

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047951.D
 Acq On : 01 Oct 2025 18:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Oct 03 01:29:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	124660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101072	50.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.373	113	78410	51.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.635	98	266707	50.632	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.061	95	103069	51.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	67209	52.065	ug/l	99
3) Chloromethane	1.301	50	80963	47.722	ug/l	99
4) Vinyl Chloride	1.380	62	85210	51.308	ug/l	99
5) Bromomethane	1.612	94	56958	54.086	ug/l	99
6) Chloroethane	1.697	64	55454	49.959	ug/l	100
7) Trichlorofluoromethane	1.898	101	128341	52.047	ug/l	96
8) Diethyl Ether	2.136	74	53246	52.786	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	73923	51.269	ug/l	99
10) Methyl Iodide	2.459	142	106016	47.145	ug/l	99
11) Tert butyl alcohol	2.947	59	54886	248.358	ug/l	99
12) 1,1-Dichloroethene	2.325	96	75949	51.279	ug/l	95
13) Acrolein	2.240	56	47165	231.598	ug/l	98
14) Allyl chloride	2.666	41	147774	48.351	ug/l	98
15) Acrylonitrile	3.063	53	237904	290.630	ug/l	99
16) Acetone	2.374	43	189112	219.192	ug/l	99
17) Carbon Disulfide	2.520	76	191428	47.212	ug/l	99
18) Methyl Acetate	2.703	43	117298	61.090	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	292311	54.065	ug/l	99
20) Methylene Chloride	2.788	84	96882	53.050	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	81281	50.973	ug/l	98
22) Diisopropyl ether	3.758	45	319485	53.938	ug/l	97
23) Vinyl Acetate	3.715	43	1303516	274.971	ug/l	99
24) 1,1-Dichloroethane	3.611	63	167944	53.346	ug/l	98
25) 2-Butanone	4.544	43	286746	266.444	ug/l	97
26) 2,2-Dichloropropane	4.471	77	108024	41.278	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	102913	52.700	ug/l	97
28) Bromochloromethane	4.885	49	75845	55.184	ug/l	98
29) Tetrahydrofuran	4.995	42	182504	281.897	ug/l	100
30) Chloroform	5.080	83	173609	54.571	ug/l	100
31) Cyclohexane	5.465	56	125293	47.784	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	143628	53.226	ug/l	99
36) 1,1-Dichloropropene	5.684	75	106778	48.001	ug/l	98
37) Ethyl Acetate	4.702	43	124608	52.317	ug/l	99
38) Carbon Tetrachloride	5.666	117	121207	50.149	ug/l	98
39) Methylcyclohexane	7.367	83	117508	46.536	ug/l	100
40) Benzene	6.025	78	350517	51.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	70523	57.354	ug/l	99
42) 1,2-Dichloroethane	6.074	62	134642	52.376	ug/l	99
43) Isopropyl Acetate	6.324	43	209765	53.699	ug/l	100
44) Trichloroethene	7.111	130	83472	51.102	ug/l	100
45) 1,2-Dichloropropane	7.415	63	92922	53.711	ug/l	97
46) Dibromomethane	7.568	93	67714	53.786	ug/l	97
47) Bromodichloromethane	7.806	83	142081	54.690	ug/l	97
48) Methyl methacrylate	7.678	41	105840	54.395	ug/l	98
49) 1,4-Dioxane	7.647	88	24256	1233.522	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	628101	290.007	ug/l	100
52) Toluene	8.702	92	217465	52.243	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	137793	51.999	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	145487	51.366	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	90452	56.354	ug/l	99
56) Ethyl methacrylate	9.104	69	140278	55.650	ug/l	98
57) 1,3-Dichloropropane	9.293	76	154812	56.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	349890	287.656	ug/l	100
59) 2-Hexanone	9.415	43	436044	280.325	ug/l	99
60) Dibromochloromethane	9.507	129	104459	56.483	ug/l	100
61) 1,2-Dibromoethane	9.592	107	92545	56.608	ug/l	100
64) Tetrachloroethene	9.263	164	68132	50.076	ug/l	95
65) Chlorobenzene	10.061	112	242961	51.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	87283	53.346	ug/l	98
67) Ethyl Benzene	10.177	91	413758	50.575	ug/l	99
68) m/p-Xylenes	10.287	106	312179	102.520	ug/l	98
69) o-Xylene	10.628	106	152586	51.807	ug/l	99
70) Styrene	10.640	104	270885	52.490	ug/l	99
71) Bromoform	10.781	173	67667	55.387	ug/l #	96
73) Isopropylbenzene	10.945	105	387978	49.069	ug/l	100
74) N-amyl acetate	10.829	43	186045	51.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	128423	53.684	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	100244m	47.606	ug/l	
77) Bromobenzene	11.183	156	97437	50.034	ug/l	99
78) n-propylbenzene	11.287	91	457669	48.965	ug/l	99
79) 2-Chlorotoluene	11.348	91	282868	49.411	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	318890	49.089	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	38178	46.236	ug/l	99
82) 4-Chlorotoluene	11.439	91	334477	49.470	ug/l	100
83) tert-Butylbenzene	11.695	119	321817	48.394	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	326533	49.580	ug/l	100
85) sec-Butylbenzene	11.872	105	388696	49.209	ug/l	100
86) p-Isopropyltoluene	11.994	119	320945	47.994	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	179605	49.654	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	182671	49.206	ug/l	100
89) n-Butylbenzene	12.317	91	295960	47.831	ug/l	99
90) Hexachloroethane	12.518	117	59726	50.871	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	174092	50.519	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	25868	53.410	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	108351	48.379	ug/l	99
94) Hexachlorobutadiene	13.701	225	35255	46.344	ug/l	98
95) Naphthalene	13.756	128	351451	51.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	105429	50.606	ug/l	97

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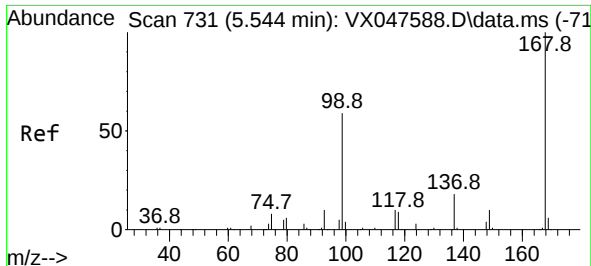
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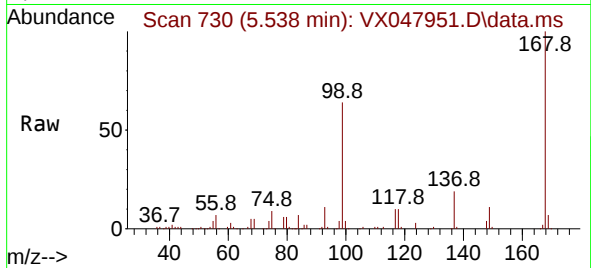
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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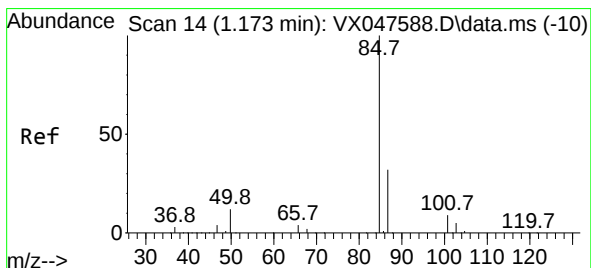
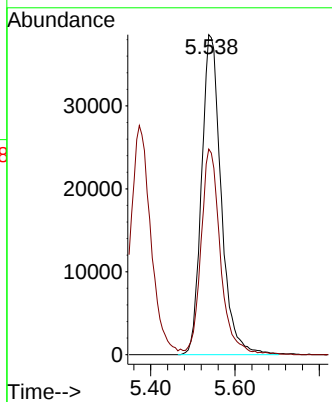
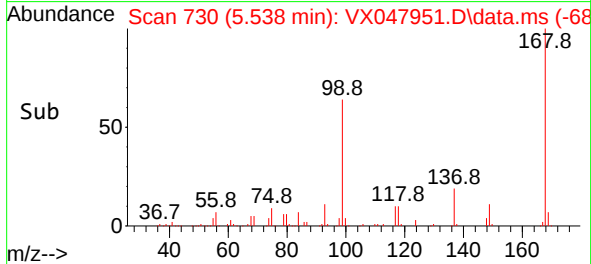
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 124660
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2

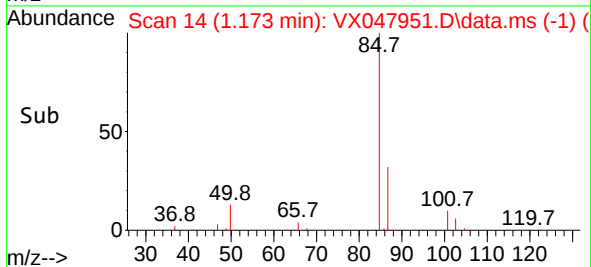
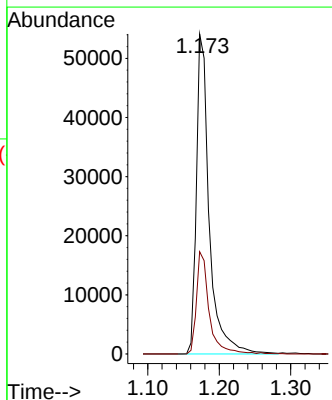
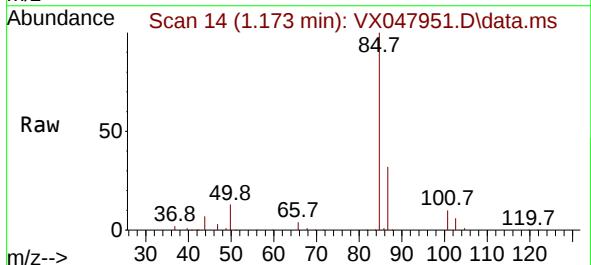
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#2
Dichlorodifluoromethane
Concen: 52.065 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 85 Resp: 67209
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.3





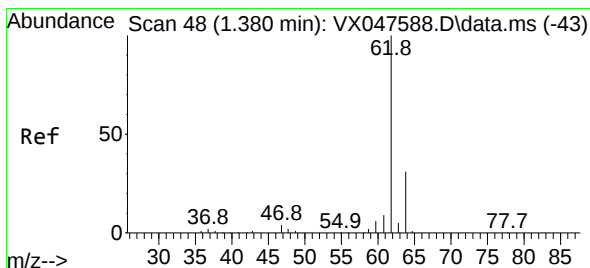
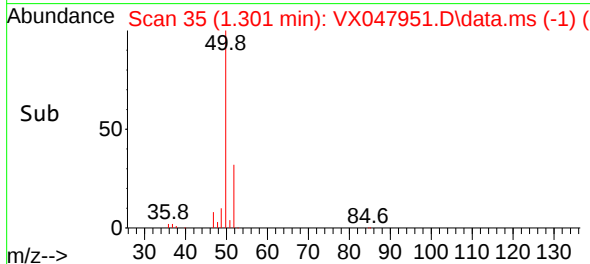
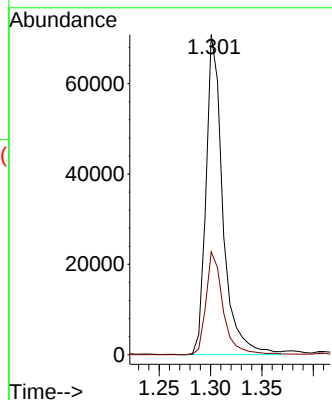
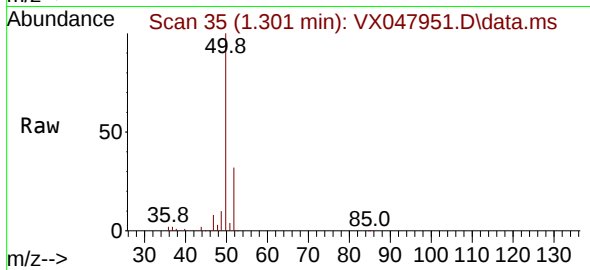
#3
Chloromethane
Concen: 47.722 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8096
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

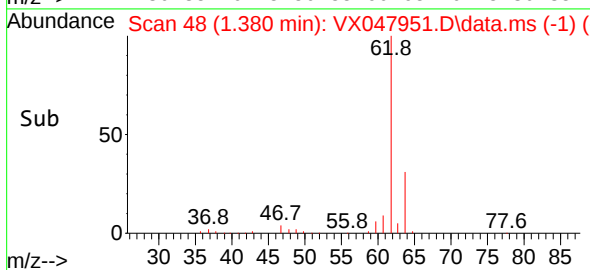
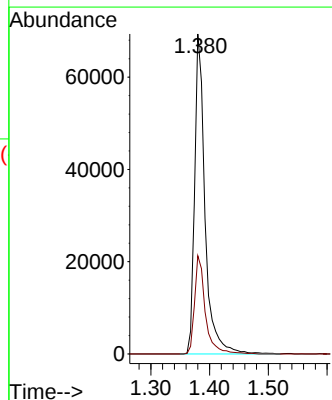
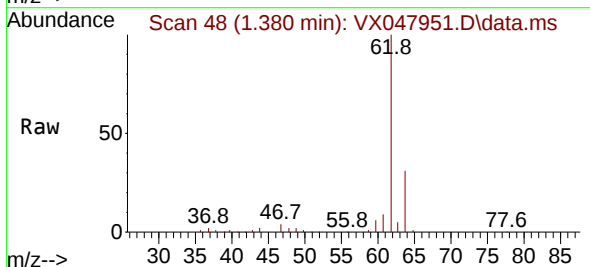
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#4
Vinyl Chloride
Concen: 51.308 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

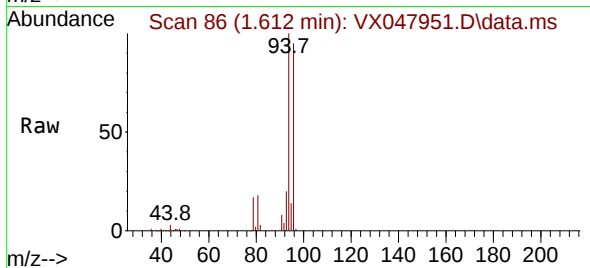
Tgt Ion: 62 Resp: 85210
Ion Ratio Lower Upper
62 100
64 30.7 24.9 37.3





#5
Bromomethane
Concen: 54.086 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

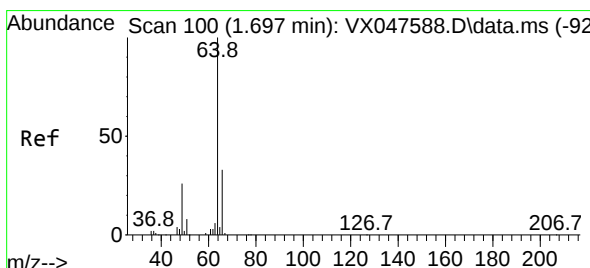
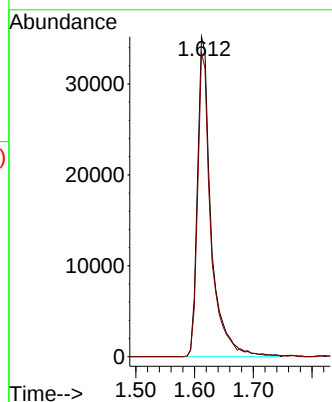
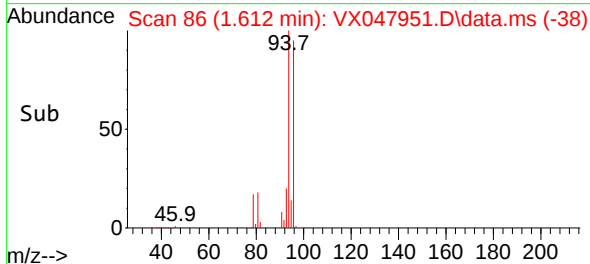
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 56958
Ion Ratio Lower Upper
94 100
96 95.0 76.6 115.0

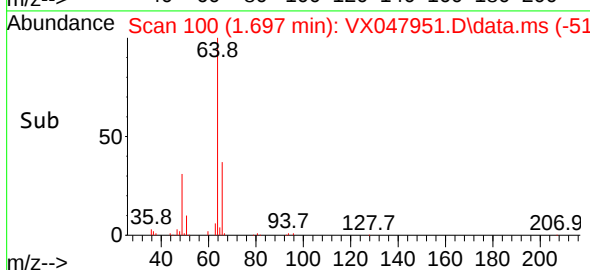
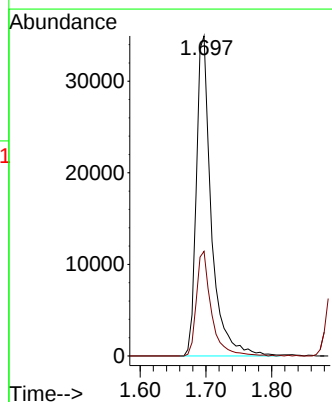
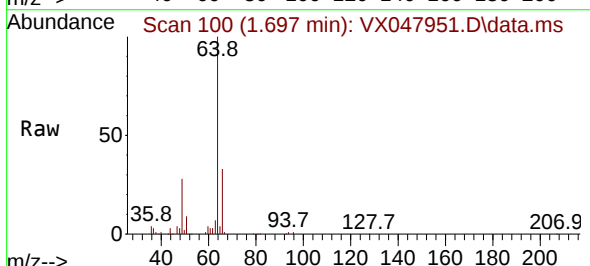
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#6
Chloroethane
Concen: 49.959 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

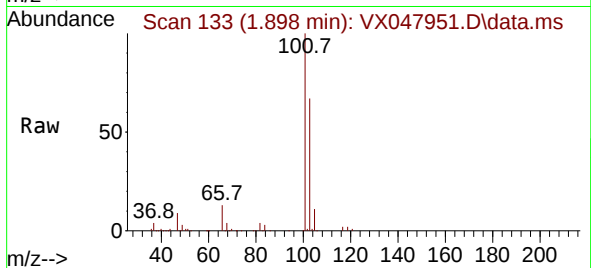
Tgt Ion: 64 Resp: 55454
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 52.047 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

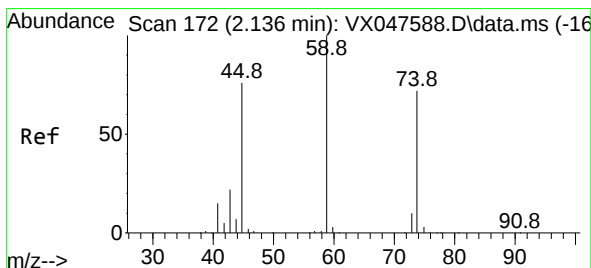
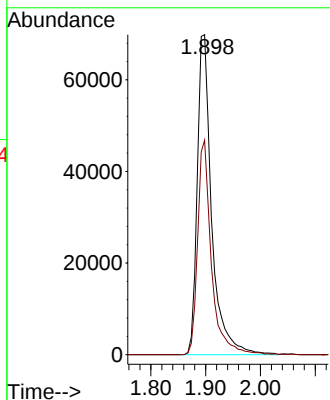
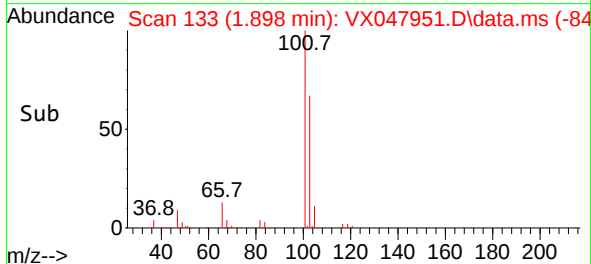
Instrument :
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Tgt Ion:101 Resp: 12834
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.2

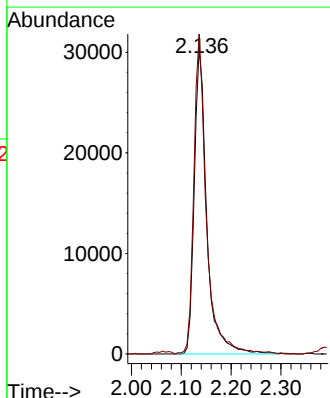
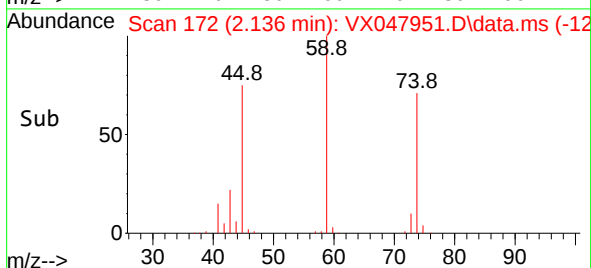
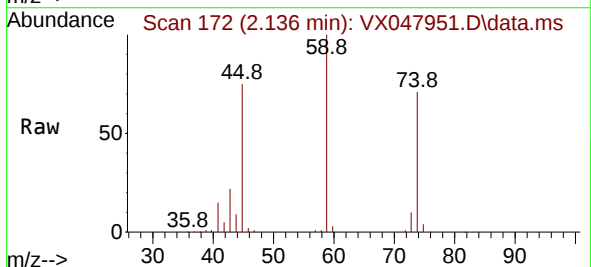
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#8
Diethyl Ether
Concen: 52.786 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

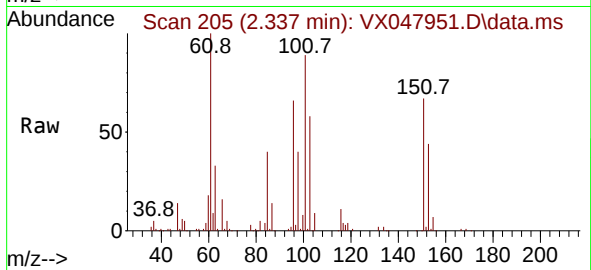
Tgt Ion: 74 Resp: 53246
Ion Ratio Lower Upper
74 100
45 104.8 52.3 156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.269 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047951.D
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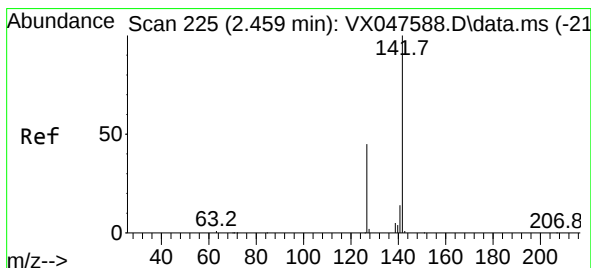
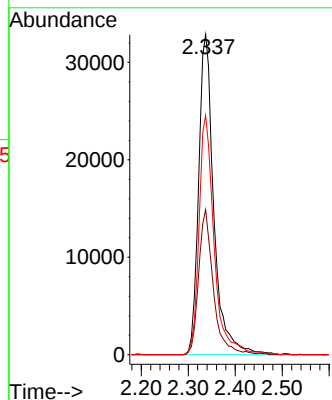
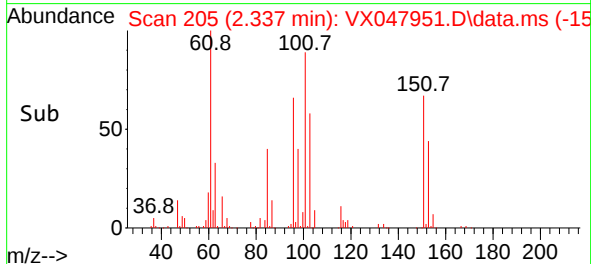
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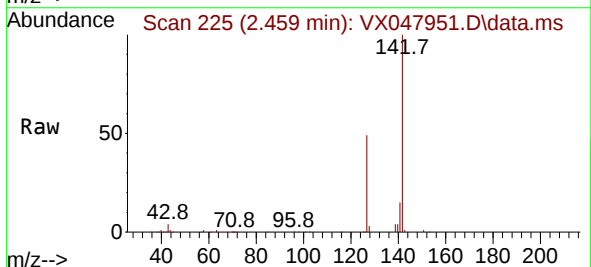
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Ion Ratio Lower Upper
101 100
85 43.9 35.5 53.3
151 74.6 59.4 89.0

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APPROVED

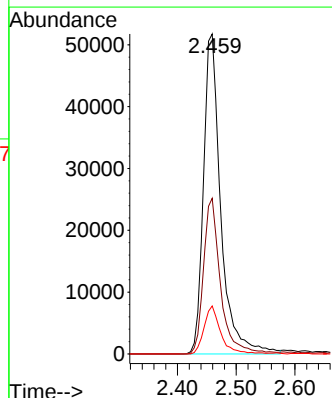
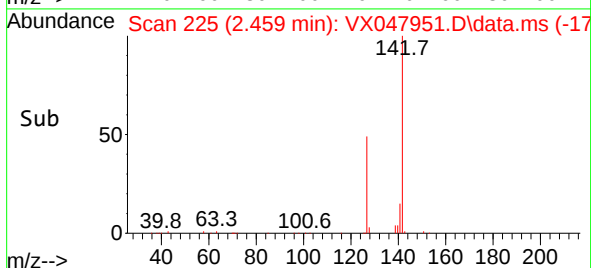
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

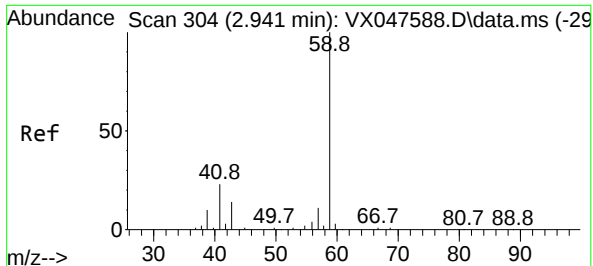


#10
Methyl Iodide
Concen: 47.145 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



Tgt Ion:142 Resp: 106016
Ion Ratio Lower Upper
142 100
127 47.7 37.2 55.8
141 14.4 11.4 17.0





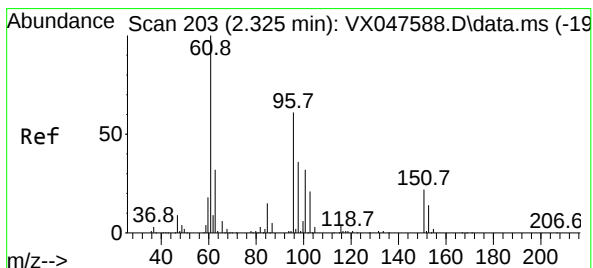
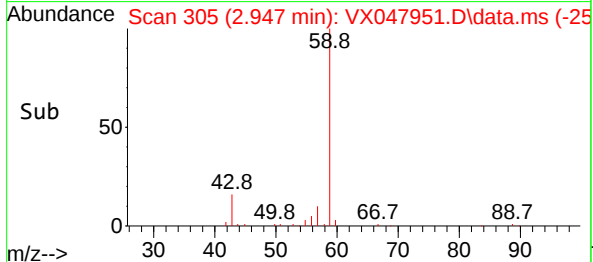
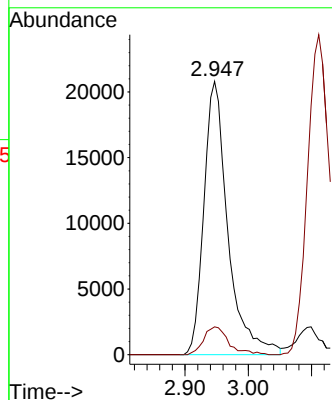
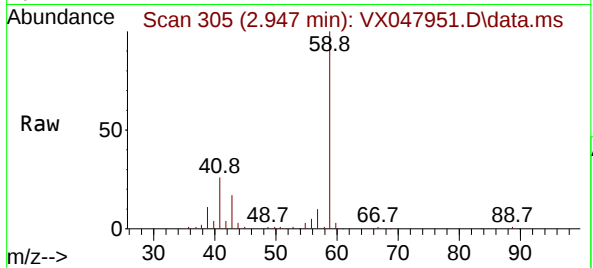
#11
Tert butyl alcohol
Concen: 248.358 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5488
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

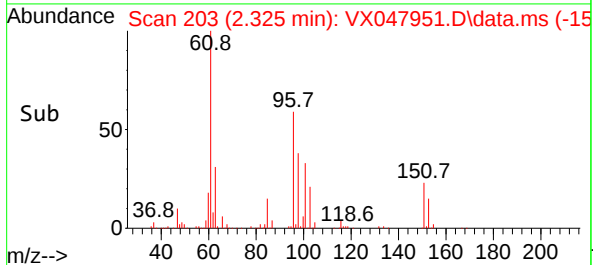
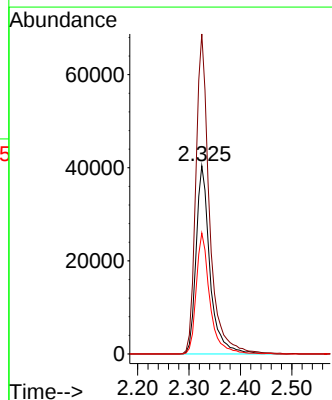
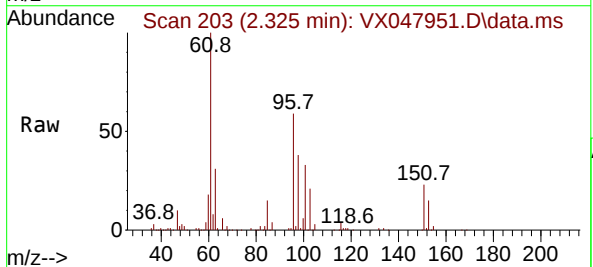
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#12
1,1-Dichloroethene
Concen: 51.279 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

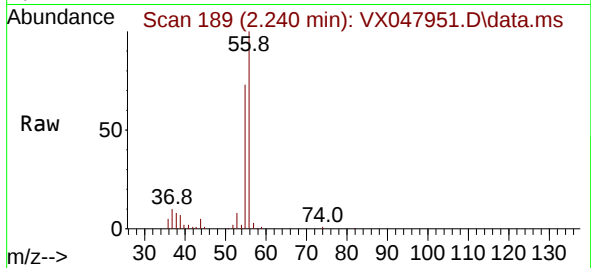
Tgt Ion: 96 Resp: 75949
Ion Ratio Lower Upper
96 100
61 170.1 131.0 196.6
98 64.3 47.7 71.5





#13
Acrolein
Concen: 231.598 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

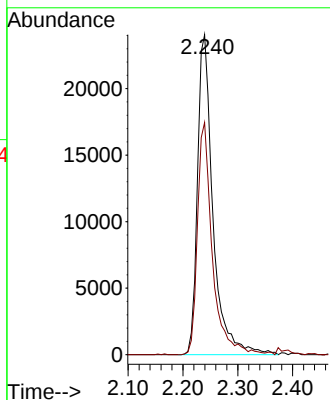
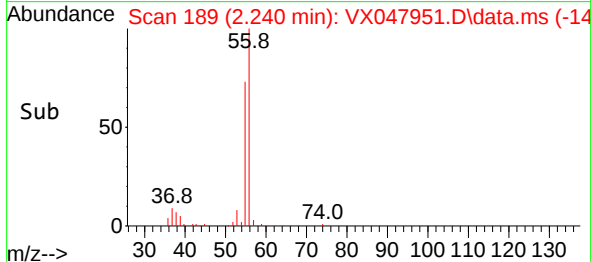
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4716
Ion Ratio Lower Upper
56 100
55 70.0 57.2 85.8

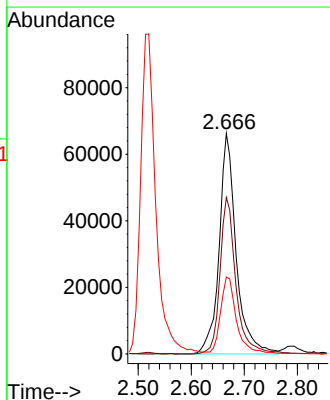
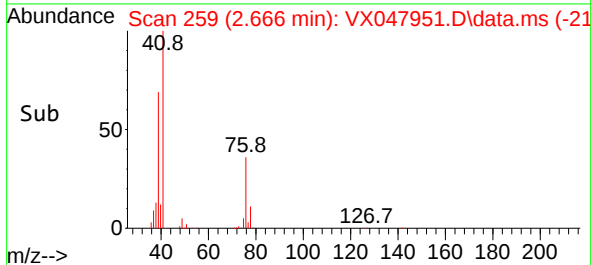
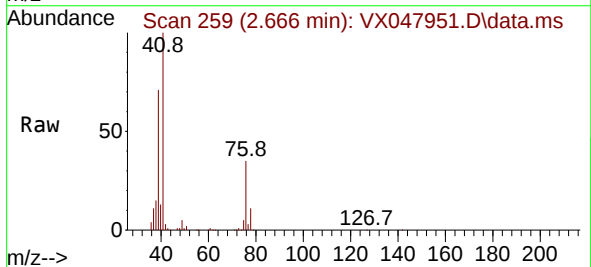
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 48.351 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

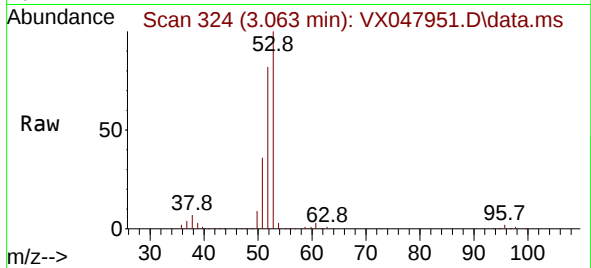
Tgt Ion: 41 Resp: 147774
Ion Ratio Lower Upper
41 100
39 66.5 54.7 82.1
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 290.630 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

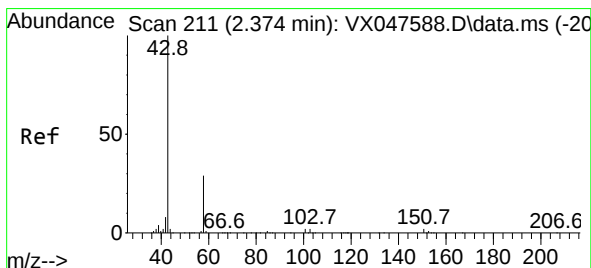
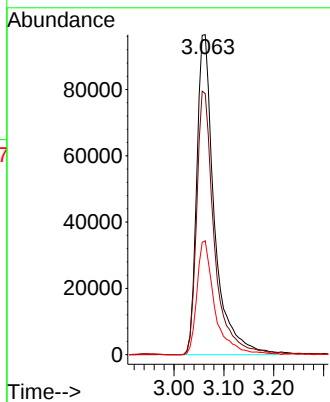
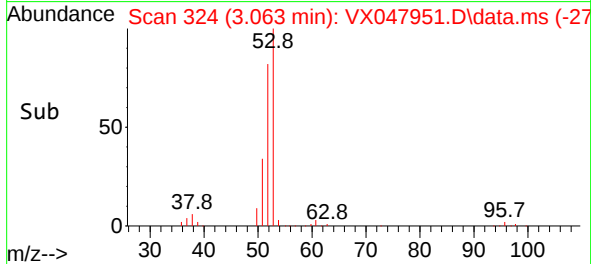
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 237904
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.2 29.5 44.3

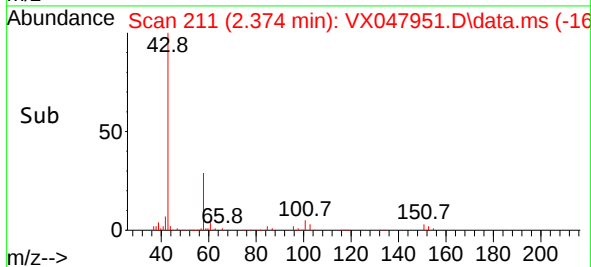
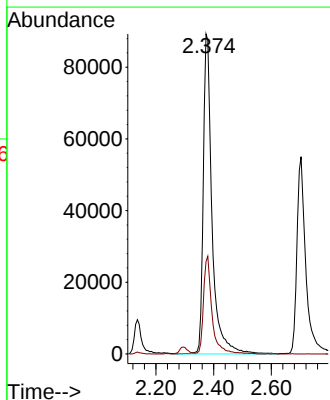
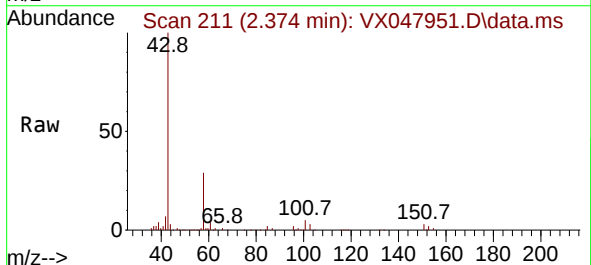
Manual Integrations
APPROVED

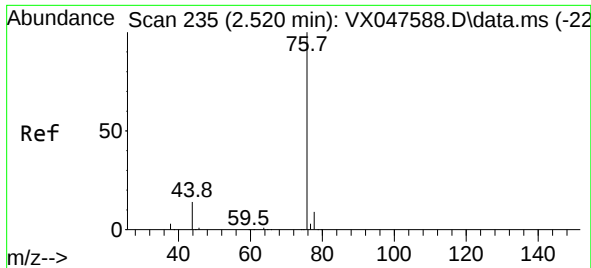
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 219.192 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

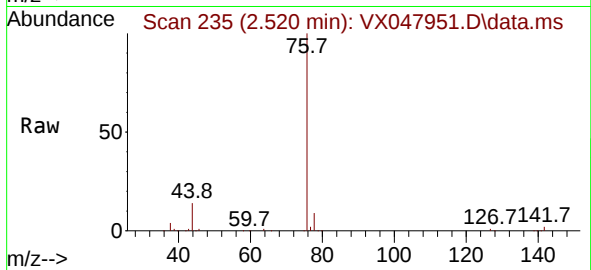
Tgt Ion: 43 Resp: 189112
Ion Ratio Lower Upper
43 100
58 28.9 23.4 35.0





#17
Carbon Disulfide
Concen: 47.212 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

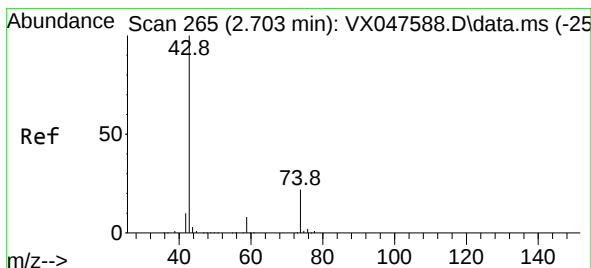
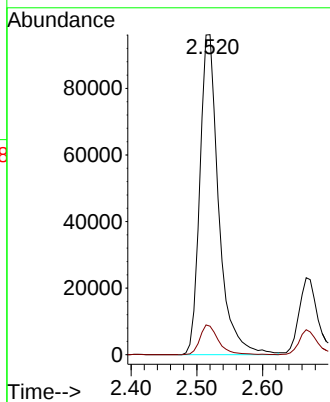
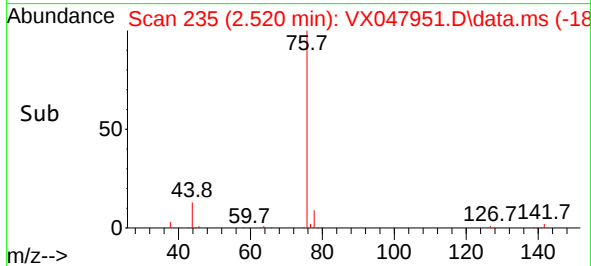
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 191428
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

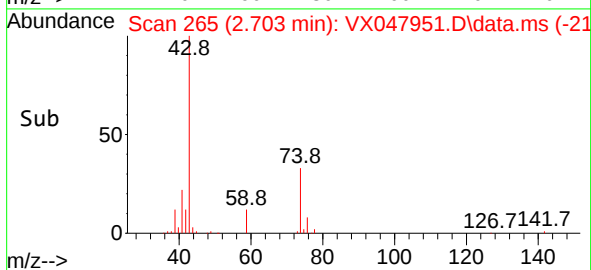
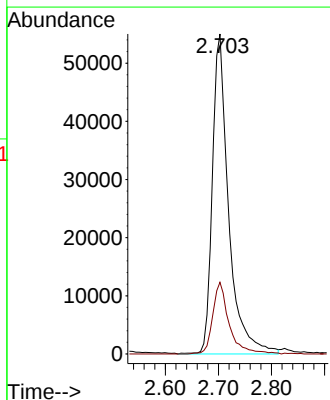
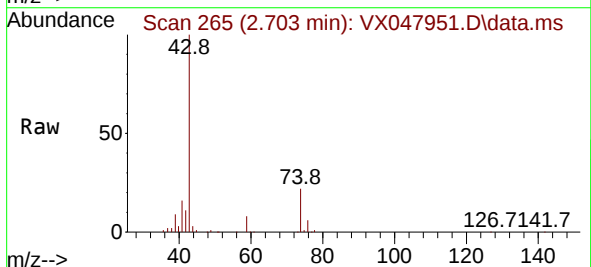
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 61.090 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

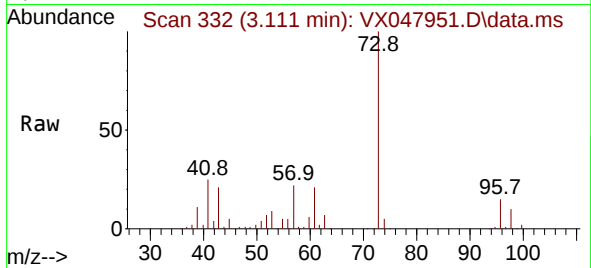
Tgt Ion: 43 Resp: 117298
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 54.065 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

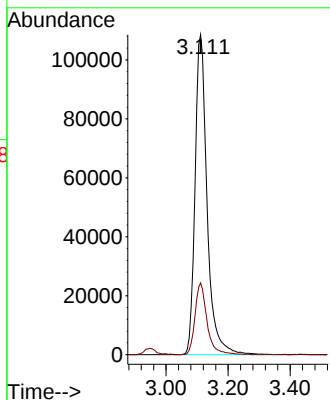
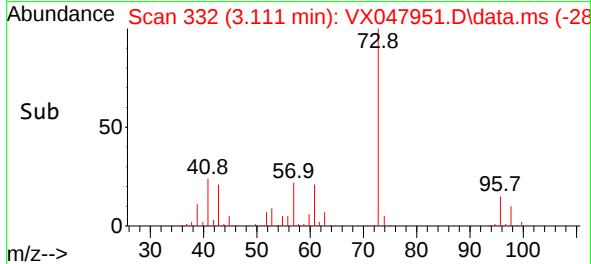
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 29231
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2

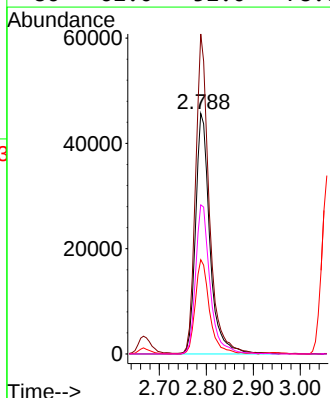
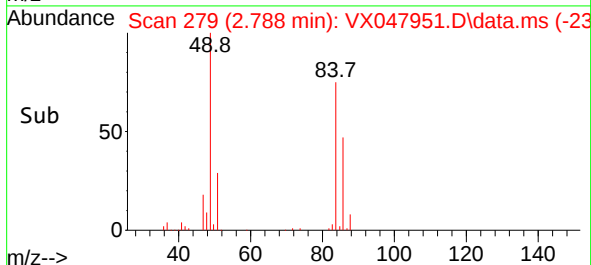
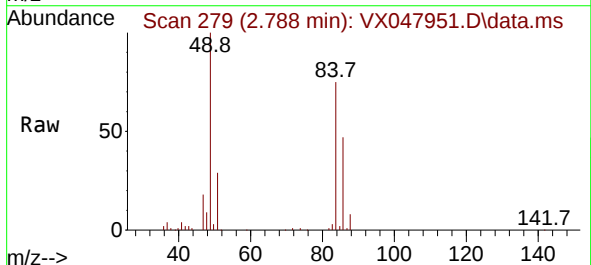
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 53.050 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

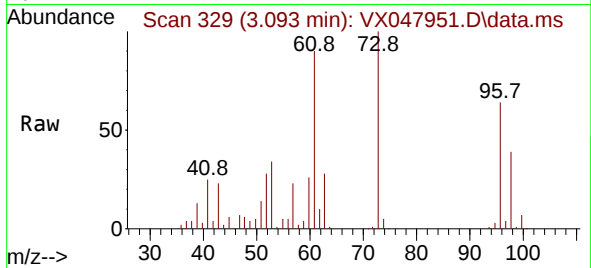
Tgt Ion: 84 Resp: 96882
Ion Ratio Lower Upper
84 100
49 132.7 108.6 162.8
51 39.2 32.6 48.8
86 62.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 50.973 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

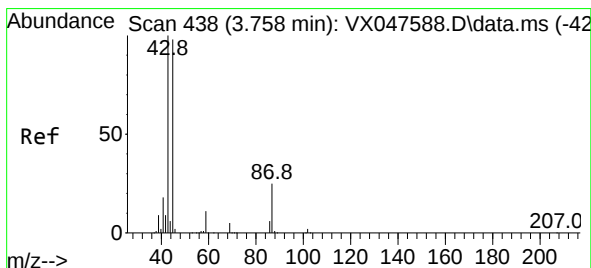
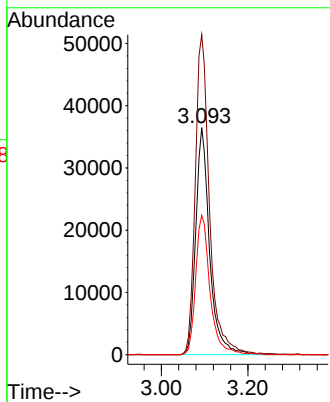
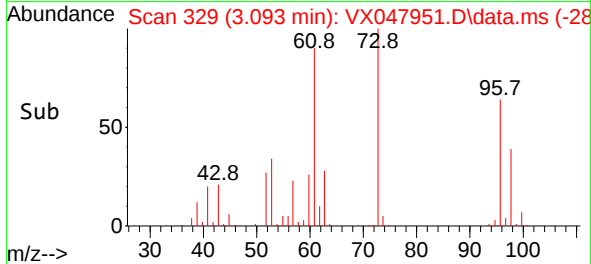
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



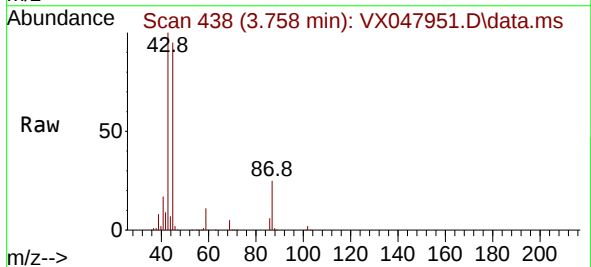
Tgt Ion: 96 Resp: 8128
Ion Ratio Lower Upper
96 100
61 141.0 116.2 174.2
98 61.3 49.3 73.9

Manual Integrations
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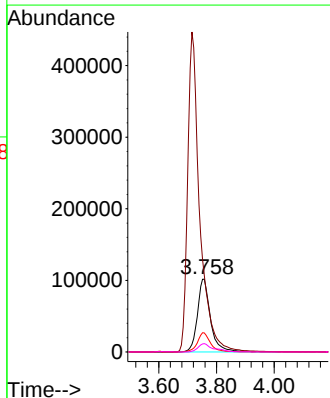
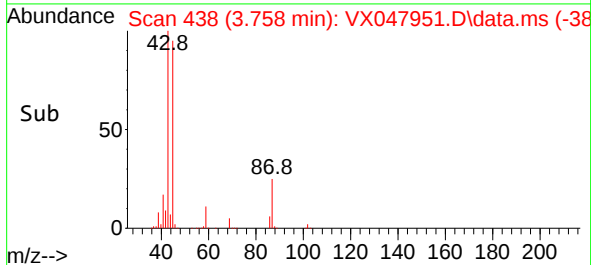
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

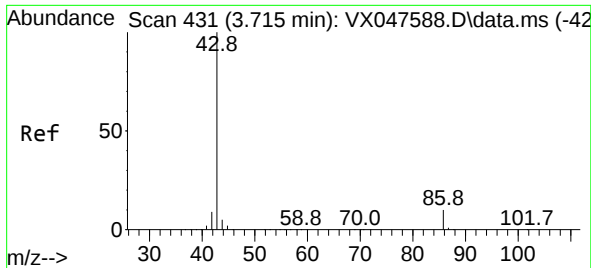


#22
Diisopropyl ether
Concen: 53.938 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



Tgt Ion: 45 Resp: 319485
Ion Ratio Lower Upper
45 100
43 105.1 81.0 121.4
87 26.2 20.3 30.5
59 11.5 9.0 13.4





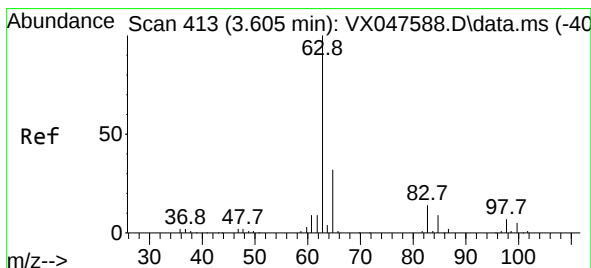
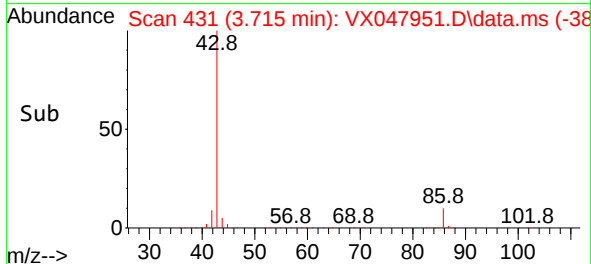
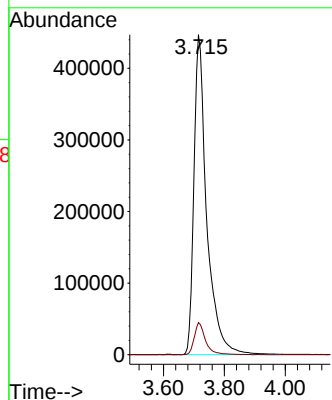
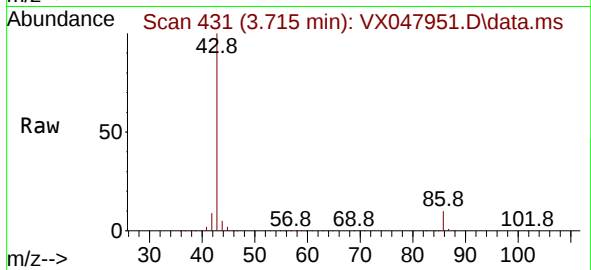
#23
 Vinyl Acetate
 Concen: 274.971 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1303510
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

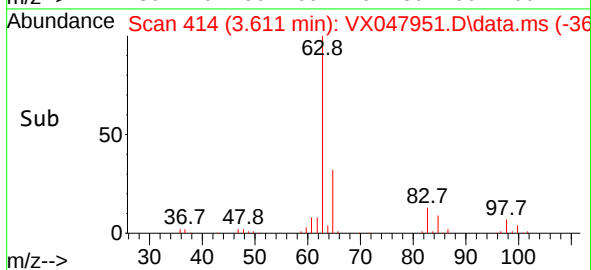
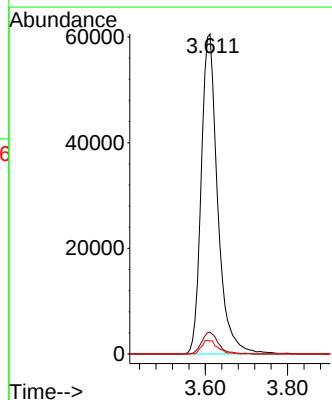
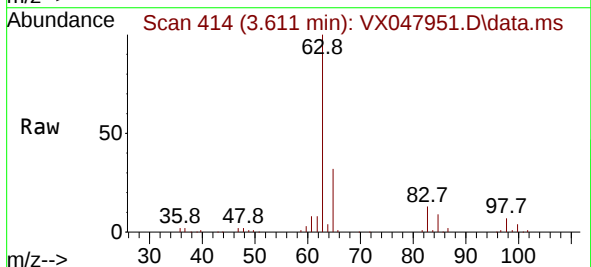
Manual Integrations
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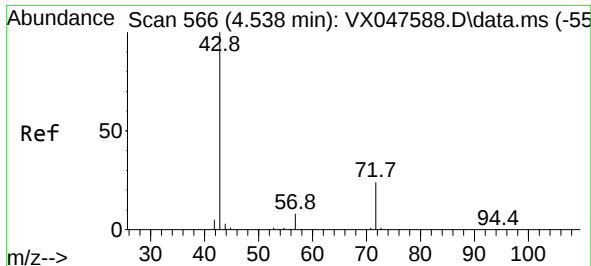
Reviewed By :John Carlone 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 53.346 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59

Tgt Ion: 63 Resp: 167944
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.1 2.3 6.9





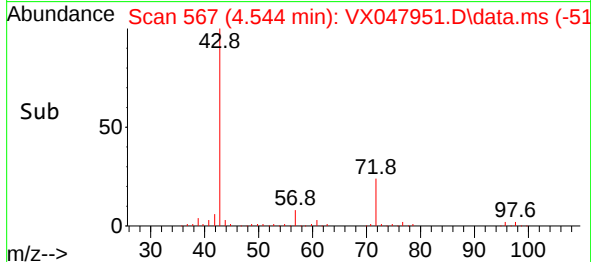
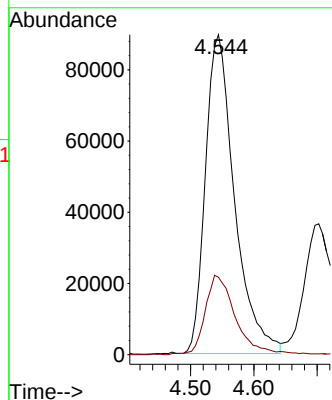
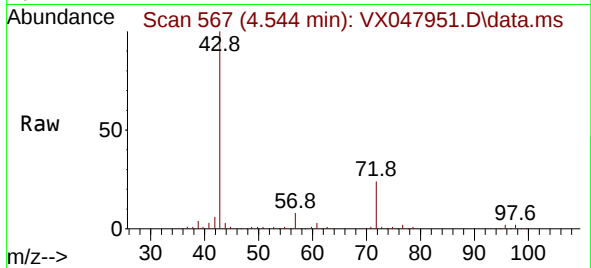
#25
2-Butanone
Concen: 266.444 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 286740
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1

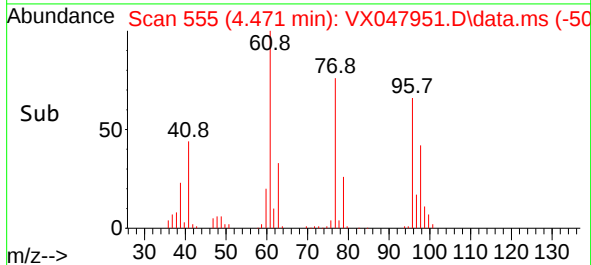
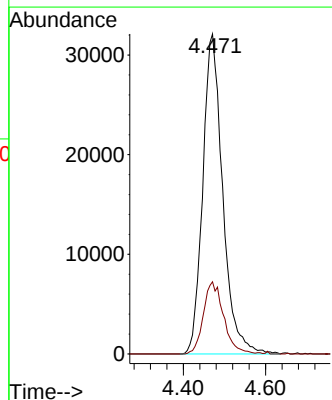
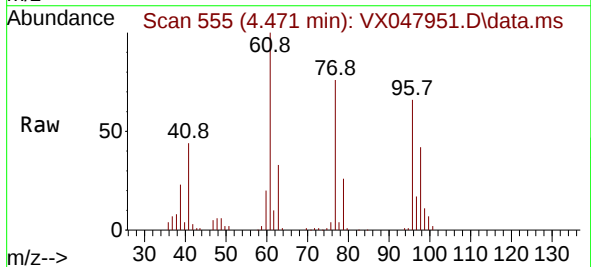
Manual Integrations
APPROVED

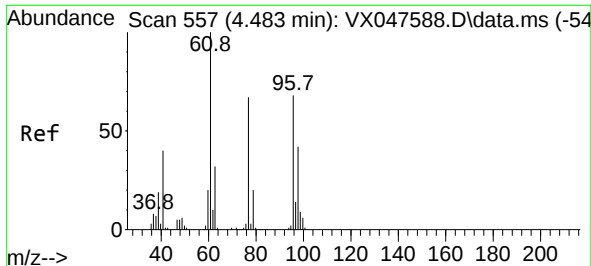
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 41.278 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

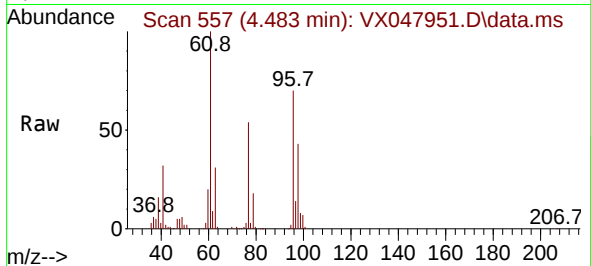
Tgt Ion: 77 Resp: 108024
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.700 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59

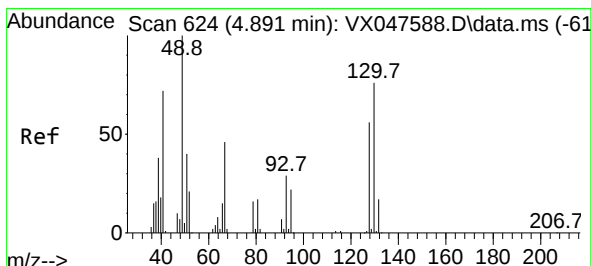
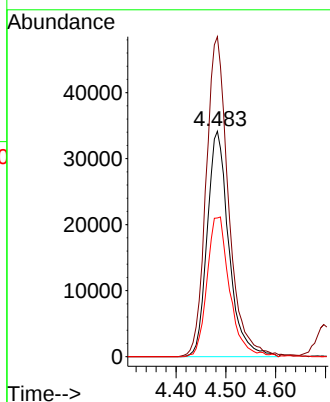
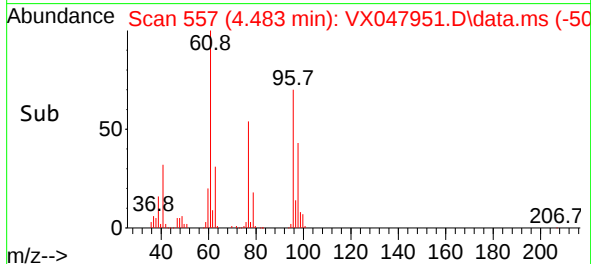
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10291
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 303.2
 98 64.7 0.0 127.8

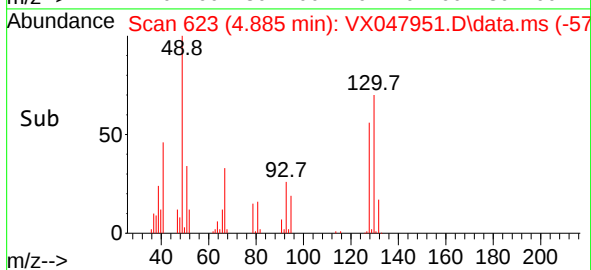
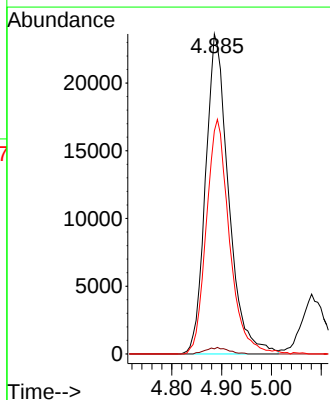
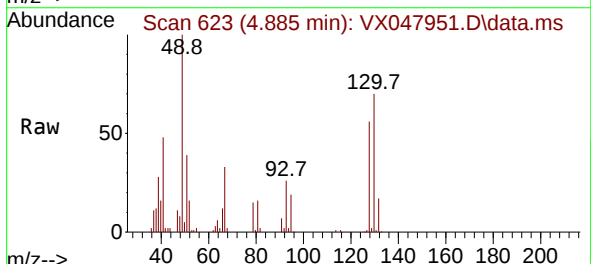
Manual Integrations
 APPROVED

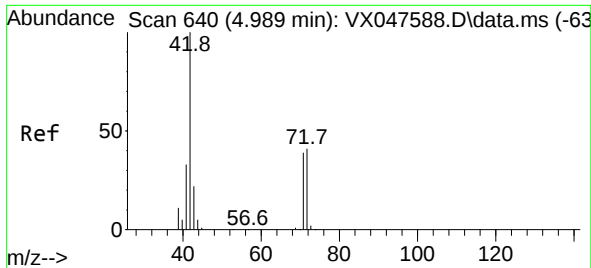
Reviewed By :John Carlone 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 55.184 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59

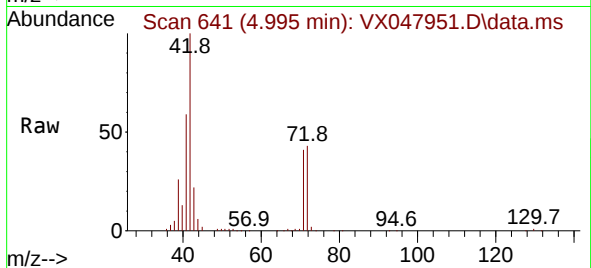
Tgt Ion: 49 Resp: 75845
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.2
 130 73.6 57.8 86.8





#29
Tetrahydrofuran
Concen: 281.897 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

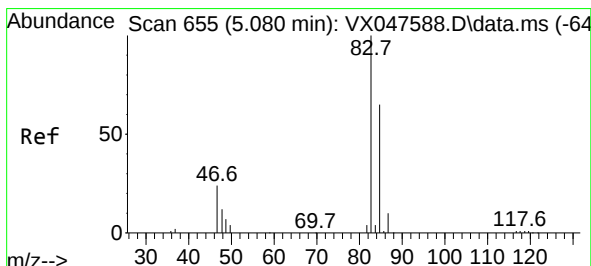
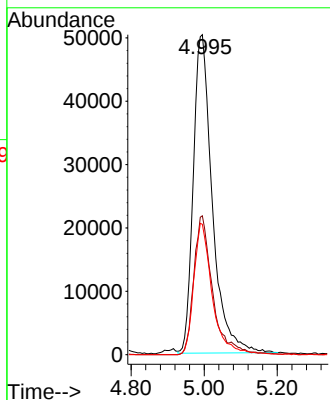
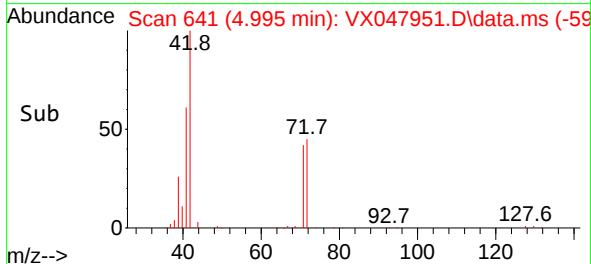
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 182504
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.2
71 40.1 31.9 47.9

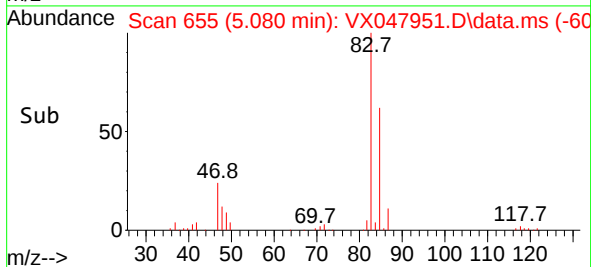
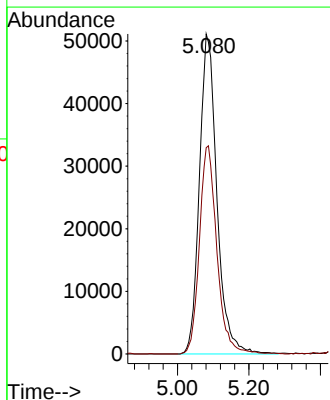
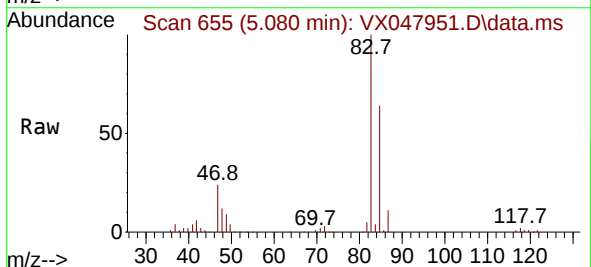
Manual Integrations
APPROVED

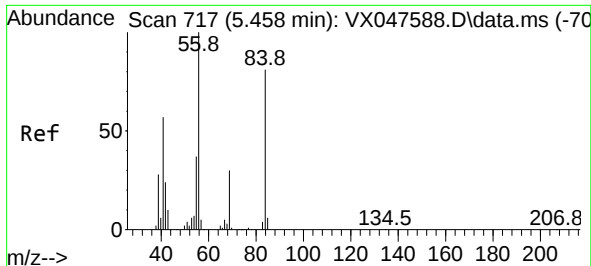
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#30
Chloroform
Concen: 54.571 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

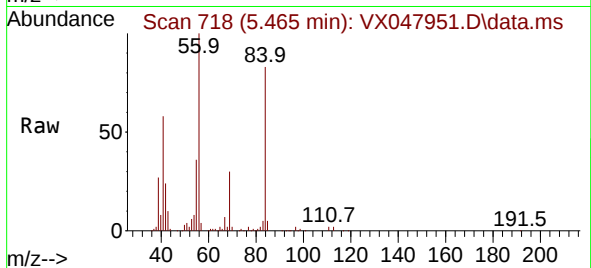
Tgt Ion: 83 Resp: 173609
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6





#31
Cyclohexane
Concen: 47.784 ug/l
RT: 5.465 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

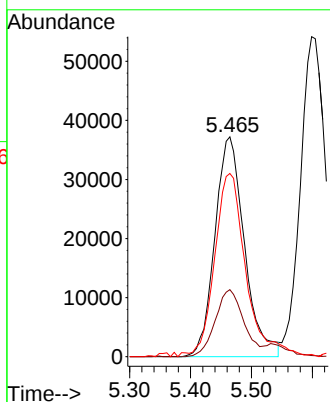
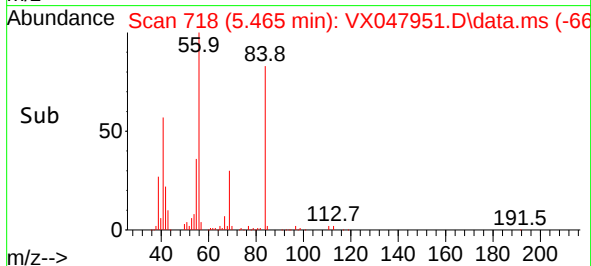
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12529
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.8
84 83.3 64.6 97.0

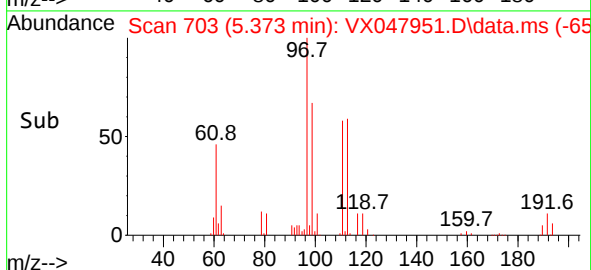
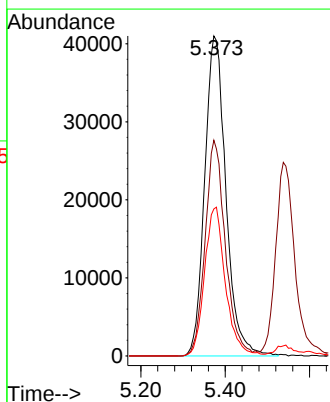
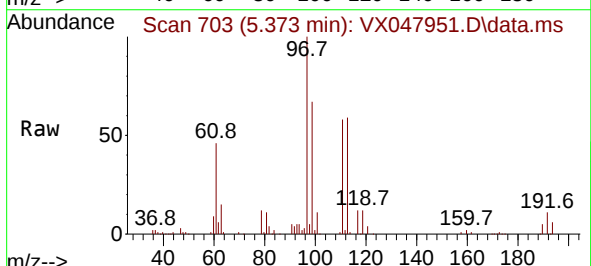
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 53.226 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 97 Resp: 143628
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 45.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.937 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 101072

Ion Ratio Lower Upper

65 100

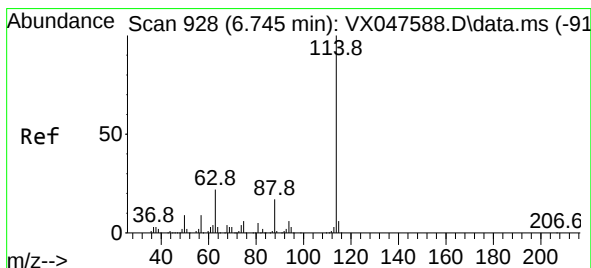
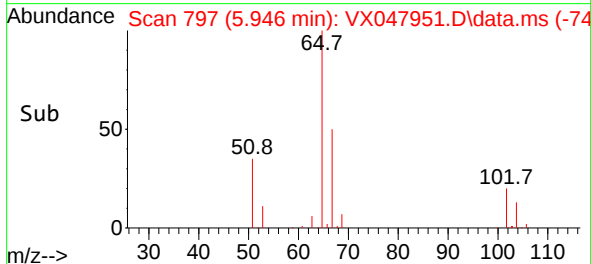
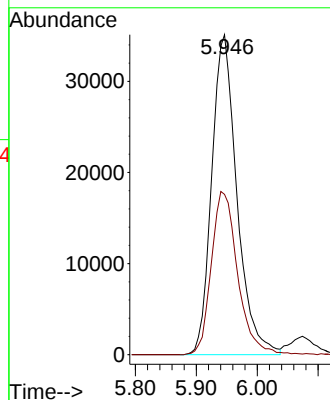
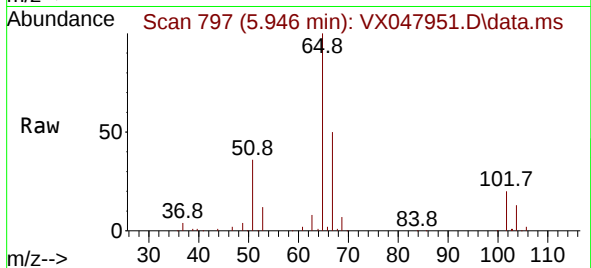
67 53.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

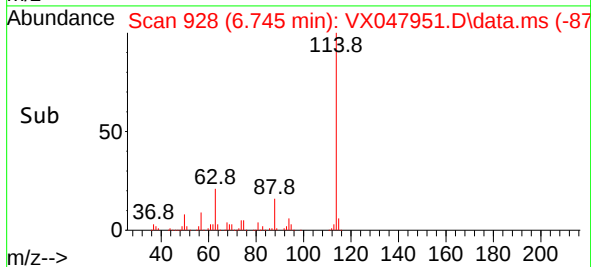
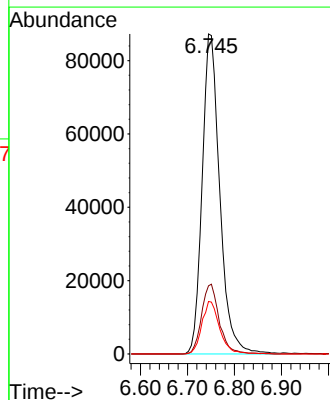
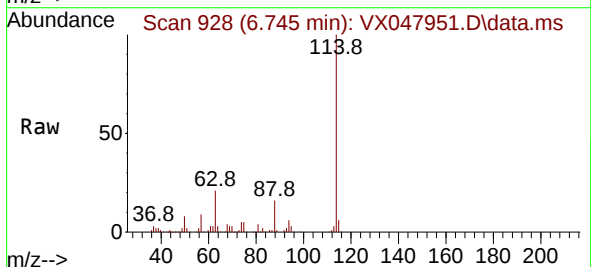
Tgt Ion:114 Resp: 226992

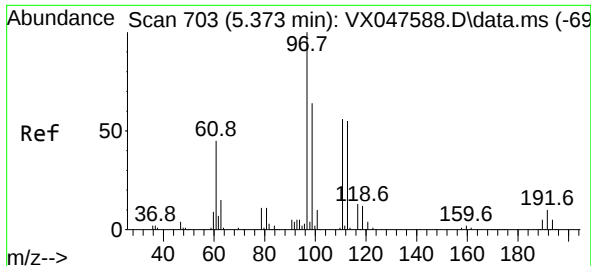
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

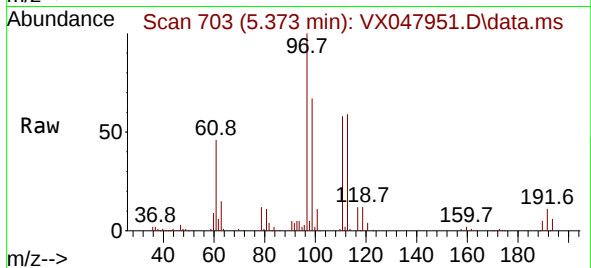
88 16.4 0.0 34.2





#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

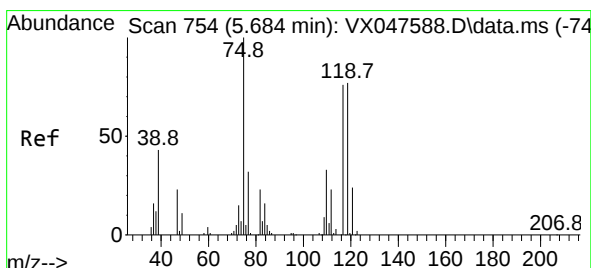
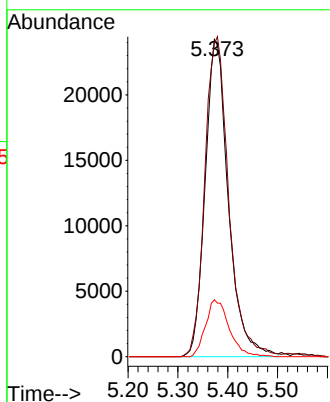
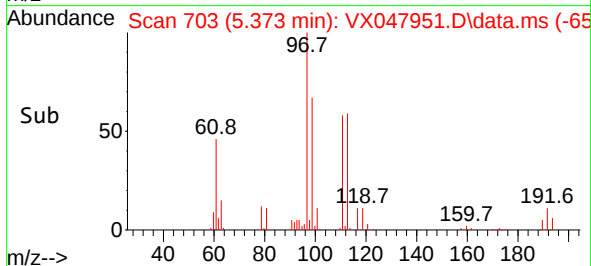
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 78410
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 18.3 14.2 21.4

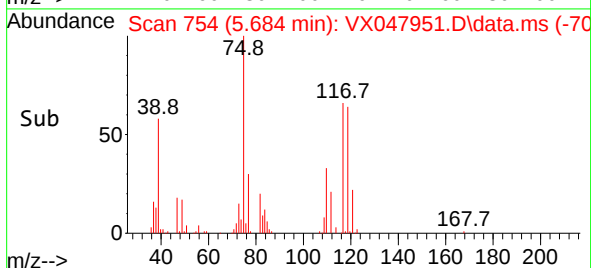
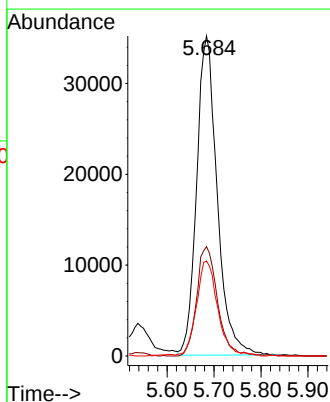
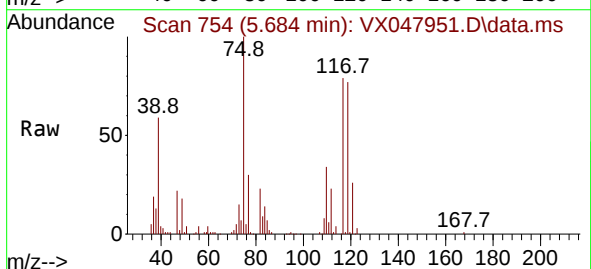
Manual Integrations
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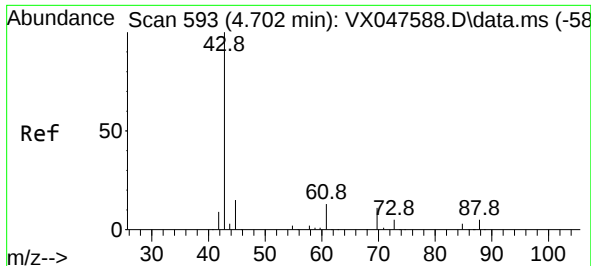
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#36
1,1-Dichloropropene
Concen: 48.001 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 75 Resp: 106778
Ion Ratio Lower Upper
75 100
110 34.6 16.7 50.1
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 52.317 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 124608

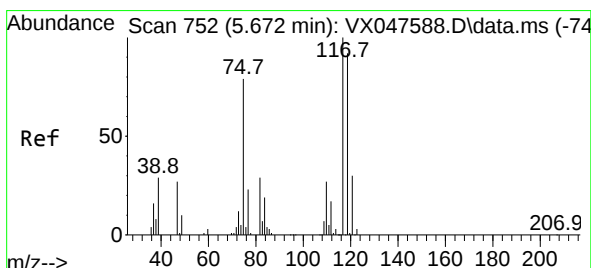
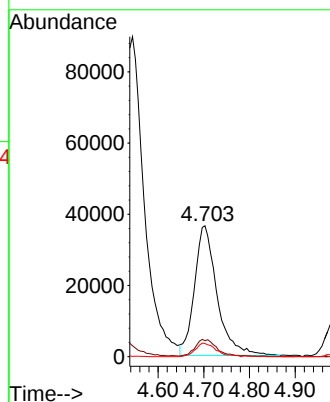
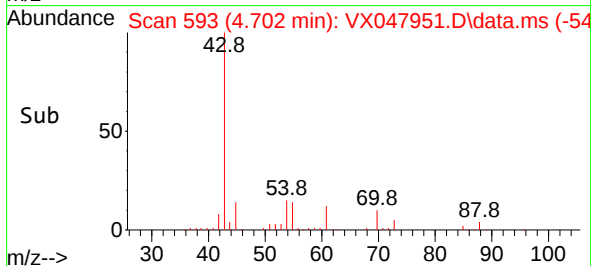
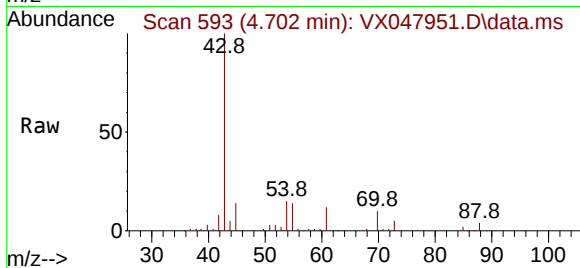
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	9.6	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 50.149 ug/l

RT: 5.666 min Scan# 751

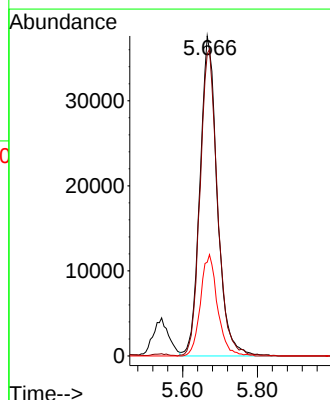
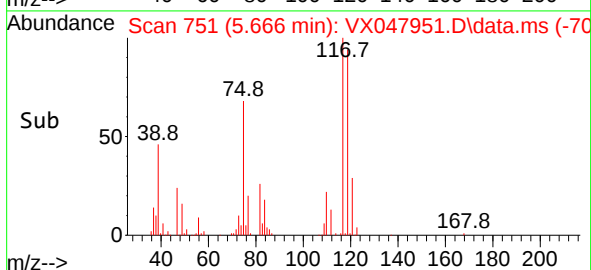
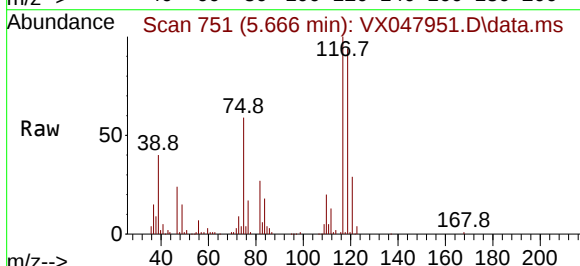
Delta R.T. -0.006 min

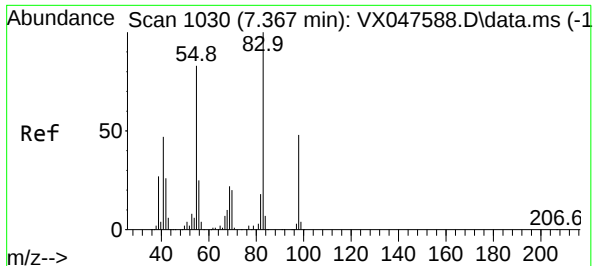
Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Tgt Ion:117 Resp: 121207

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.2
121	29.3	23.8	35.6





#39

Methylcyclohexane

Concen: 46.536 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

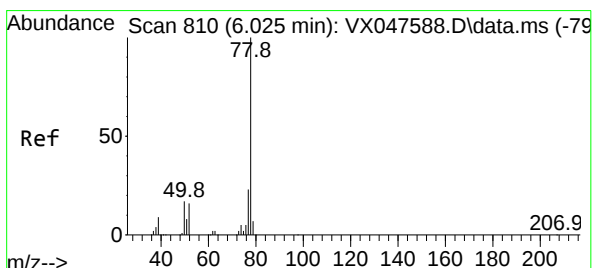
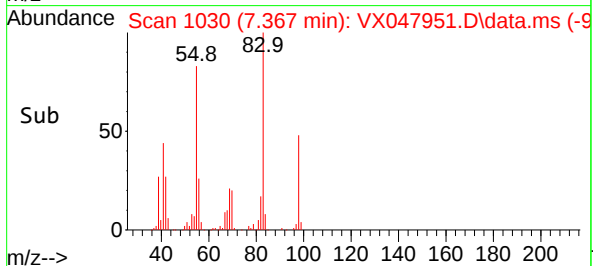
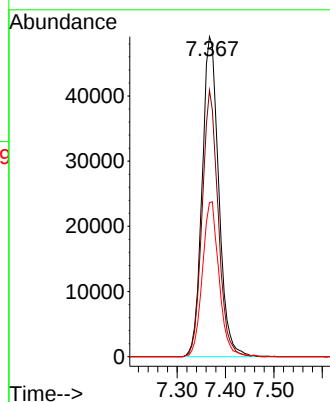
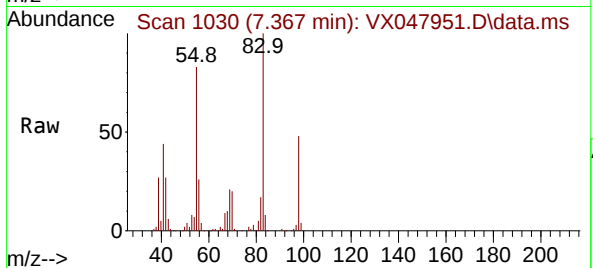
Tgt Ion:	83	Resp:	117508
Ion	Ratio	Lower	Upper
83	100		
55	83.2	66.4	99.6
98	48.2	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 51.880 ug/l

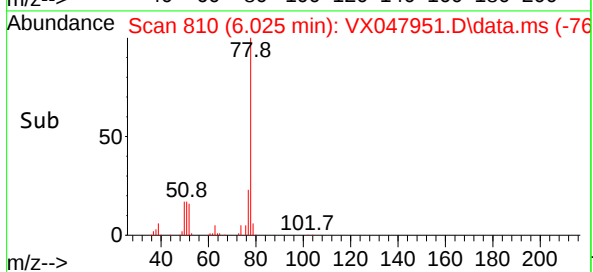
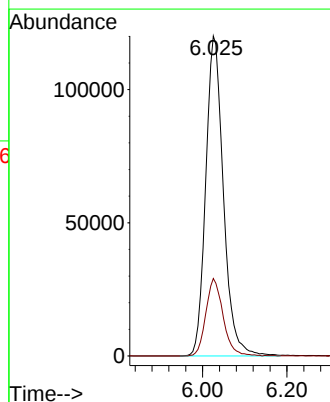
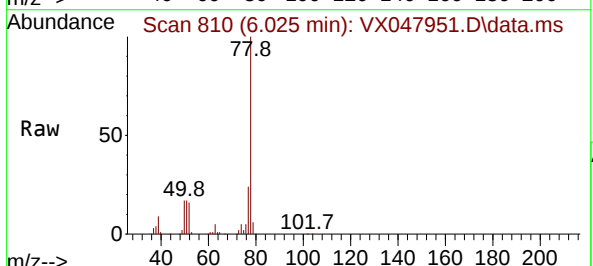
RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

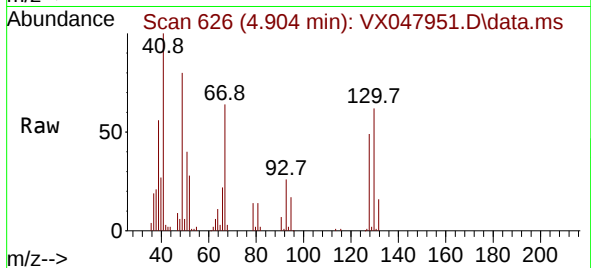
Tgt Ion:	78	Resp:	350517
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





#41
Methacrylonitrile
Concen: 57.354 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

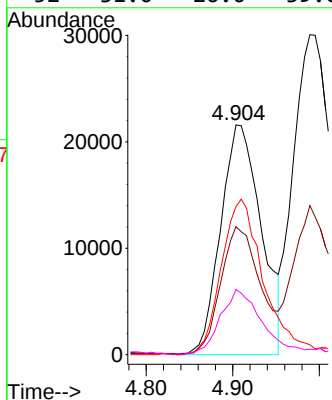
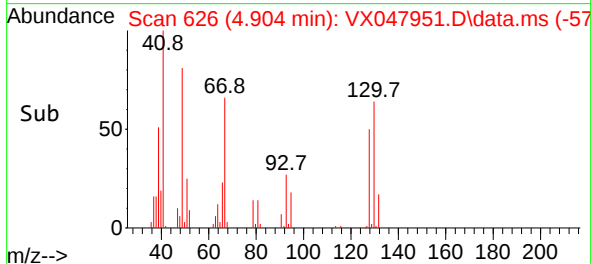
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7052
Ion Ratio Lower Upper
41 100
39 53.9 43.3 64.9
67 72.3 58.6 87.8
52 31.0 26.0 39.0

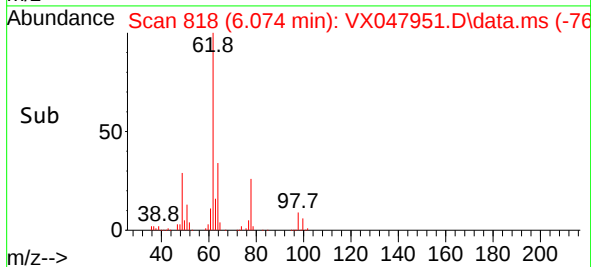
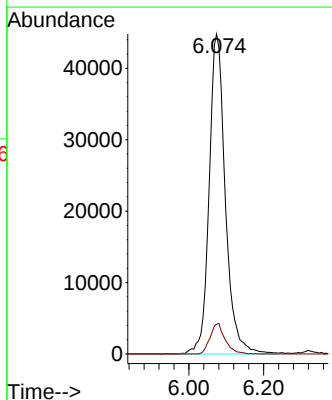
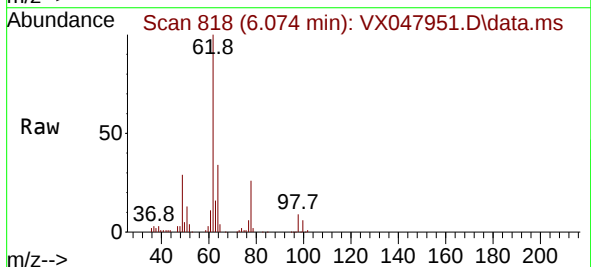
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 52.376 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 62 Resp: 134642
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0





#43

Isopropyl Acetate

Concen: 53.699 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

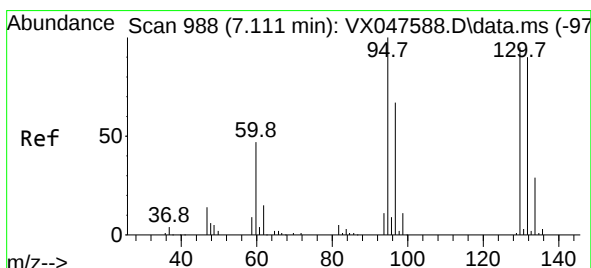
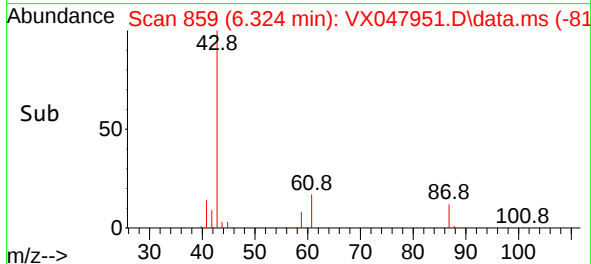
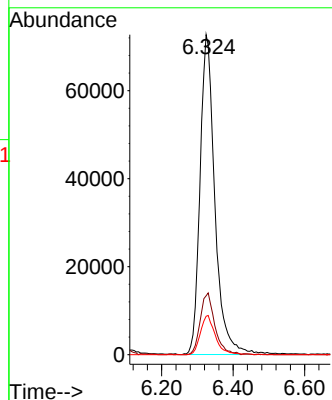
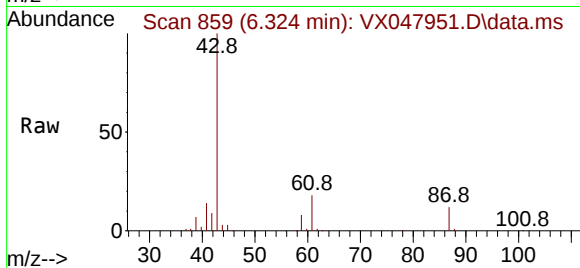
Tgt Ion: 43 Resp: 20976
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.2 22.8
 87 12.2 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#44

Trichloroethene

Concen: 51.102 ug/l

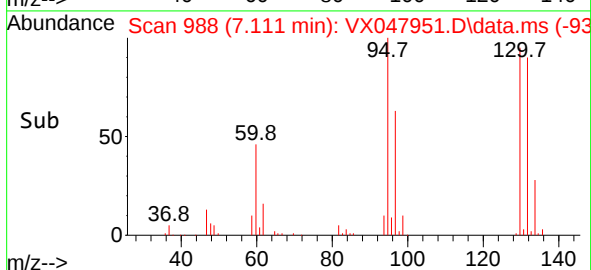
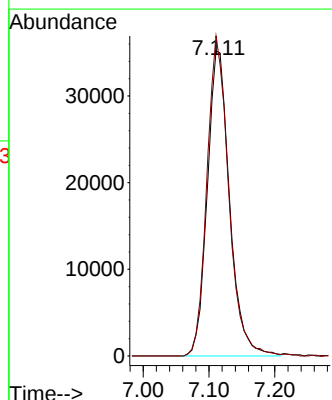
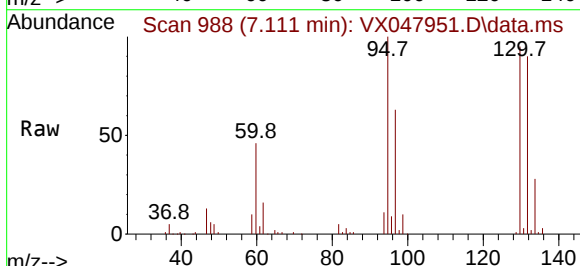
RT: 7.111 min Scan# 988

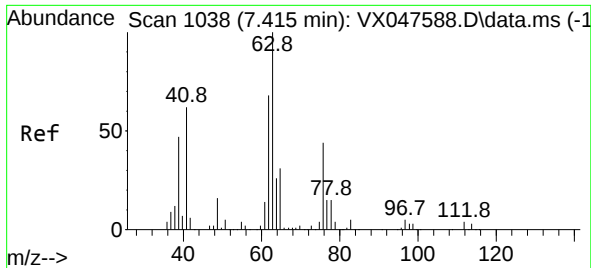
Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

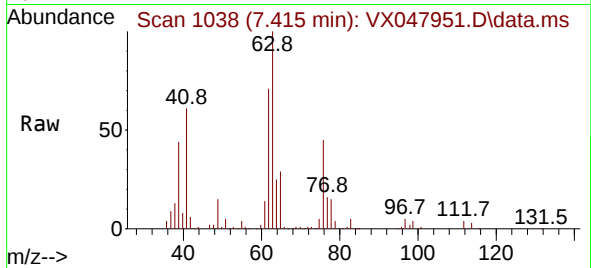
Tgt Ion:130 Resp: 83472
 Ion Ratio Lower Upper
 130 100
 95 104.9 0.0 210.8





#45
1,2-Dichloropropane
Concen: 53.711 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

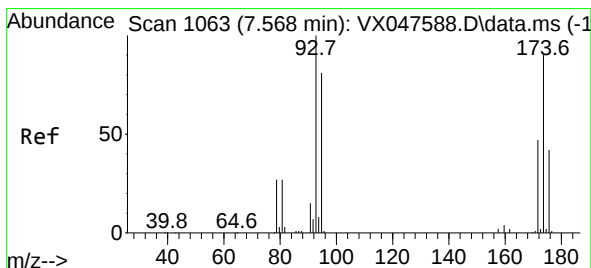
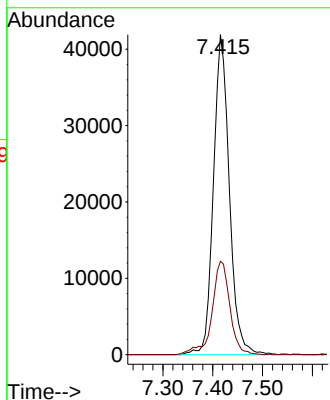
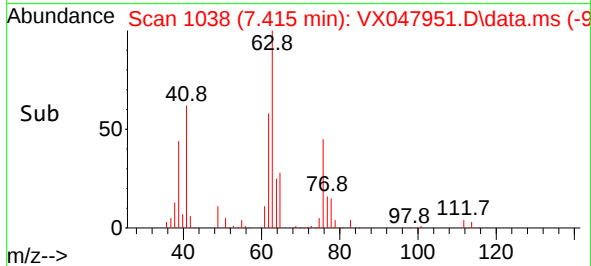
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



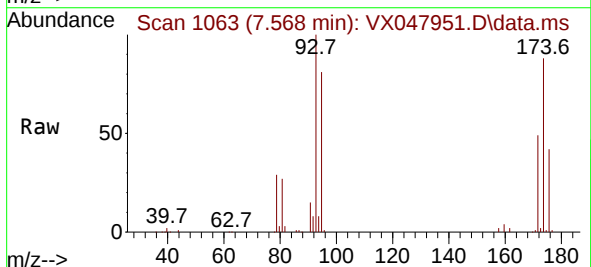
Tgt Ion: 63 Resp: 9292
Ion Ratio Lower Upper
63 100
65 29.2 24.7 37.1

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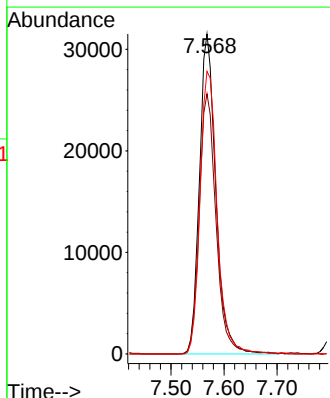
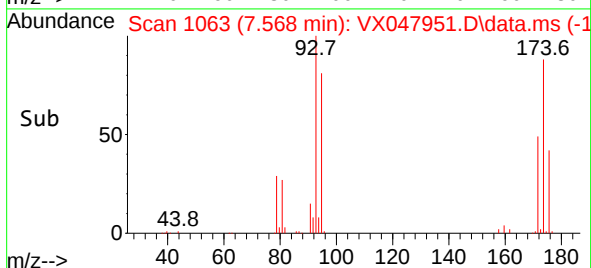
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

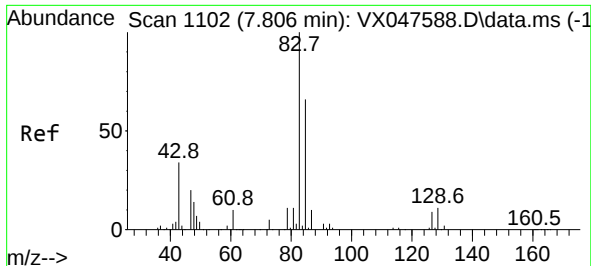


#46
Dibromomethane
Concen: 53.786 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



Tgt Ion: 93 Resp: 67714
Ion Ratio Lower Upper
93 100
95 83.2 65.0 97.6
174 92.4 71.6 107.4





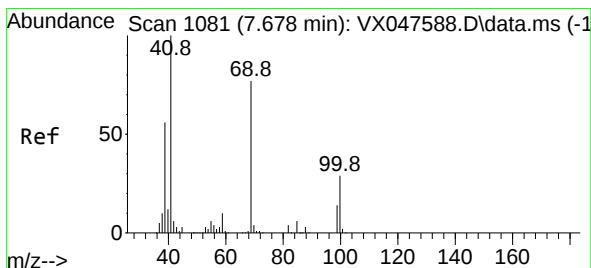
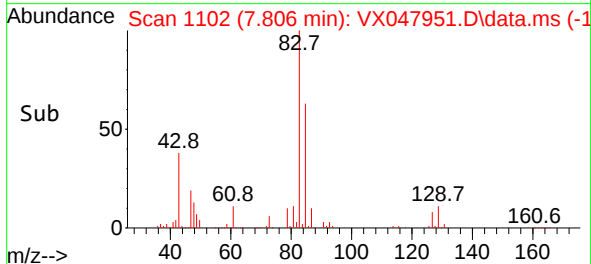
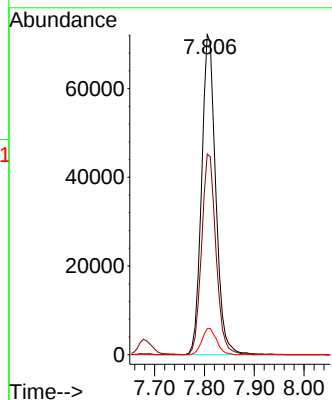
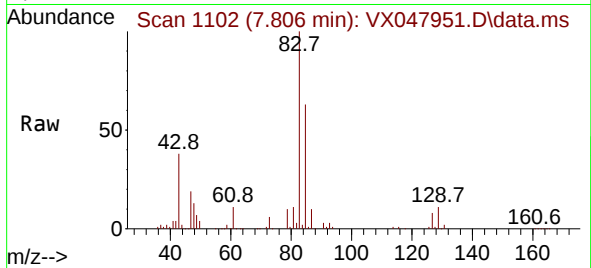
#47
Bromodichloromethane
Concen: 54.690 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 14208
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 8.2 6.9 10.3

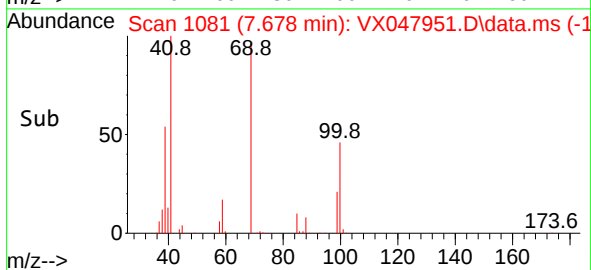
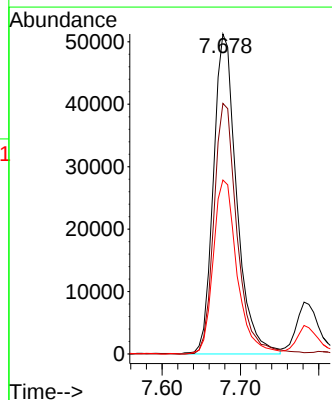
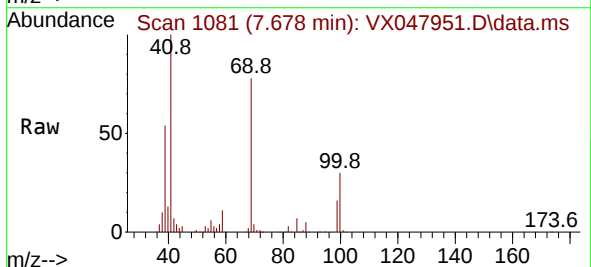
Manual Integrations
APPROVED

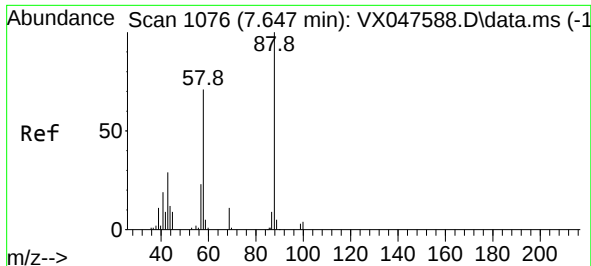
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 54.395 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

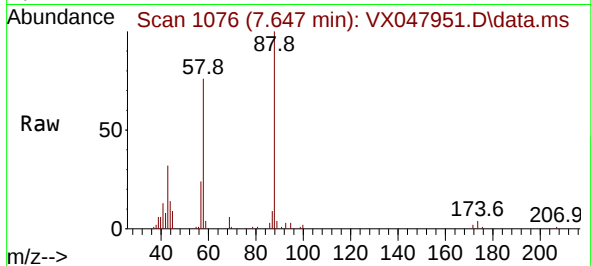
Tgt Ion: 41 Resp: 105840
Ion Ratio Lower Upper
41 100
69 78.1 61.4 92.2
39 55.4 45.8 68.6





#49
1,4-Dioxane
Concen: 1233.522 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

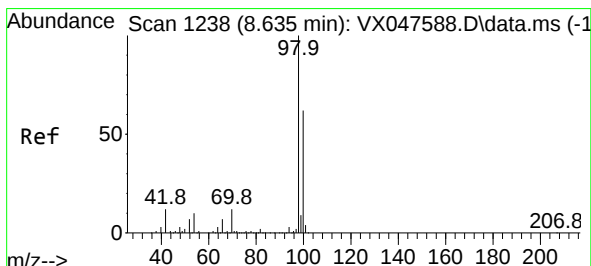
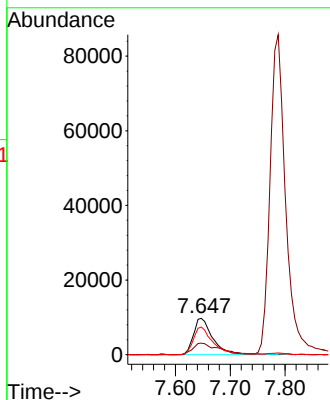
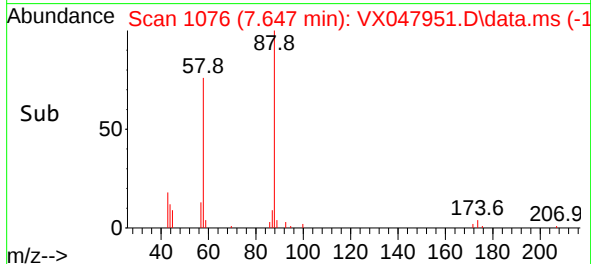
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 24250
Ion Ratio Lower Upper
88 100
43 40.5 30.2 45.2
58 76.8 59.5 89.3

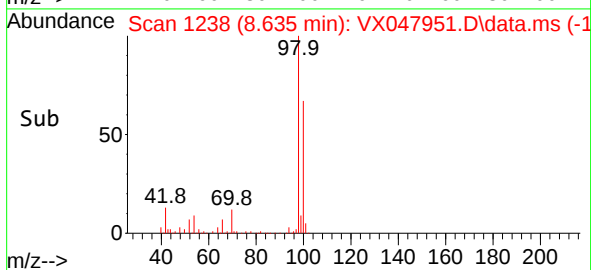
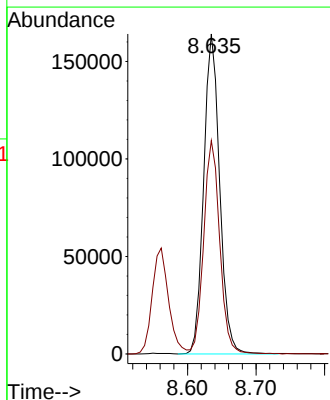
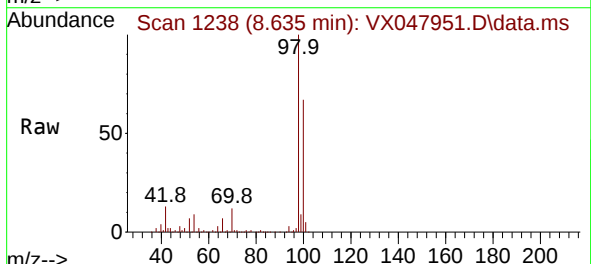
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#50
Toluene-d8
Concen: 50.632 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 98 Resp: 266707
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





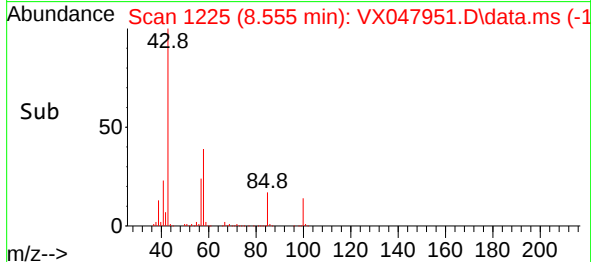
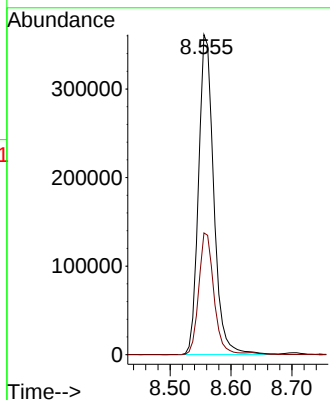
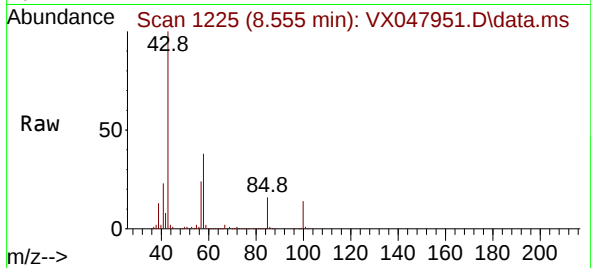
#51
4-Methyl-2-Pentanone
Concen: 290.007 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 62810
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

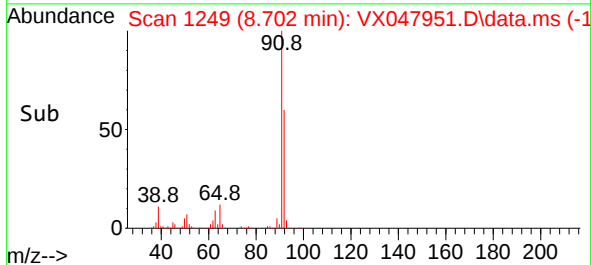
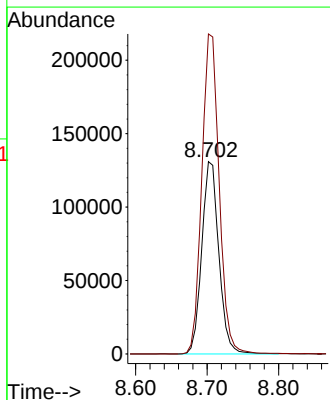
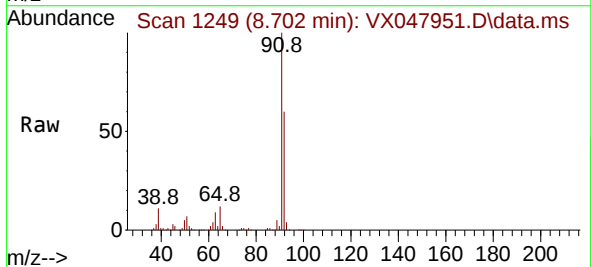
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 52.243 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 92 Resp: 217465
Ion Ratio Lower Upper
92 100
91 169.6 137.1 205.7





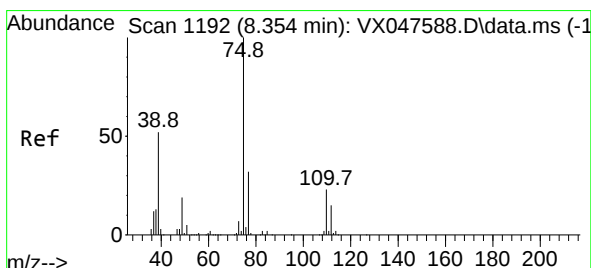
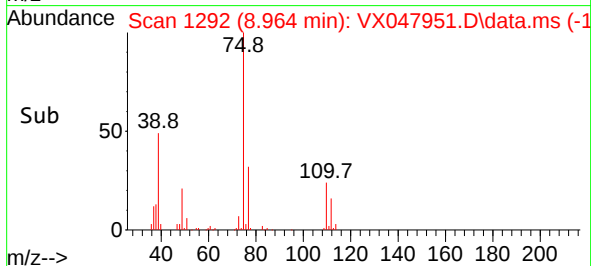
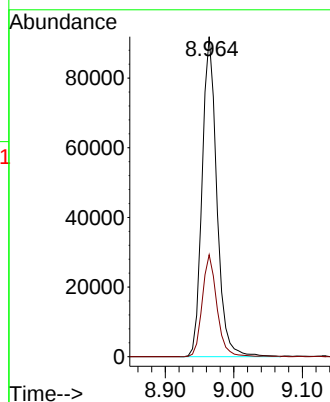
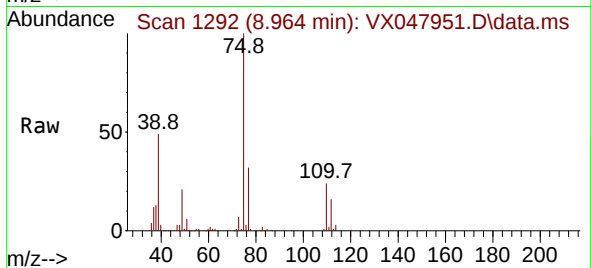
#53
t-1,3-Dichloropropene
Concen: 51.999 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 137793
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

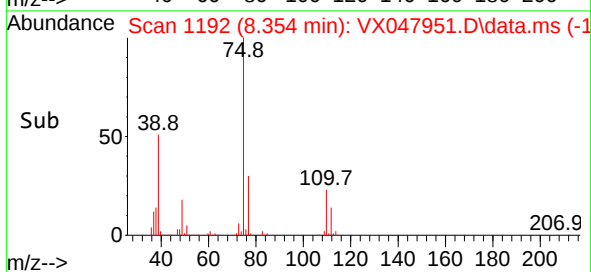
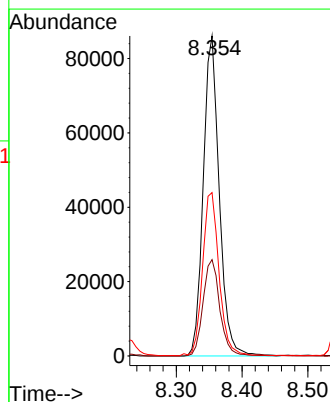
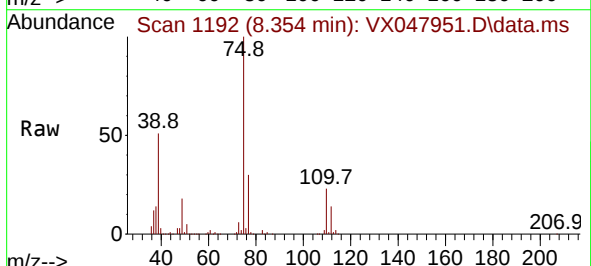
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#54
cis-1,3-Dichloropropene
Concen: 51.366 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 75 Resp: 145487
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6
39 50.4 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 56.354 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 9045

Ion Ratio Lower Upper

97 100

83 86.7 69.6 104.4

85 54.7 45.0 67.6

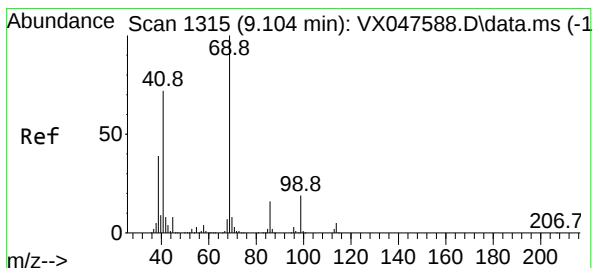
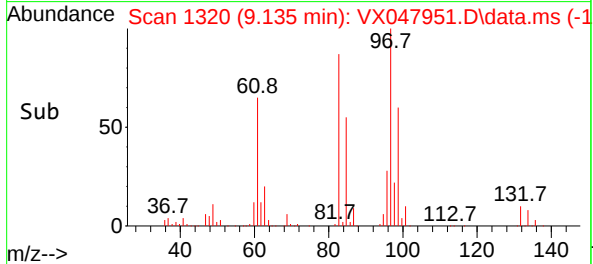
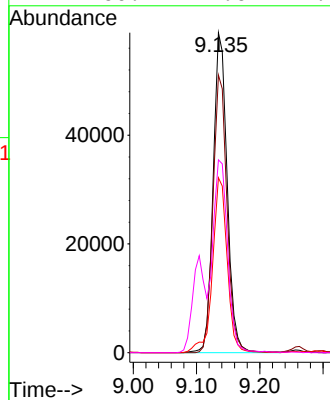
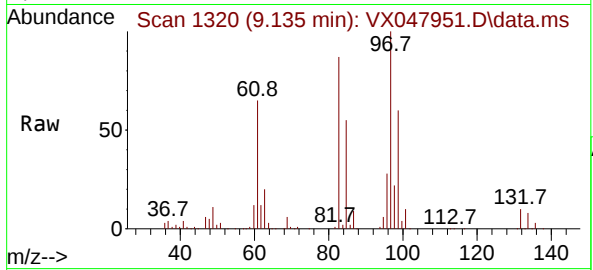
99 60.2 49.6 74.4

Manual Integrations

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Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#56

Ethyl methacrylate

Concen: 55.650 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

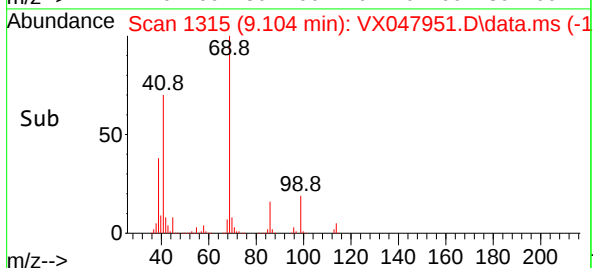
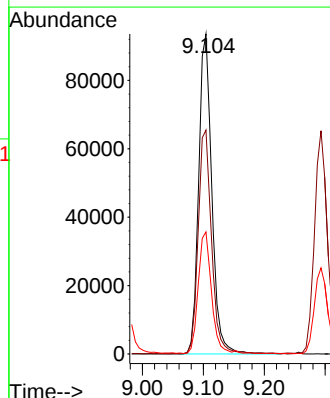
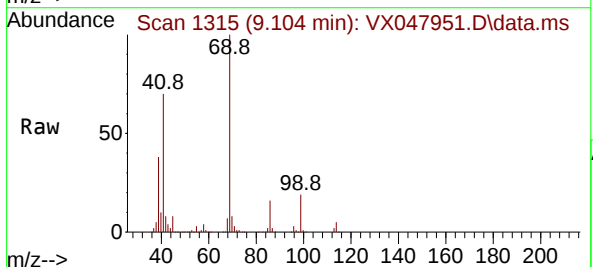
Tgt Ion: 69 Resp: 140278

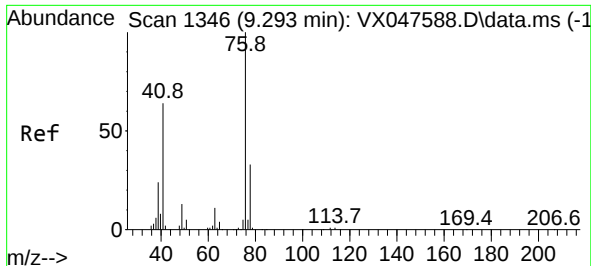
Ion Ratio Lower Upper

69 100

41 70.9 58.6 87.8

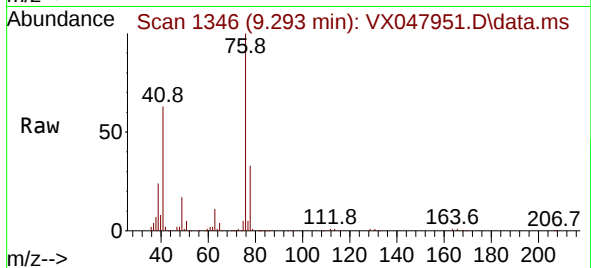
39 38.6 31.5 47.3





#57
1,3-Dichloropropane
Concen: 56.148 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

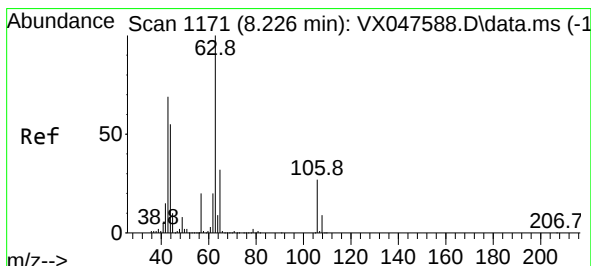
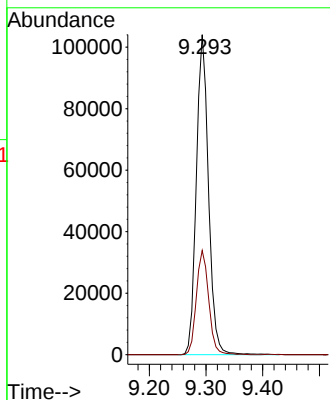
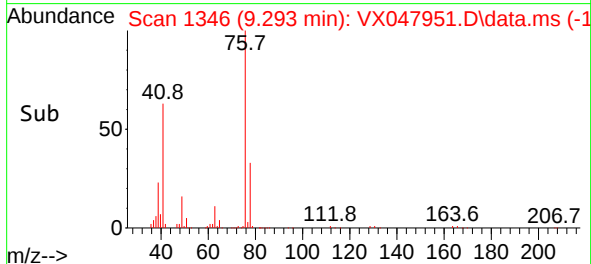
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



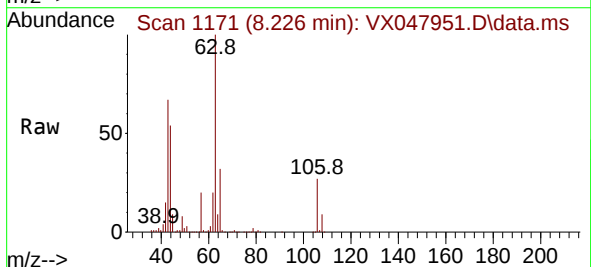
Tgt Ion: 76 Resp: 15481
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

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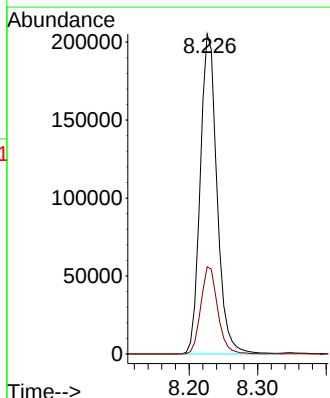
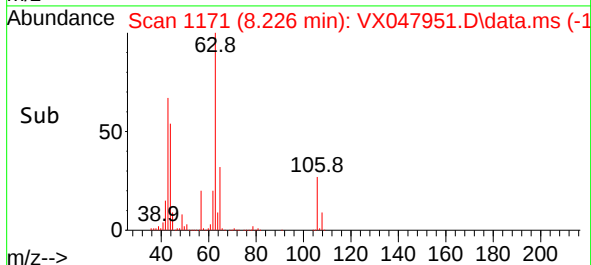
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

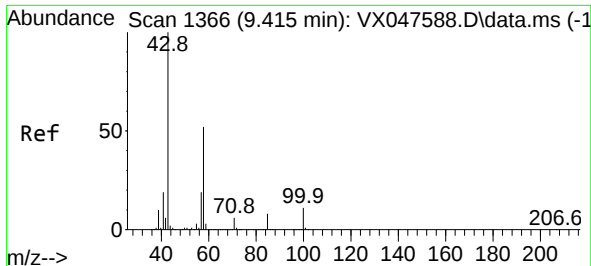


#58
2-Chloroethyl Vinyl ether
Concen: 287.656 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



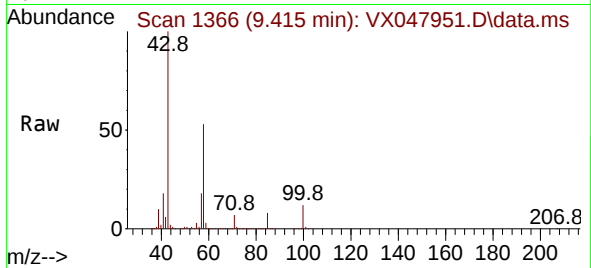
Tgt Ion: 63 Resp: 349890
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 280.325 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

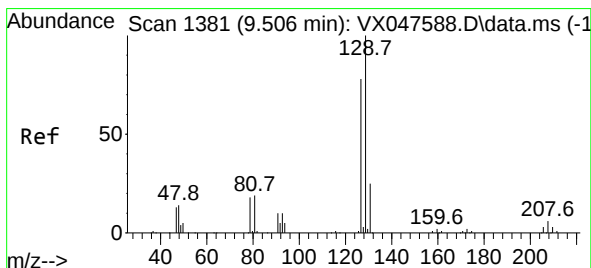
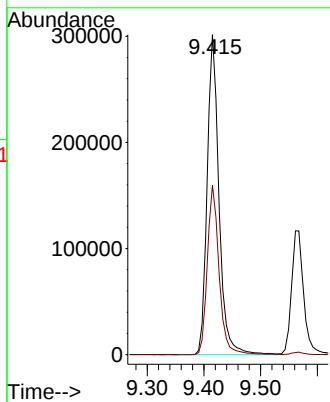
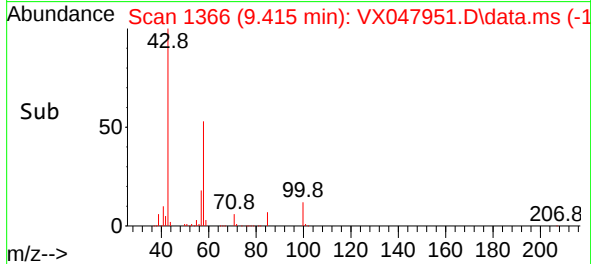
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 436044
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.2

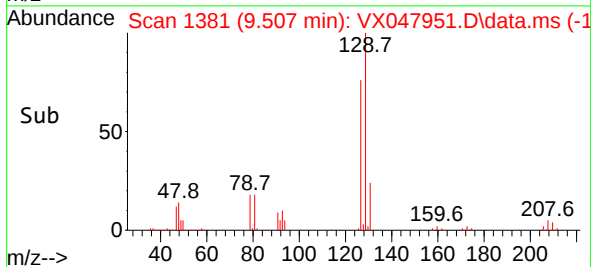
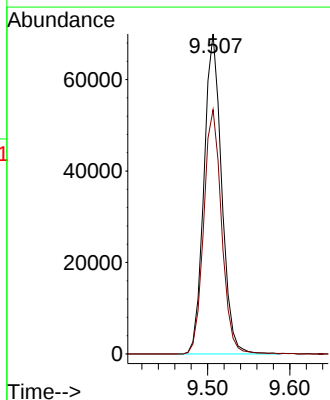
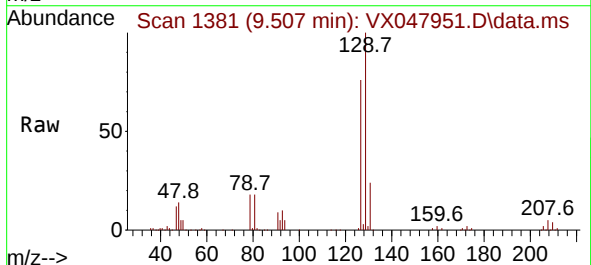
Manual Integrations
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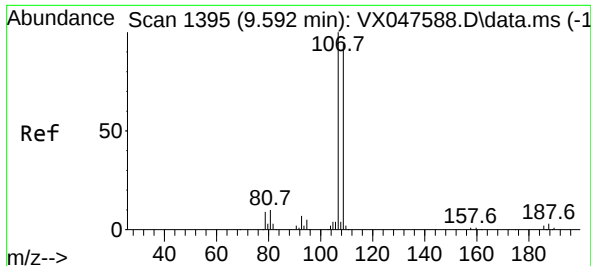
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 56.483 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

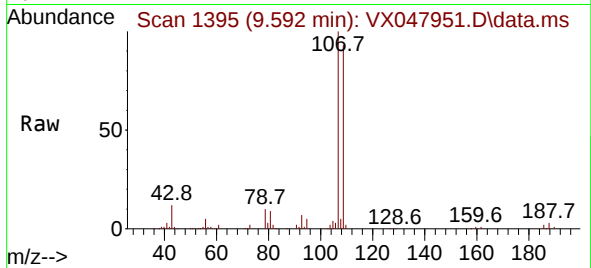
Tgt Ion:129 Resp: 104459
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61
1,2-Dibromoethane
Concen: 56.608 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

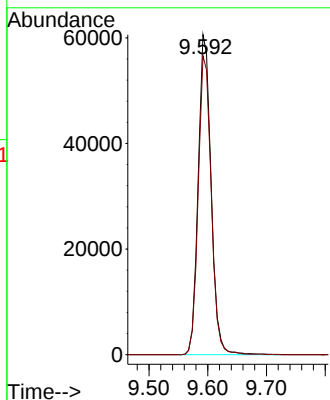
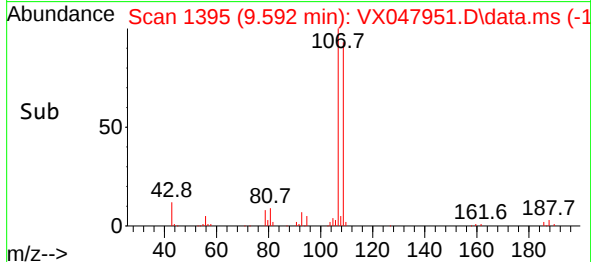
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



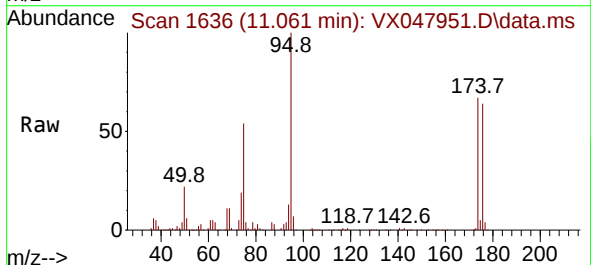
Tgt Ion:107 Resp: 92545
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9

Manual Integrations
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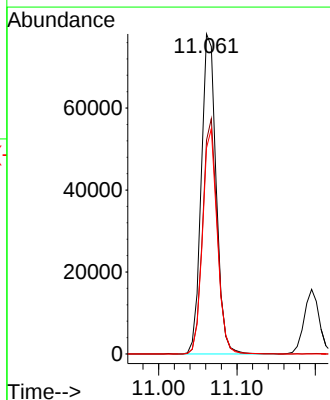
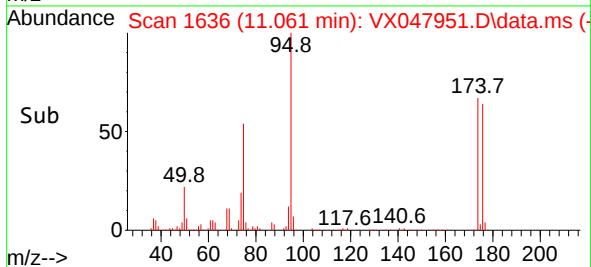
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 51.557 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



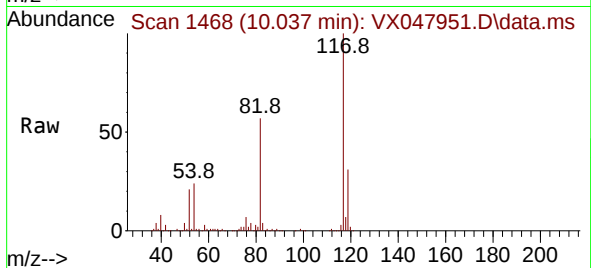
Tgt Ion: 95 Resp: 103069
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 69.3 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

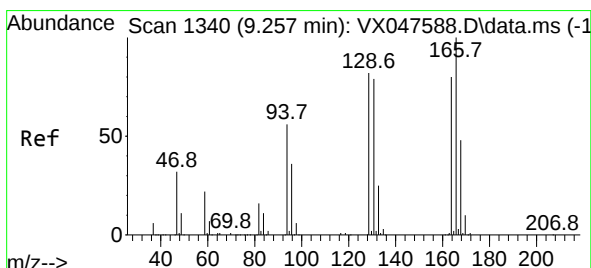
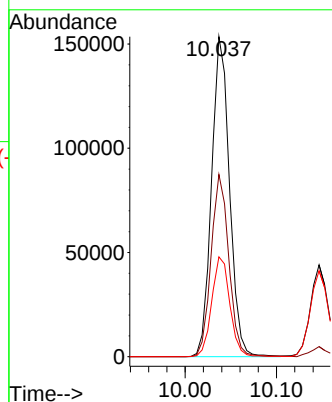
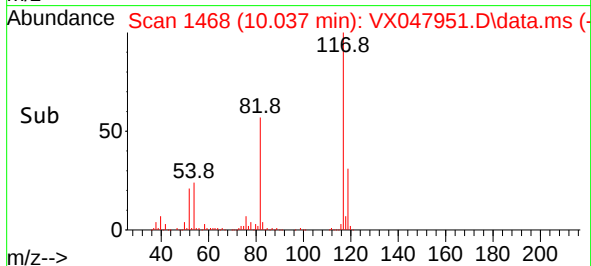
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 208710
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.6
119 31.2 25.2 37.8

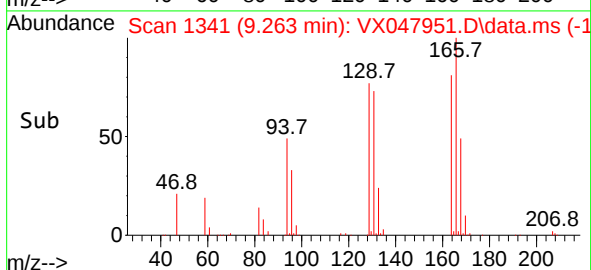
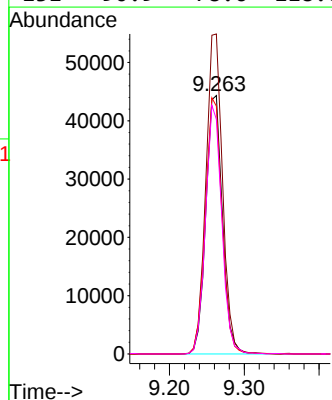
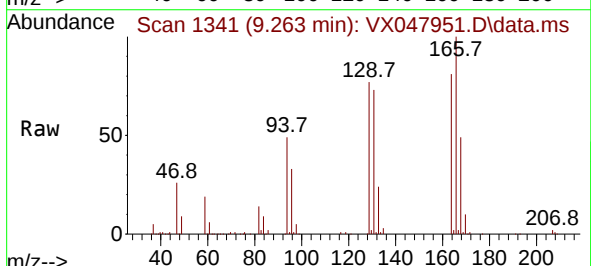
Manual Integrations
APPROVED

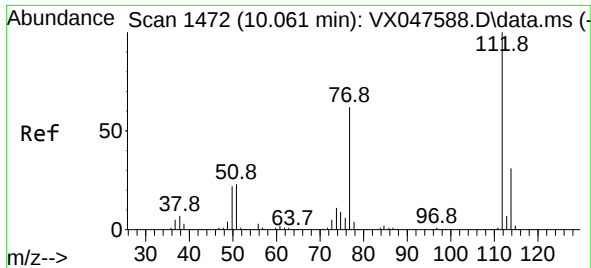
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 50.076 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion:164 Resp: 68132
Ion Ratio Lower Upper
164 100
166 123.8 100.2 150.2
129 95.9 81.8 122.6
131 90.9 78.6 118.0





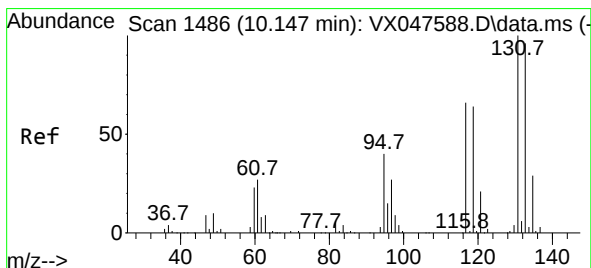
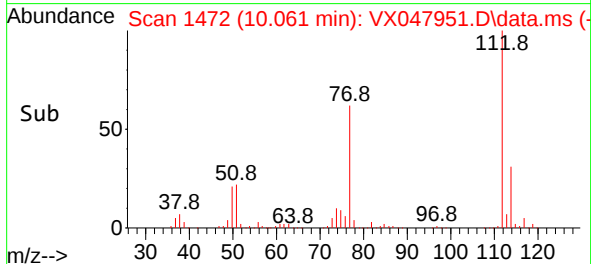
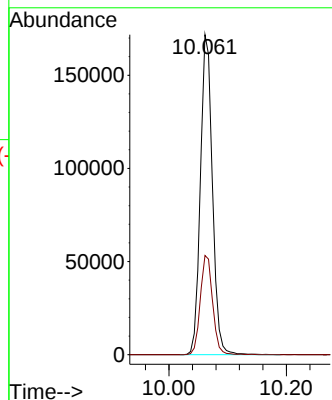
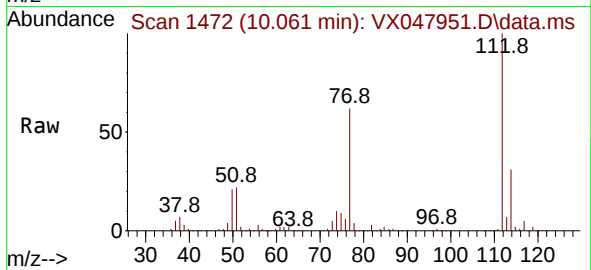
#65
Chlorobenzene
Concen: 51.241 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 242963
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

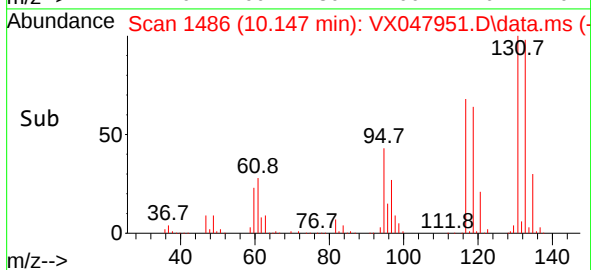
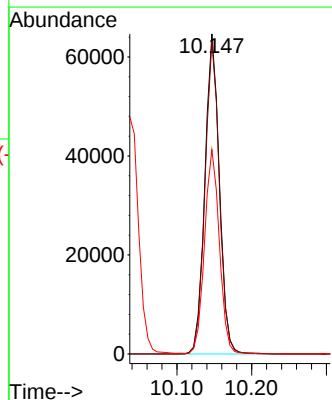
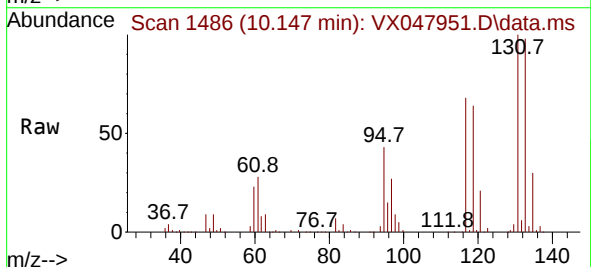
Manual Integrations
APPROVED

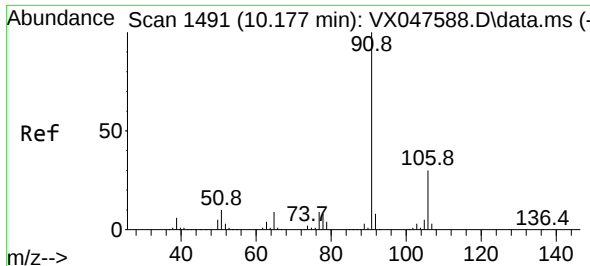
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.346 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

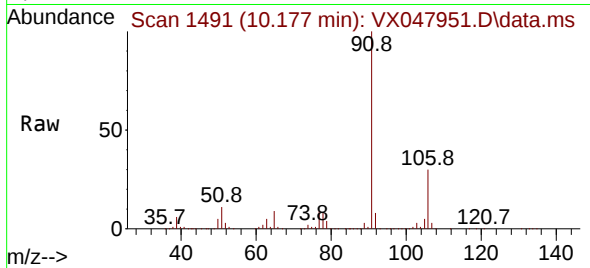
Tgt Ion:131 Resp: 87283
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 65.2 32.0 96.0





#67
Ethyl Benzene
Concen: 50.575 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

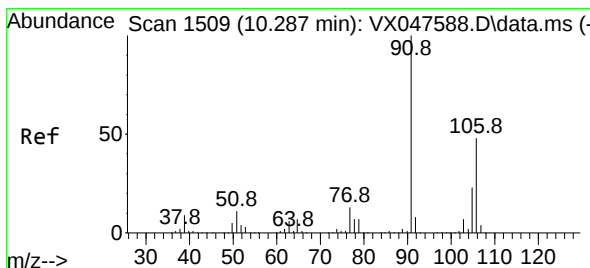
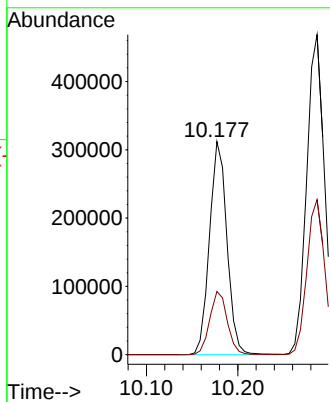
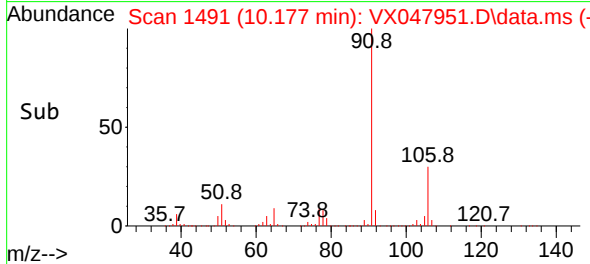
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



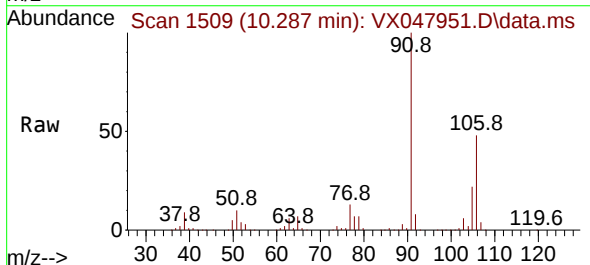
Tgt Ion: 91 Resp: 413758
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5

Manual Integrations
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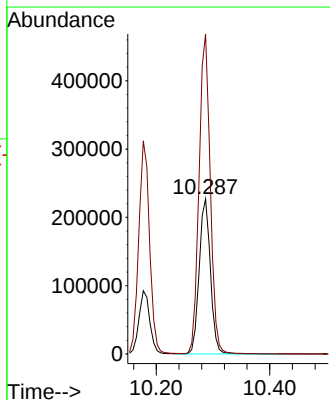
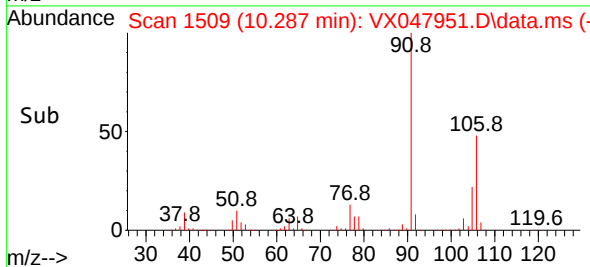
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

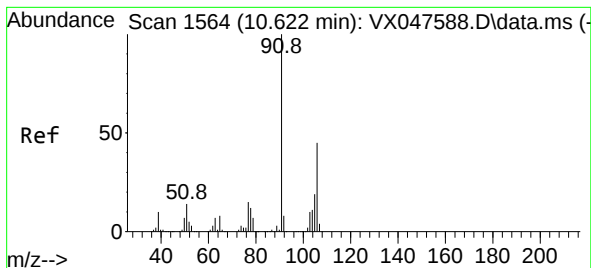


#68
m/p-Xylenes
Concen: 102.520 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



Tgt Ion:106 Resp: 312179
Ion Ratio Lower Upper
106 100
91 206.2 167.8 251.8





#69

o-Xylene

Concen: 51.807 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 152580

Ion Ratio Lower Upper

106 100

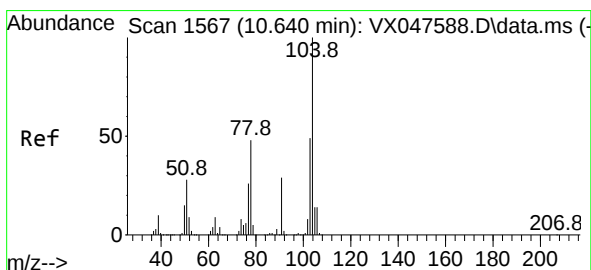
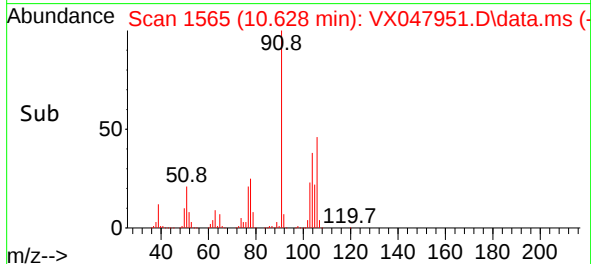
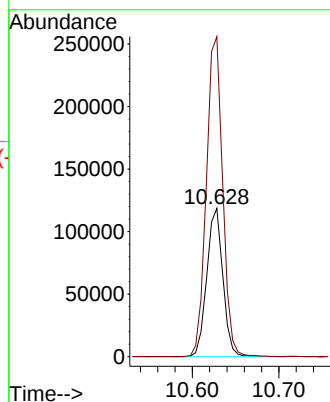
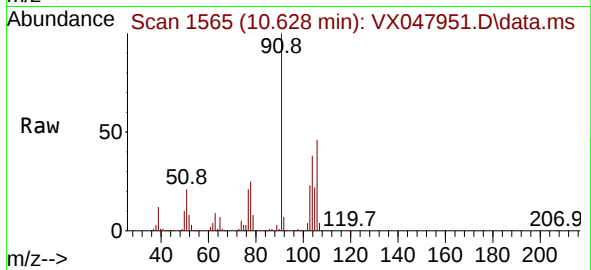
91 219.9 111.1 333.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#70

Styrene

Concen: 52.490 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

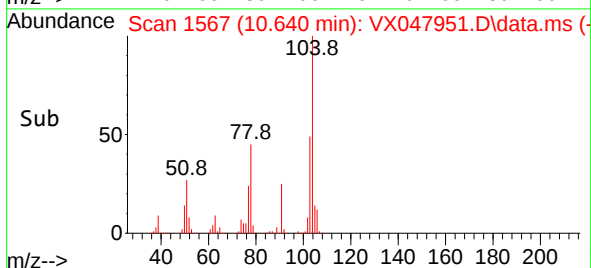
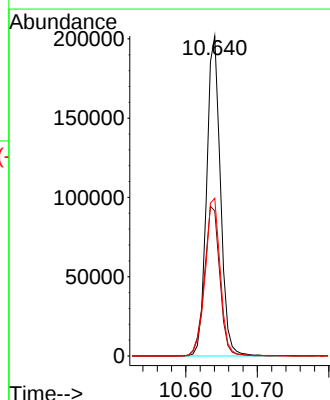
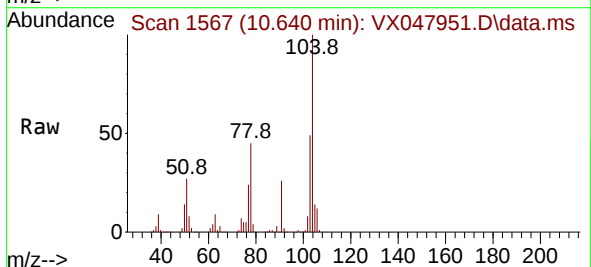
Tgt Ion:104 Resp: 270885

Ion Ratio Lower Upper

104 100

78 52.1 43.1 64.7

103 54.0 43.1 64.7





#71

Bromoform

Concen: 55.387 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 6766

Ion Ratio Lower Upper

173 100

175 46.8 24.9 74.6

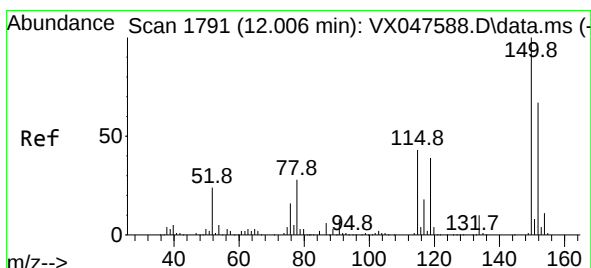
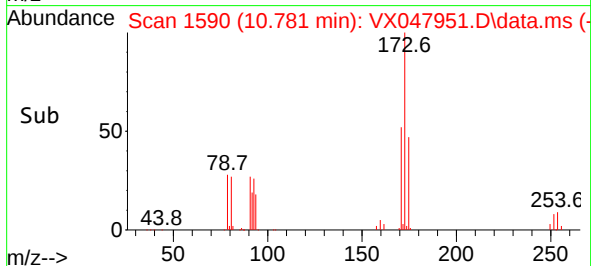
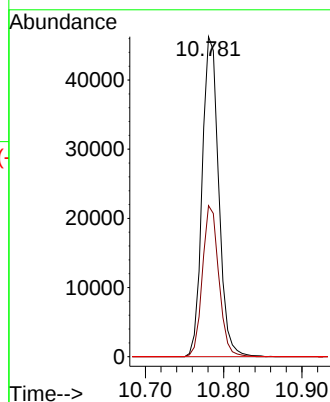
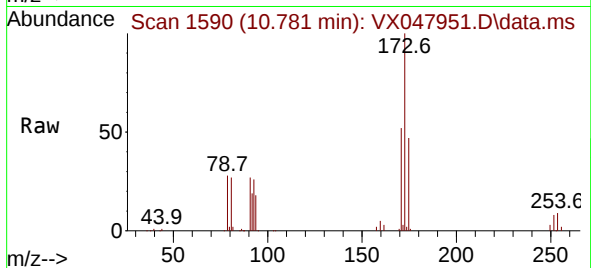
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

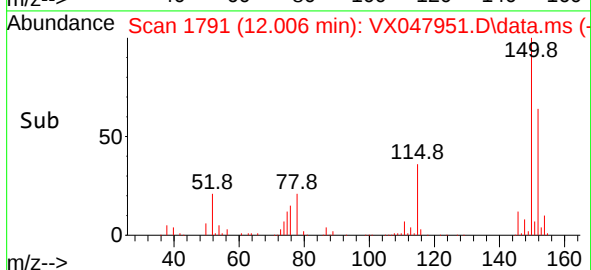
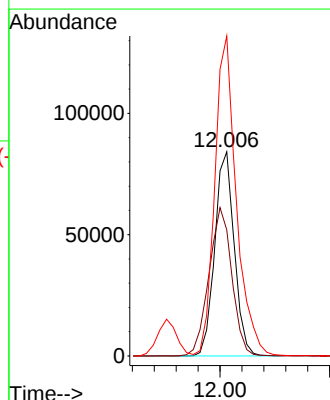
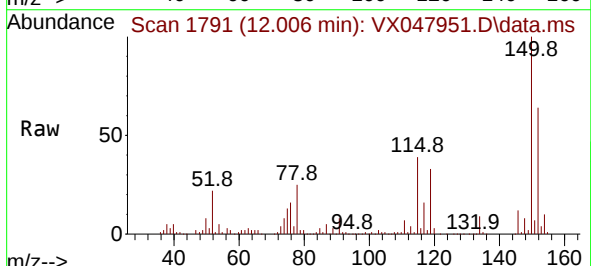
Tgt Ion:152 Resp: 104001

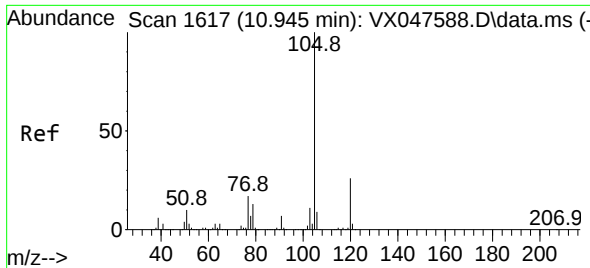
Ion Ratio Lower Upper

152 100

115 85.6 44.9 134.5

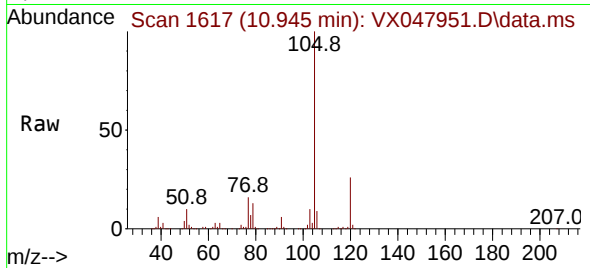
150 173.5 0.0 352.0





#73
Isopropylbenzene
Concen: 49.069 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

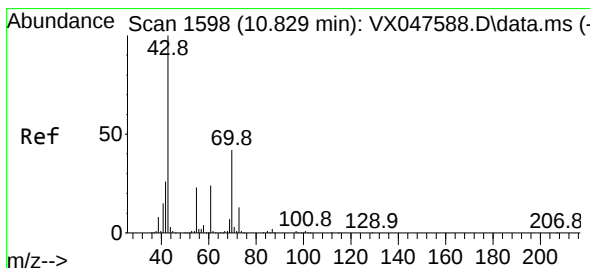
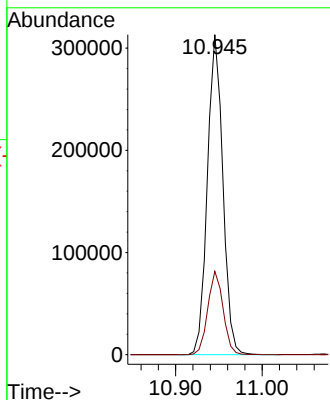
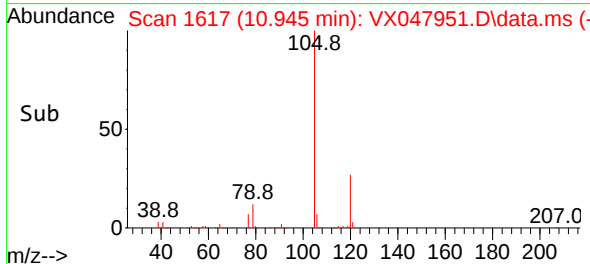
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 387978
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

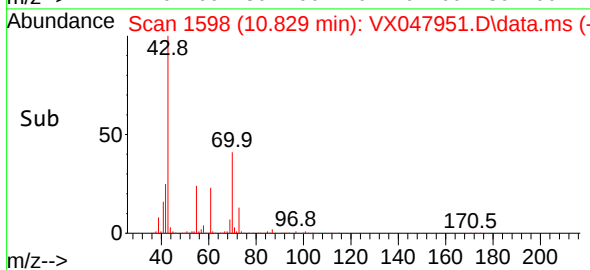
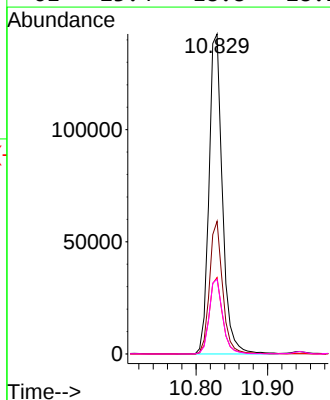
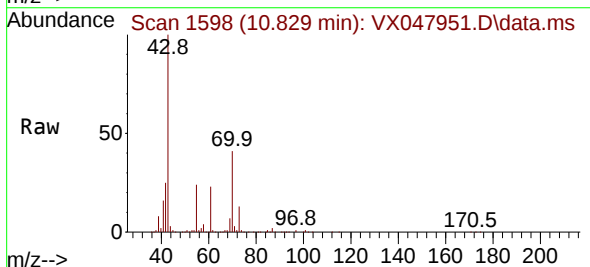
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 51.599 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

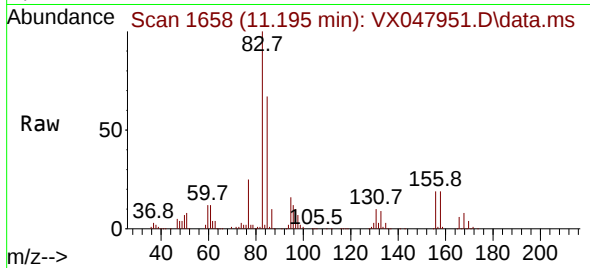
Tgt Ion: 43 Resp: 186045
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 23.8 18.9 28.3
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.684 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

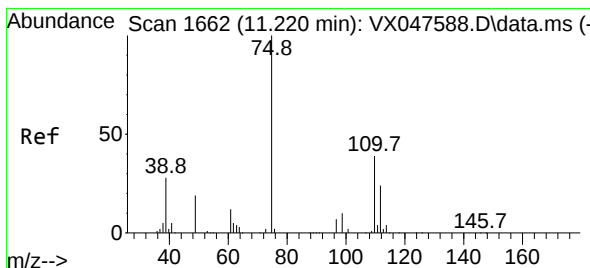
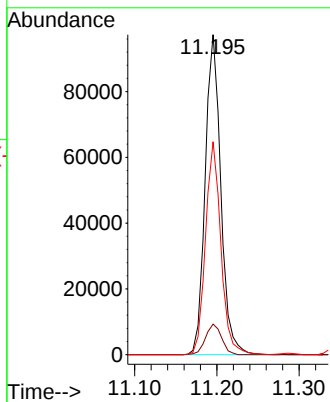
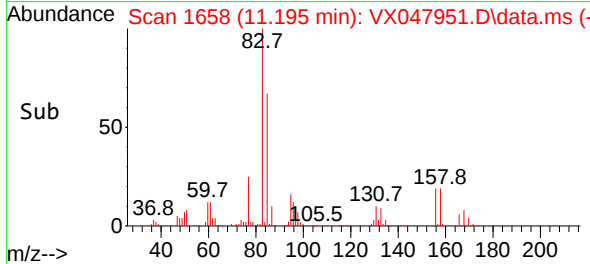
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12842
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 65.6 31.6 95.0

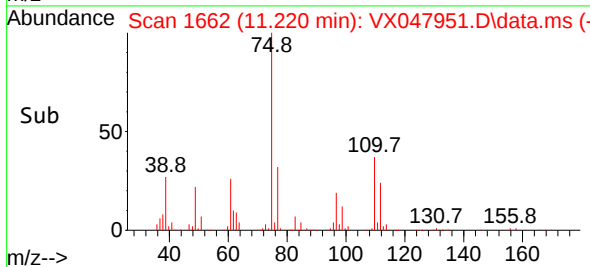
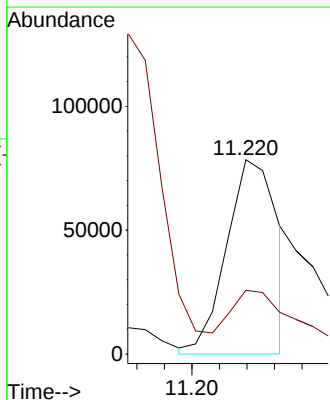
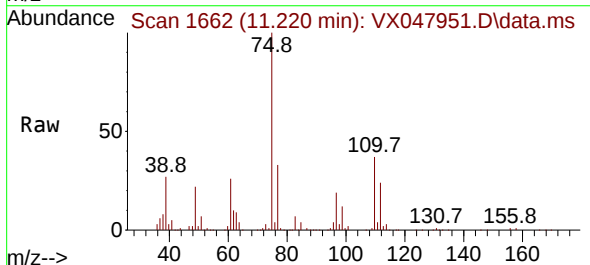
Manual Integrations
APPROVED

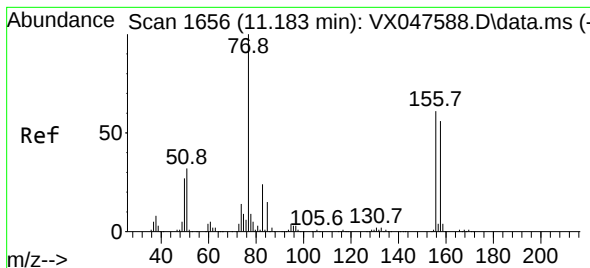
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#76
1,2,3-Trichloropropane
Concen: 47.606 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion: 75 Resp: 100244
Ion Ratio Lower Upper
75 100
77 43.4 18.8 56.4





#77

Bromobenzene

Concen: 50.034 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

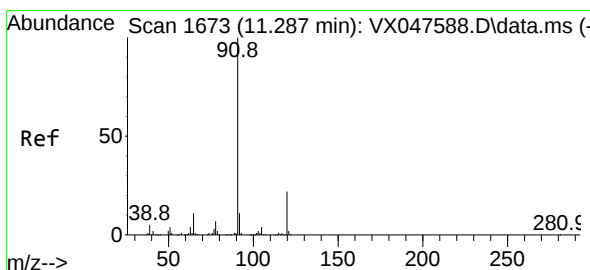
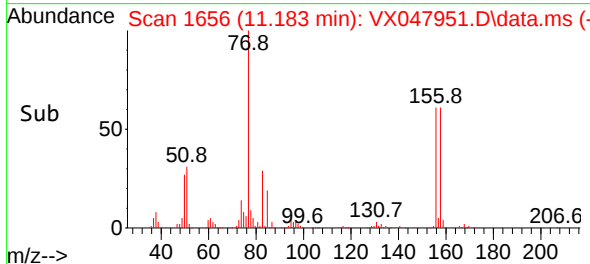
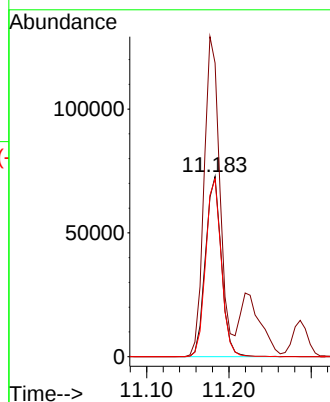
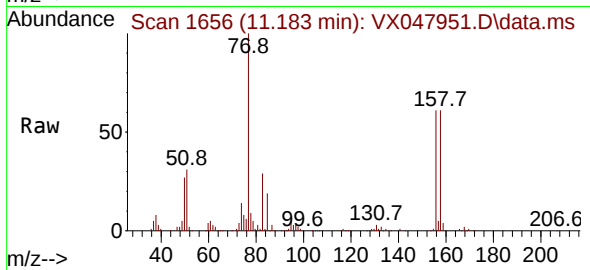
Tgt Ion:	156	Resp:	9743
Ion Ratio	Lower	Upper	
156	100		
77	178.2	89.7	269.1
158	97.4	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#78

n-propylbenzene

Concen: 48.965 ug/l

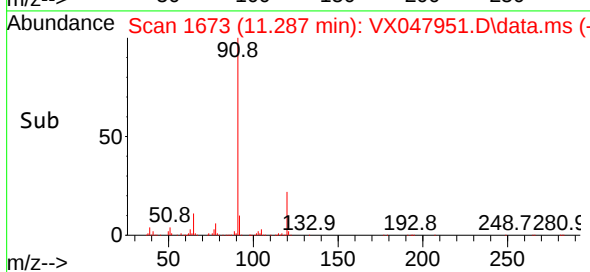
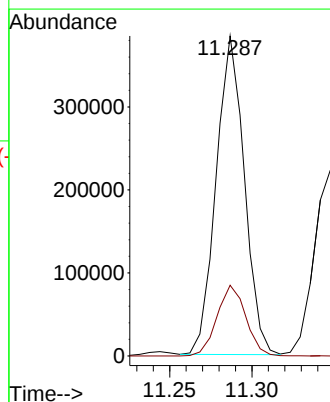
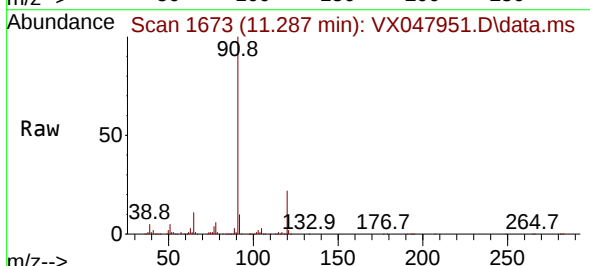
RT: 11.287 min Scan# 1673

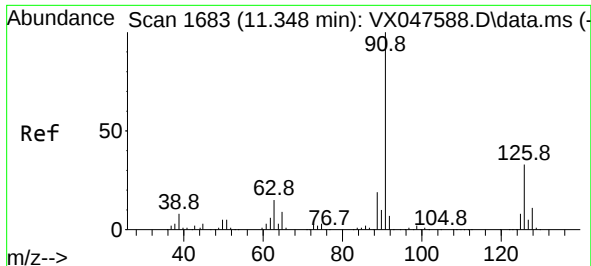
Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

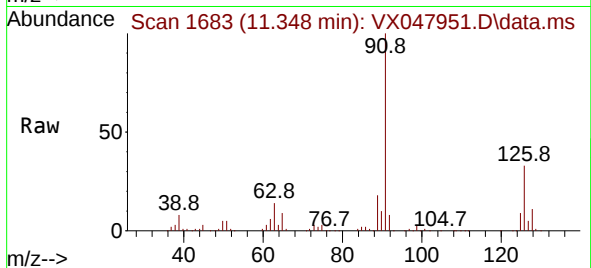
Tgt Ion:	91	Resp:	457669
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.1	33.1





#79
2-Chlorotoluene
Concen: 49.411 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

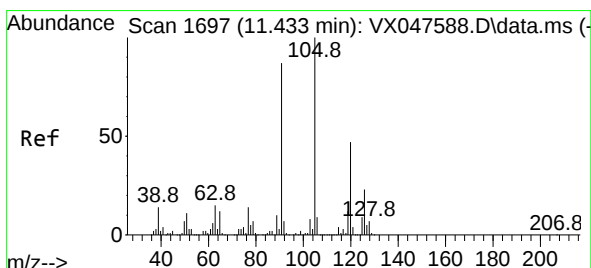
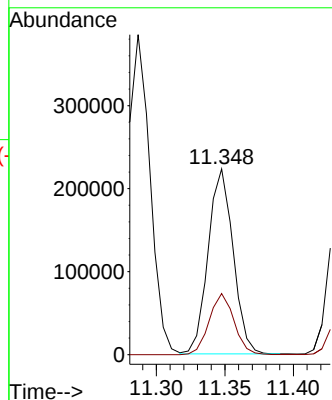
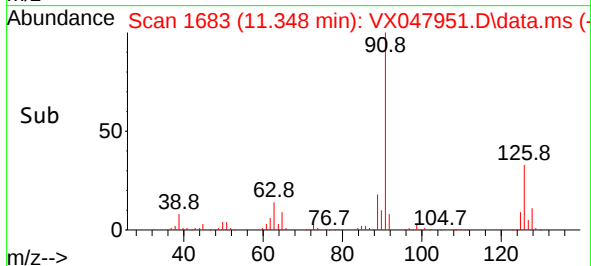
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



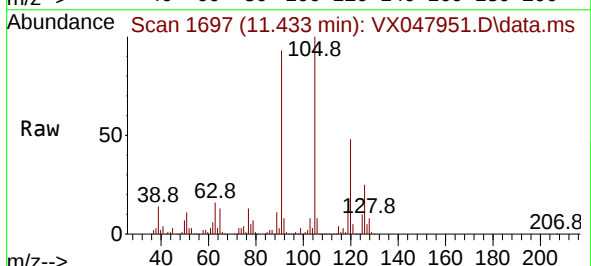
Tgt Ion: 91 Resp: 282868
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

Manual Integrations
APPROVED

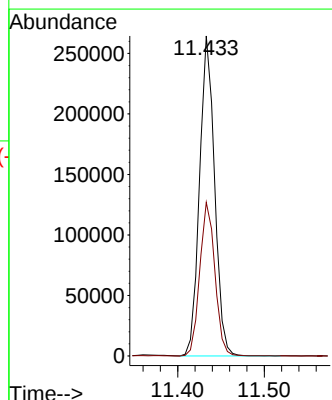
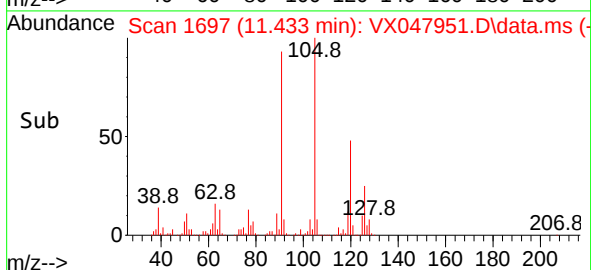
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

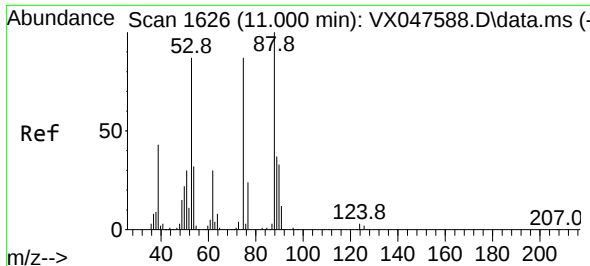


#80
1,3,5-Trimethylbenzene
Concen: 49.089 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



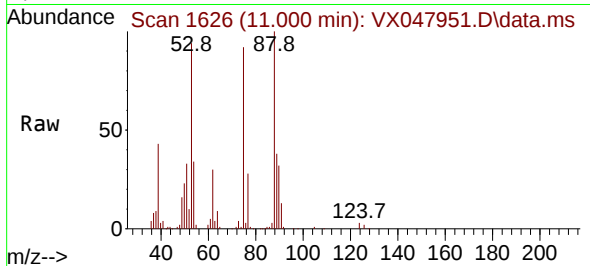
Tgt Ion:105 Resp: 318890
Ion Ratio Lower Upper
105 100
120 48.2 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.236 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

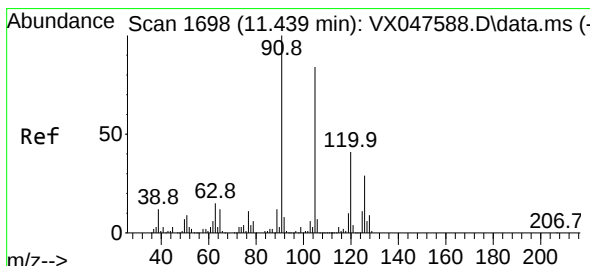
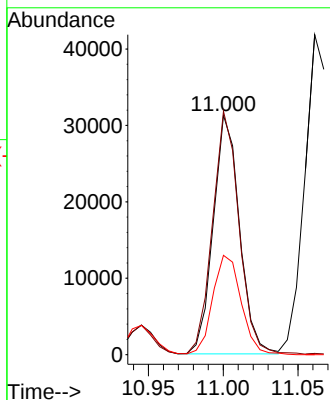
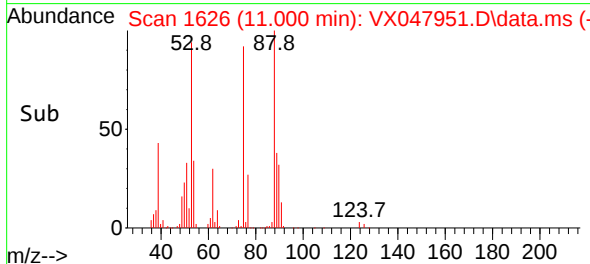
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 38178
Ion Ratio Lower Upper
75 100
53 103.7 83.4 125.2
89 45.1 36.3 54.5

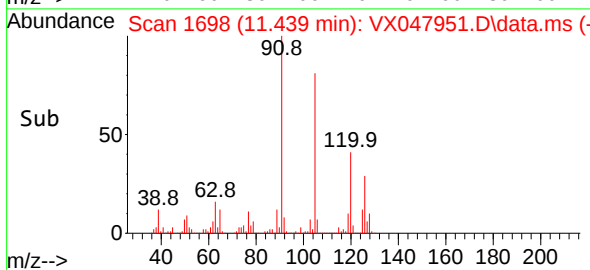
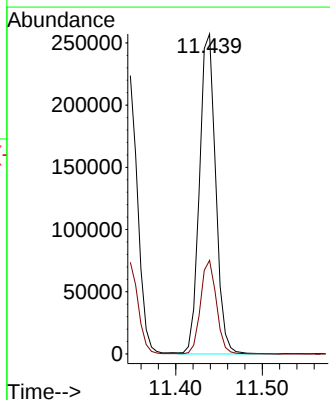
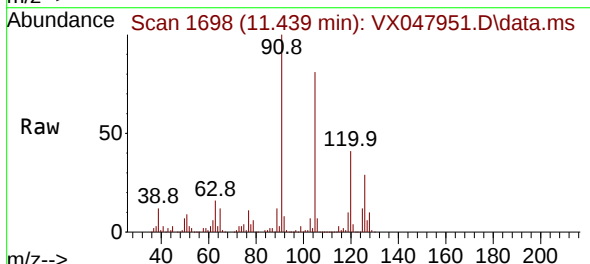
Manual Integrations
APPROVED

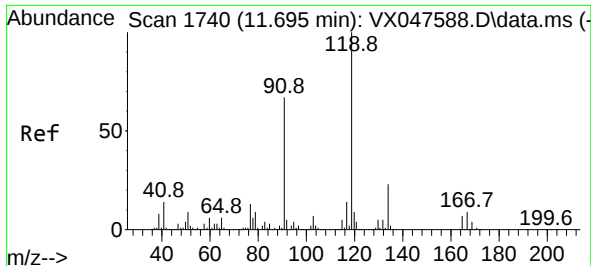
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 49.470 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

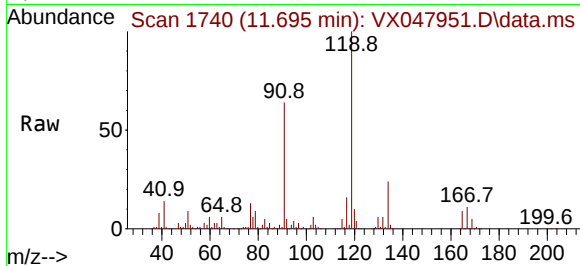
Tgt Ion: 91 Resp: 334477
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.394 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

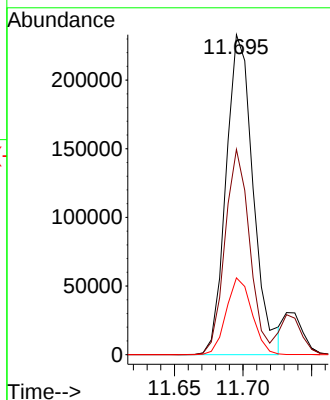
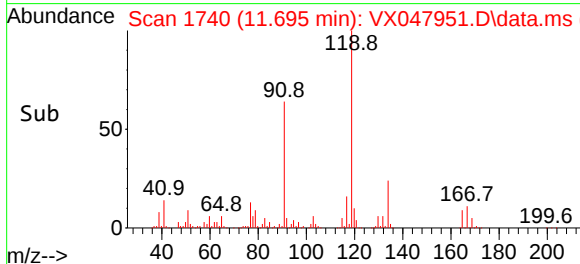
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



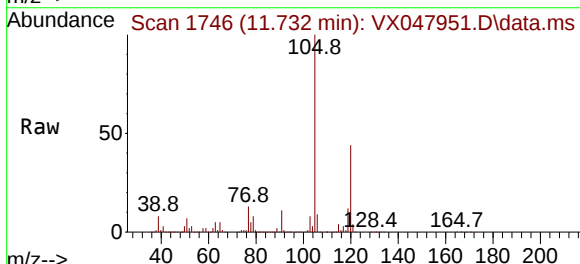
Tgt Ion:119 Resp: 32181
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.8 11.0 33.0

Manual Integrations
APPROVED

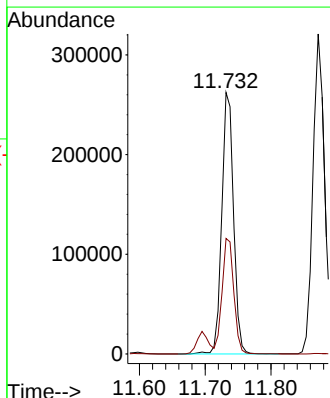
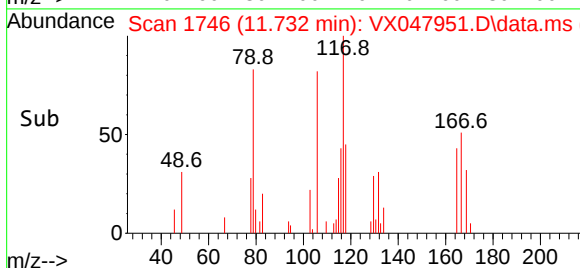
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

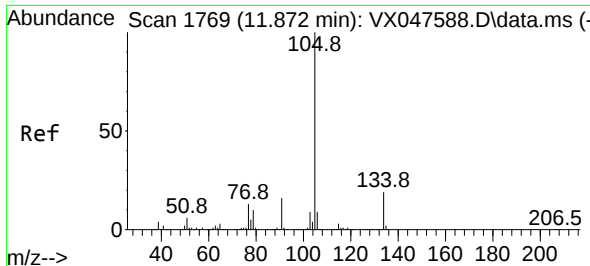


#84
1,2,4-Trimethylbenzene
Concen: 49.580 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



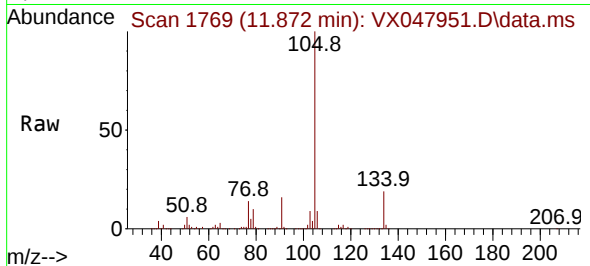
Tgt Ion:105 Resp: 326533
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 49.209 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59

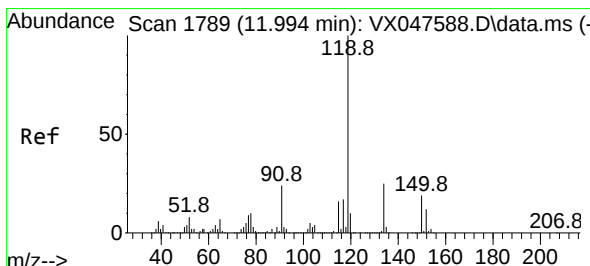
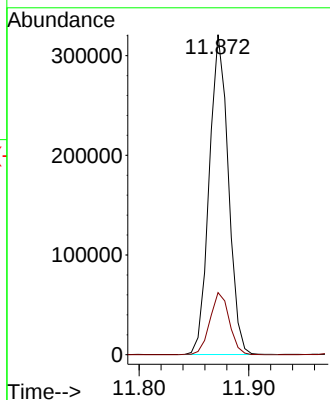
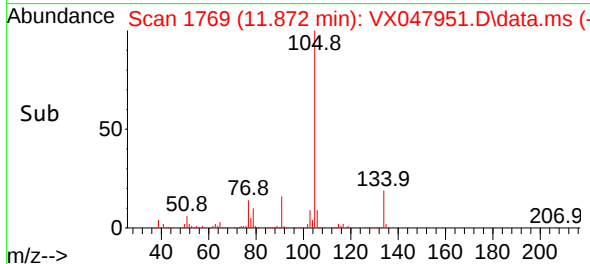
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



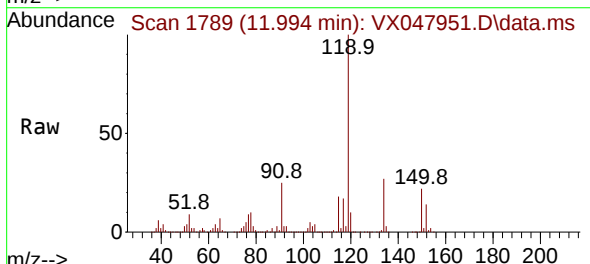
Tgt Ion:105 Resp: 388690
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

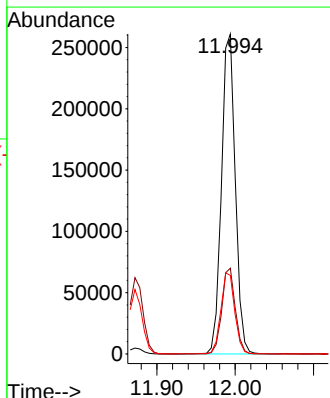
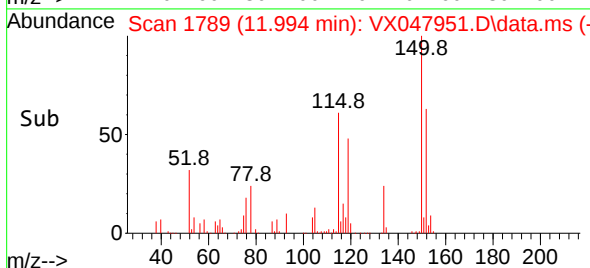
Reviewed By :John Carlone 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025

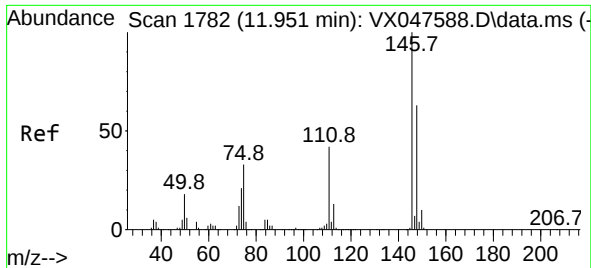


#86
 p-Isopropyltoluene
 Concen: 47.994 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: VX047951.D
 Acq: 01 Oct 2025 18:59



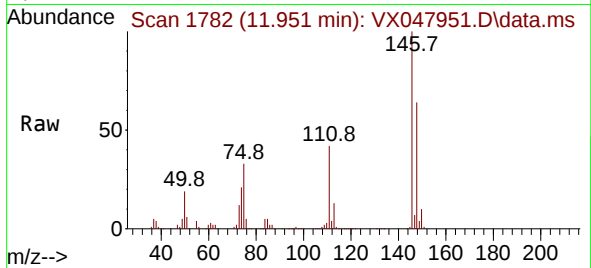
Tgt Ion:119 Resp: 320945
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 25.5 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 49.654 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

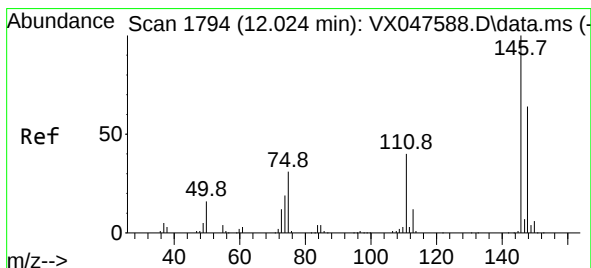
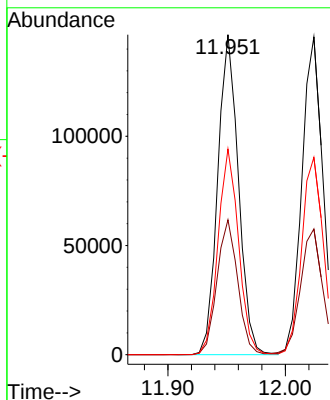
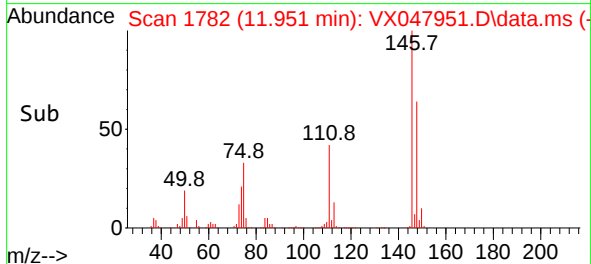
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 17960
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 63.9 32.0 96.0

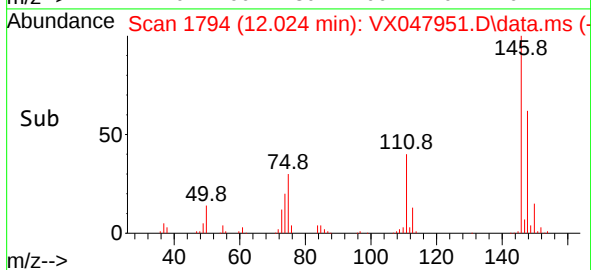
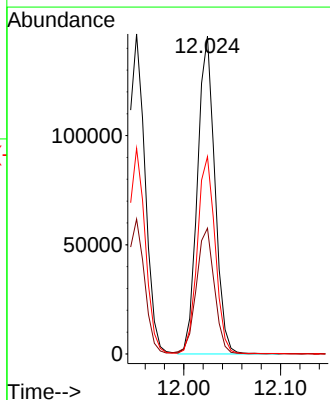
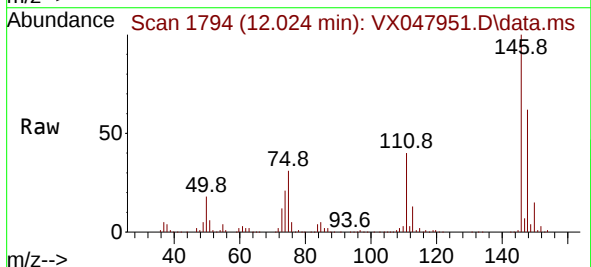
Manual Integrations
APPROVED

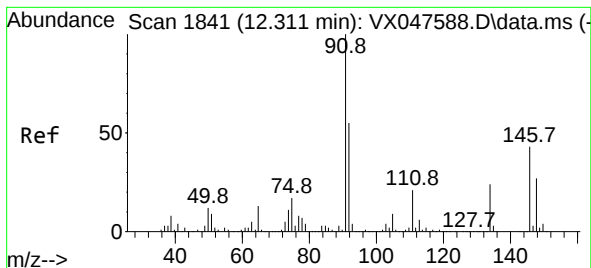
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#88
1,4-Dichlorobenzene
Concen: 49.206 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

Tgt Ion:146 Resp: 182671
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 47.831 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 295960

Ion Ratio Lower Upper

91 100

92 53.8 27.6 82.7

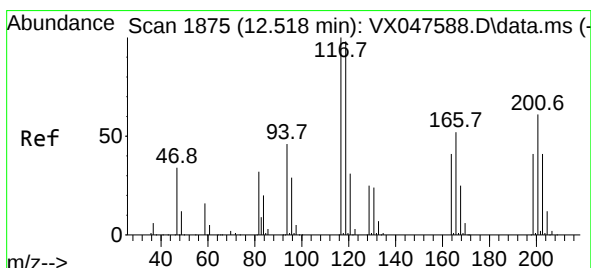
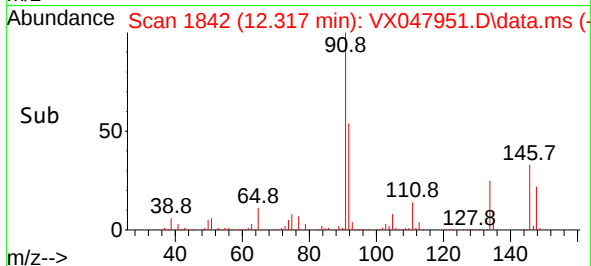
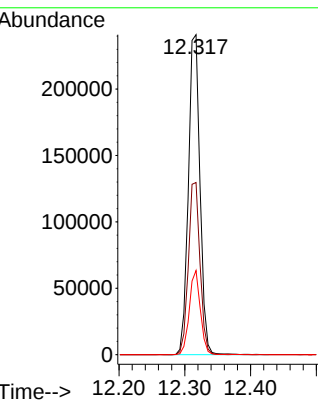
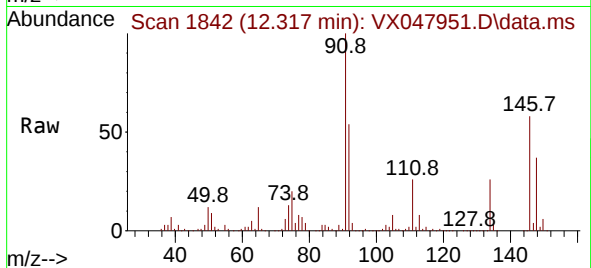
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#90

Hexachloroethane

Concen: 50.871 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX047951.D

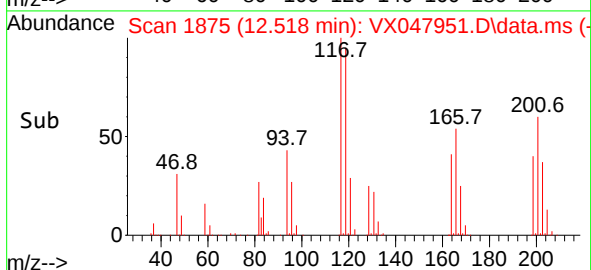
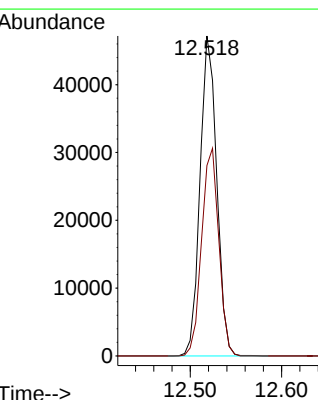
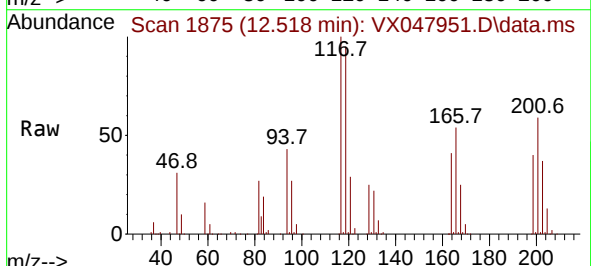
Acq: 01 Oct 2025 18:59

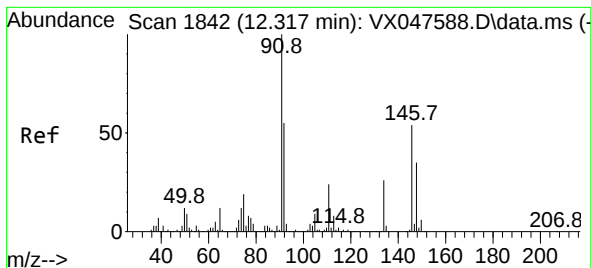
Tgt Ion:117 Resp: 59726

Ion Ratio Lower Upper

117 100

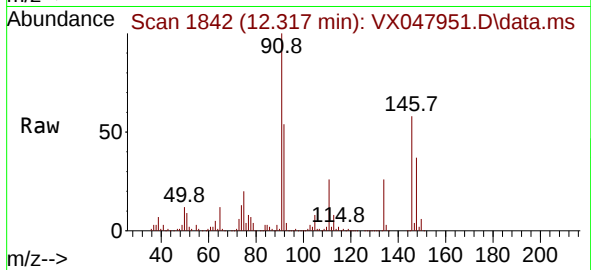
201 66.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.519 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59

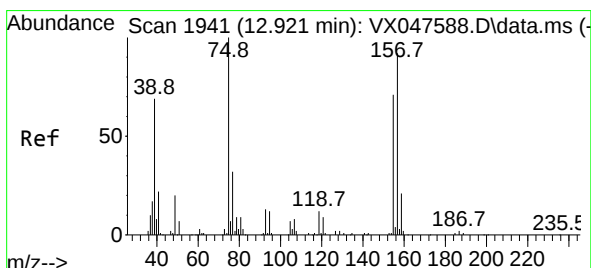
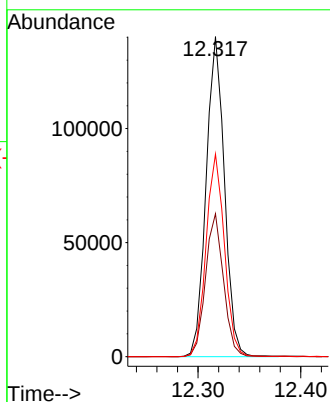
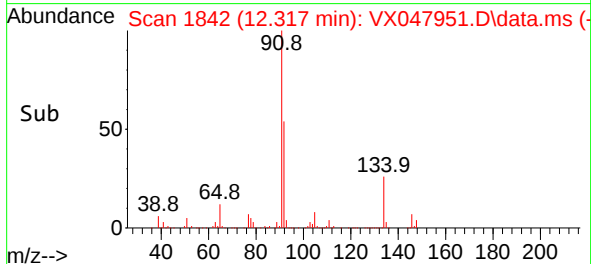
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



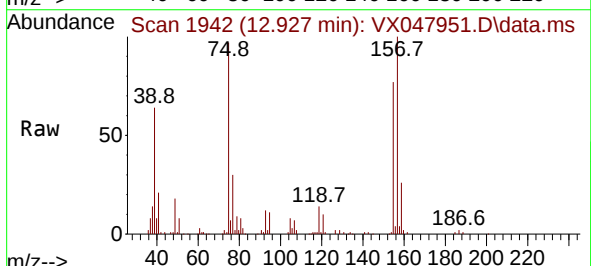
Tgt Ion:146 Resp: 174092
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.6 31.8 95.4

Manual Integrations
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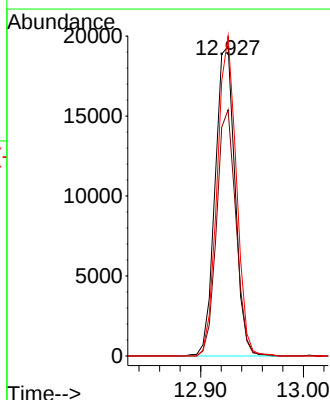
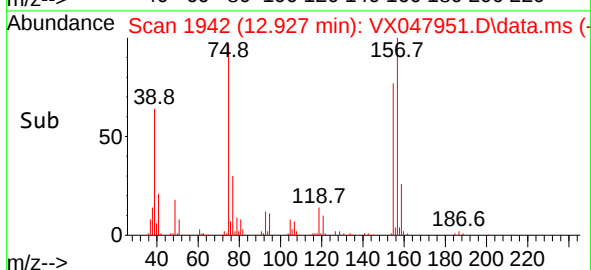
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

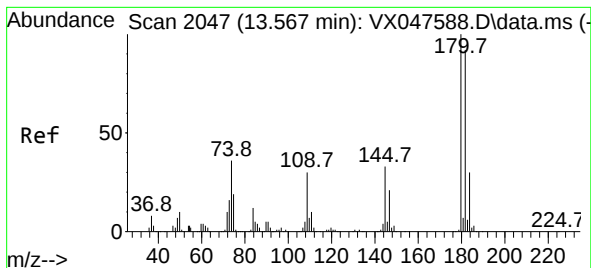


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.410 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047951.D
Acq: 01 Oct 2025 18:59



Tgt Ion: 75 Resp: 25868
Ion Ratio Lower Upper
75 100
155 77.4 37.7 113.1
157 99.9 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.379 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10835

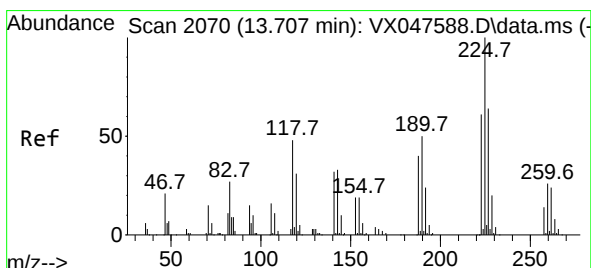
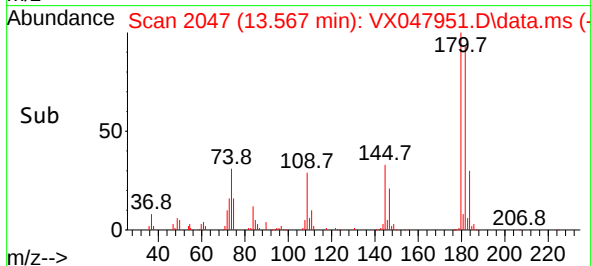
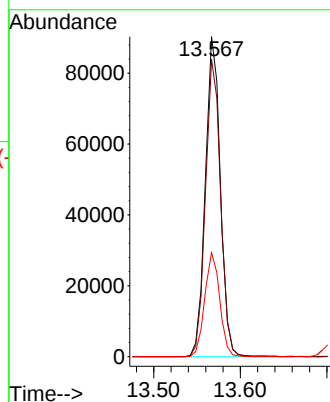
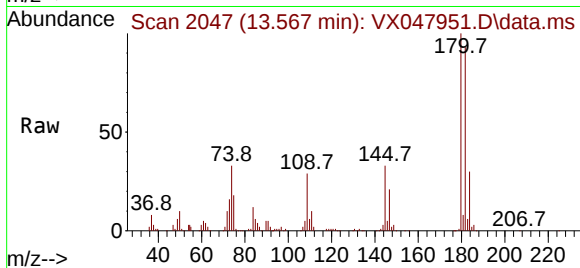
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.6	139.8
145	32.6	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 46.344 ug/l

RT: 13.701 min Scan# 2069

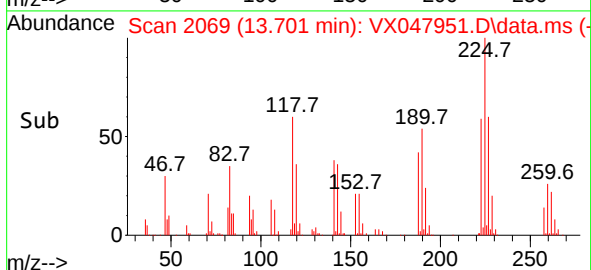
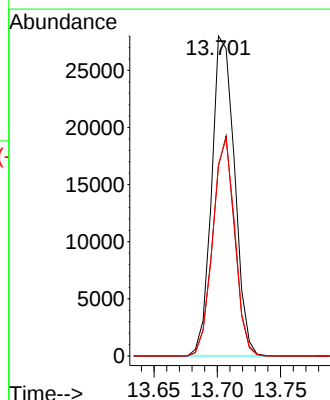
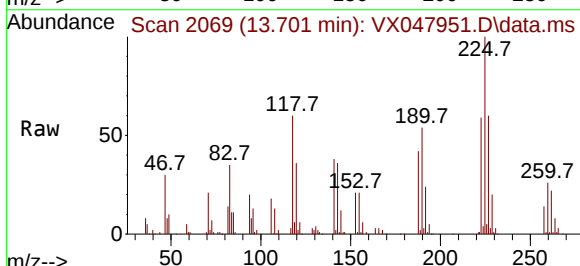
Delta R.T. -0.006 min

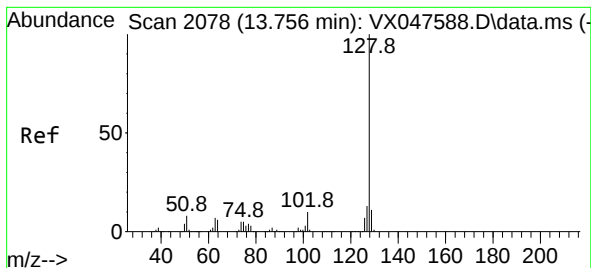
Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Tgt Ion:225 Resp: 35255

Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.7	95.1
227	65.7	32.0	96.0





#95

Naphthalene

Concen: 51.534 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 35145

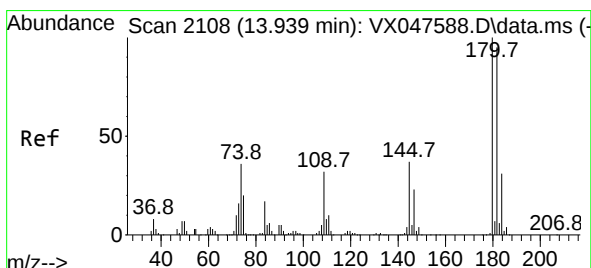
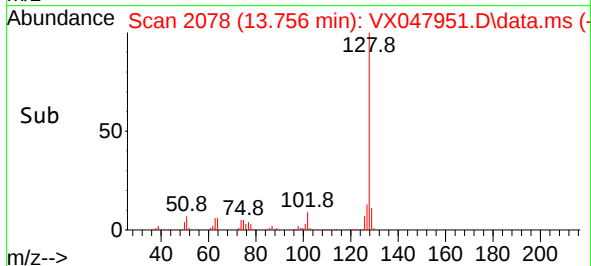
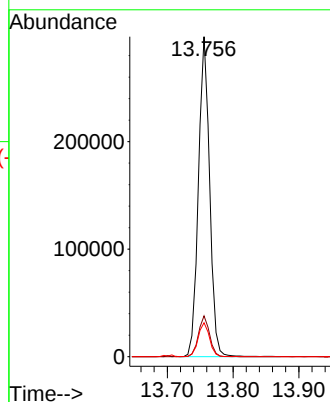
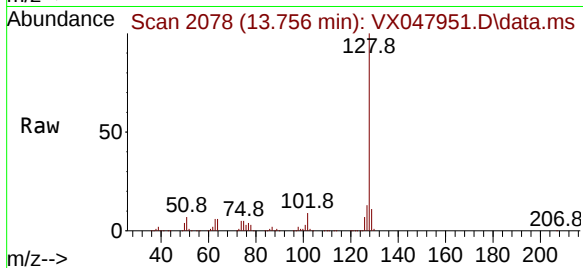
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.606 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX047951.D

Acq: 01 Oct 2025 18:59

Tgt Ion:180 Resp: 105429

Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.6	142.8
145	34.3	17.9	53.7

