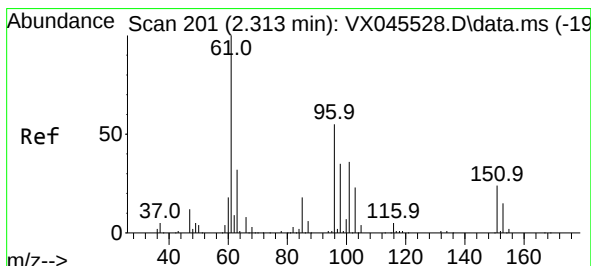
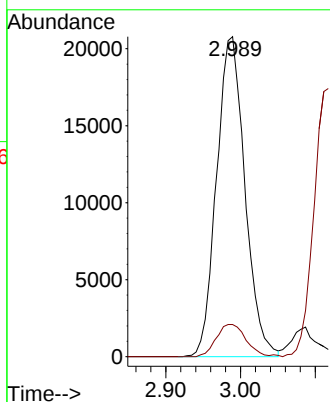
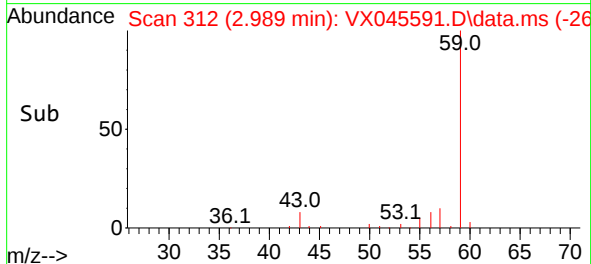
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 59 Resp: 5482
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

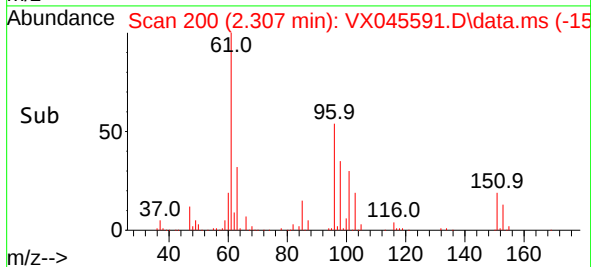
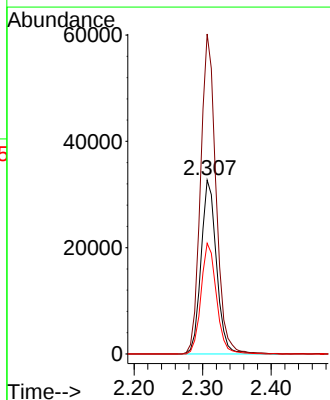
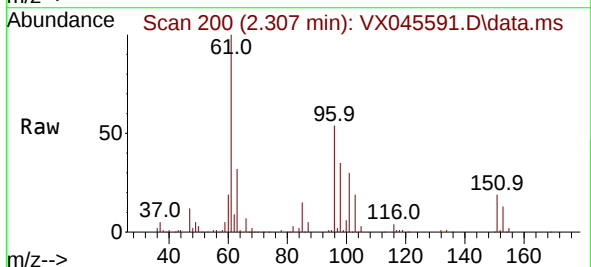
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
1,1-Dichloroethene
Concen: 50.496 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

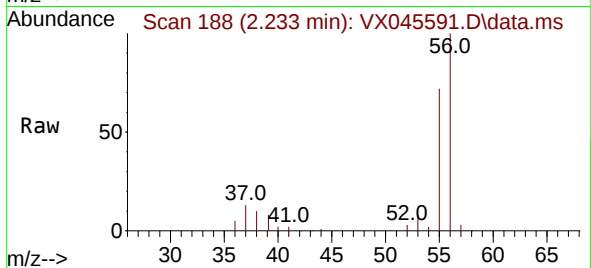
Tgt Ion: 96 Resp: 51450
Ion Ratio Lower Upper
96 100
61 184.0 145.7 218.5
98 63.7 51.6 77.4





#13
Acrolein
Concen: 301.472 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

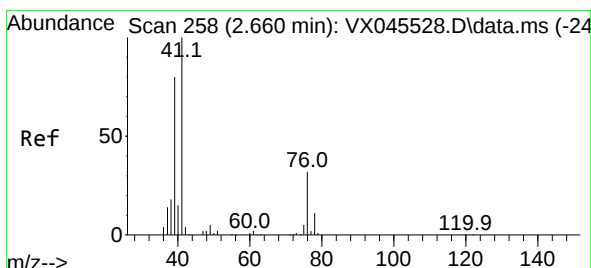
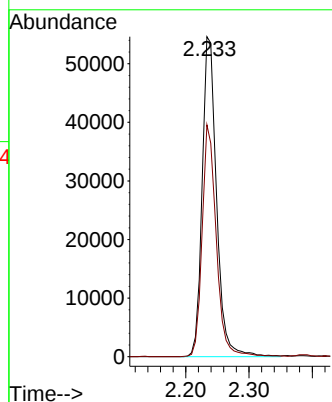
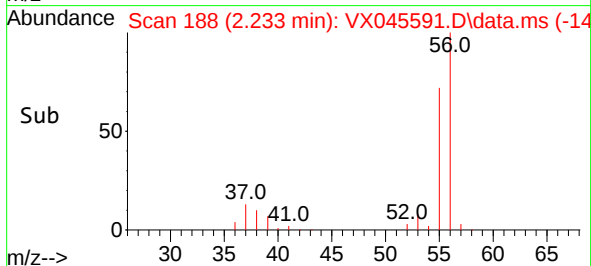
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 56 Resp: 8659
Ion Ratio Lower Upper
56 100
55 71.4 56.2 84.2

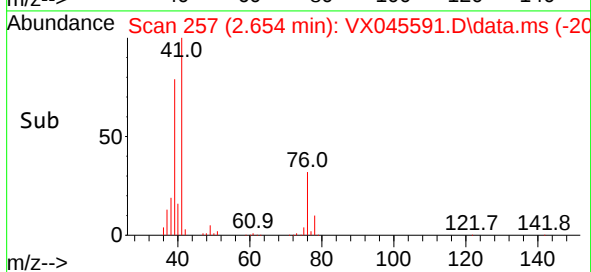
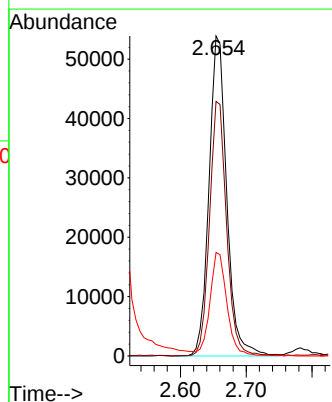
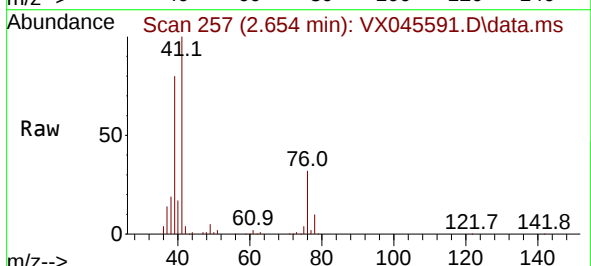
Manual Integrations
APPROVED

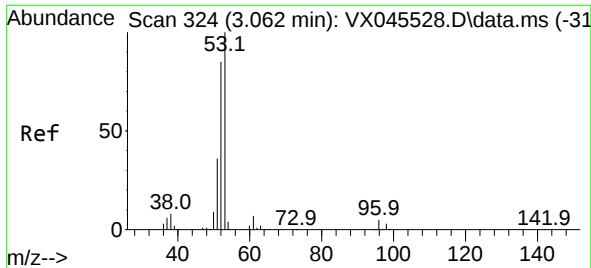
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#14
Allyl chloride
Concen: 52.400 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

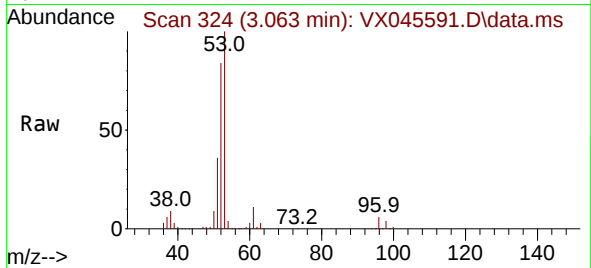
Tgt Ion: 41 Resp: 101301
Ion Ratio Lower Upper
41 100
39 76.7 60.2 90.2
76 30.9 24.6 36.8





#15
Acrylonitrile
Concen: 257.927 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

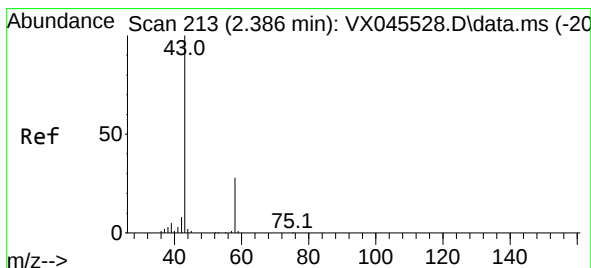
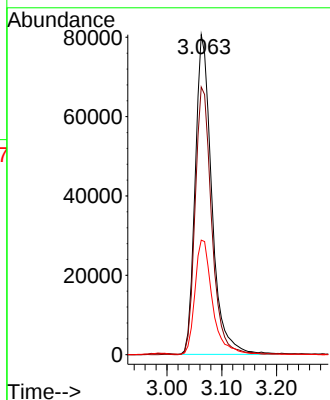
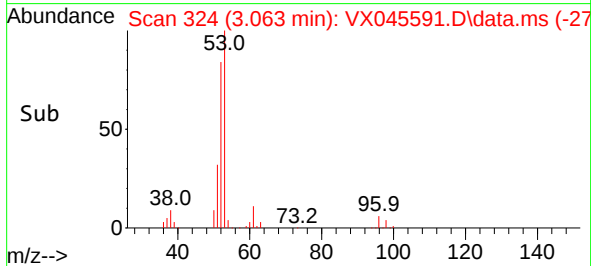
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 53 Resp: 169829
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 37.5 29.9 44.9

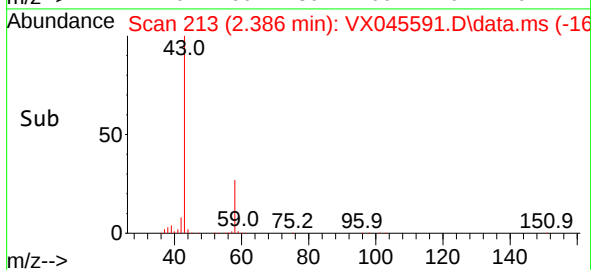
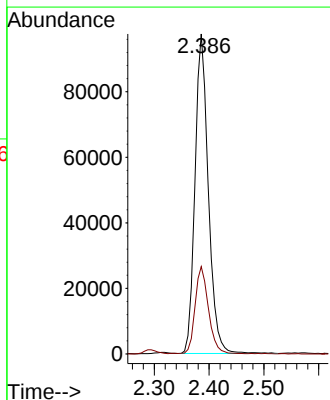
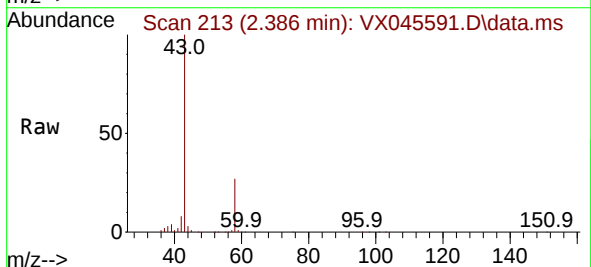
Manual Integrations
APPROVED

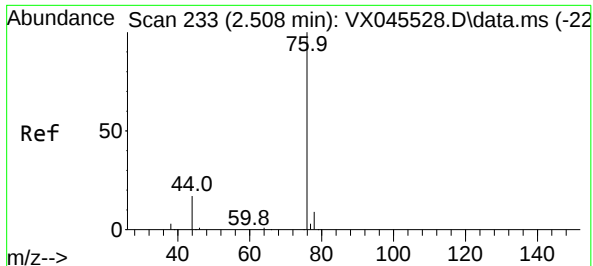
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#16
Acetone
Concen: 259.222 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 43 Resp: 165210
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5





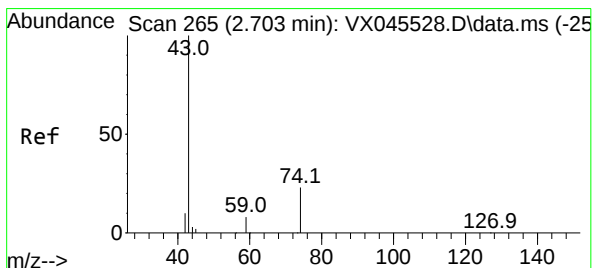
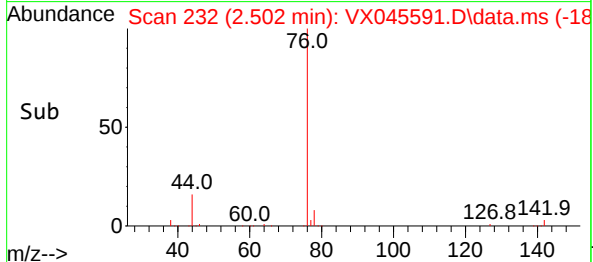
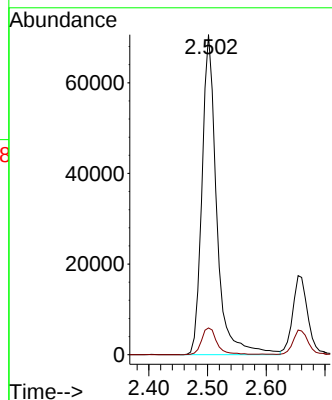
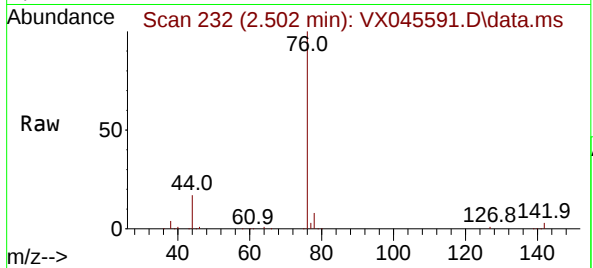
#17
Carbon Disulfide
Concen: 48.955 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 76 Resp: 123194
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

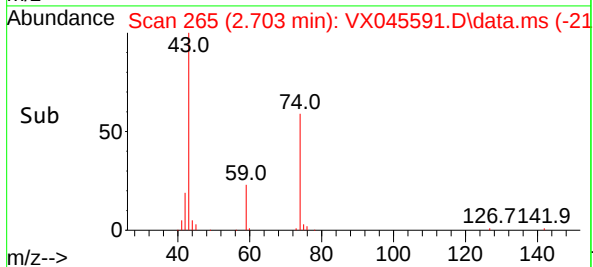
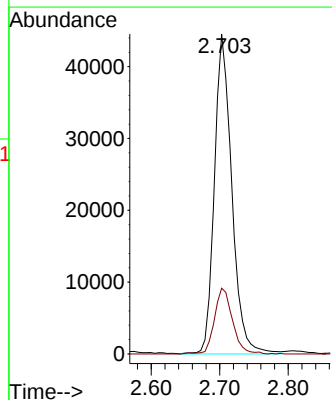
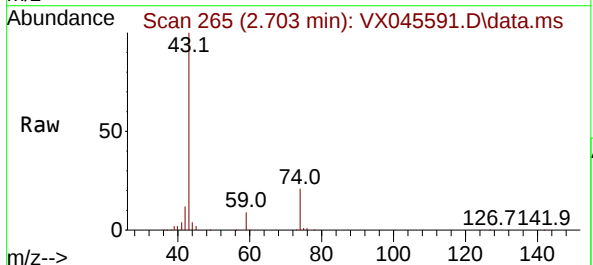
Manual Integrations
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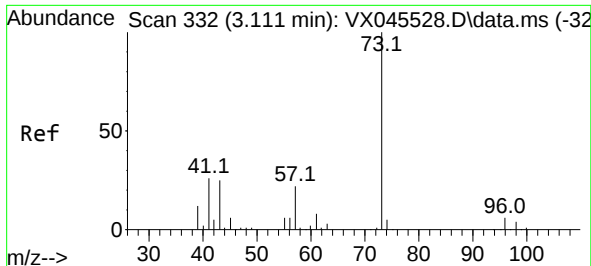
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#18
Methyl Acetate
Concen: 53.650 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 43 Resp: 78724
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3





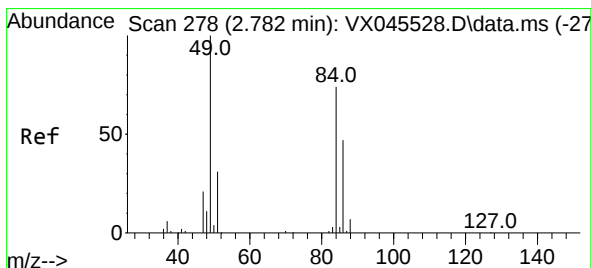
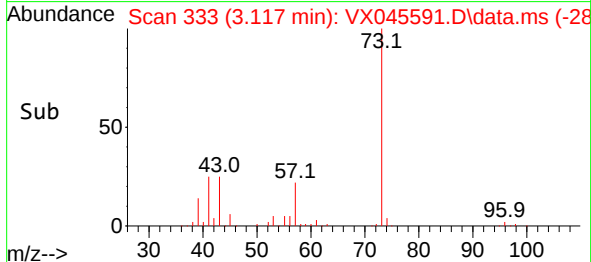
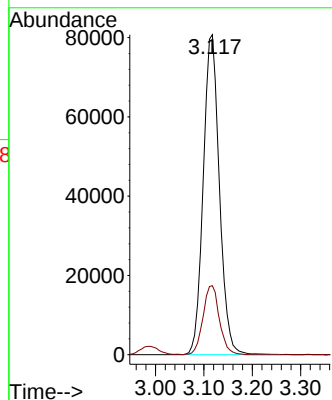
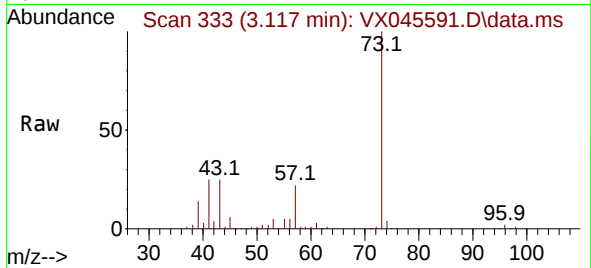
#19
Methyl tert-butyl Ether
Concen: 52.601 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 73 Resp: 18748
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

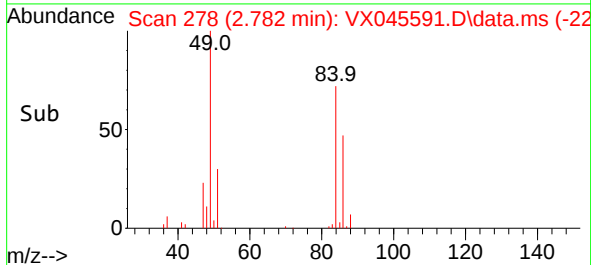
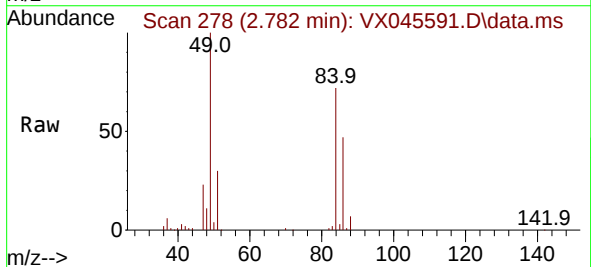
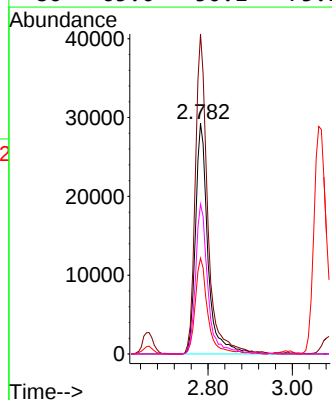
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Methylene Chloride
Concen: 50.497 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

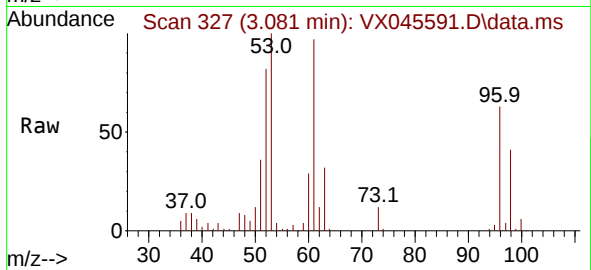
Tgt Ion: 84 Resp: 60251
Ion Ratio Lower Upper
84 100
49 138.8 107.5 161.3
51 41.6 33.0 49.6
86 65.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.062 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

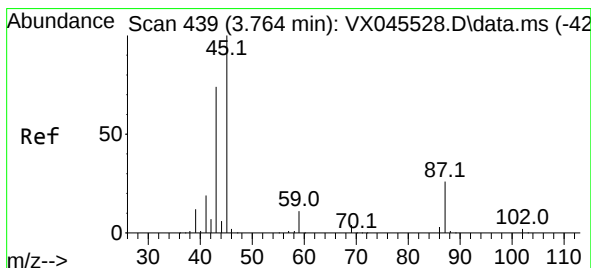
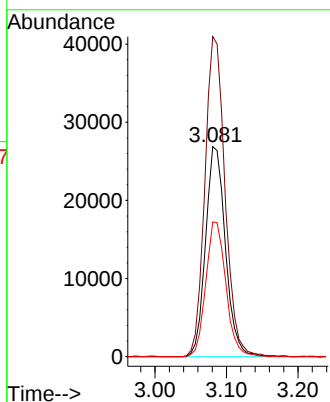
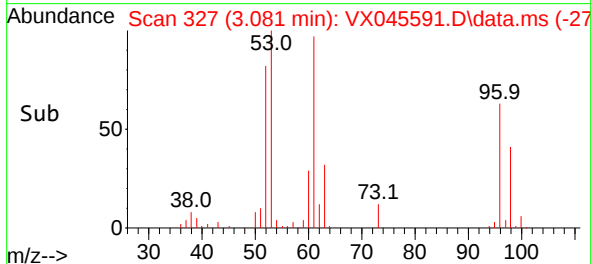
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 96 Resp: 5211
Ion Ratio Lower Upper
96 100
61 152.3 121.0 181.6
98 64.1 49.7 74.5

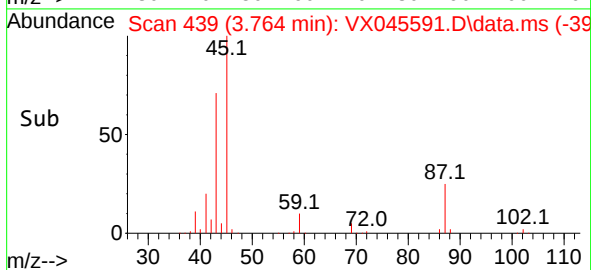
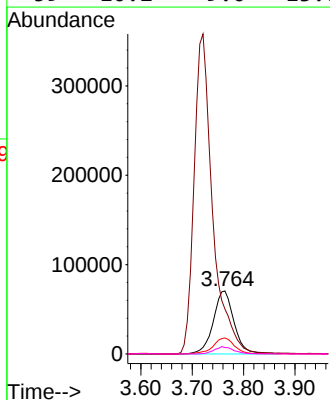
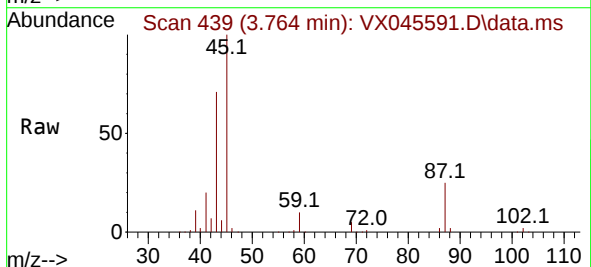
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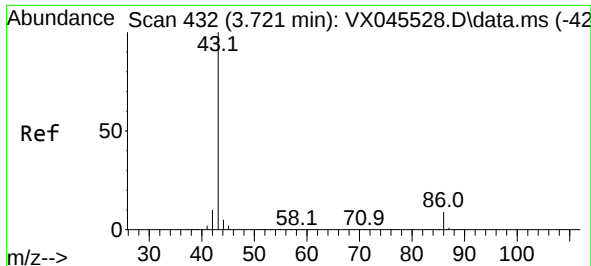
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
Diisopropyl ether
Concen: 51.865 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 45 Resp: 197510
Ion Ratio Lower Upper
45 100
43 71.0 59.3 88.9
87 25.5 20.4 30.6
59 10.2 9.0 13.6





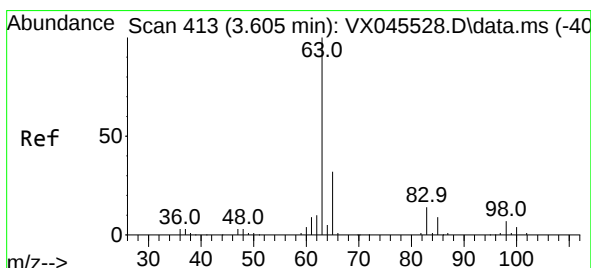
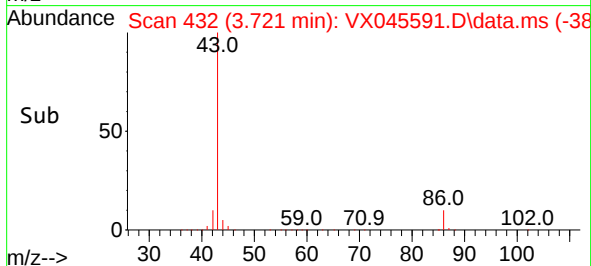
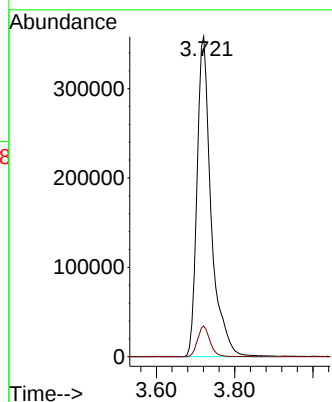
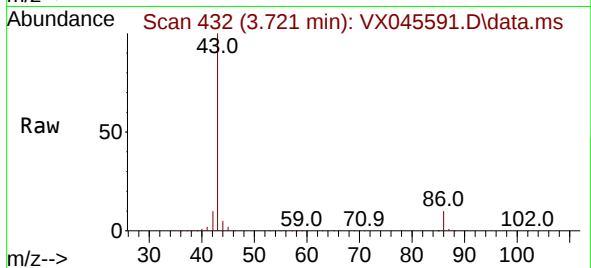
#23
 Vinyl Acetate
 Concen: 273.871 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045591.D
 Acq: 04 Apr 2025 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MS

Tgt Ion: 43 Resp: 90109
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

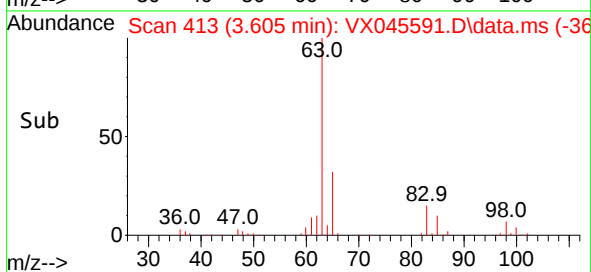
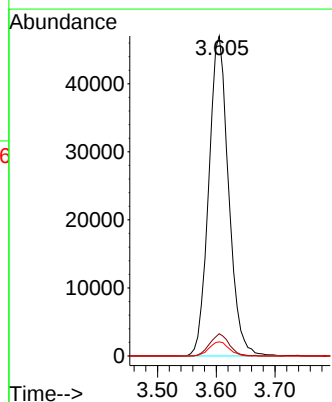
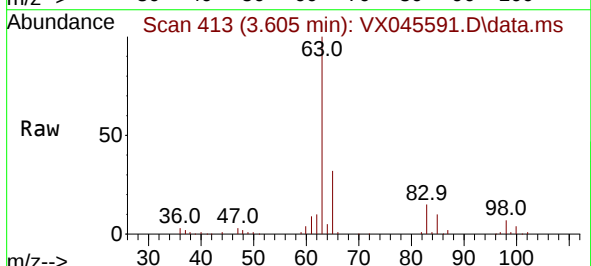
Manual Integrations
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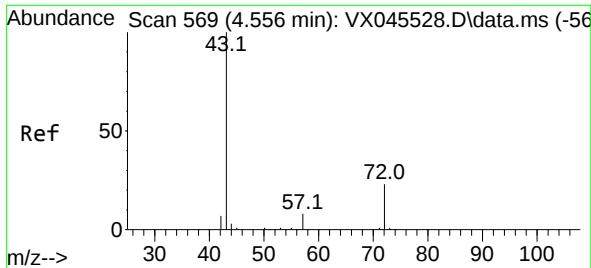
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#24
 1,1-Dichloroethane
 Concen: 51.183 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045591.D
 Acq: 04 Apr 2025 12:04

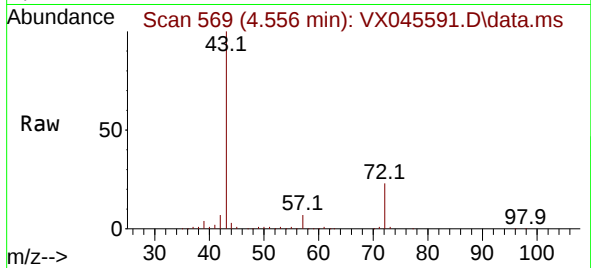
Tgt Ion: 63 Resp: 110230
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 264.259 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

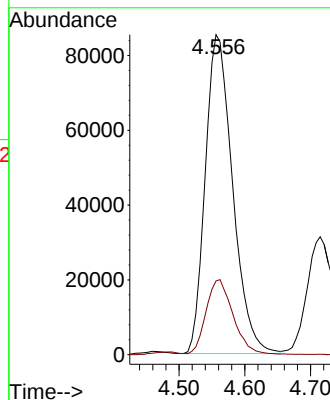
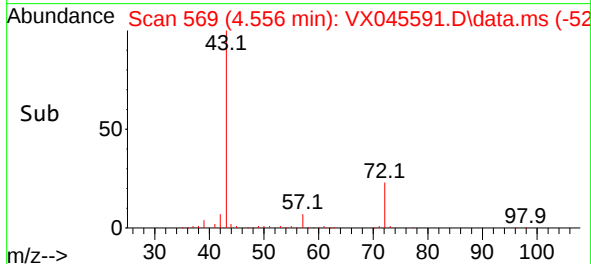
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 43 Resp: 24653
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

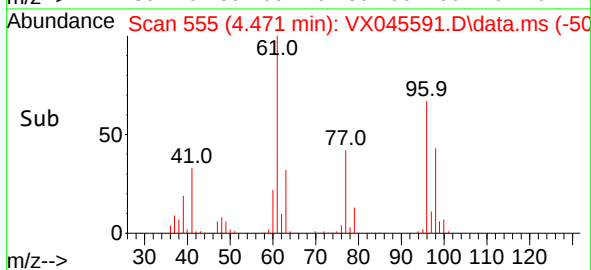
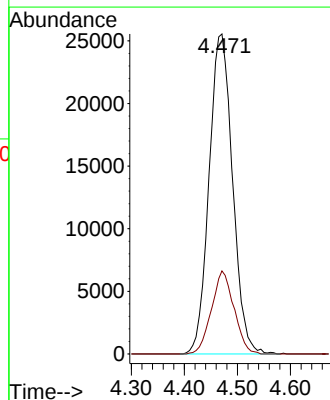
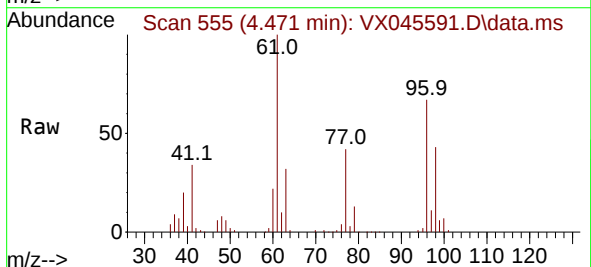
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#26
2,2-Dichloropropane
Concen: 56.455 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 77 Resp: 78555
Ion Ratio Lower Upper
77 100
97 24.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 104.968 ug/l

RT: 4.483 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX045591.D

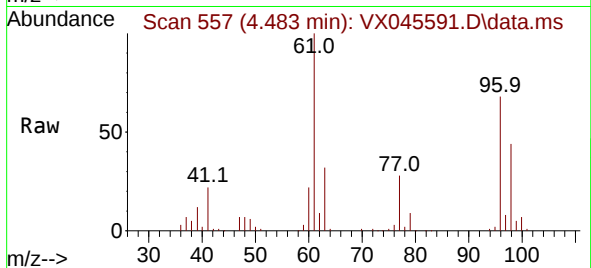
Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS



Tgt Ion: 96 Resp: 133119

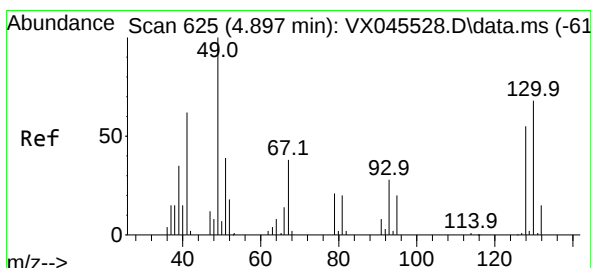
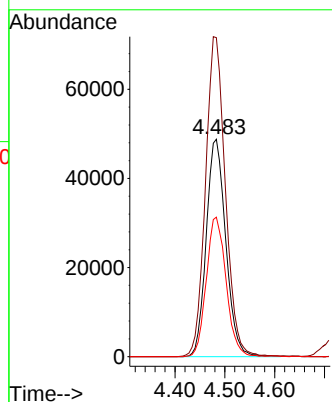
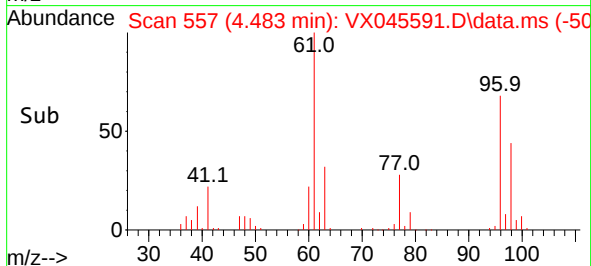
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	313.2
98	64.8	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#28

Bromochloromethane

Concen: 50.918 ug/l

RT: 4.891 min Scan# 624

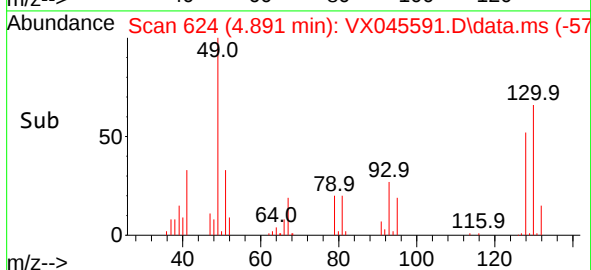
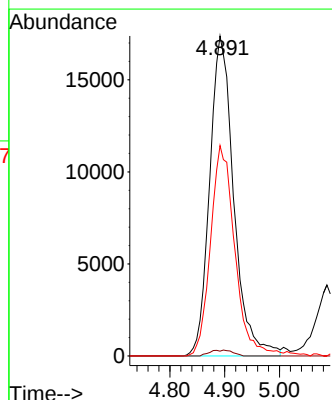
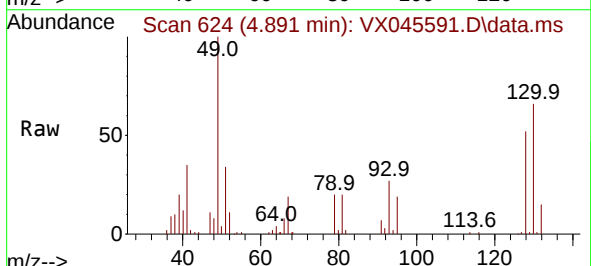
Delta R.T. -0.006 min

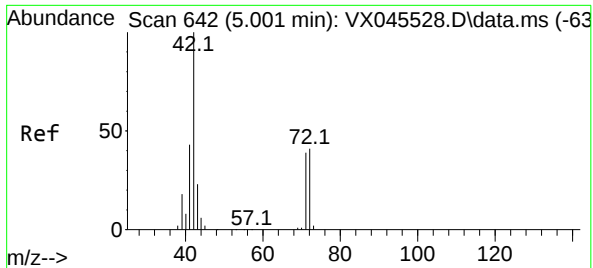
Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Tgt Ion: 49 Resp: 52993

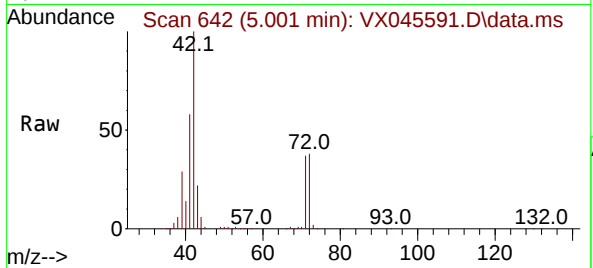
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	66.1	54.6	81.8





#29
Tetrahydrofuran
Concen: 268.033 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

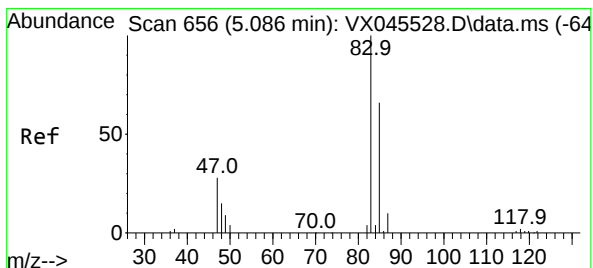
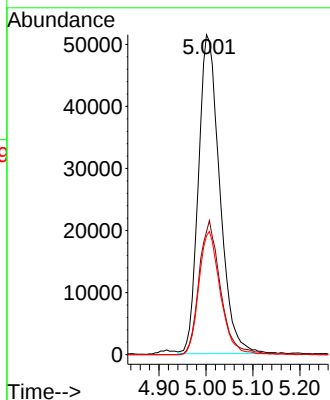
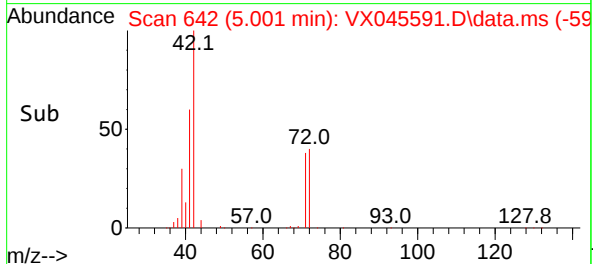
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



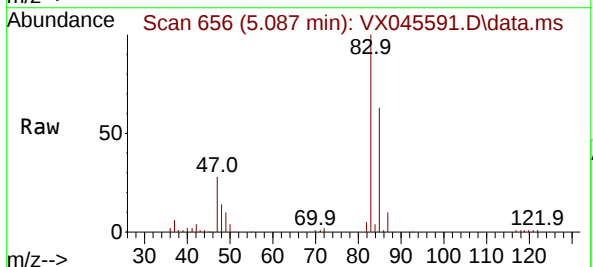
Tgt Ion: 42 Resp: 162118
Ion Ratio Lower Upper
42 100
72 42.2 33.4 50.0
71 38.7 31.4 47.0

Manual Integrations
APPROVED

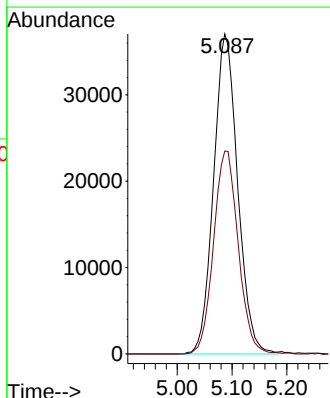
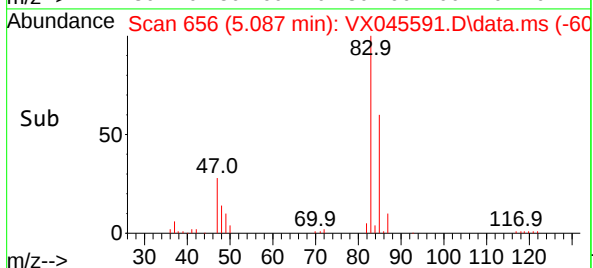
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

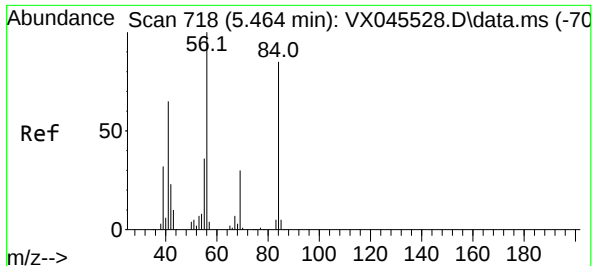


#30
Chloroform
Concen: 51.070 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



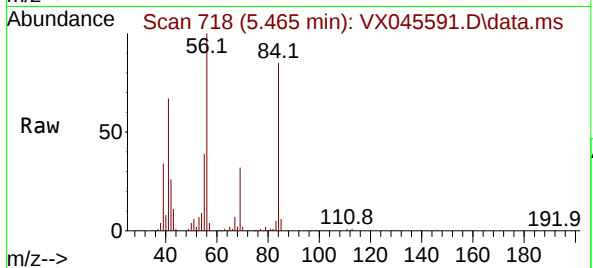
Tgt Ion: 83 Resp: 113174
Ion Ratio Lower Upper
83 100
85 63.4 52.8 79.2





#31
Cyclohexane
Concen: 49.094 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

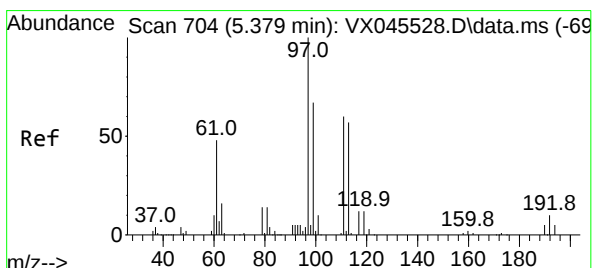
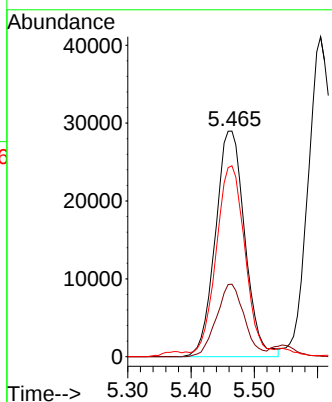
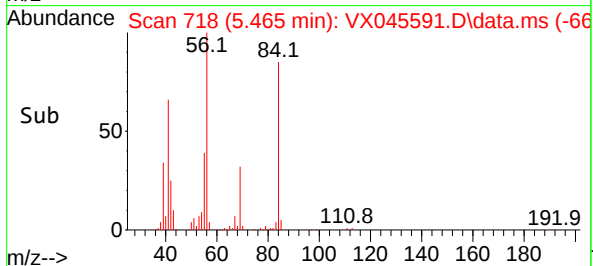
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 56 Resp: 93472
Ion Ratio Lower Upper
56 100
69 32.2 23.6 35.4
84 82.4 67.7 101.5

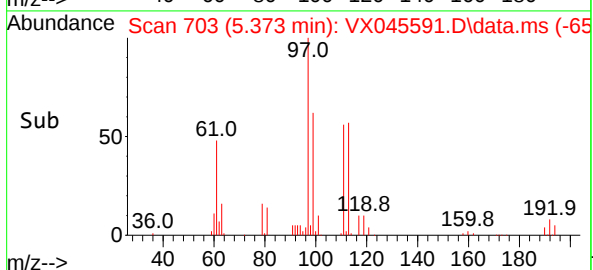
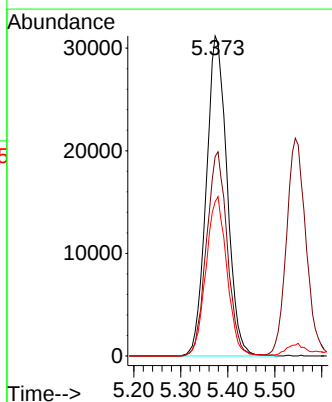
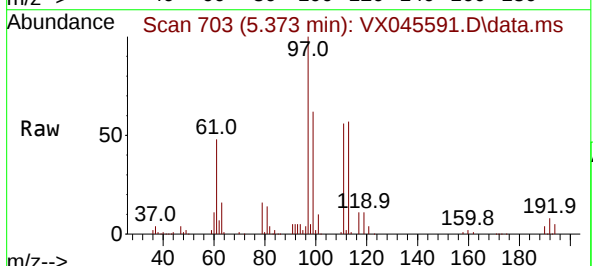
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#32
1,1,1-Trichloroethane
Concen: 51.026 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 97 Resp: 95681
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 50.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.228 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS

Tgt Ion: 65 Resp: 82614

Ion Ratio Lower Upper

65 100

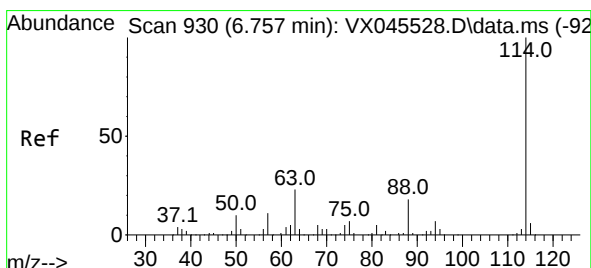
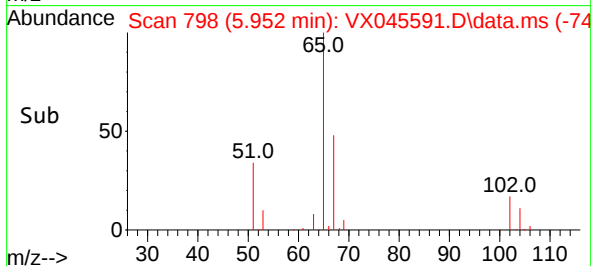
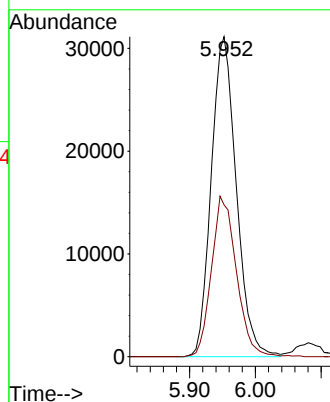
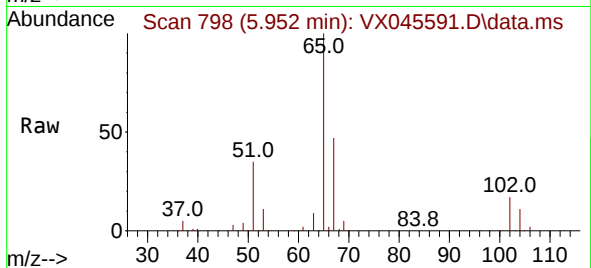
67 49.9 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

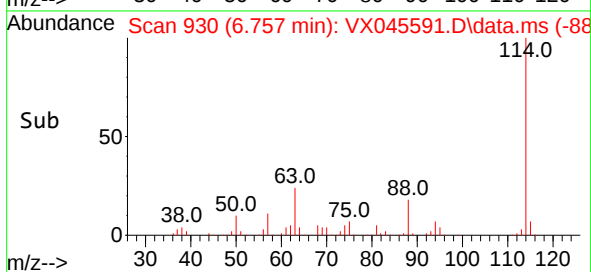
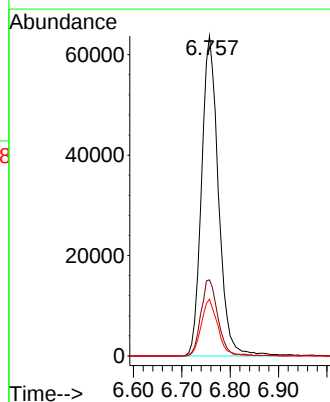
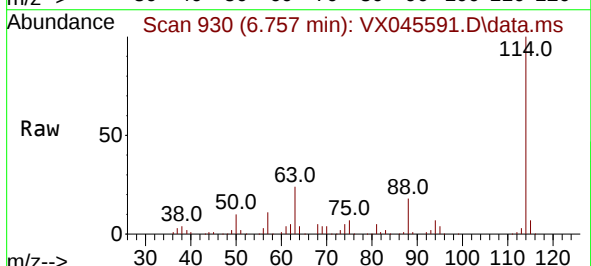
Tgt Ion:114 Resp: 154383

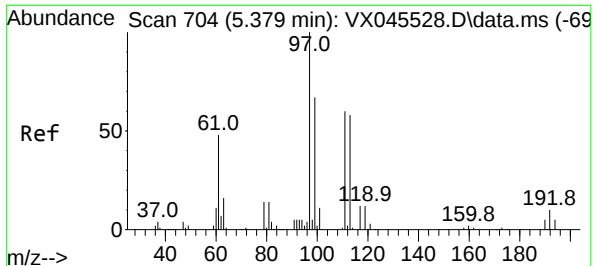
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

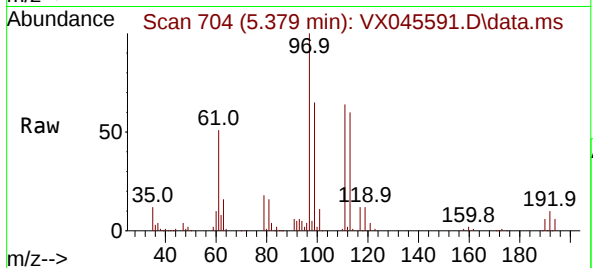
88 17.8 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

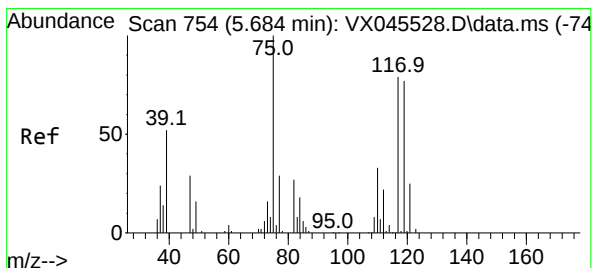
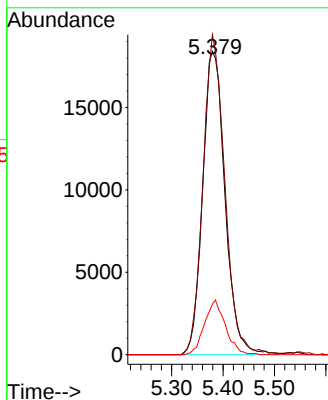
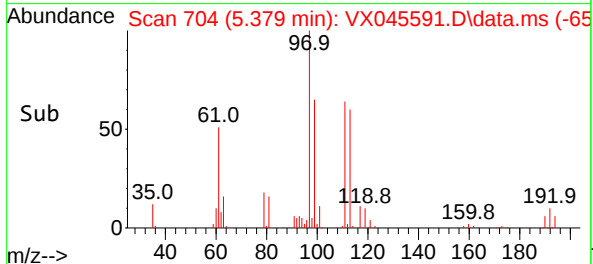
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 113 Resp: 5568
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 16.9 13.8 20.6

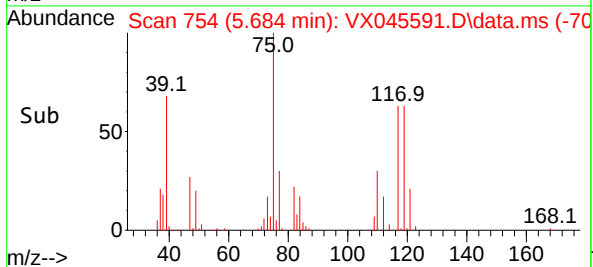
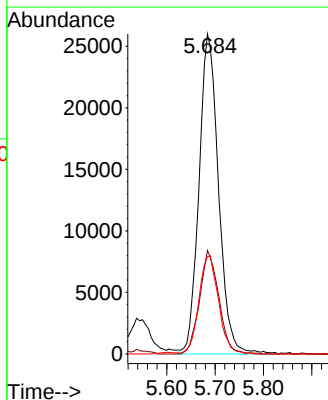
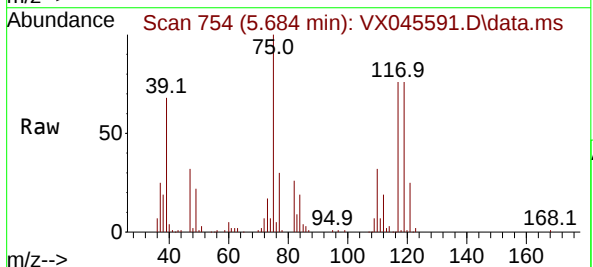
Manual Integrations
APPROVED

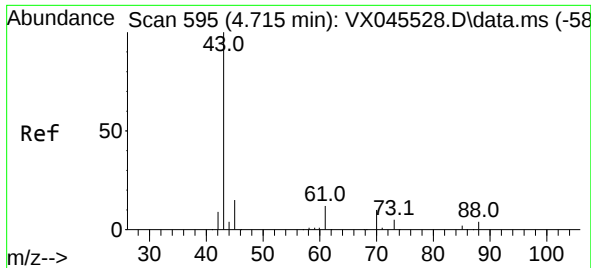
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,1-Dichloropropene
Concen: 49.362 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 75 Resp: 73004
Ion Ratio Lower Upper
75 100
110 31.7 16.9 50.6
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 49.720 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS

Tgt Ion: 43 Resp: 92660

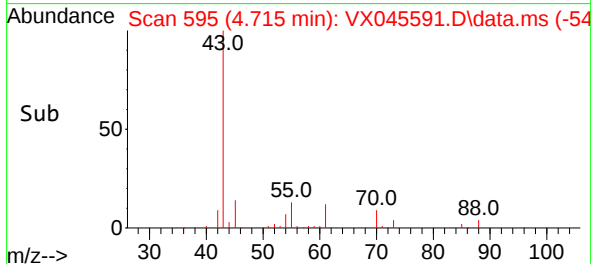
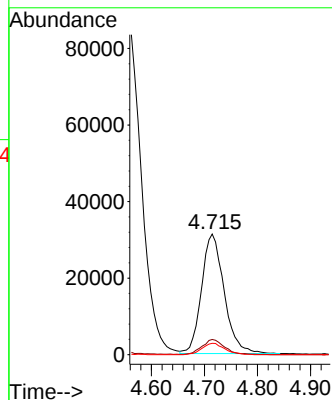
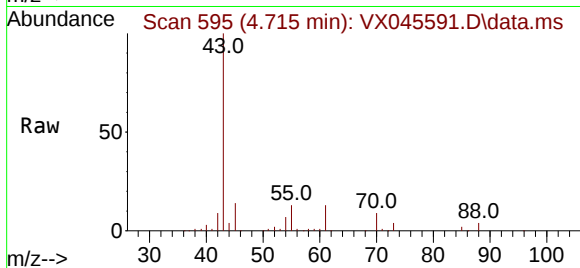
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	9.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#38

Carbon Tetrachloride

Concen: 50.603 ug/l

RT: 5.666 min Scan# 751

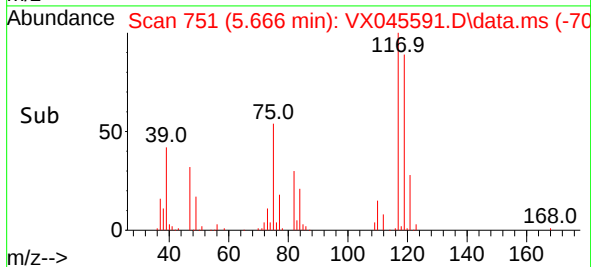
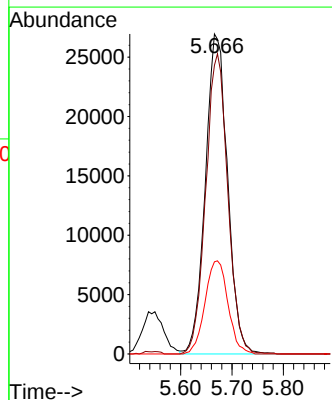
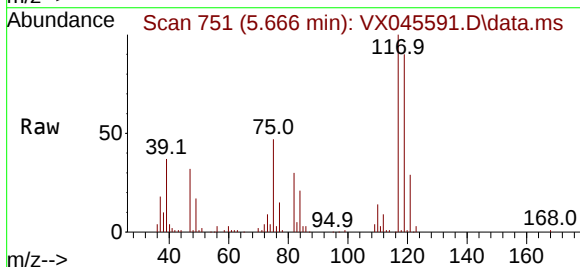
Delta R.T. -0.006 min

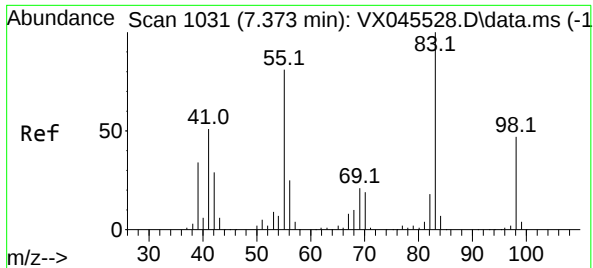
Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Tgt Ion:117 Resp: 80883

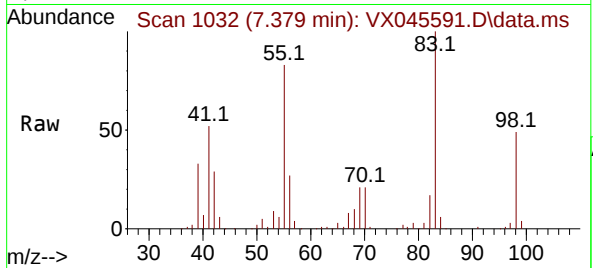
Ion	Ratio	Lower	Upper
117	100		
119	90.2	76.9	115.3
121	28.8	24.2	36.2





#39
Methylcyclohexane
Concen: 48.969 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

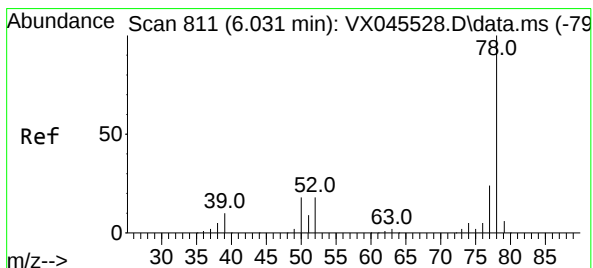
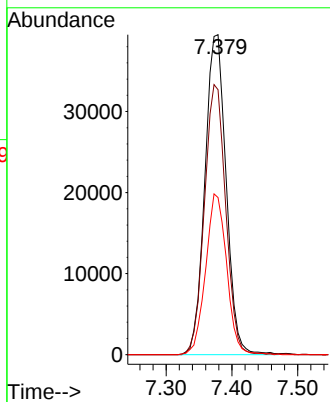
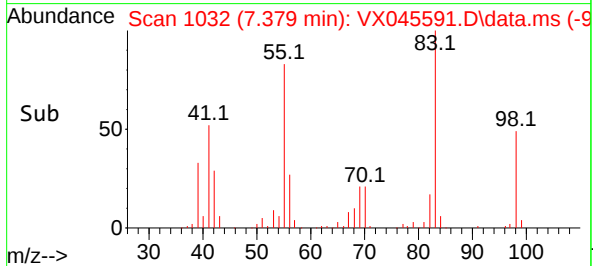
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 83 Resp: 88770
Ion Ratio Lower Upper
83 100
55 82.8 64.9 97.3
98 49.1 37.4 56.0

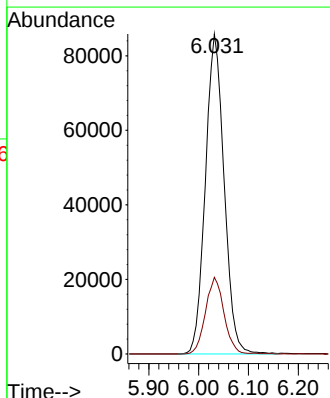
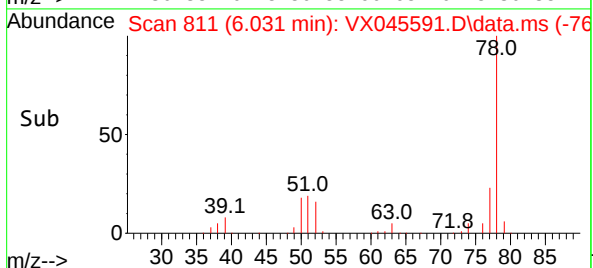
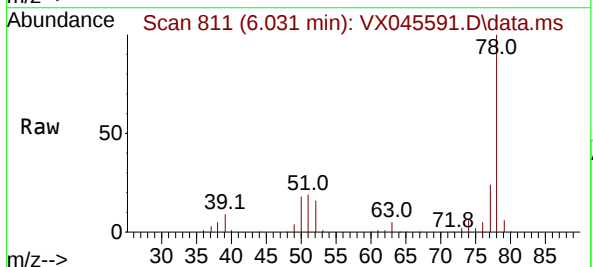
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#40
Benzene
Concen: 49.555 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

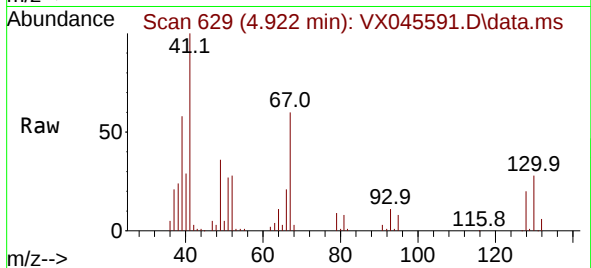
Tgt Ion: 78 Resp: 223833
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 53.792 ug/l
RT: 4.922 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

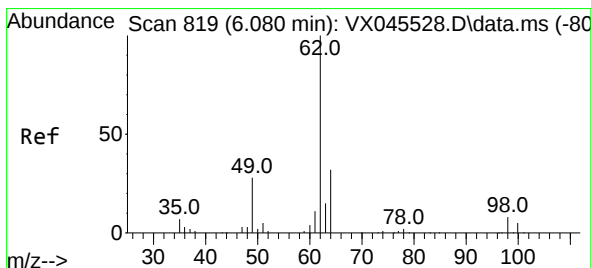
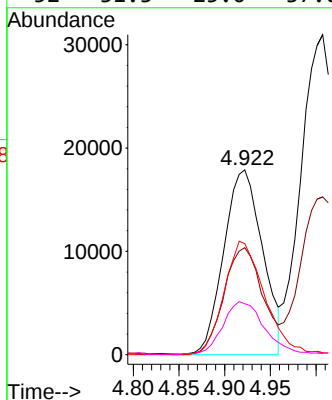
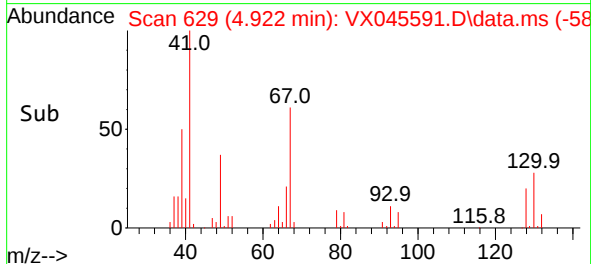
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 41 Resp: 5289
Ion Ratio Lower Upper
41 100
39 58.1 47.0 70.6
67 64.4 53.2 79.8
52 31.3 25.0 37.6

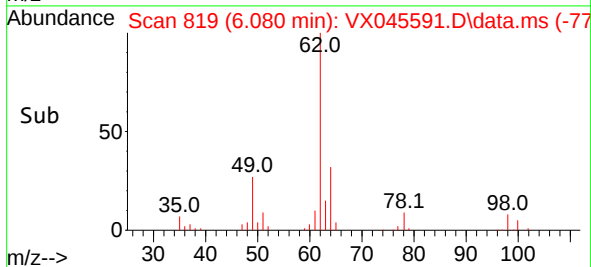
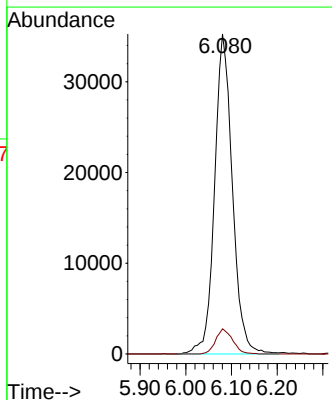
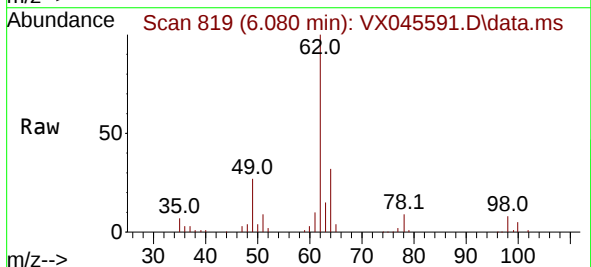
Manual Integrations
APPROVED

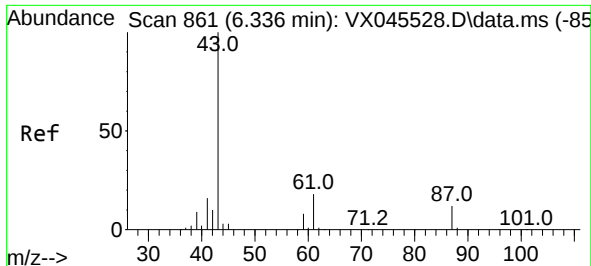
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#42
1,2-Dichloroethane
Concen: 51.199 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 62 Resp: 95516
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43

Isopropyl Acetate

Concen: 52.304 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045591.D

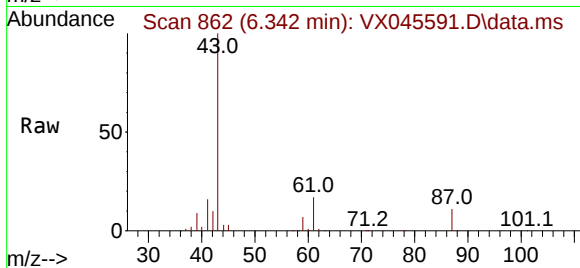
Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS



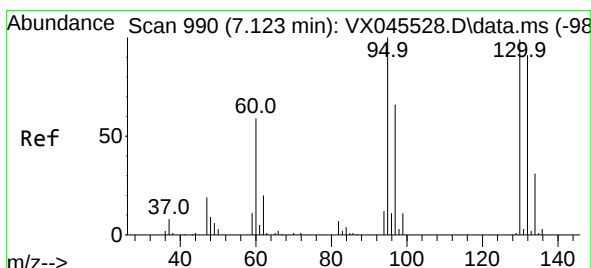
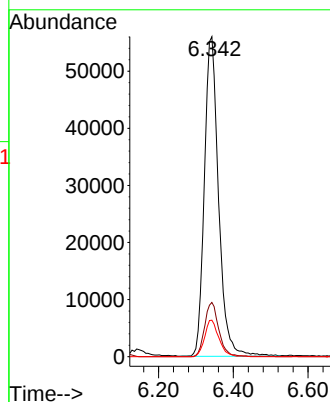
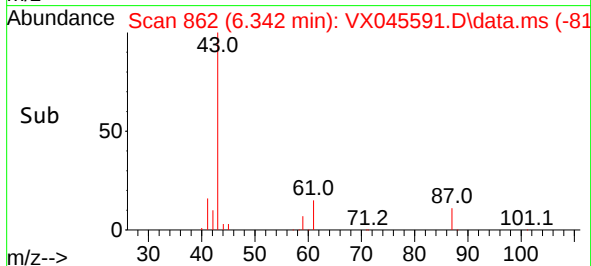
Tgt Ion:	43	Resp:	14774
Ion Ratio	100	Lower	Upper
61	17.0	14.1	21.1
87	11.4	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#44

Trichloroethene

Concen: 73.655 ug/l

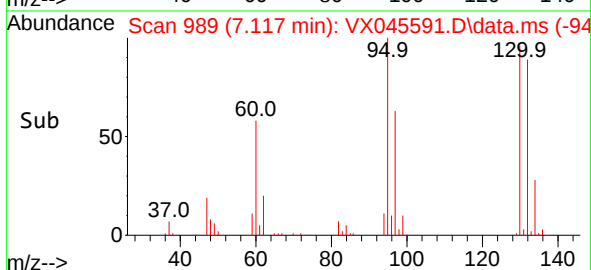
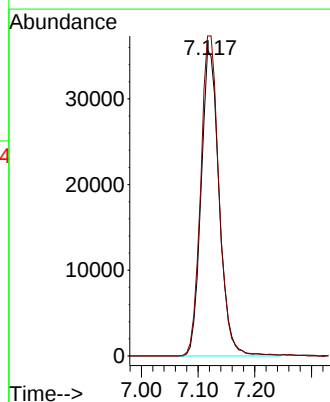
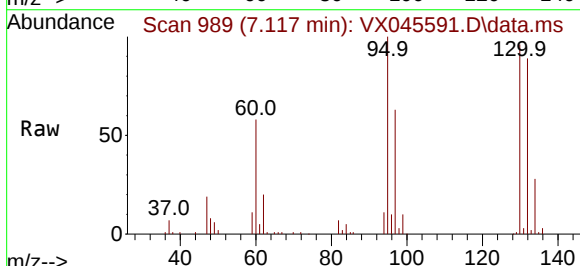
RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Tgt Ion:	130	Resp:	79074
Ion Ratio	100	Lower	Upper
95	104.5	0.0	202.0





#45

1,2-Dichloropropane

Concen: 50.237 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS

Tgt Ion: 63 Resp: 5661

Ion Ratio Lower Upper

63 100

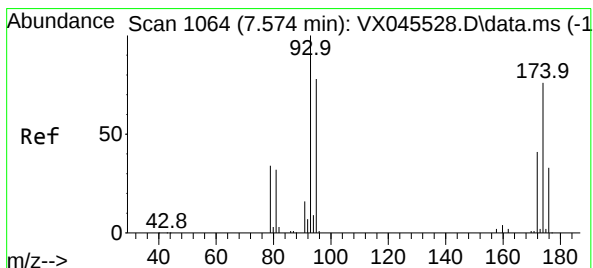
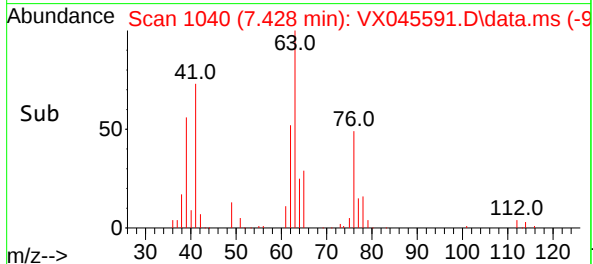
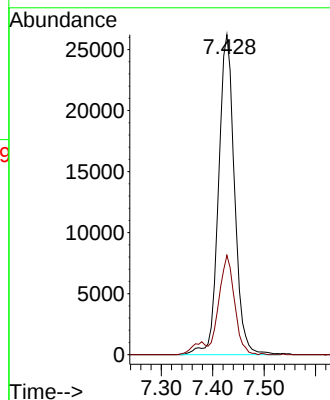
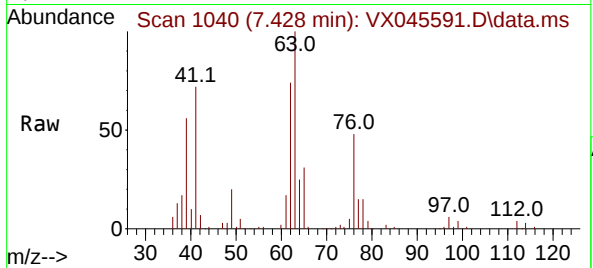
65 31.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#46

Dibromomethane

Concen: 50.857 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

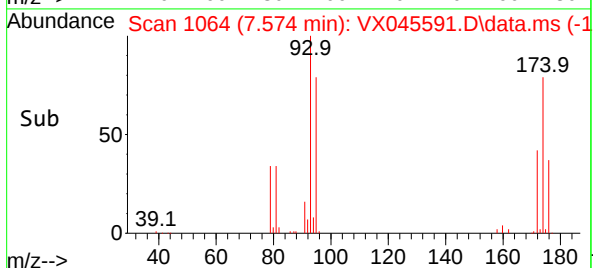
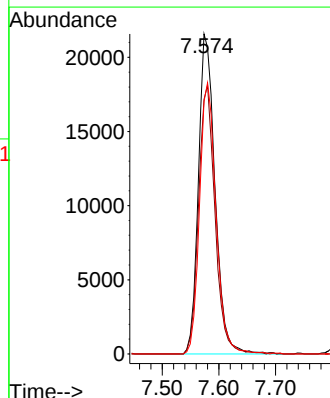
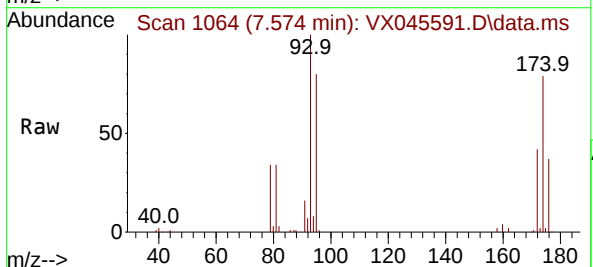
Tgt Ion: 93 Resp: 43998

Ion Ratio Lower Upper

93 100

95 83.0 64.8 97.2

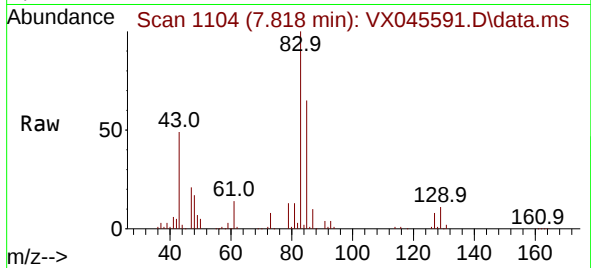
174 84.0 65.4 98.0





#47
Bromodichloromethane
Concen: 50.058 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

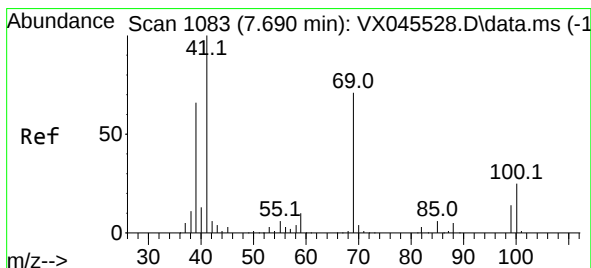
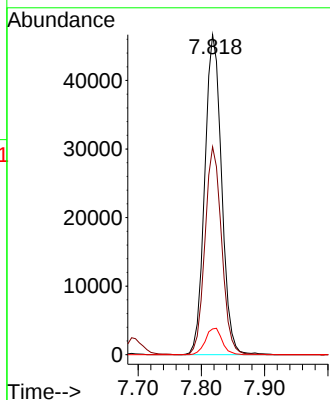
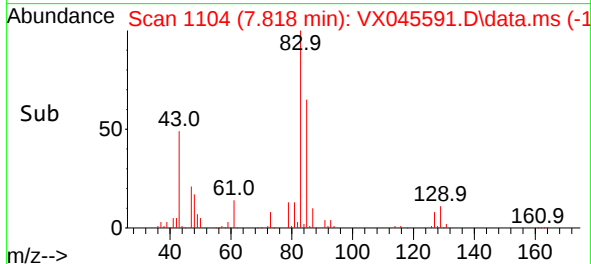
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



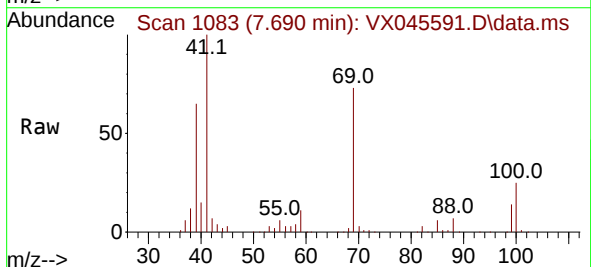
Tgt Ion: 83 Resp: 8648
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5
127 8.1 6.1 9.1

Manual Integrations
APPROVED

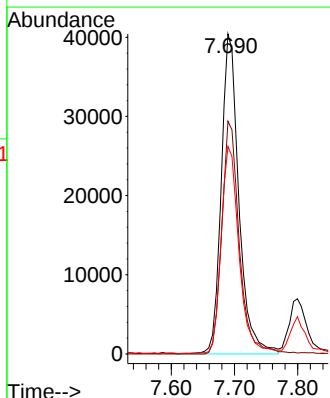
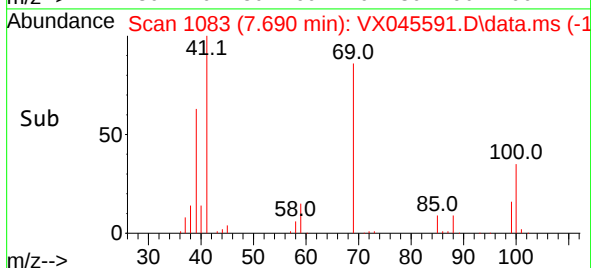
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

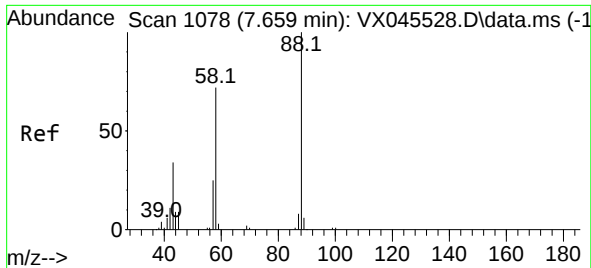


#48
Methyl methacrylate
Concen: 53.418 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



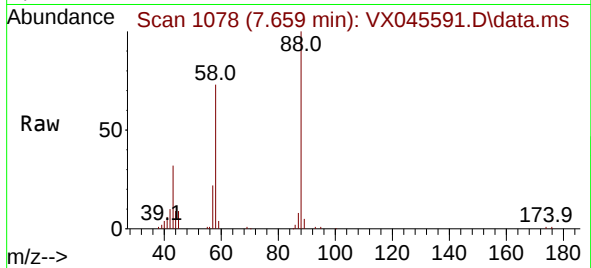
Tgt Ion: 41 Resp: 77910
Ion Ratio Lower Upper
41 100
69 72.0 58.2 87.2
39 65.3 53.6 80.4





#49
1,4-Dioxane
Concen: 1026.301 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

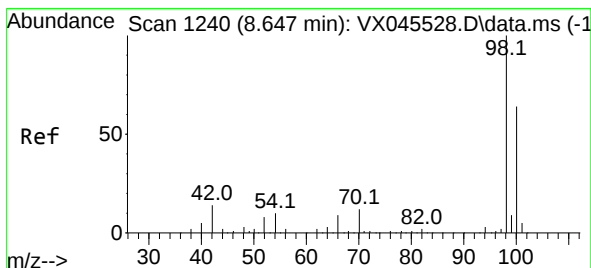
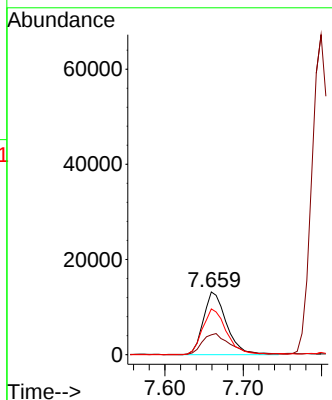
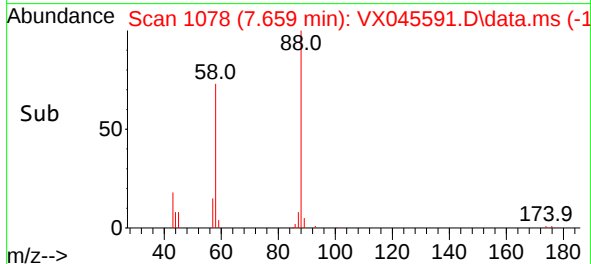
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 88 Resp: 27082
Ion Ratio Lower Upper
88 100
43 42.0 32.2 48.4
58 75.1 58.6 88.0

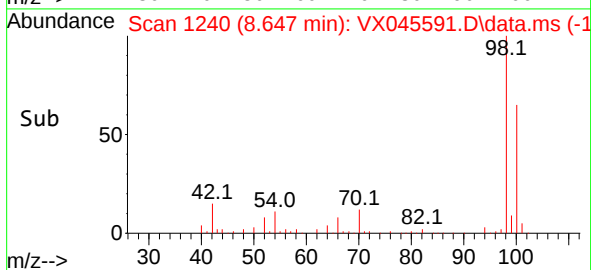
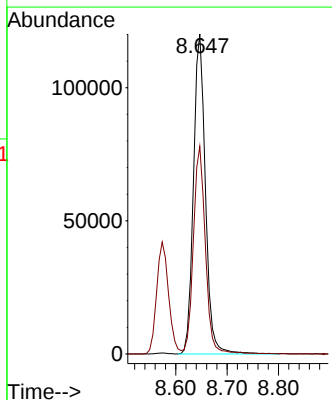
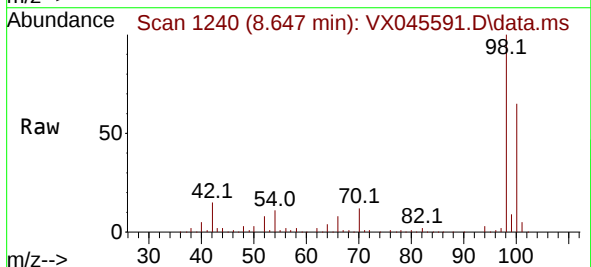
Manual Integrations
APPROVED

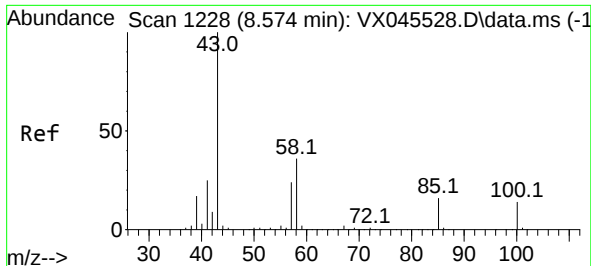
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

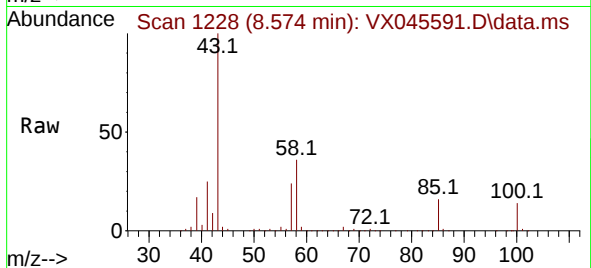
Tgt Ion: 98 Resp: 194235
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 267.387 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

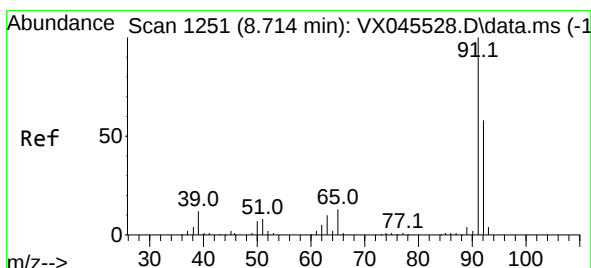
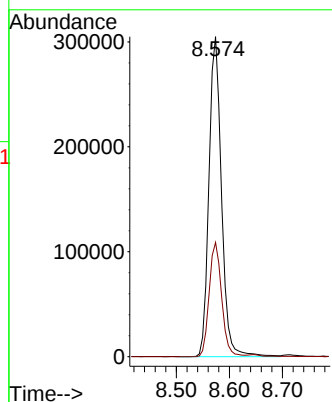
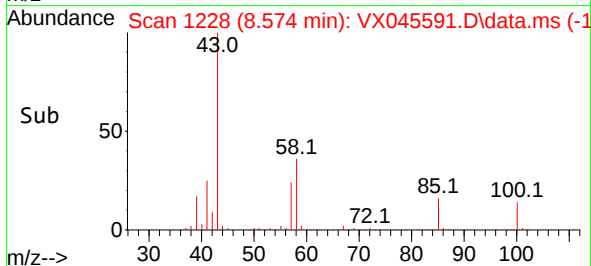
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 43 Resp: 500710
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

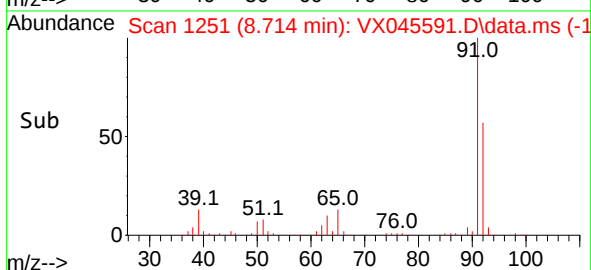
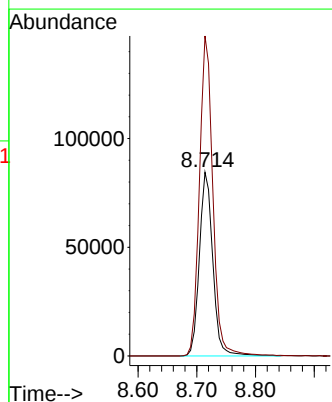
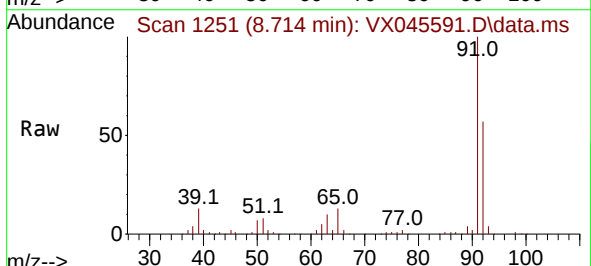
Manual Integrations
APPROVED

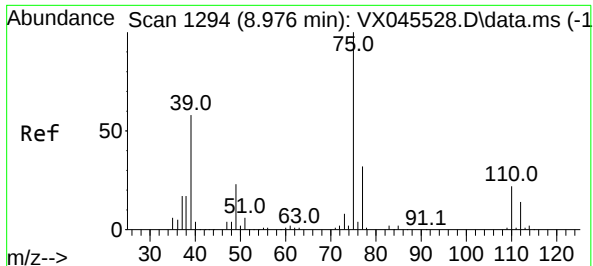
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
Toluene
Concen: 49.155 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 92 Resp: 134349
Ion Ratio Lower Upper
92 100
91 174.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.367 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS

Tgt Ion: 75 Resp: 7848

Ion Ratio Lower Upper

75 100

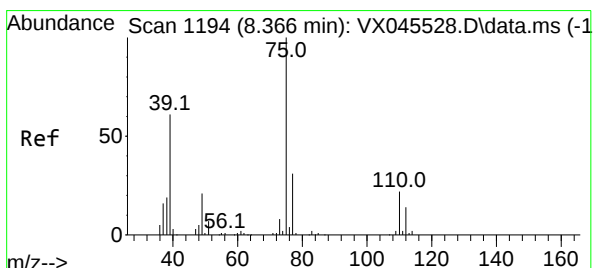
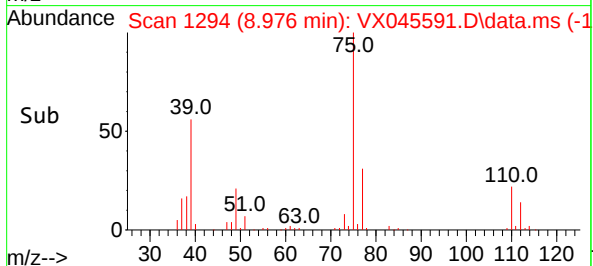
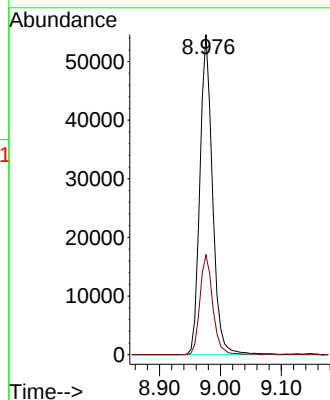
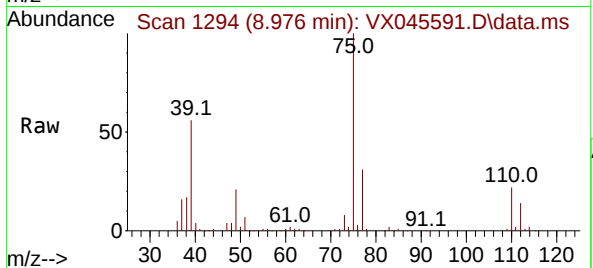
77 31.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#54

cis-1,3-Dichloropropene

Concen: 53.787 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

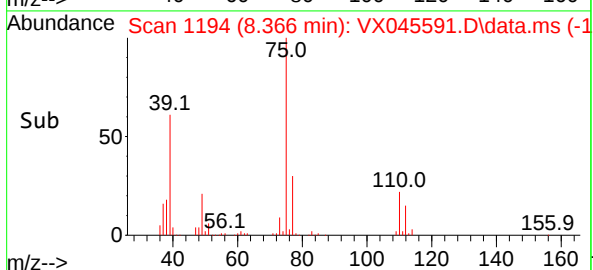
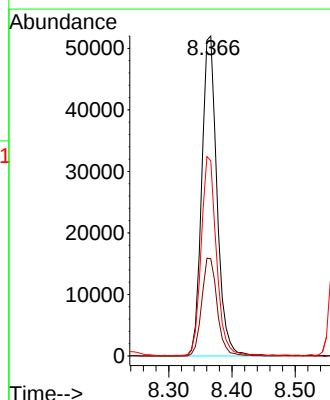
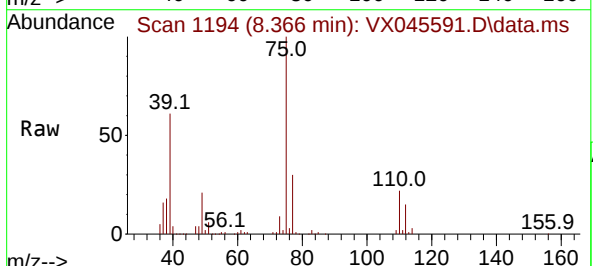
Tgt Ion: 75 Resp: 87327

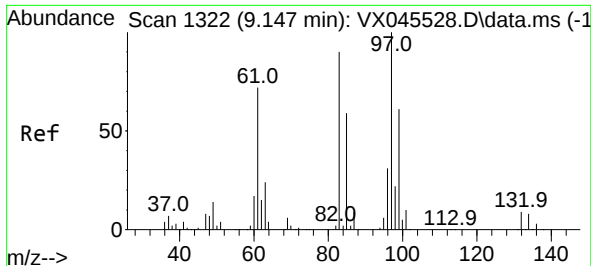
Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8

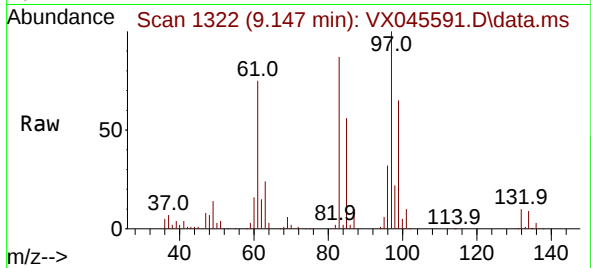
39 60.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 50.689 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

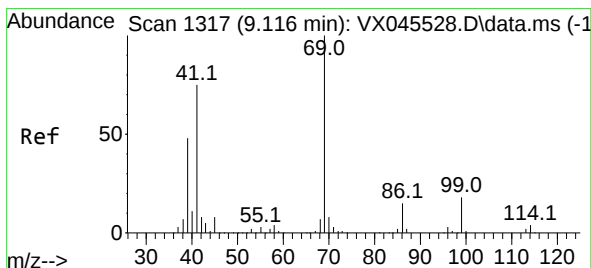
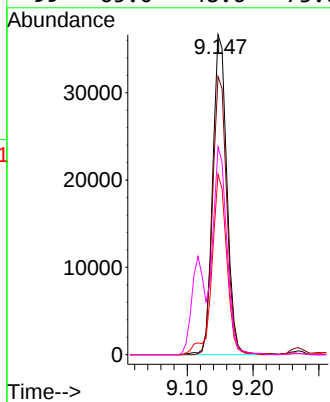
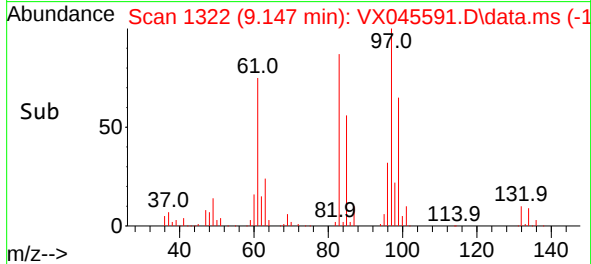
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



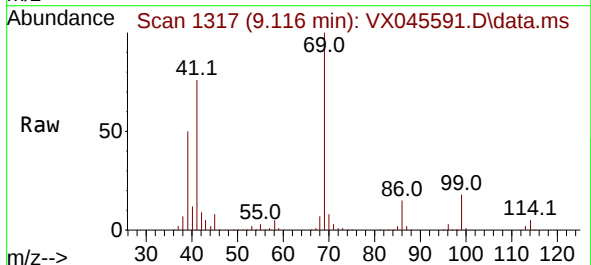
Tgt Ion: 97 Resp: 5520
Ion Ratio Lower Upper
97 100
83 86.9 71.8 107.8
85 56.4 47.0 70.6
99 65.0 48.6 73.0

Manual Integrations
APPROVED

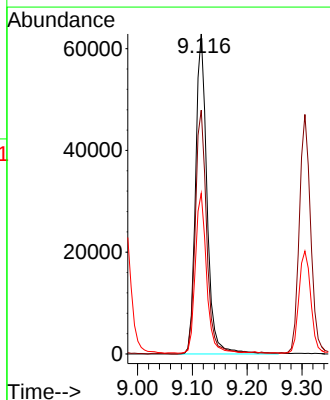
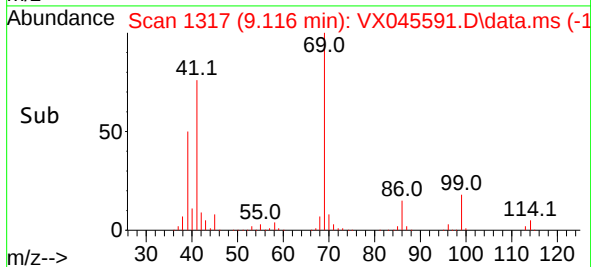
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

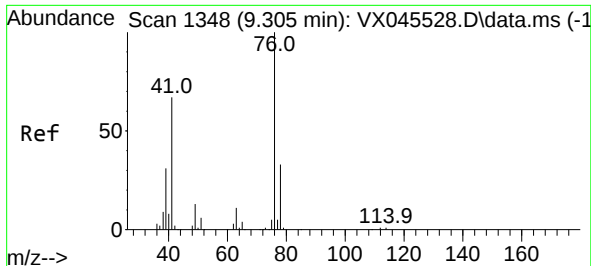


#56
Ethyl methacrylate
Concen: 54.386 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



Tgt Ion: 69 Resp: 91670
Ion Ratio Lower Upper
69 100
41 76.6 61.3 91.9
39 49.0 40.2 60.2





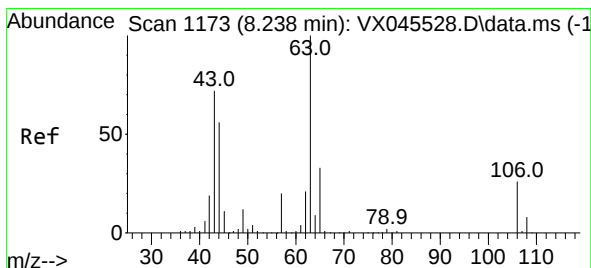
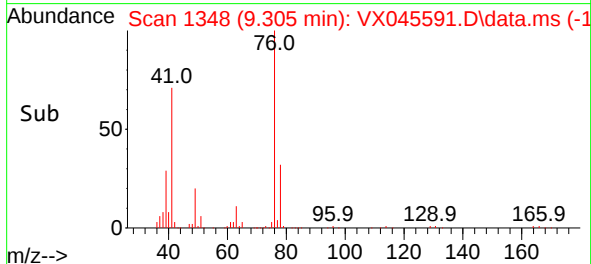
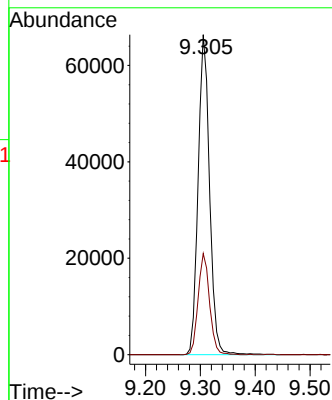
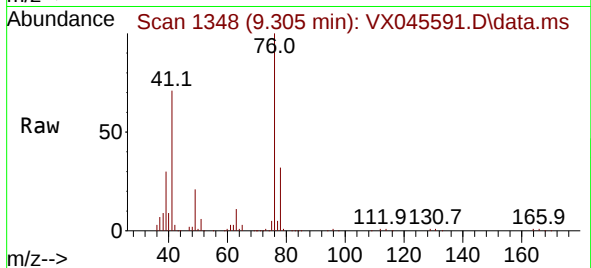
#57
1,3-Dichloropropane
Concen: 50.944 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 76 Resp: 96618
Ion Ratio Lower Upper
76 100
78 31.6 26.0 39.0

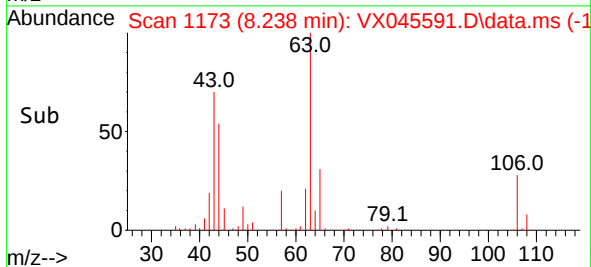
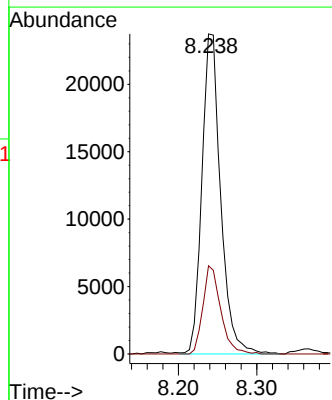
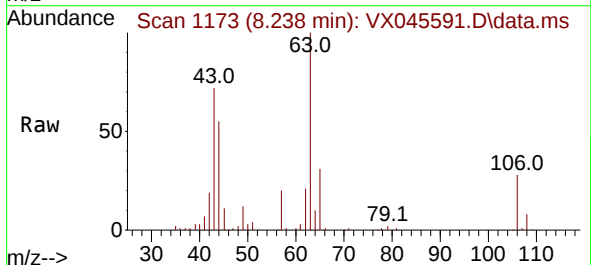
Manual Integrations
APPROVED

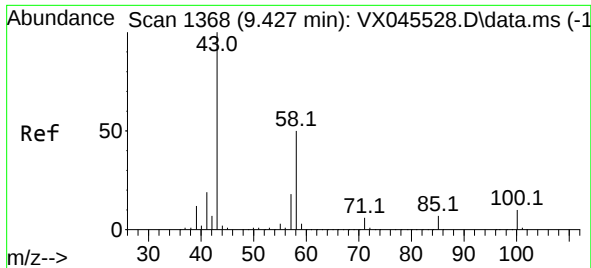
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 46.282 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

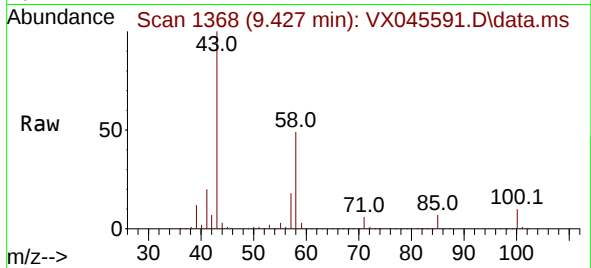
Tgt Ion: 63 Resp: 39463
Ion Ratio Lower Upper
63 100
106 26.1 21.0 31.6





#59
2-Hexanone
Concen: 269.685 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

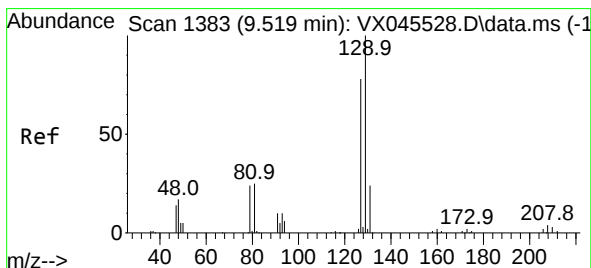
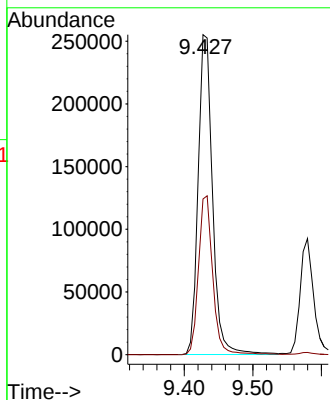
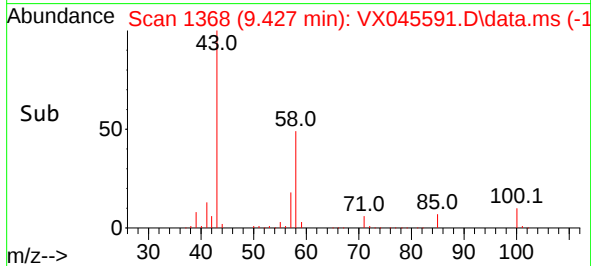
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 43 Resp: 373970
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

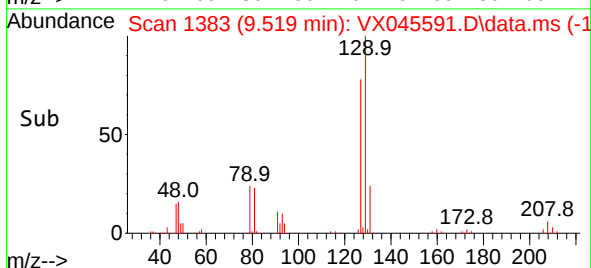
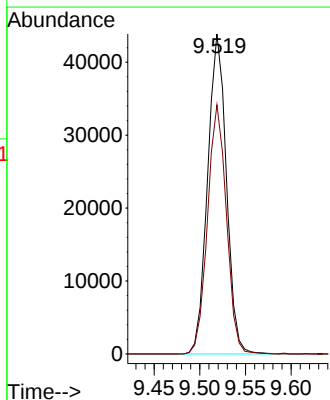
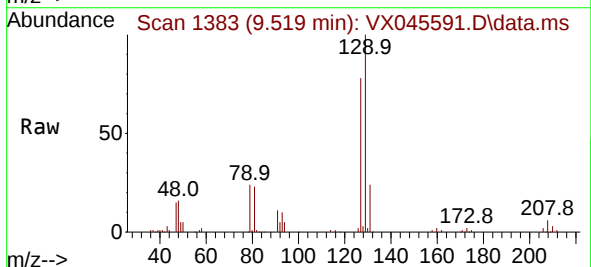
Manual Integrations
APPROVED

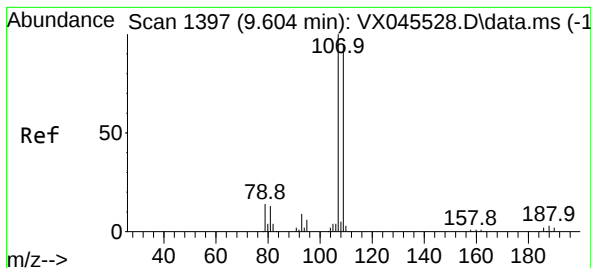
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#60
Dibromochloromethane
Concen: 52.736 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

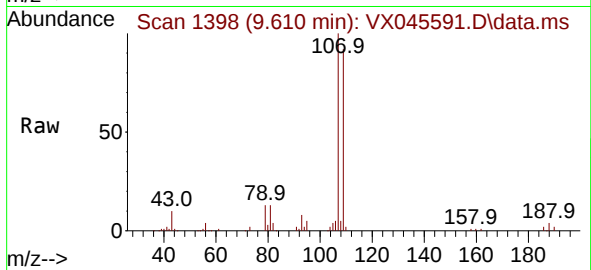
Tgt Ion:129 Resp: 62616
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 52.167 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

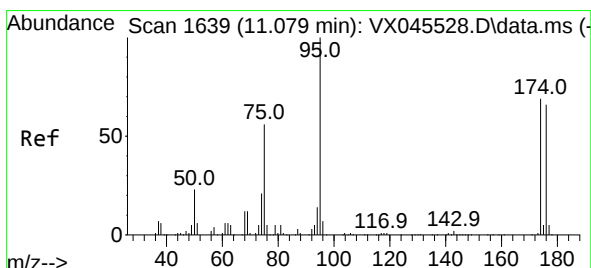
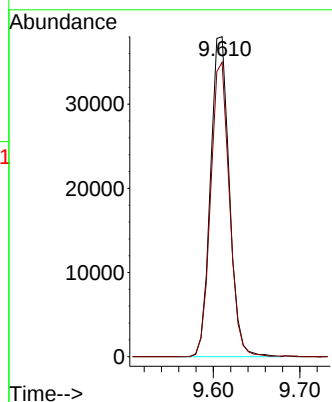
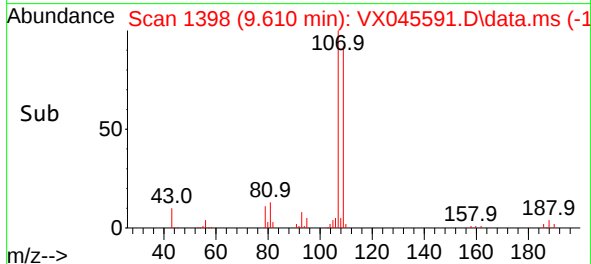
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion:107 Resp: 5751
Ion Ratio Lower Upper
107 100
109 91.7 75.7 113.5

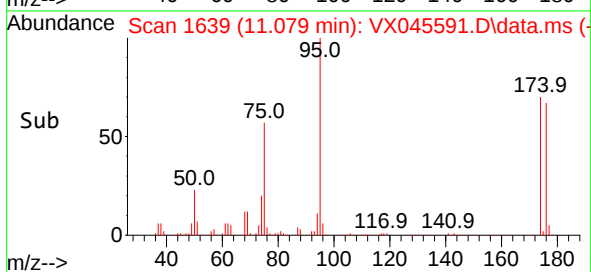
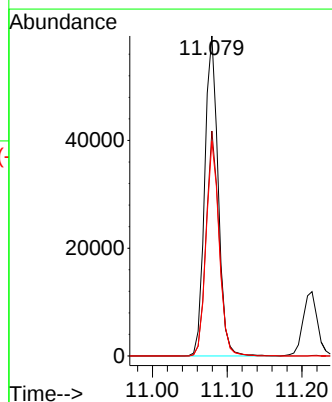
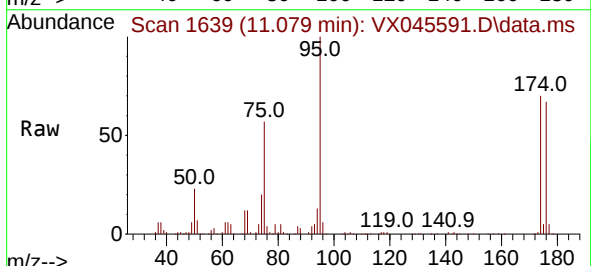
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
4-Bromofluorobenzene
Concen: 53.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

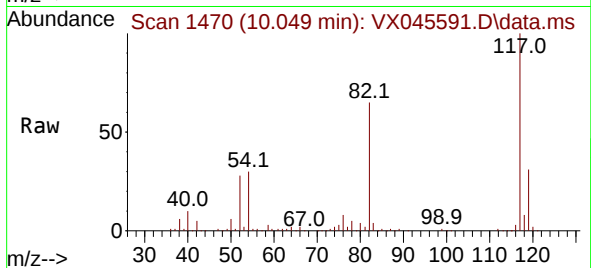
Tgt Ion: 95 Resp: 73975
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

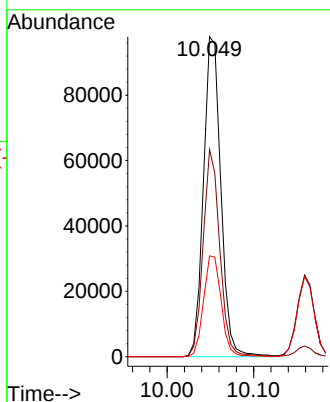
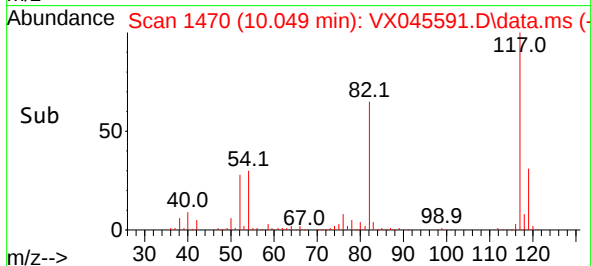
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion:117 Resp: 136690
Ion Ratio Lower Upper
117 100
82 64.7 49.2 73.8
119 31.5 25.1 37.7

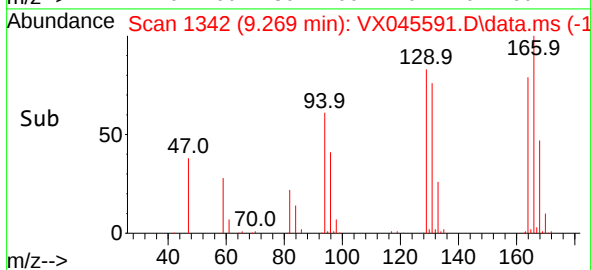
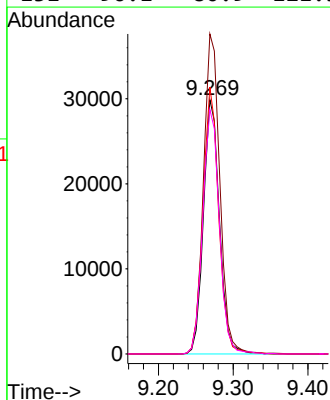
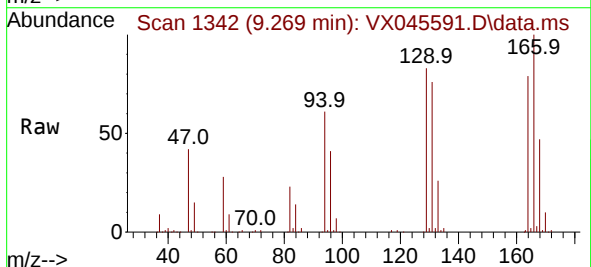
Manual Integrations
APPROVED

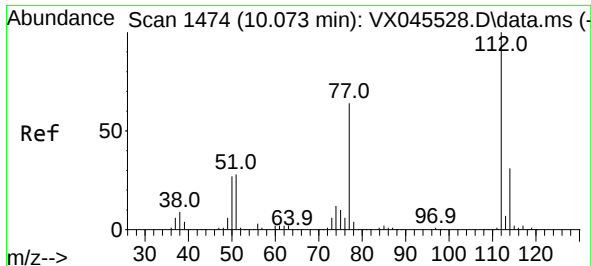
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Tetrachloroethene
Concen: 46.109 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

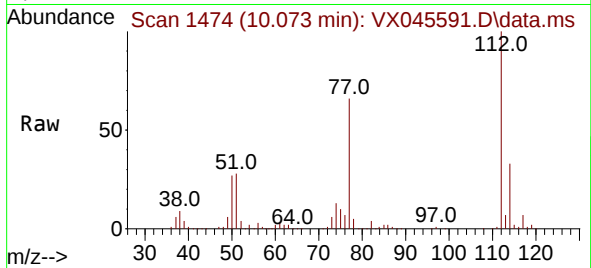
Tgt Ion:164 Resp: 44500
Ion Ratio Lower Upper
164 100
166 125.9 103.8 155.8
129 105.0 84.3 126.5
131 96.1 80.9 121.3





#65
Chlorobenzene
Concen: 49.720 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

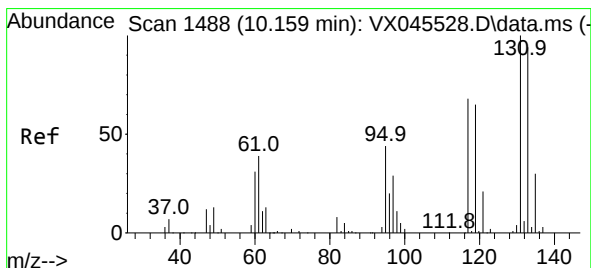
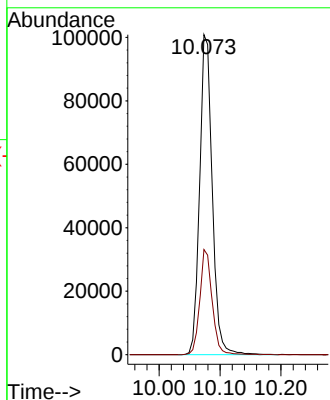
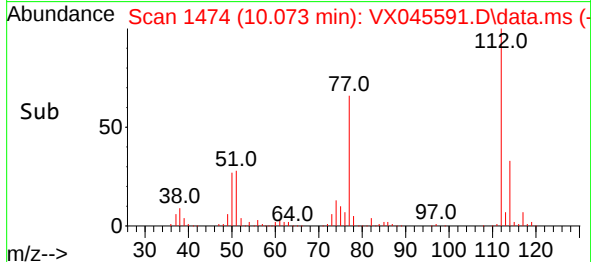
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



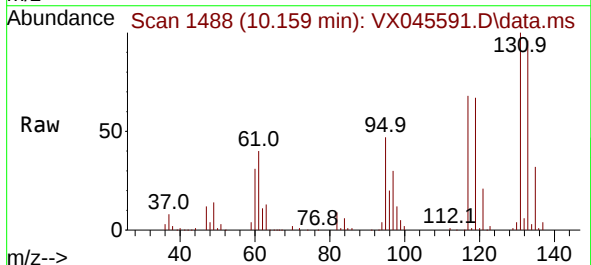
Tgt Ion:112 Resp: 14523
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

Manual Integrations
APPROVED

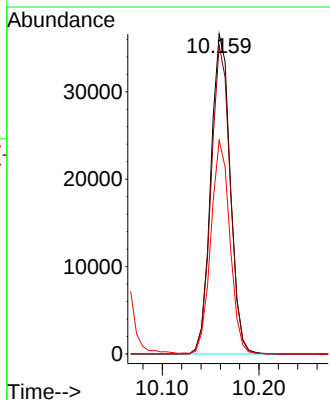
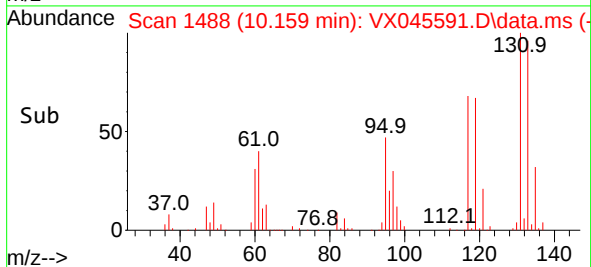
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

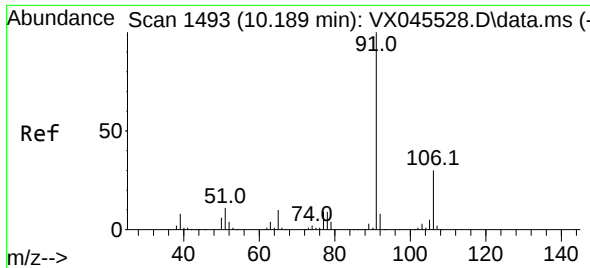


#66
1,1,1,2-Tetrachloroethane
Concen: 50.223 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



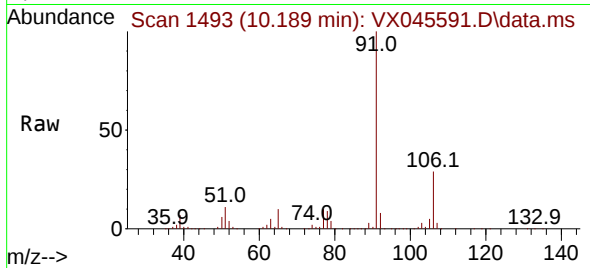
Tgt Ion:131 Resp: 50931
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 65.4 32.9 98.6





#67
Ethyl Benzene
Concen: 50.652 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

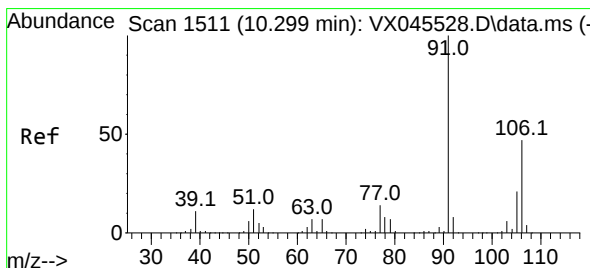
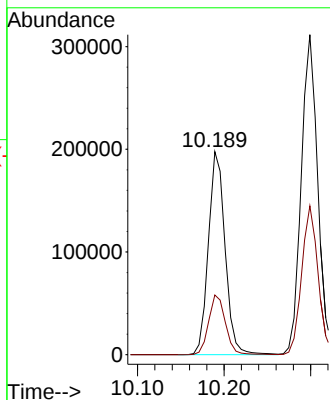
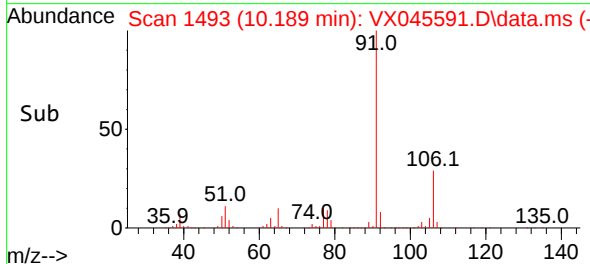
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 91 Resp: 26498
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

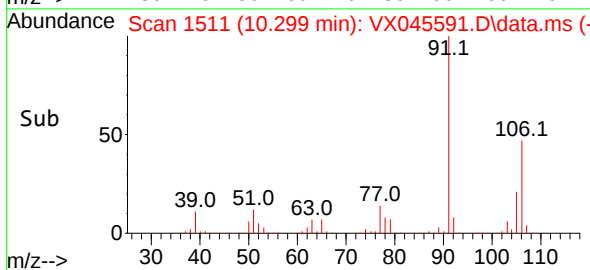
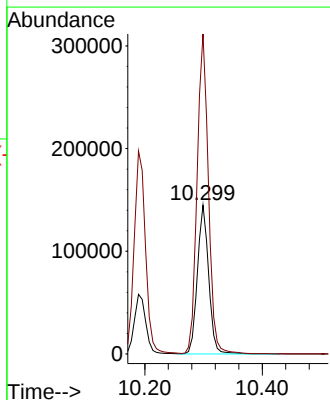
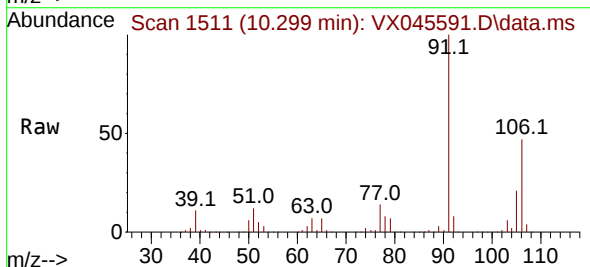
Manual Integrations
APPROVED

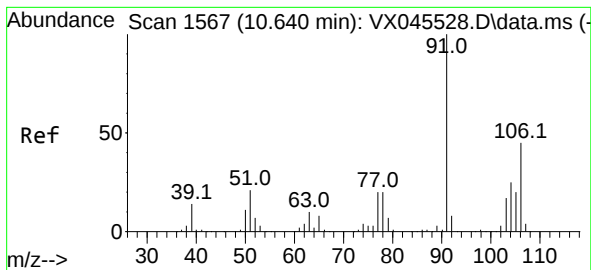
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
m/p-Xylenes
Concen: 101.535 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion:106 Resp: 193193
Ion Ratio Lower Upper
106 100
91 215.8 172.6 258.8





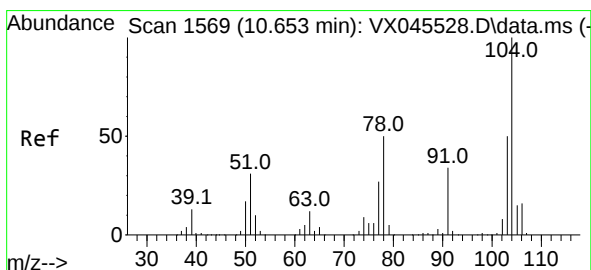
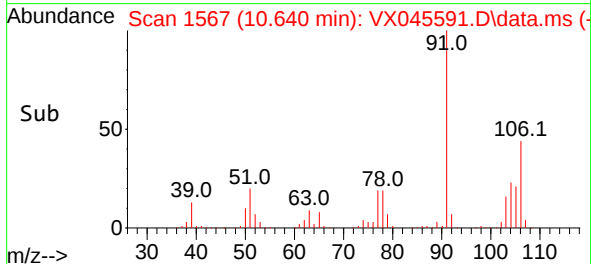
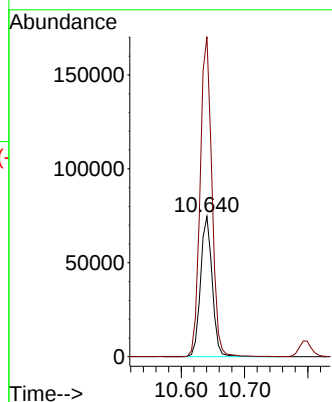
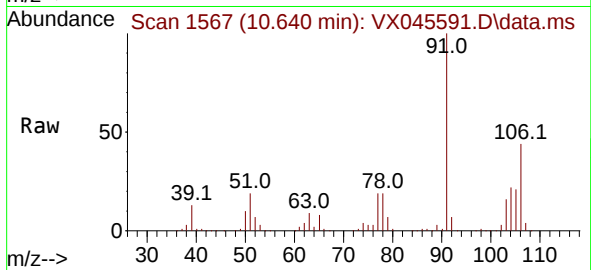
#69
o-Xylene
Concen: 51.166 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion:106 Resp: 95904
Ion Ratio Lower Upper
106 100
91 230.0 113.6 340.6

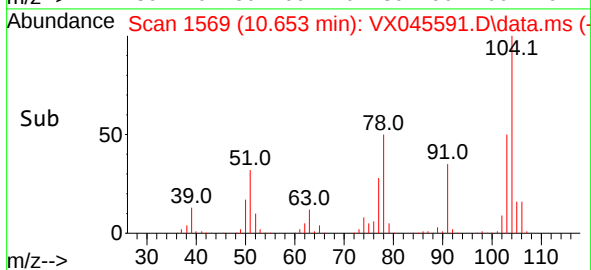
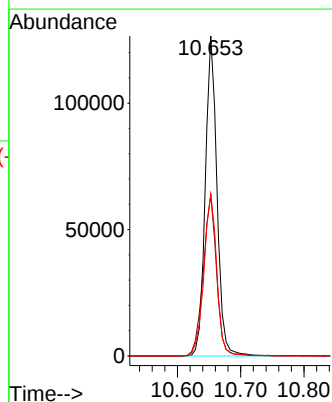
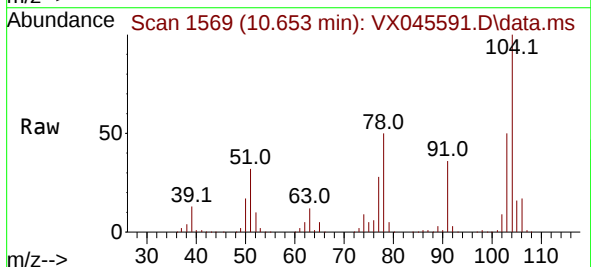
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#70
Styrene
Concen: 52.762 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion:104 Resp: 163226
Ion Ratio Lower Upper
104 100
78 57.1 45.4 68.2
103 56.0 43.8 65.8





#71

Bromoform

Concen: 53.418 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MS

Tgt Ion:173 Resp: 4044

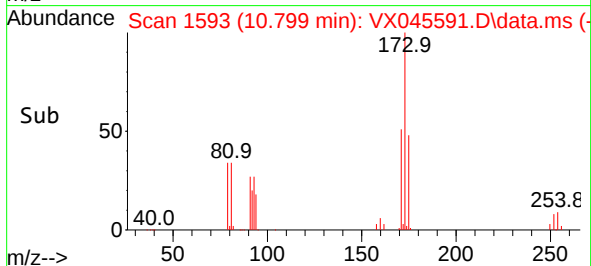
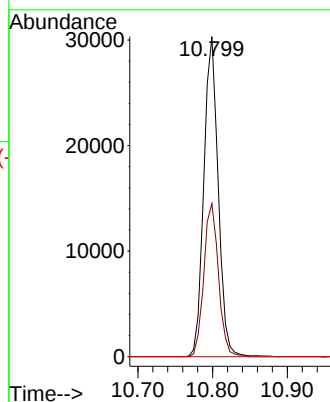
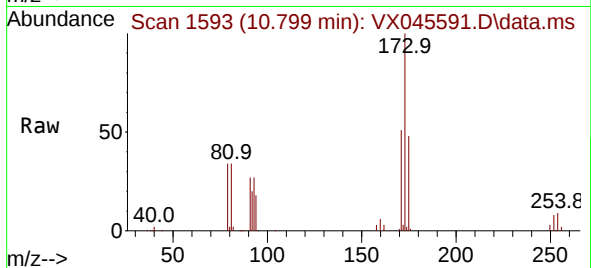
Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.4	70.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

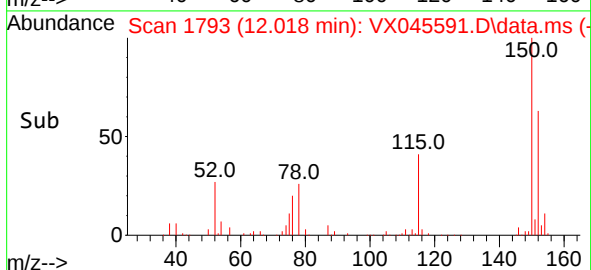
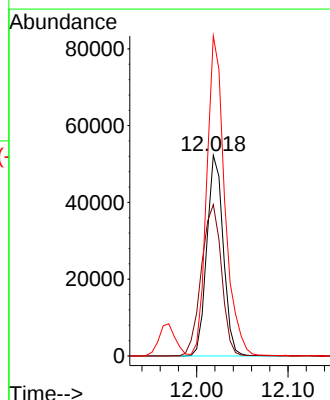
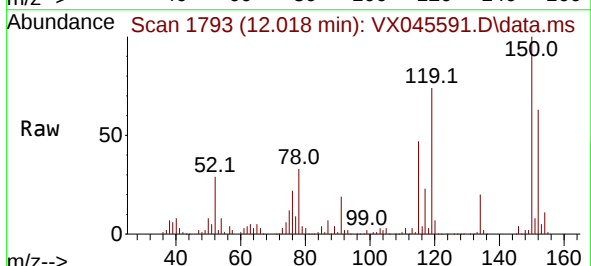
Delta R.T. 0.000 min

Lab File: VX045591.D

Acq: 04 Apr 2025 12:04

Tgt Ion:152 Resp: 64924

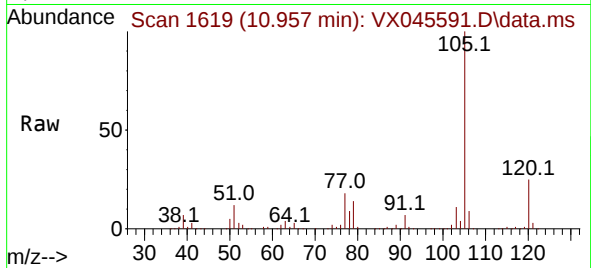
Ion	Ratio	Lower	Upper
152	100		
115	93.0	46.9	140.7
150	174.8	0.0	349.4





#73
Isopropylbenzene
Concen: 48.431 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

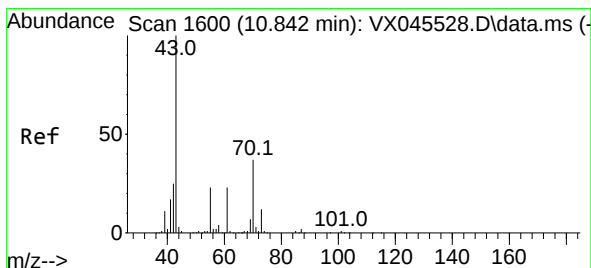
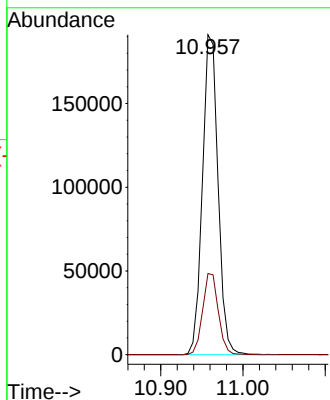
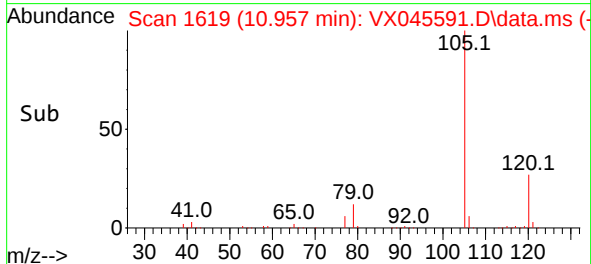
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion:105 Resp: 25186
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

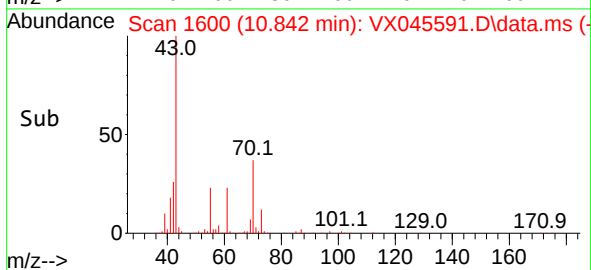
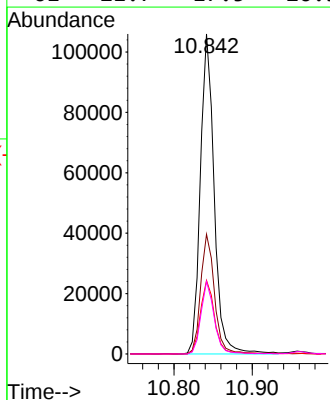
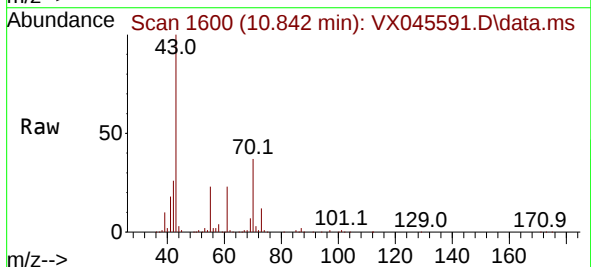
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
N-ethyl acetate
Concen: 52.306 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Tgt Ion: 43 Resp: 130118
Ion Ratio Lower Upper
43 100
70 37.3 30.1 45.1
55 23.7 18.3 27.5
61 21.7 17.5 26.3





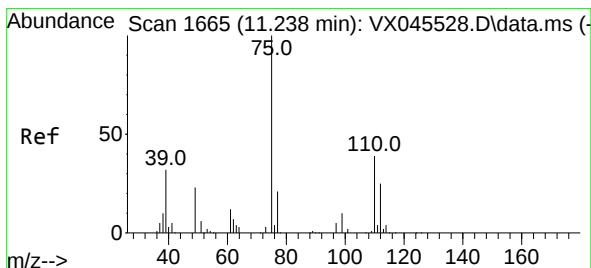
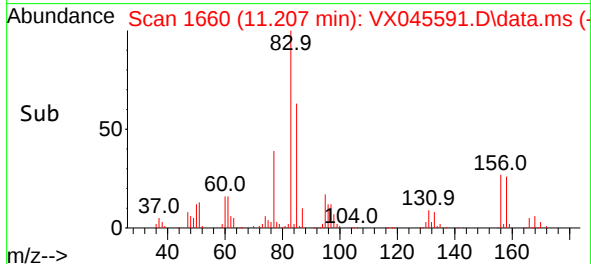
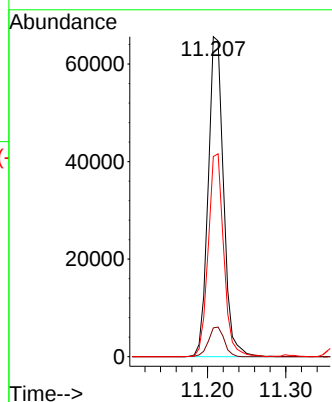
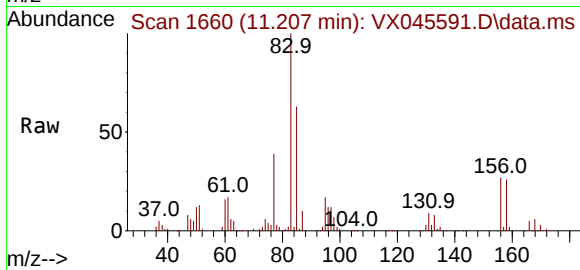
#75
1,1,2,2-Tetrachloroethane
Concen: 48.819 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 83 Resp: 89180
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 63.9 32.4 97.2

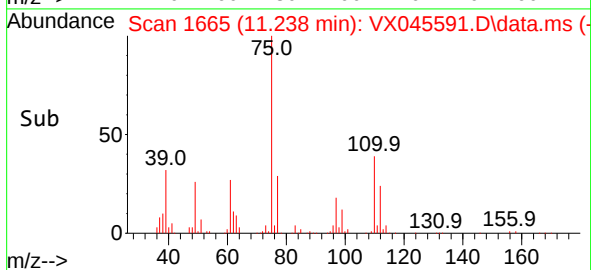
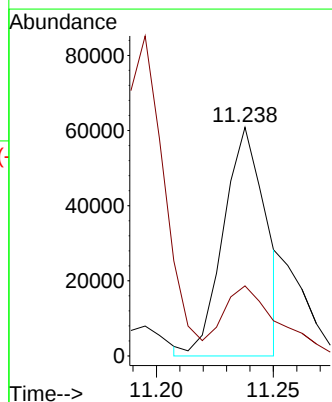
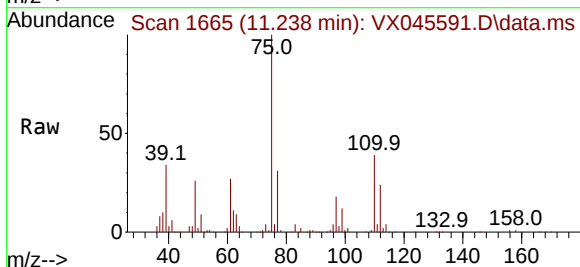
Manual Integrations
APPROVED

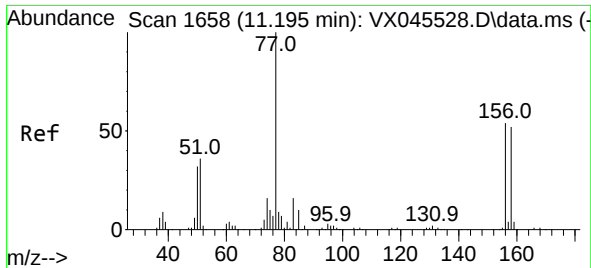
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,2,3-Trichloropropane
Concen: 48.466 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

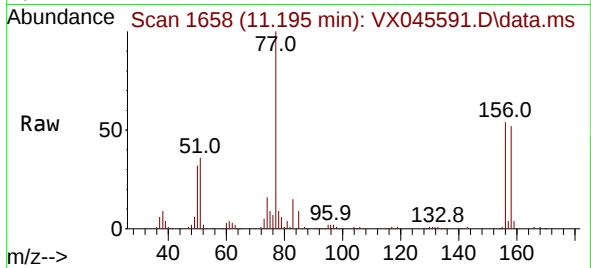
Tgt Ion: 75 Resp: 76754
Ion Ratio Lower Upper
75 100
77 40.0 20.0 59.9





#77
Bromobenzene
Concen: 48.251 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

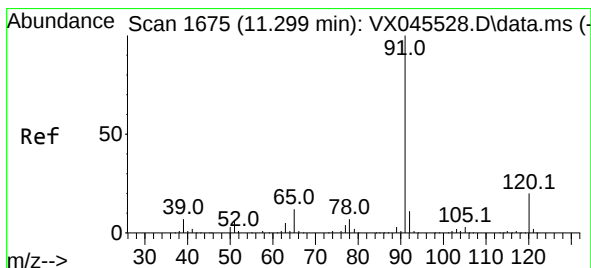
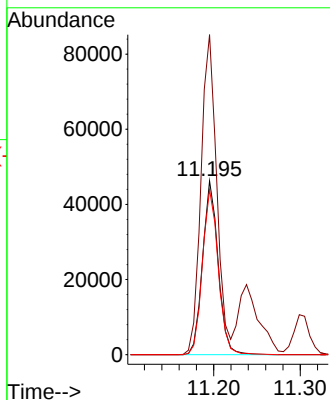
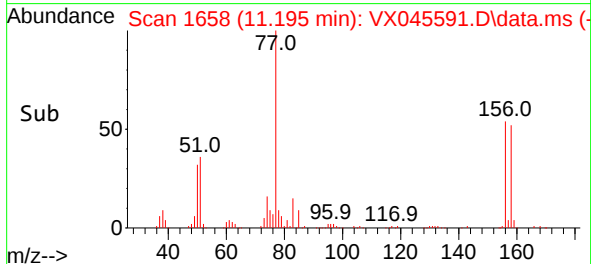
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



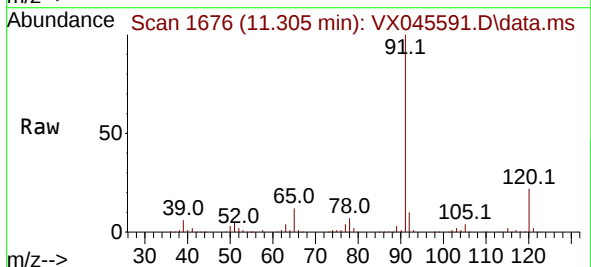
Tgt Ion:156 Resp: 57978
Ion Ratio Lower Upper
156 100
77 185.1 92.6 277.8
158 96.0 48.1 144.4

Manual Integrations
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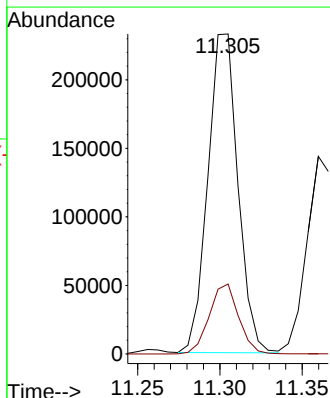
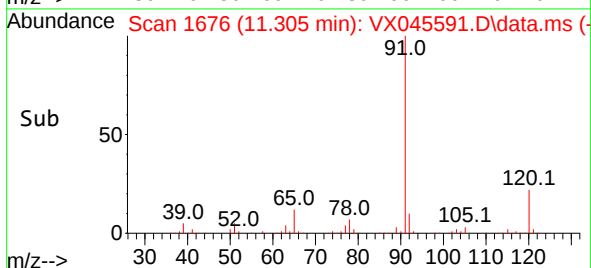
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

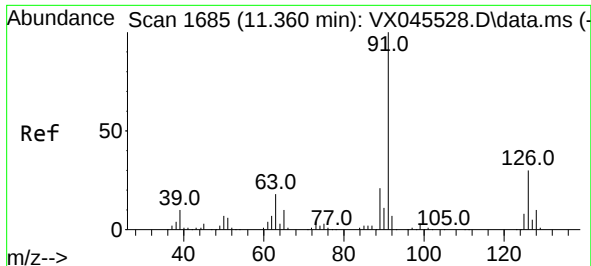


#78
n-propylbenzene
Concen: 49.387 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



Tgt Ion: 91 Resp: 295835
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





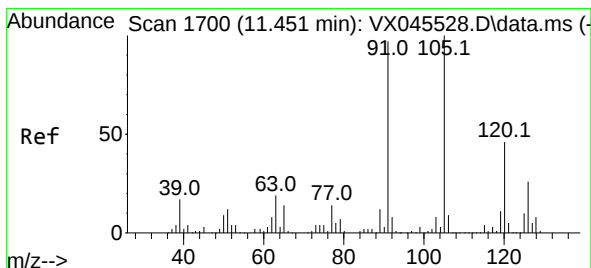
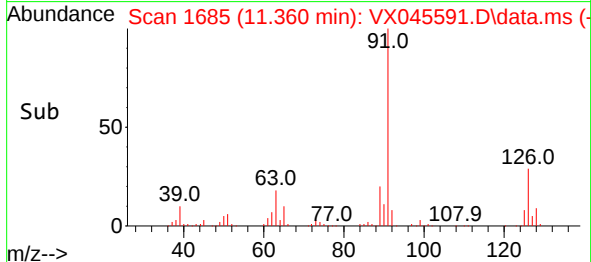
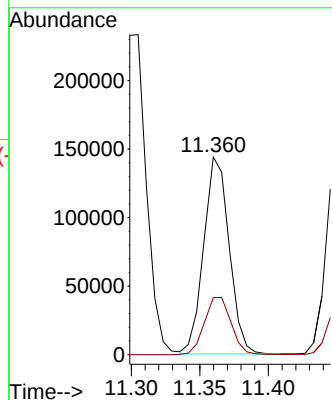
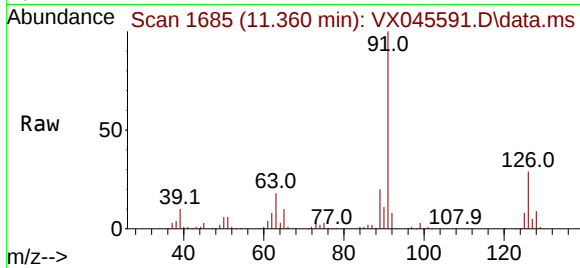
#79
2-Chlorotoluene
Concen: 48.369 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS

Tgt Ion: 91 Resp: 185225
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.4

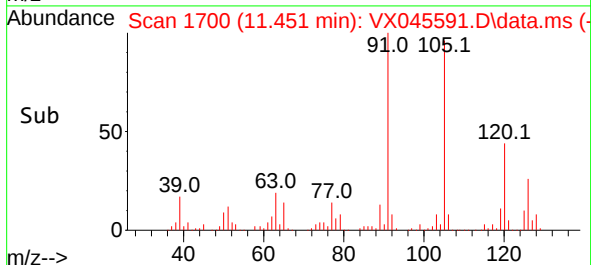
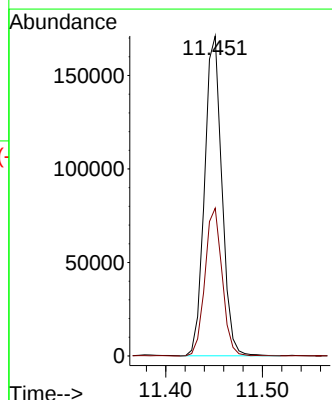
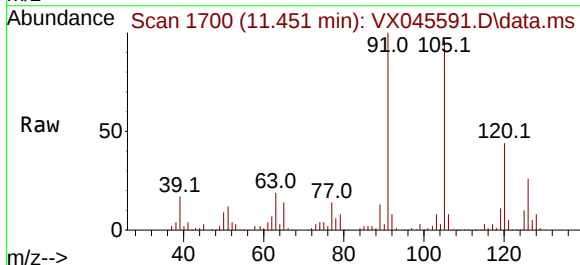
Manual Integrations
APPROVED

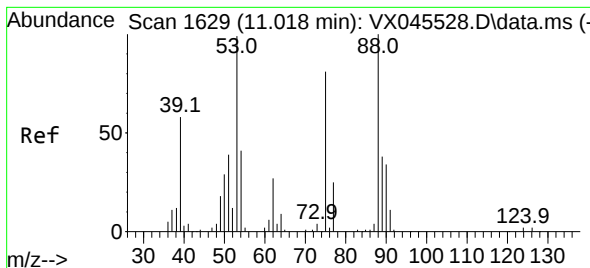
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.619 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

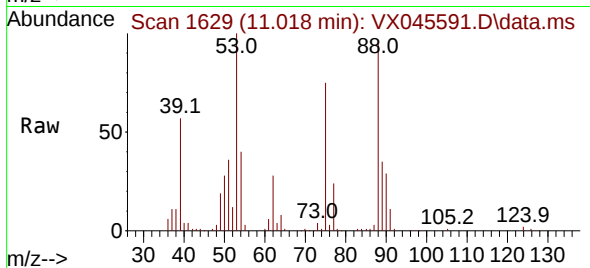
Tgt Ion:105 Resp: 213377
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.201 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

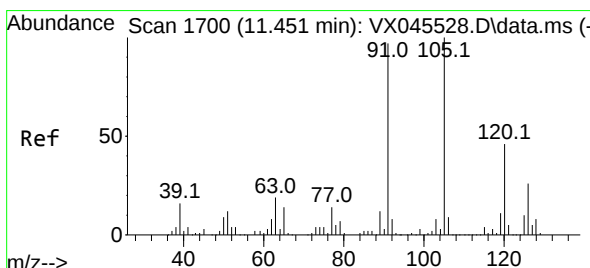
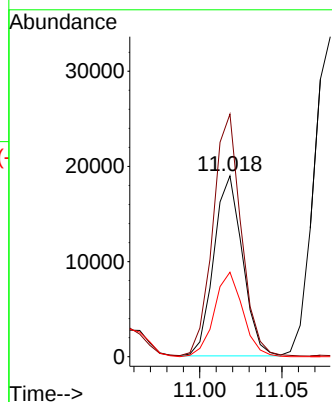
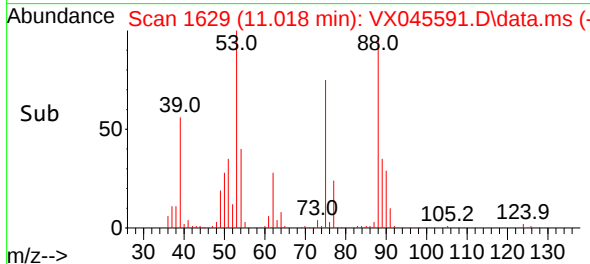
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 75 Resp: 22958
Ion Ratio Lower Upper
75 100
53 132.8 101.8 152.6
89 46.6 37.2 55.8

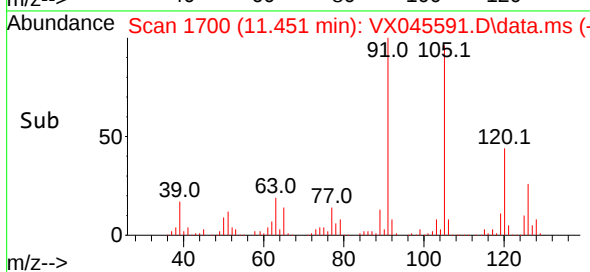
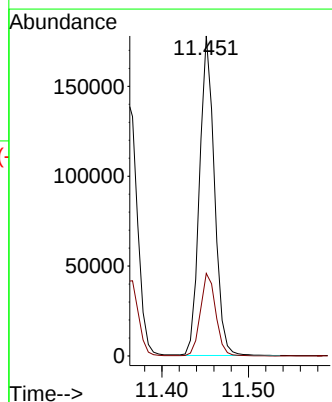
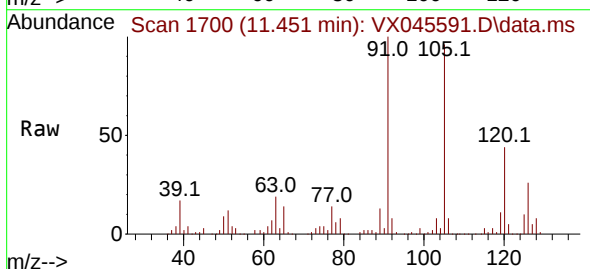
Manual Integrations
APPROVED

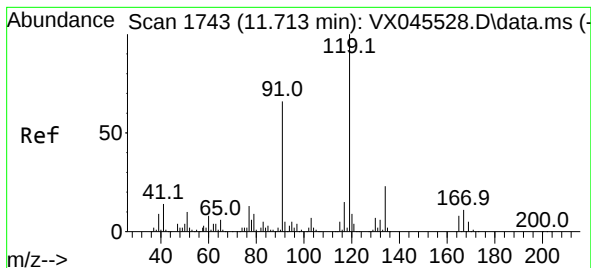
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#82
4-Chlorotoluene
Concen: 49.723 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

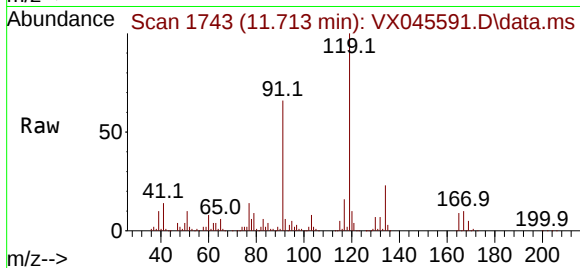
Tgt Ion: 91 Resp: 212300
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 49.658 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

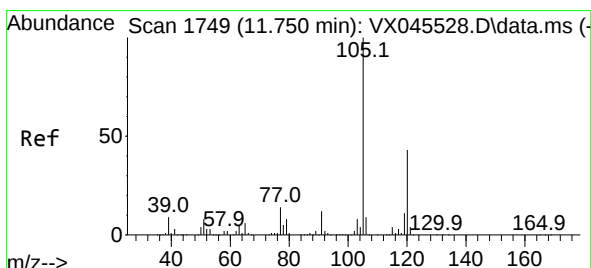
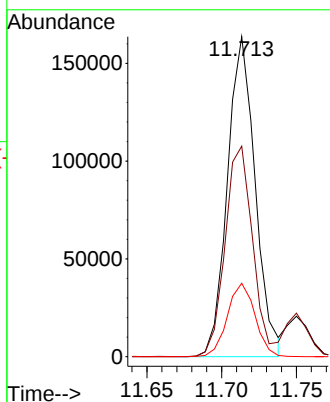
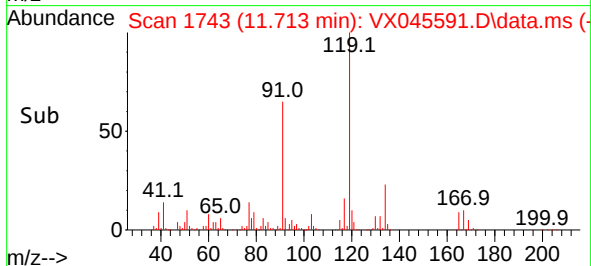
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



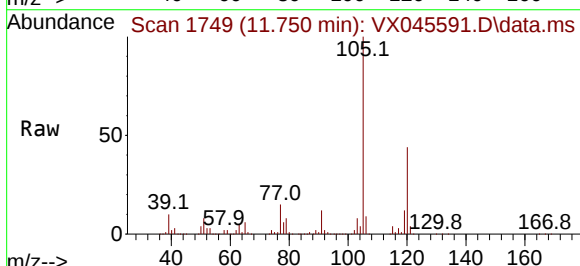
Tgt Ion:119 Resp: 21141
Ion Ratio Lower Upper
119 100
91 64.5 32.4 97.2
134 22.9 11.5 34.5

Manual Integrations
APPROVED

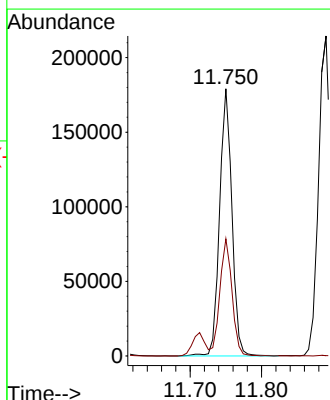
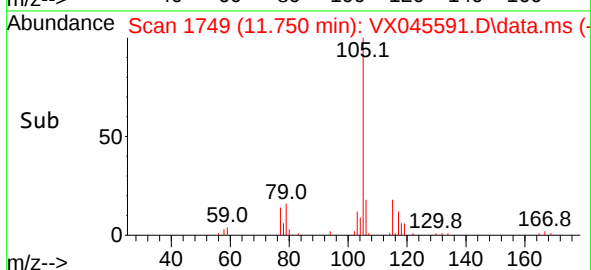
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 49.627 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



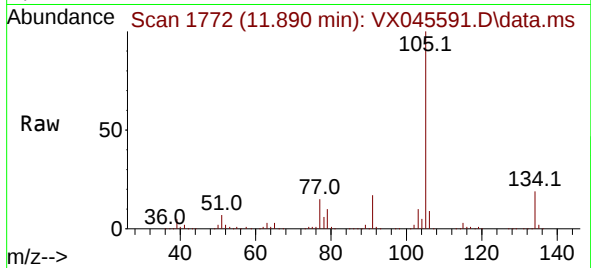
Tgt Ion:105 Resp: 214201
Ion Ratio Lower Upper
105 100
120 43.4 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 50.337 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045591.D
 Acq: 04 Apr 2025 12:04

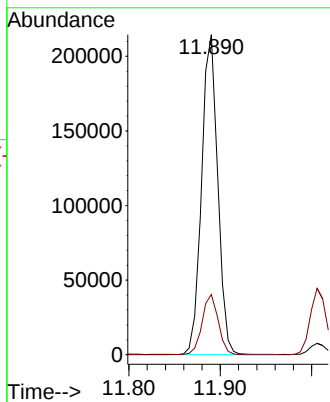
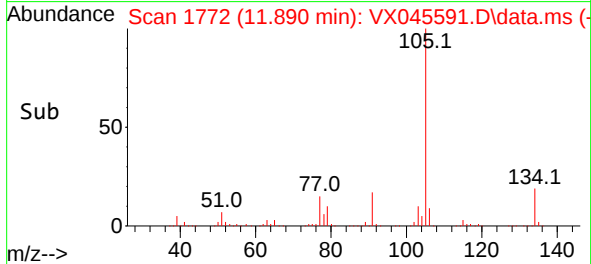
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MS



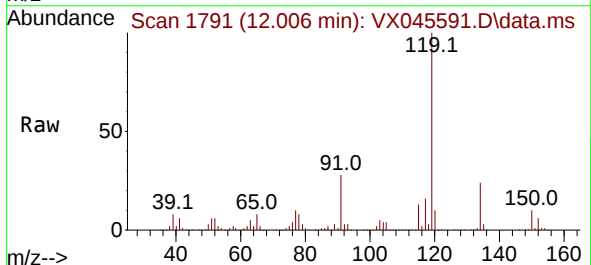
Tgt Ion:105 Resp: 26322
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

Manual Integrations
 APPROVED

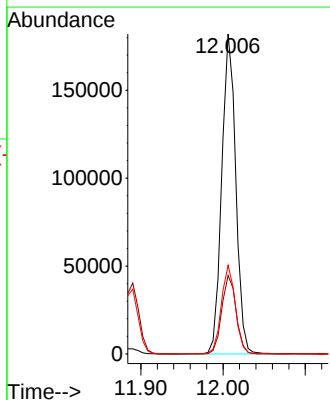
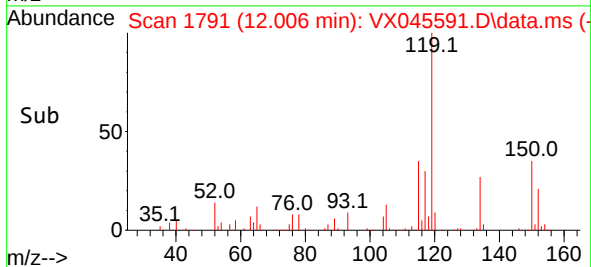
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025

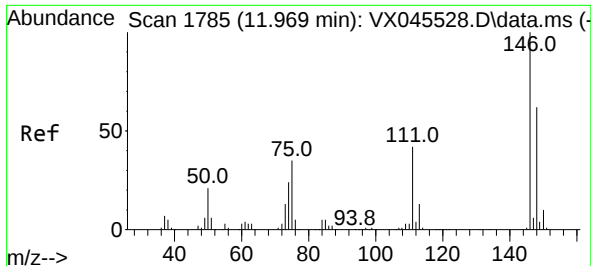


#86
 p-Isopropyltoluene
 Concen: 50.074 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045591.D
 Acq: 04 Apr 2025 12:04



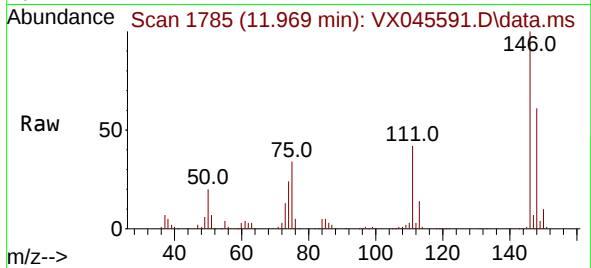
Tgt Ion:119 Resp: 215878
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.5 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 48.200 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

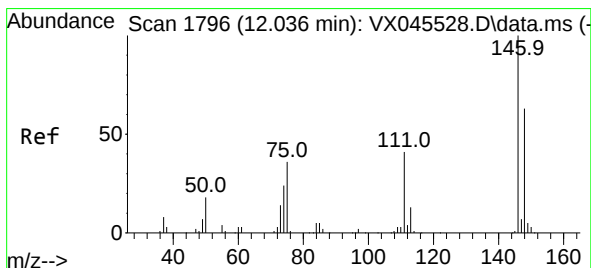
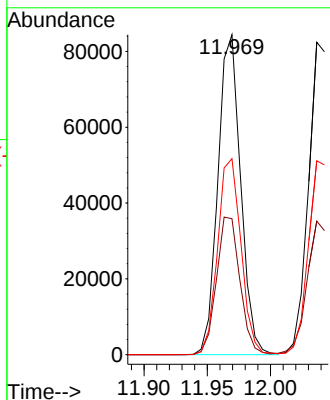
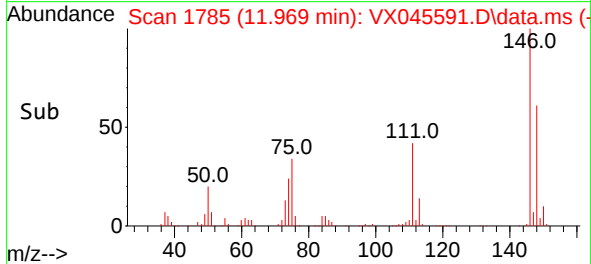
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion:146 Resp: 105420
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 63.1 31.9 95.7

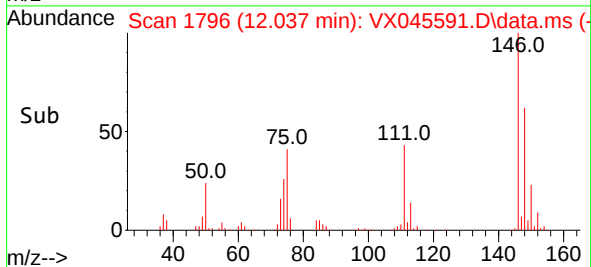
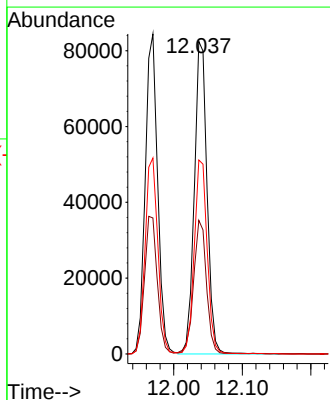
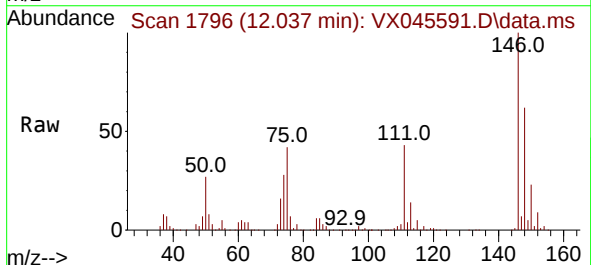
Manual Integrations
APPROVED

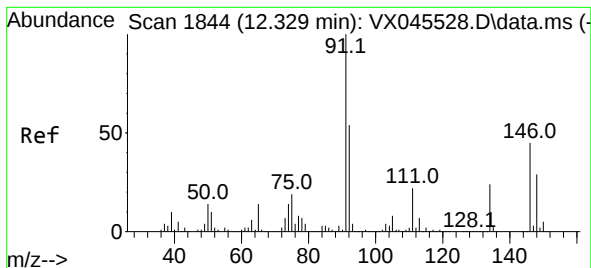
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#88
1,4-Dichlorobenzene
Concen: 48.117 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

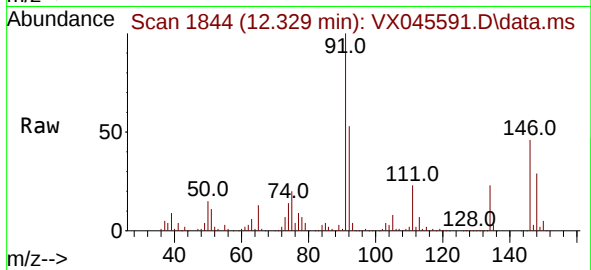
Tgt Ion:146 Resp: 106695
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 62.8 31.5 94.5





#89
n-Butylbenzene
Concen: 51.887 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

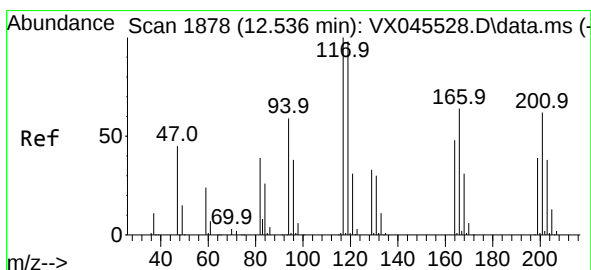
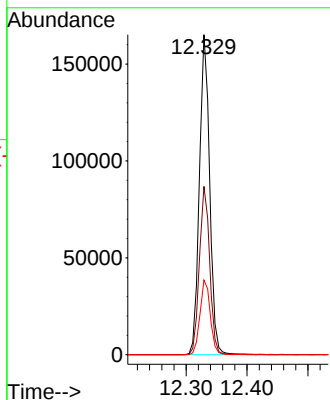
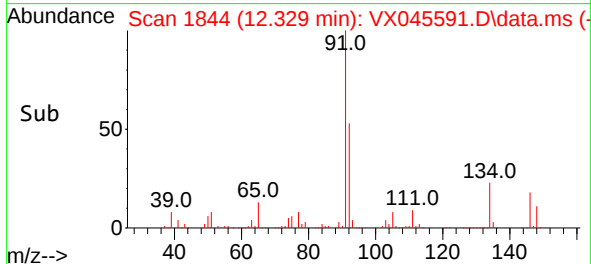
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



Tgt Ion: 91 Resp: 193978
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.6
134 23.5 11.9 35.7

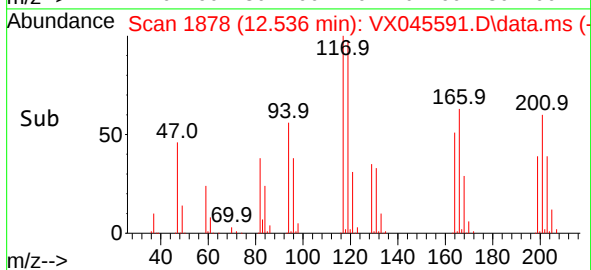
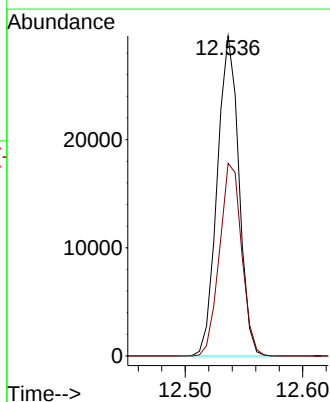
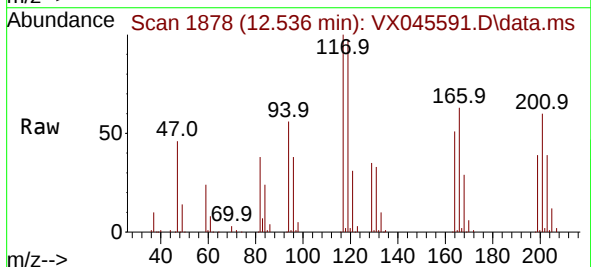
Manual Integrations
APPROVED

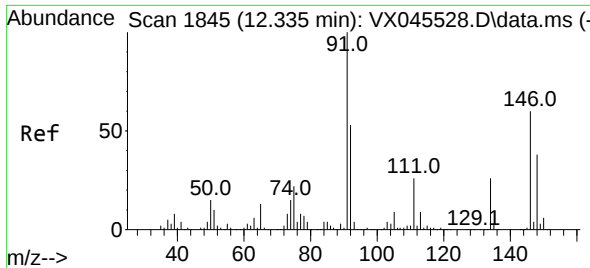
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#90
Hexachloroethane
Concen: 51.044 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

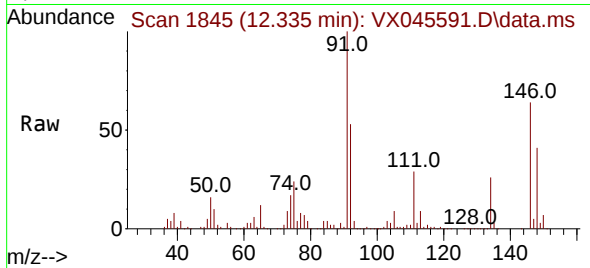
Tgt Ion:117 Resp: 37819
Ion Ratio Lower Upper
117 100
201 61.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 48.446 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

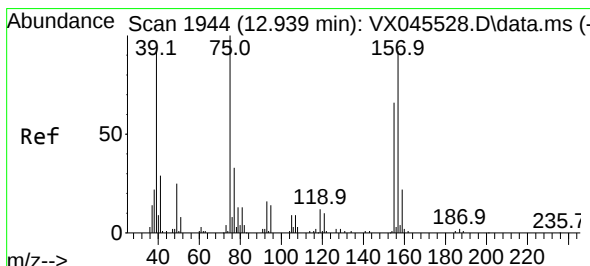
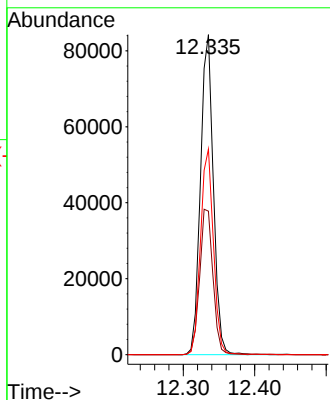
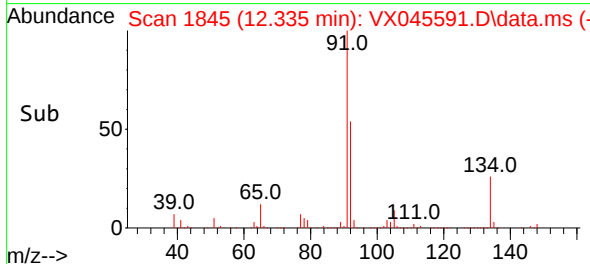
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



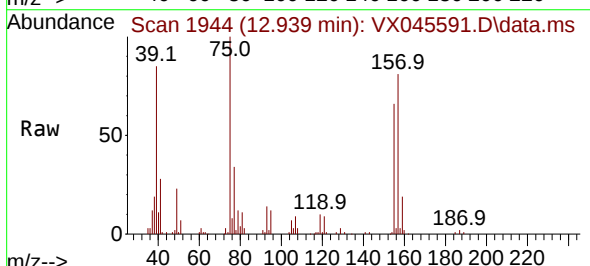
Tgt Ion:146 Resp: 10535
Ion Ratio Lower Upper
146 100
111 47.0 22.9 68.8
148 64.4 31.9 95.5

Manual Integrations
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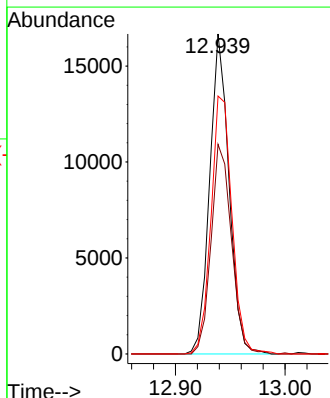
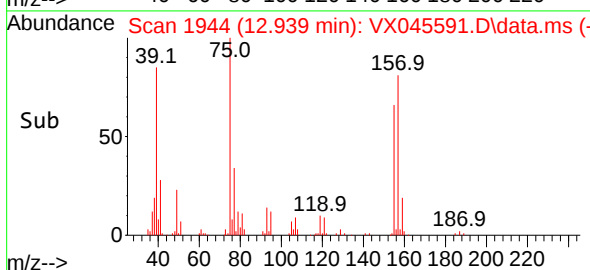
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

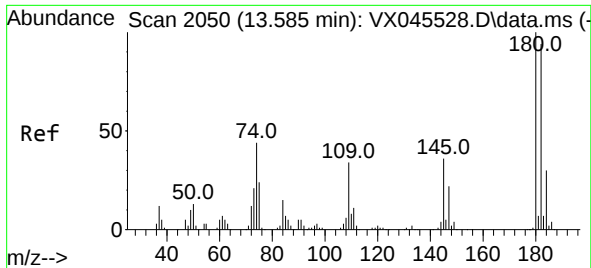


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.397 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



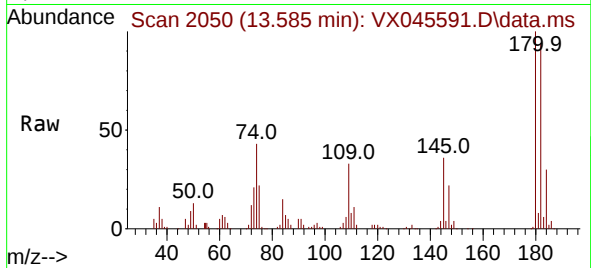
Tgt Ion: 75 Resp: 20401
Ion Ratio Lower Upper
75 100
155 69.1 34.9 104.7
157 87.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.234 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

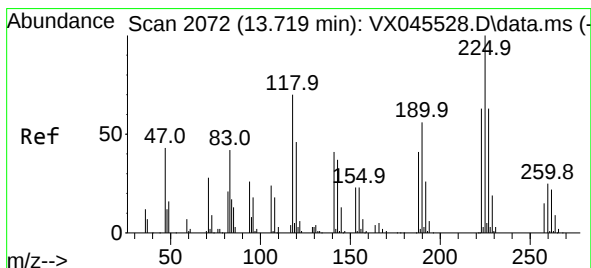
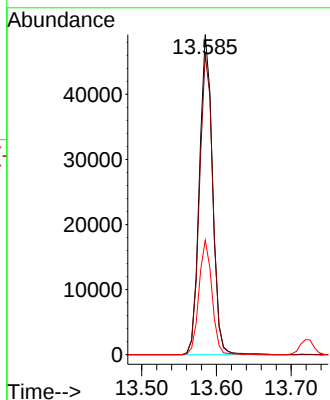
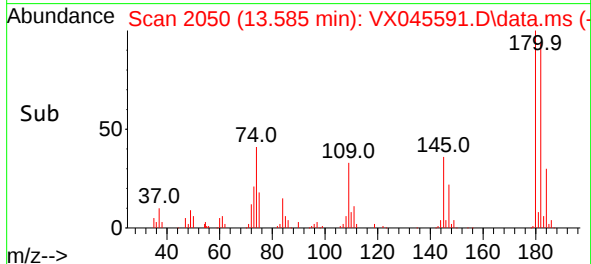
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



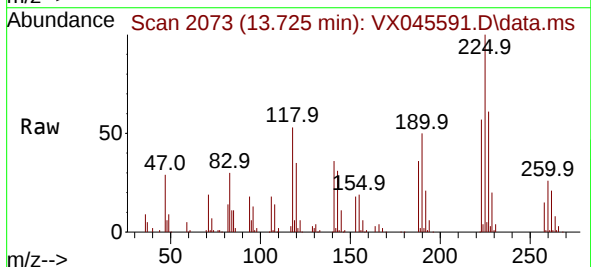
Tgt Ion:180 Resp: 5959
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 35.7 17.9 53.8

Manual Integrations
APPROVED

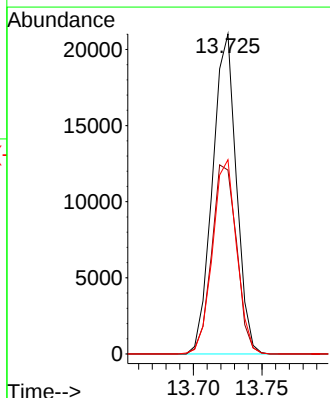
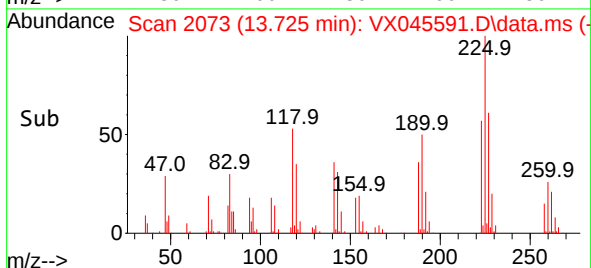
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

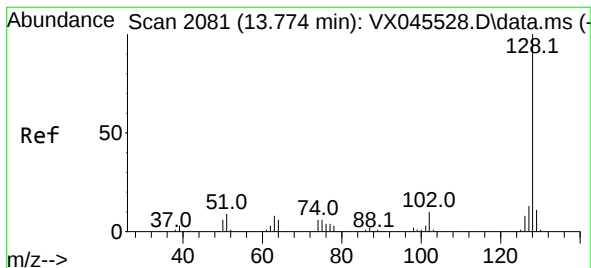


#94
Hexachlorobutadiene
Concen: 48.691 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



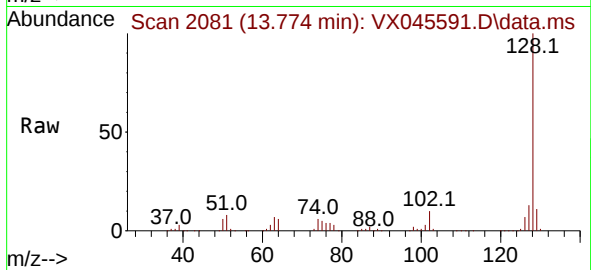
Tgt Ion:225 Resp: 25397
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.3
227 61.3 32.2 96.6





#95
Naphthalene
Concen: 50.831 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04

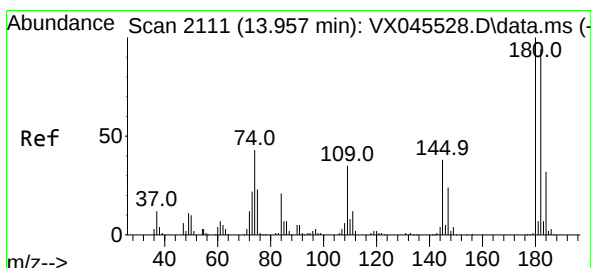
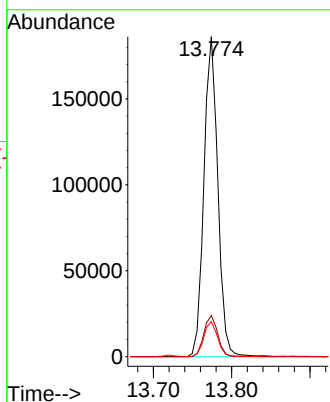
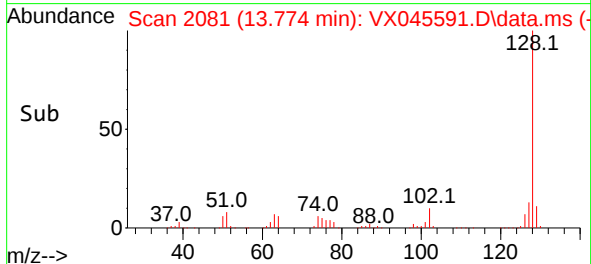
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MS



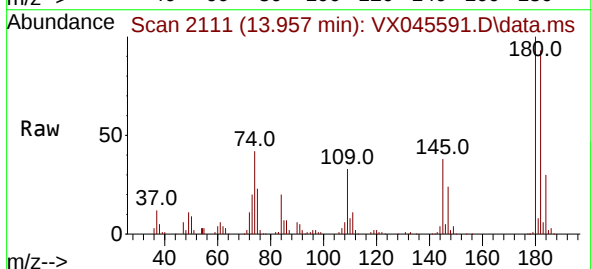
Tgt Ion:128 Resp: 228969
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.248 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045591.D
Acq: 04 Apr 2025 12:04



Tgt Ion:180 Resp: 62422
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 36.7 18.2 54.6

