

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047746.D
 Acq On : 24 Sep 2025 02:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 03:43:03 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	166745	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	290663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	143883	54.210	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.420%			
35) Dibromofluoromethane	5.361	113	115620	59.312	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.620%			
50) Toluene-d8	8.629	98	385188	57.106	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 114.220%#			
62) 4-Bromofluorobenzene	11.061	95	143339	55.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	112040	64.888	ug/l	100
3) Chloromethane	1.301	50	130600	57.550	ug/l	100
4) Vinyl Chloride	1.380	62	131626	59.253	ug/l	99
5) Bromomethane	1.612	94	78027	55.392	ug/l	100
6) Chloroethane	1.691	64	81956	55.200	ug/l	99
7) Trichlorofluoromethane	1.892	101	183574	55.656	ug/l	98
8) Diethyl Ether	2.136	74	71840	53.244	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	109156	56.598	ug/l	98
10) Methyl Iodide	2.453	142	159713	53.098	ug/l	100
11) Tert butyl alcohol	2.941	59	74645	252.518	ug/l	99
12) 1,1-Dichloroethene	2.319	96	110500	55.777	ug/l	95
13) Acrolein	2.233	56	76283	280.037	ug/l	97
14) Allyl chloride	2.660	41	201882	49.383	ug/l	97
15) Acrylonitrile	3.050	53	308364	281.629	ug/l	99
16) Acetone	2.374	43	248054	214.945	ug/l	97
17) Carbon Disulfide	2.514	76	299474	55.218	ug/l	98
18) Methyl Acetate	2.697	43	144662	56.326	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	375666	51.946	ug/l	100
20) Methylene Chloride	2.788	84	128569	52.632	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	115848	54.315	ug/l	98
22) Diisopropyl ether	3.745	45	417196	52.658	ug/l	88
23) Vinyl Acetate	3.709	43	1676763	264.433	ug/l	100
24) 1,1-Dichloroethane	3.599	63	224981	53.426	ug/l	100
25) 2-Butanone	4.532	43	365129	253.647	ug/l	98
26) 2,2-Dichloropropane	4.459	77	121706	34.769	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	135871	52.016	ug/l	95
28) Bromochloromethane	4.879	49	104808	57.010	ug/l	98
29) Tetrahydrofuran	4.983	42	236130	272.674	ug/l	99
30) Chloroform	5.068	83	221493	52.050	ug/l	97
31) Cyclohexane	5.452	56	179654	51.224	ug/l	96
32) 1,1,1-Trichloroethane	5.361	97	187296	51.890	ug/l	100
36) 1,1-Dichloropropene	5.672	75	146503	51.432	ug/l	99
37) Ethyl Acetate	4.690	43	157558	51.660	ug/l	99
38) Carbon Tetrachloride	5.660	117	160891	51.986	ug/l	97
39) Methylcyclohexane	7.361	83	167414	51.777	ug/l	99
40) Benzene	6.019	78	460455	53.223	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	87766	55.742	ug/l	97
42) 1,2-Dichloroethane	6.068	62	165276	50.209	ug/l	98
43) Isopropyl Acetate	6.318	43	257745	51.528	ug/l	99
44) Trichloroethene	7.104	130	112394	53.736	ug/l	99
45) 1,2-Dichloropropane	7.409	63	116449	52.565	ug/l	100
46) Dibromomethane	7.562	93	84502	52.418	ug/l	98
47) Bromodichloromethane	7.799	83	172703	51.915	ug/l	99
48) Methyl methacrylate	7.671	41	129497	51.974	ug/l	98
49) 1,4-Dioxane	7.641	88	32904	1306.764	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	749272	270.171	ug/l	100
52) Toluene	8.702	92	276160	51.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	163001	48.037	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	178505	49.218	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	107258	52.187	ug/l	98
56) Ethyl methacrylate	9.098	69	169567	52.534	ug/l	97
57) 1,3-Dichloropropane	9.287	76	186062	52.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	436211	280.568	ug/l	100
59) 2-Hexanone	9.415	43	518114	260.122	ug/l	98
60) Dibromochloromethane	9.500	129	125404	52.954	ug/l	99
61) 1,2-Dibromoethane	9.592	107	111139	53.090	ug/l	100
64) Tetrachloroethene	9.257	164	87453	53.073	ug/l	97
65) Chlorobenzene	10.061	112	297945	51.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	104386	52.679	ug/l	100
67) Ethyl Benzene	10.177	91	516414	52.120	ug/l	100
68) m/p-Xylenes	10.287	106	390979	106.017	ug/l	98
69) o-Xylene	10.622	106	187203	52.481	ug/l	99
70) Styrene	10.634	104	330686	52.908	ug/l	98
71) Bromoform	10.781	173	80138	54.161	ug/l #	96
73) Isopropylbenzene	10.945	105	481526	51.938	ug/l	100
74) N-amyl acetate	10.823	43	221168	52.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	149789	53.400	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	119145m	48.255	ug/l	
77) Bromobenzene	11.183	156	116706	51.110	ug/l	97
78) n-propylbenzene	11.287	91	563194	51.387	ug/l	99
79) 2-Chlorotoluene	11.348	91	341925	50.938	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	385950	50.669	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	42739	44.142	ug/l	98
82) 4-Chlorotoluene	11.439	91	398881	50.313	ug/l	99
83) tert-Butylbenzene	11.695	119	397171	50.936	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	394508	51.085	ug/l	99
85) sec-Butylbenzene	11.872	105	471850	50.945	ug/l	100
86) p-Isopropyltoluene	11.988	119	397440	50.687	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	214686	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	218086	50.100	ug/l	99
89) n-Butylbenzene	12.311	91	359706	49.578	ug/l	99
90) Hexachloroethane	12.518	117	70601	51.284	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	208091	51.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28554	50.279	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	129844	49.444	ug/l	100
94) Hexachlorobutadiene	13.707	225	42478	47.621	ug/l	99
95) Naphthalene	13.756	128	410203	51.297	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	124328	50.895	ug/l	98

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MSVOA_X
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VSTDCCC050

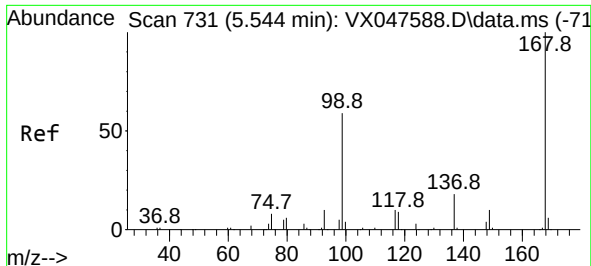
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/26/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

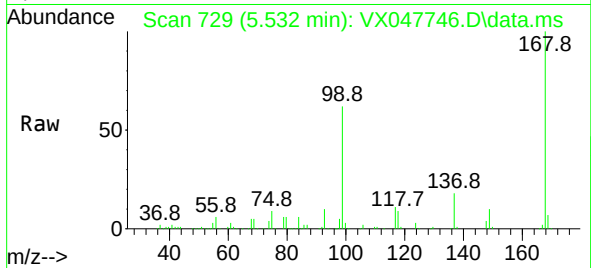
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
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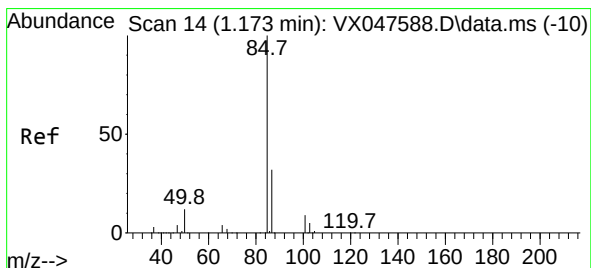
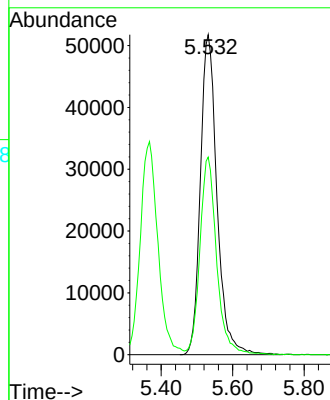
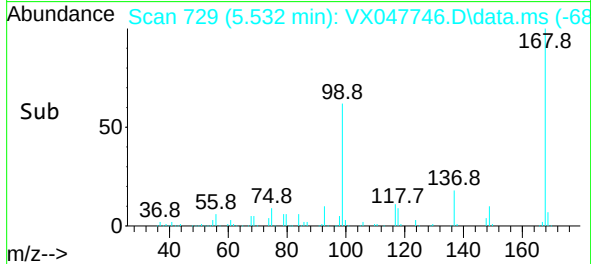
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 166749
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2

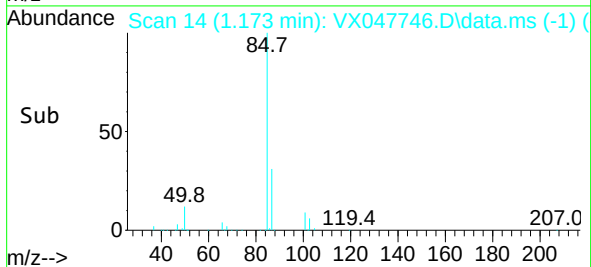
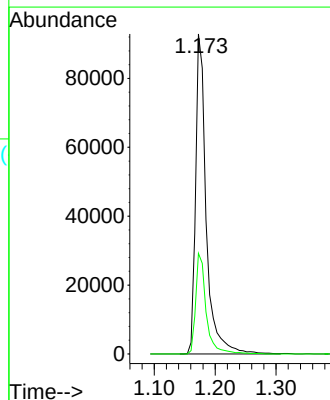
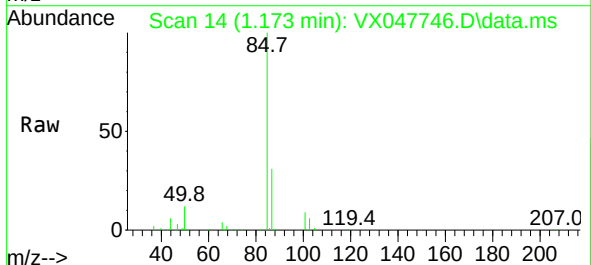
Manual Integrations
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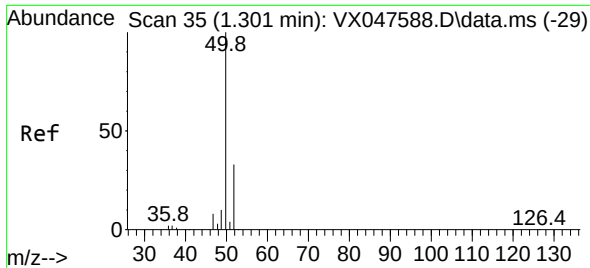
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 64.888 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

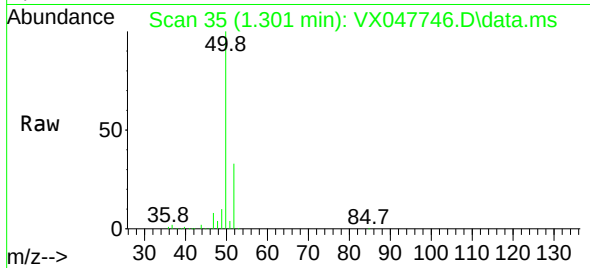
Tgt Ion: 85 Resp: 112040
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.3





#3
Chloromethane
Concen: 57.550 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

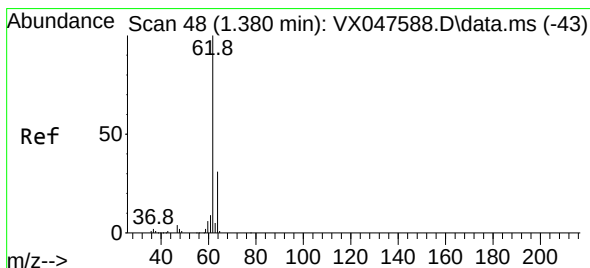
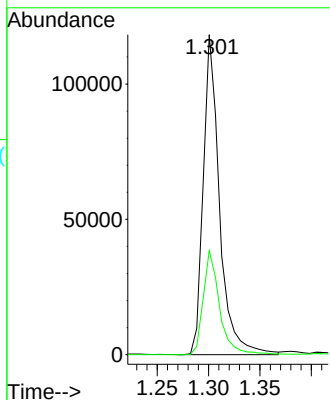
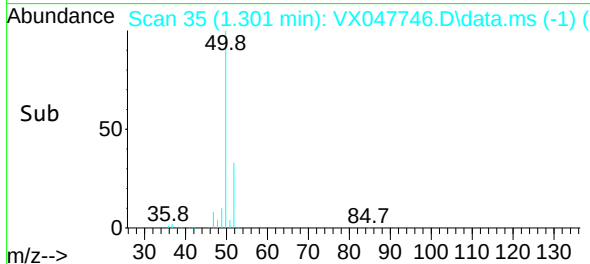
Instrument :
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VSTDCCC050



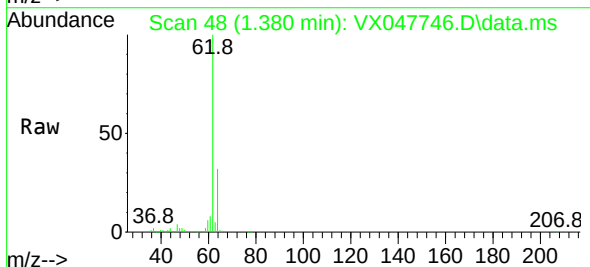
Tgt Ion: 50 Resp: 130600
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

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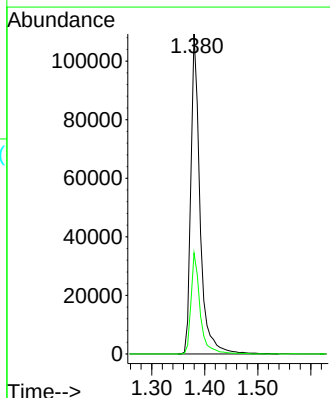
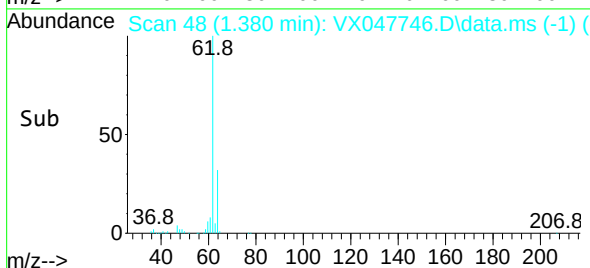
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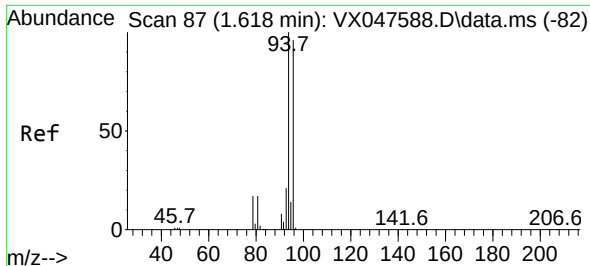


#4
Vinyl Chloride
Concen: 59.253 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



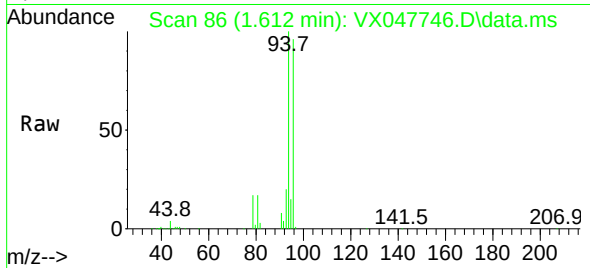
Tgt Ion: 62 Resp: 131626
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5
Bromomethane
Concen: 55.392 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047746.D
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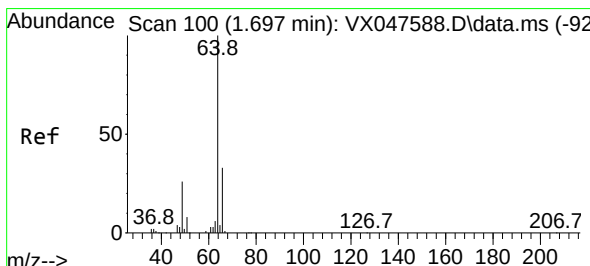
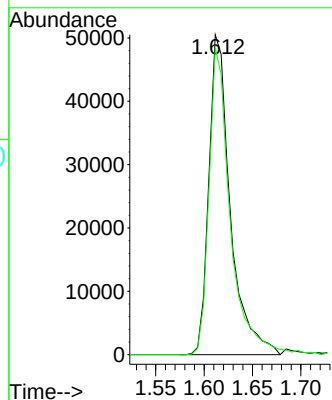
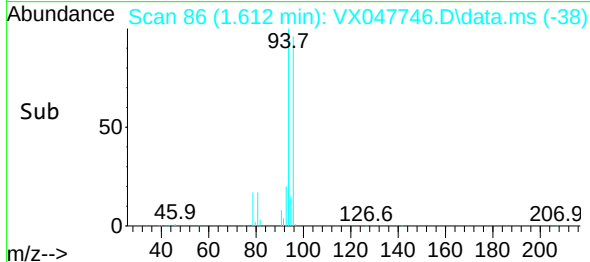
Instrument :
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Tgt Ion: 94 Resp: 7802
Ion Ratio Lower Upper
94 100
96 95.9 76.6 115.0

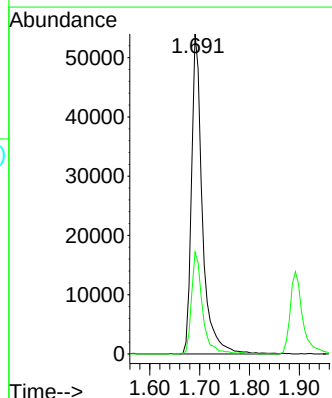
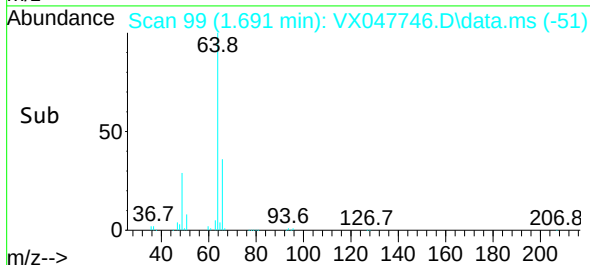
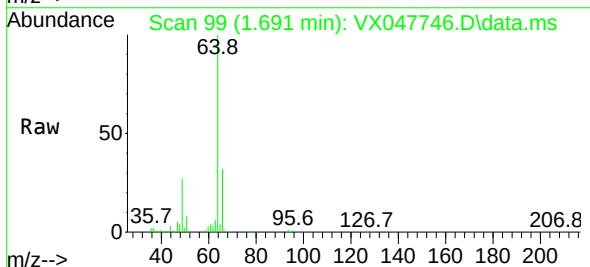
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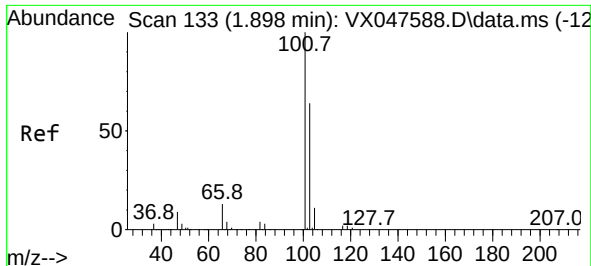
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#6
Chloroethane
Concen: 55.200 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

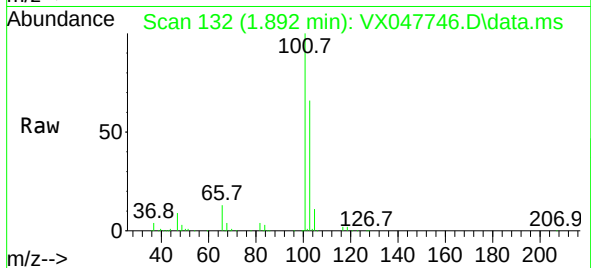
Tgt Ion: 64 Resp: 81956
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 55.656 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047746.D
 Acq: 24 Sep 2025 02:08

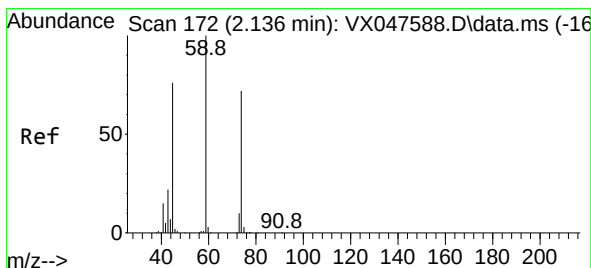
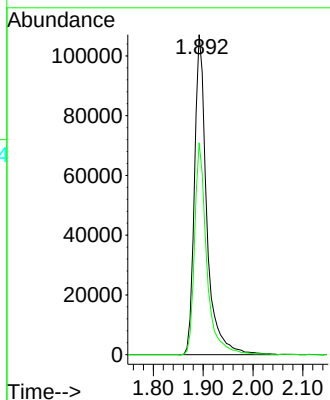
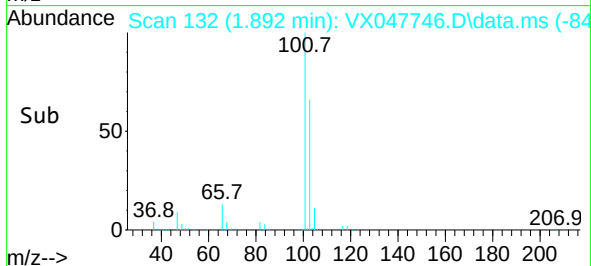
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 183574
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.2

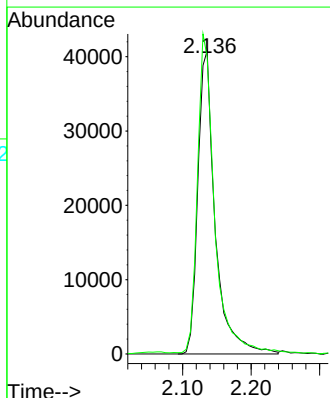
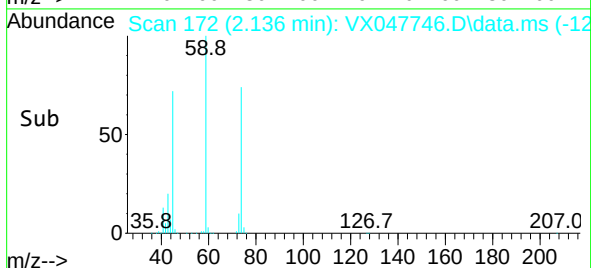
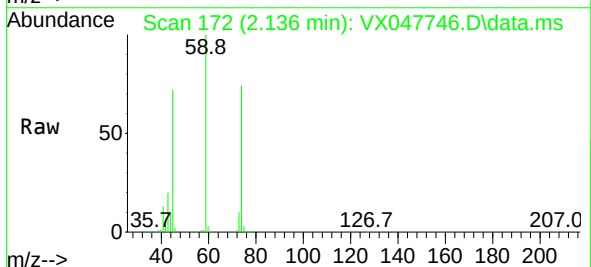
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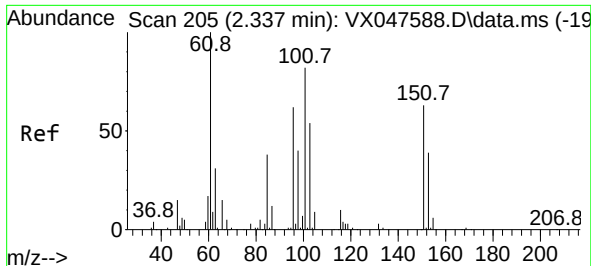
Reviewed By :John Carlone 09/24/2025
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#8
 Diethyl Ether
 Concen: 53.244 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 71840
 Ion Ratio Lower Upper
 74 100
 45 105.8 52.3 156.8





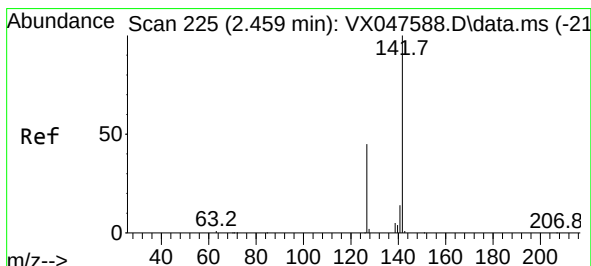
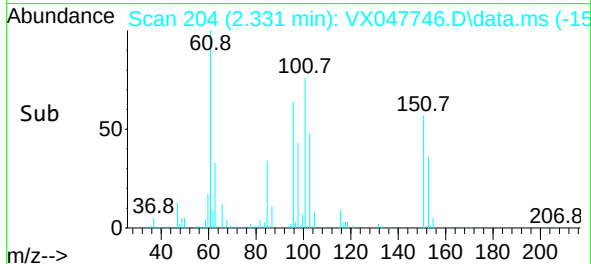
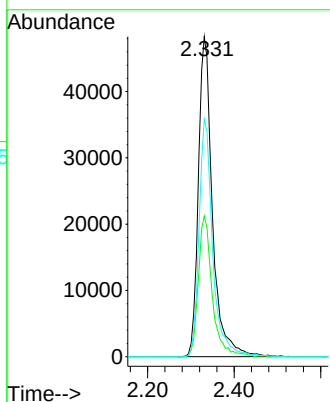
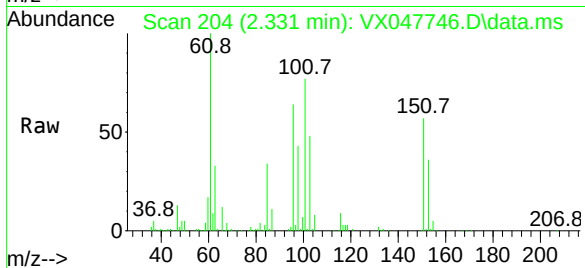
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.598 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 109150
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 72.1 59.4 89.0

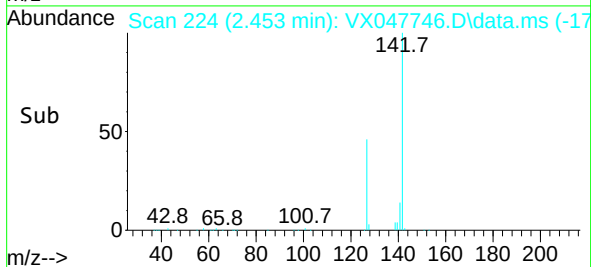
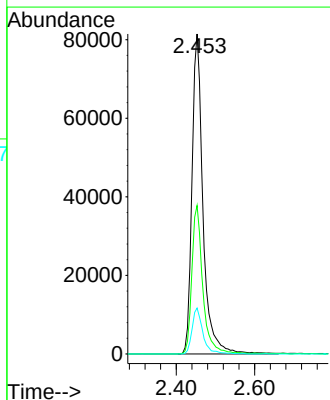
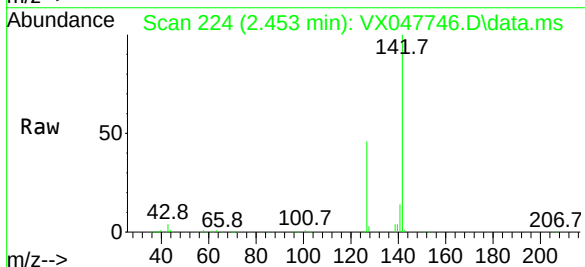
Manual Integrations
APPROVED

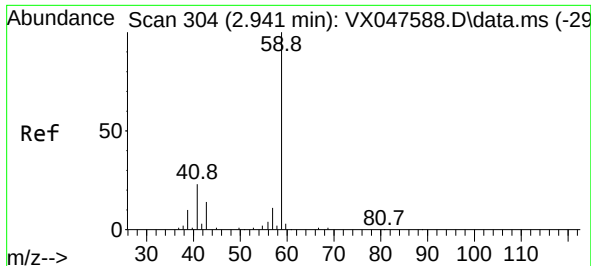
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 53.098 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

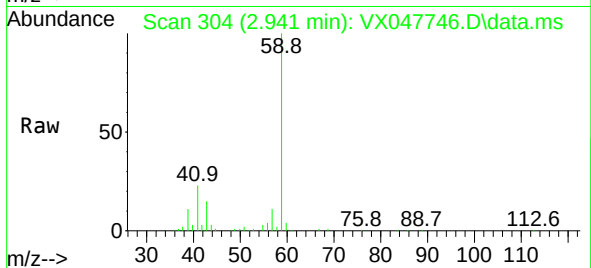
Tgt Ion:142 Resp: 159713
Ion Ratio Lower Upper
142 100
127 46.2 37.2 55.8
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 252.518 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

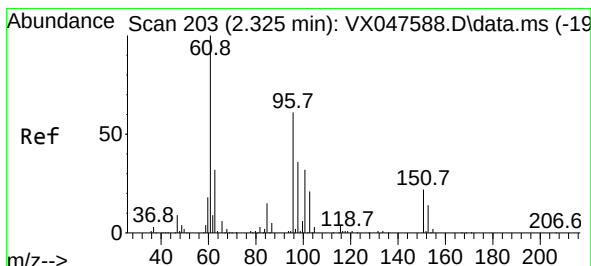
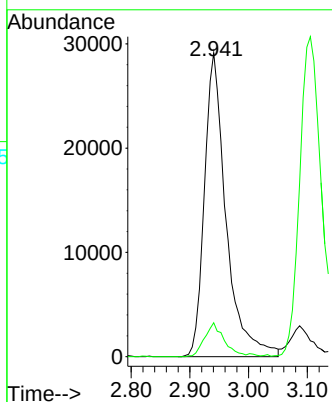
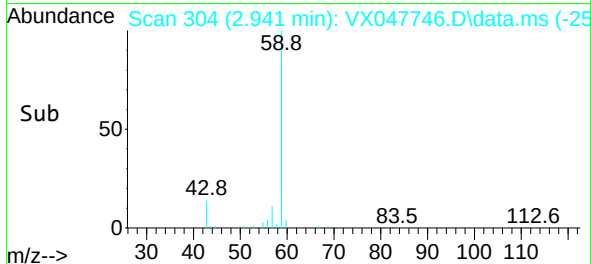
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



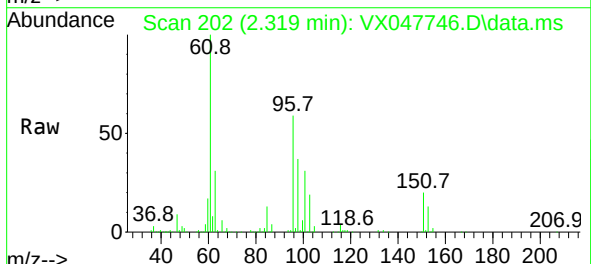
Tgt Ion: 59 Resp: 74649
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
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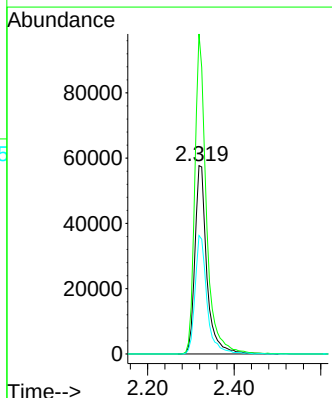
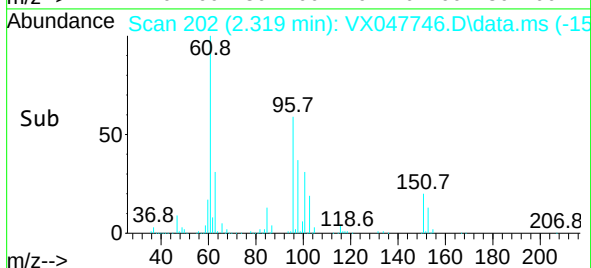
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

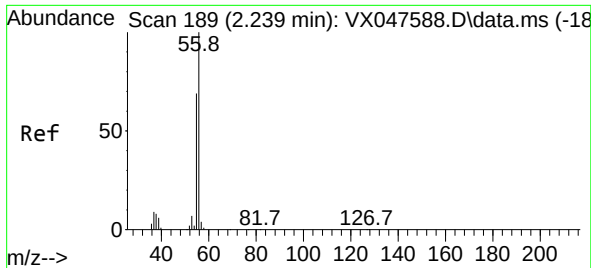


#12
1,1-Dichloroethene
Concen: 55.777 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



Tgt Ion: 96 Resp: 110500
Ion Ratio Lower Upper
96 100
61 169.9 131.0 196.6
98 62.9 47.7 71.5





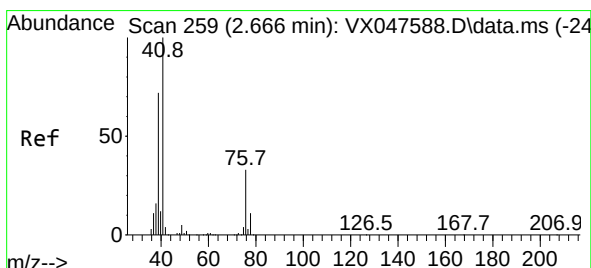
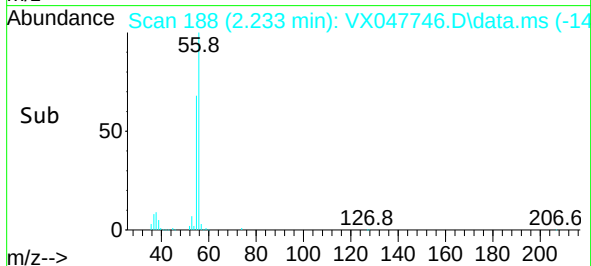
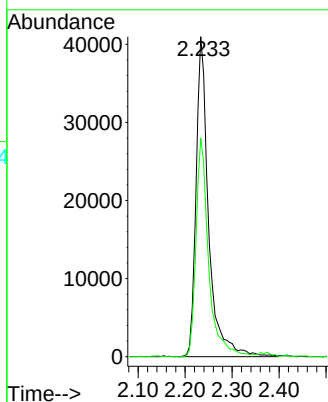
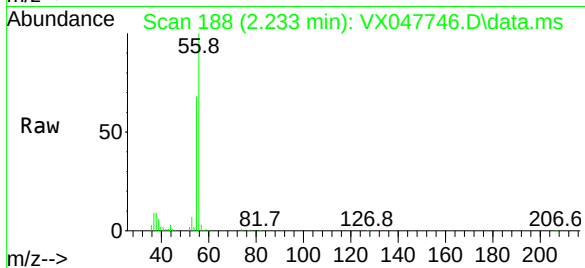
#13
Acrolein
Concen: 280.037 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7628
Ion Ratio Lower Upper
56 100
55 68.8 57.2 85.8

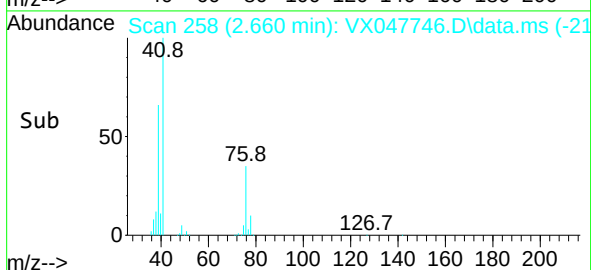
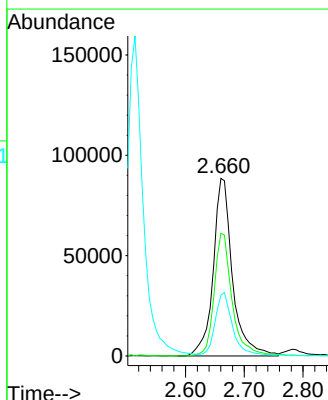
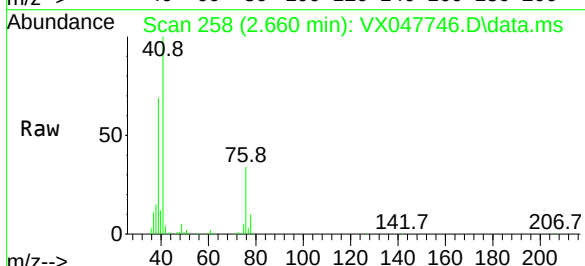
Manual Integrations
APPROVED

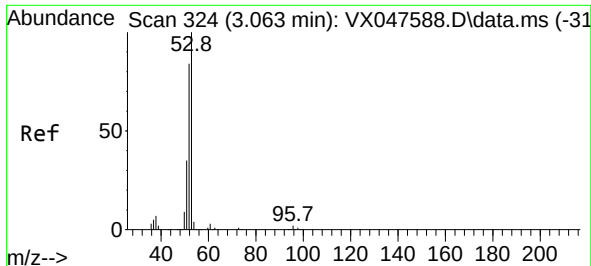
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#14
Allyl chloride
Concen: 49.383 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

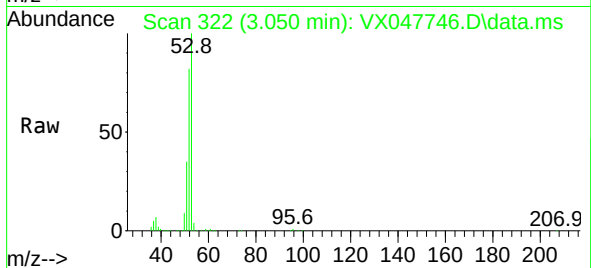
Tgt Ion: 41 Resp: 201882
Ion Ratio Lower Upper
41 100
39 64.8 54.7 82.1
76 32.5 25.7 38.5





#15
Acrylonitrile
Concen: 281.629 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

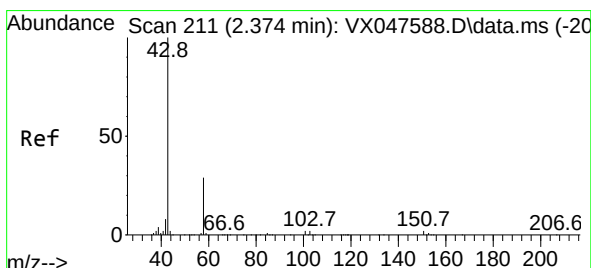
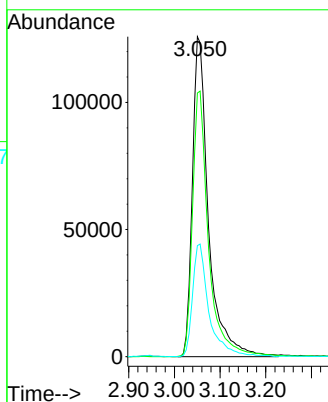
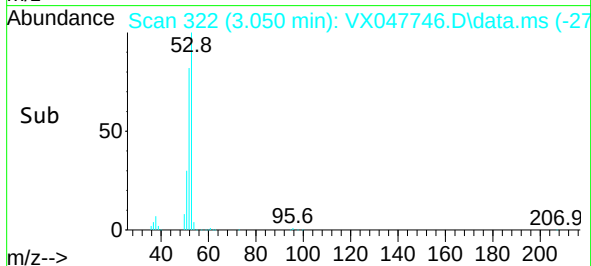
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



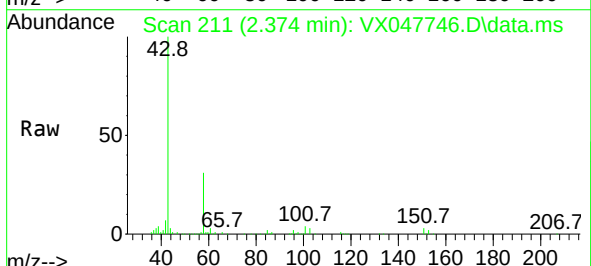
Tgt Ion: 53 Resp: 308364
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.0 29.5 44.3

Manual Integrations
APPROVED

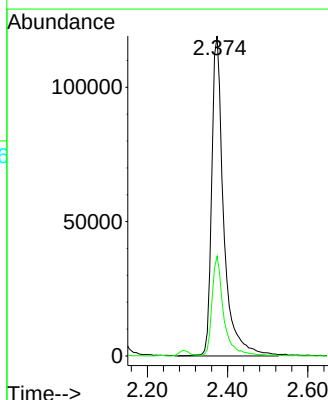
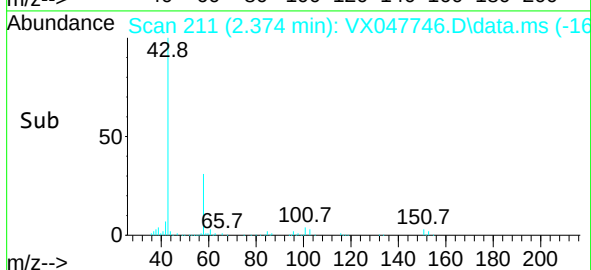
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

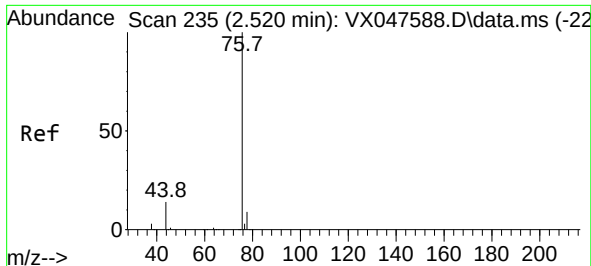


#16
Acetone
Concen: 214.945 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



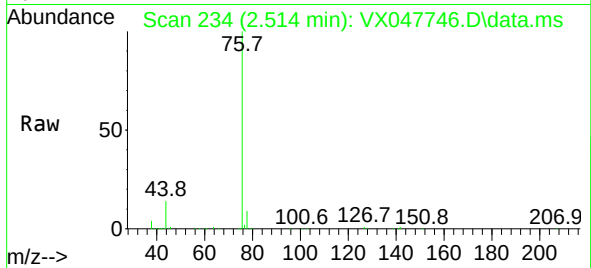
Tgt Ion: 43 Resp: 248054
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0





#17
Carbon Disulfide
Concen: 55.218 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

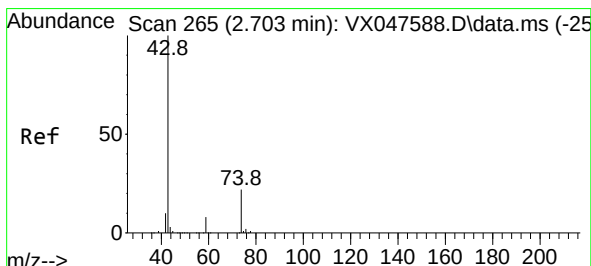
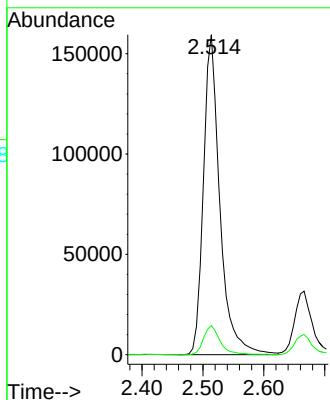
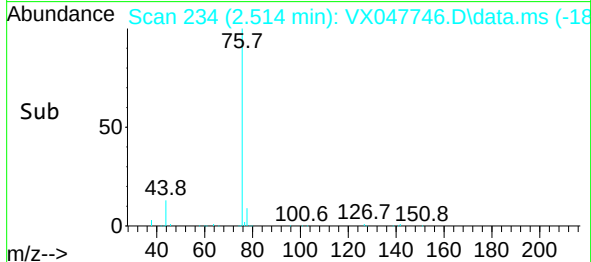
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 299474
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

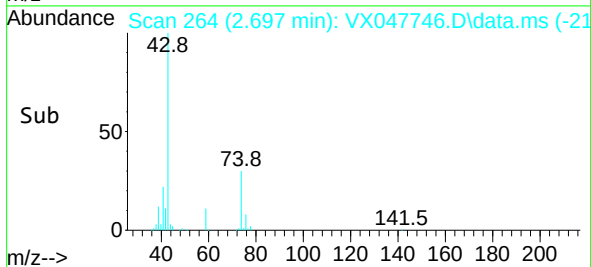
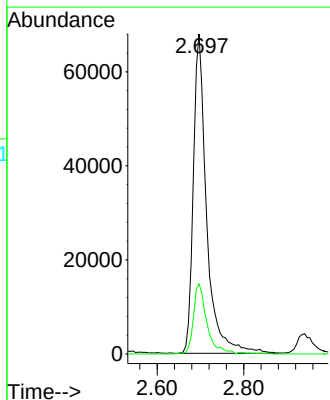
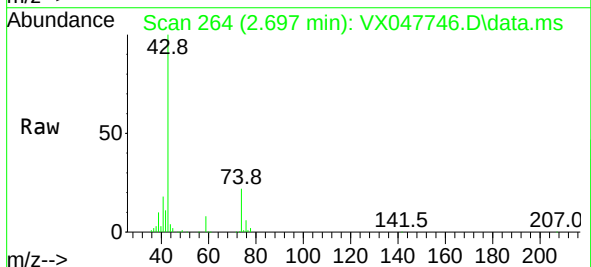
Manual Integrations
APPROVED

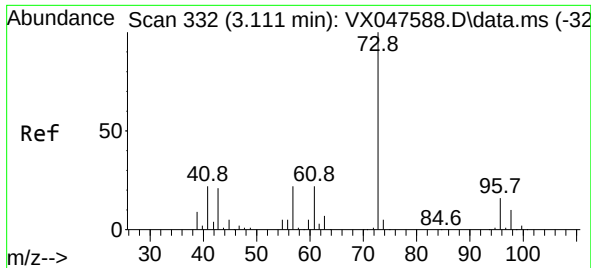
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 56.326 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

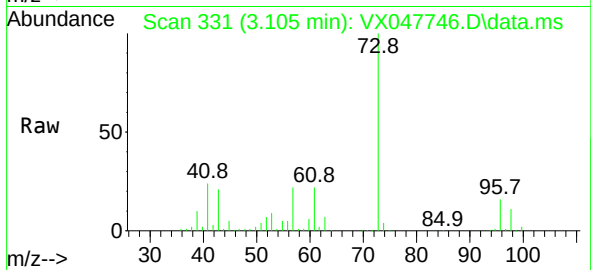
Tgt Ion: 43 Resp: 144662
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 51.946 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

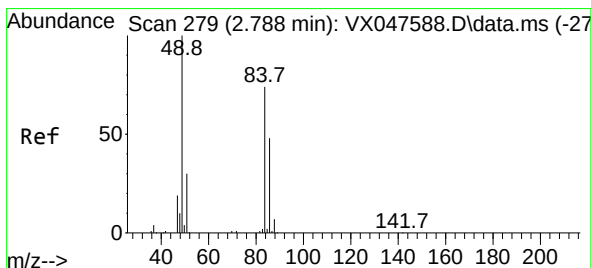
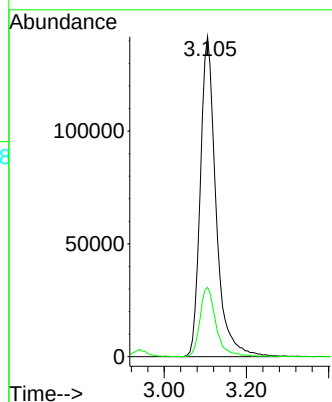
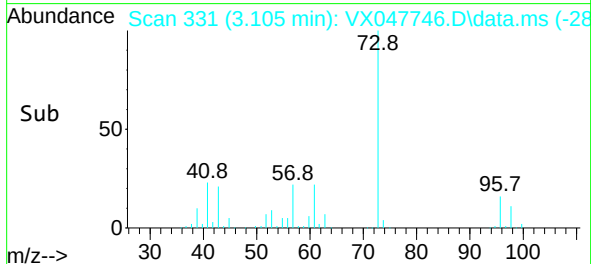
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 37566
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2

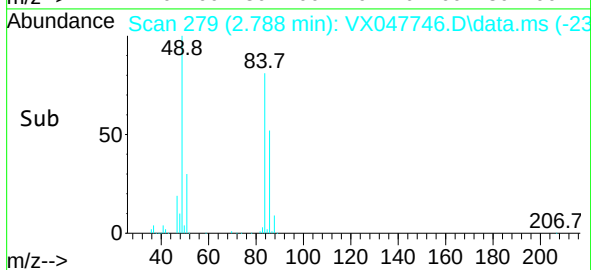
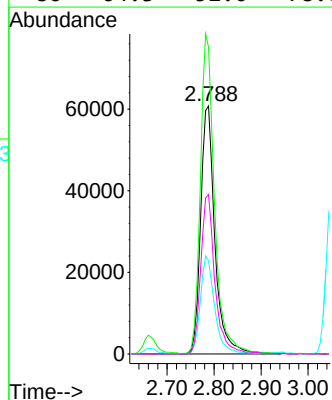
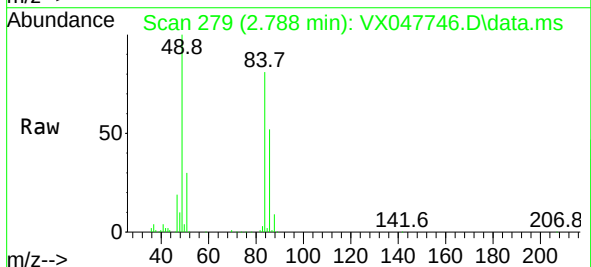
Manual Integrations
APPROVED

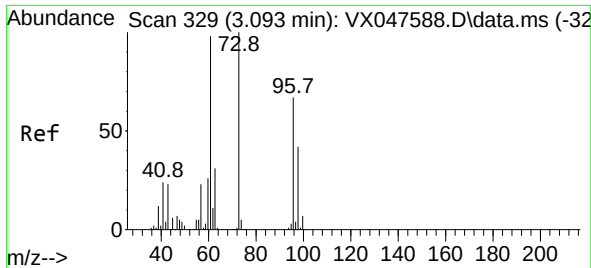
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 52.632 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

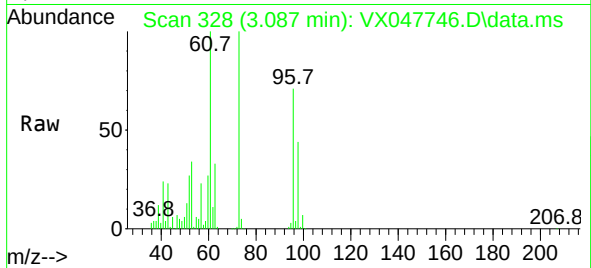
Tgt Ion: 84 Resp: 128569
Ion Ratio Lower Upper
84 100
49 123.6 108.6 162.8
51 37.5 32.6 48.8
86 64.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 54.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

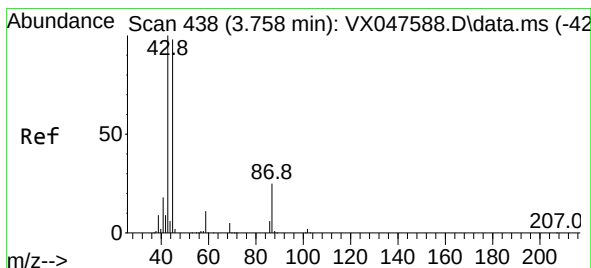
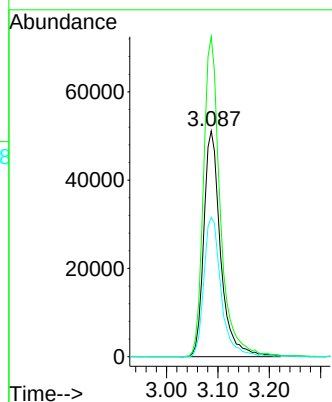
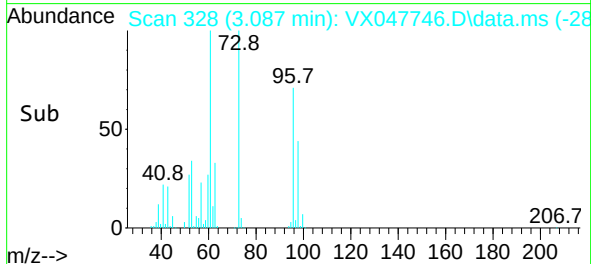
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 11584
Ion Ratio Lower Upper
96 100
61 141.7 116.2 174.2
98 61.7 49.3 73.9

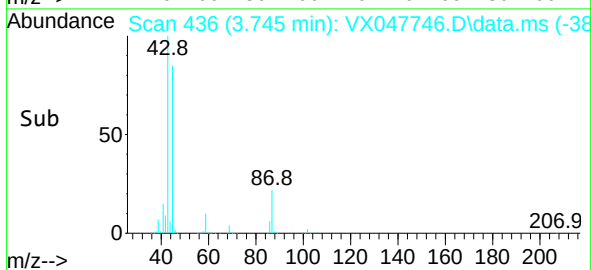
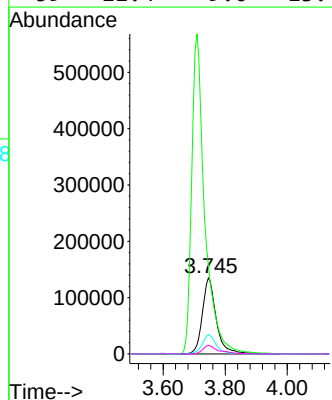
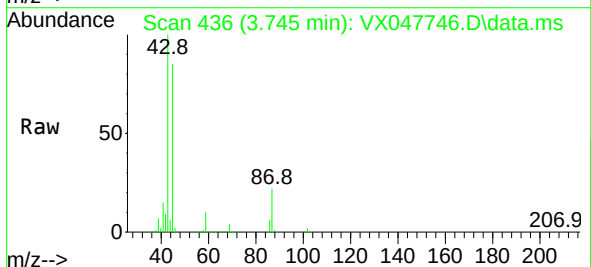
Manual Integrations
APPROVED

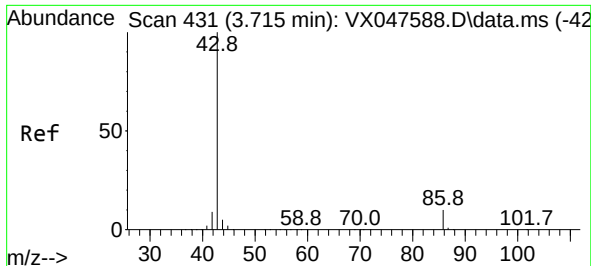
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 52.658 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion: 45 Resp: 417196
Ion Ratio Lower Upper
45 100
43 116.9 81.0 121.4
87 25.7 20.3 30.5
59 11.4 9.0 13.4





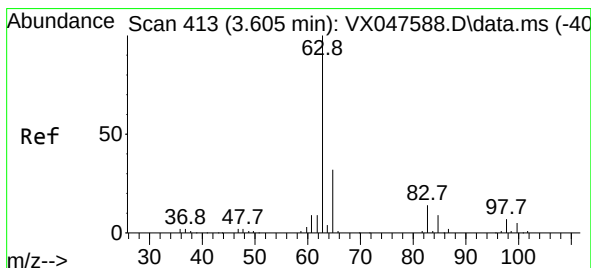
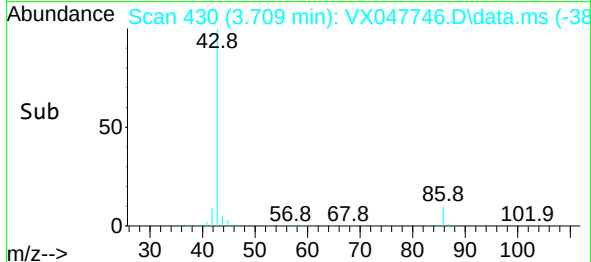
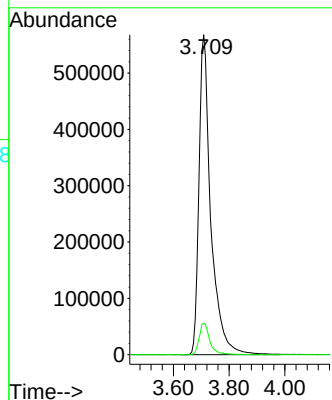
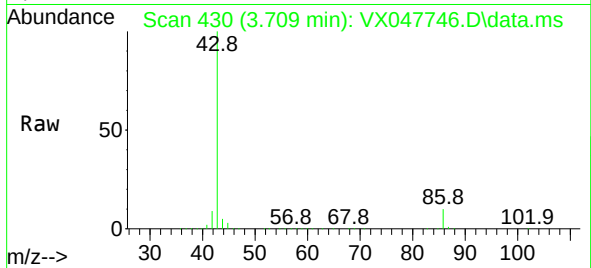
#23
 Vinyl Acetate
 Concen: 264.433 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047746.D
 Acq: 24 Sep 2025 02:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 167676
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

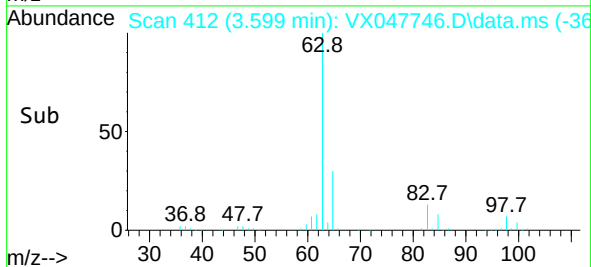
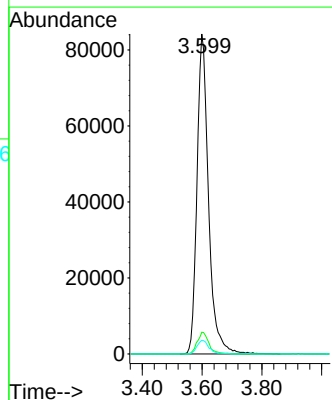
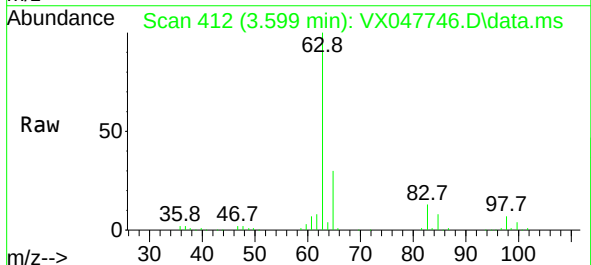
Manual Integrations
 APPROVED

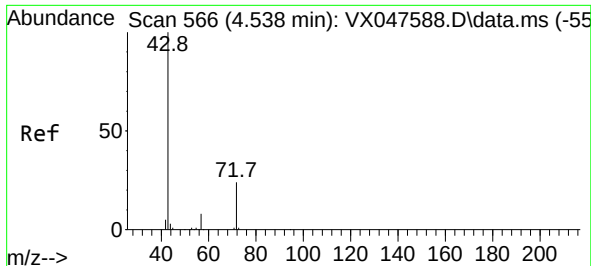
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 53.426 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047746.D
 Acq: 24 Sep 2025 02:08

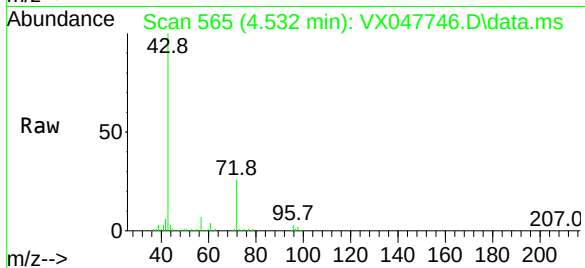
Tgt Ion: 63 Resp: 224981
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 253.647 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

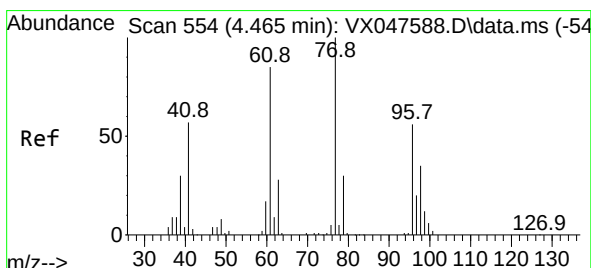
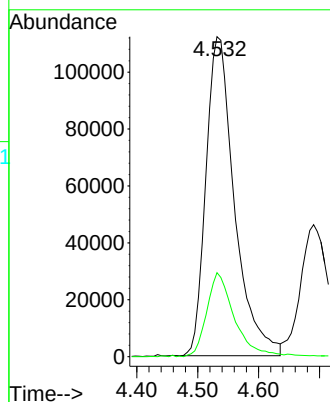
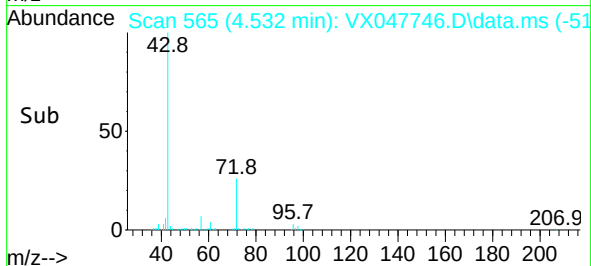
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 365129
Ion Ratio Lower Upper
43 100
72 26.1 20.1 30.1

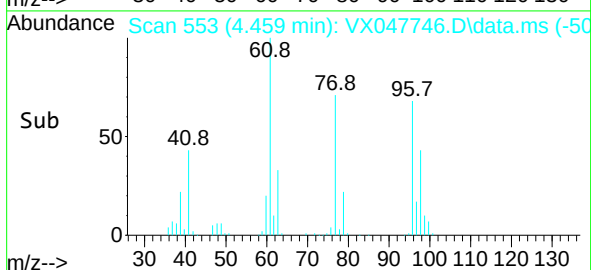
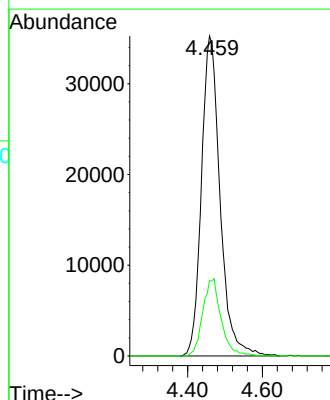
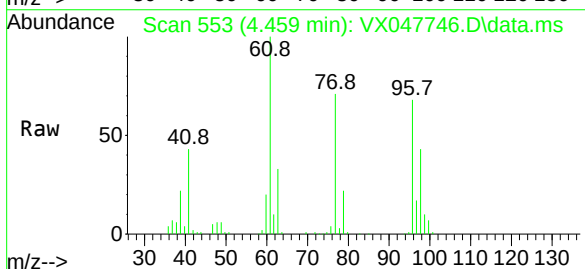
Manual Integrations
APPROVED

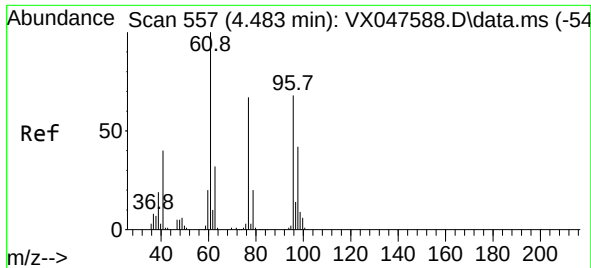
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 34.769 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

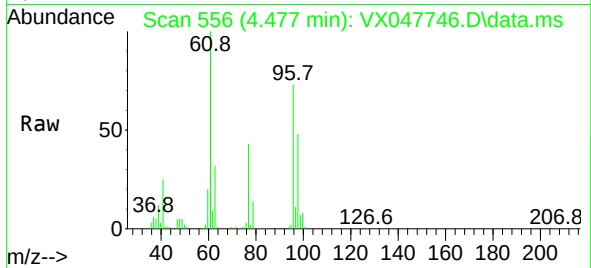
Tgt Ion: 77 Resp: 121706
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.016 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047746.D
 Acq: 24 Sep 2025 02:08

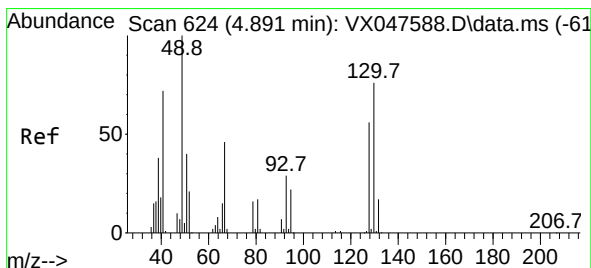
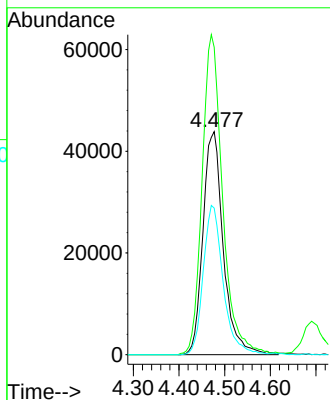
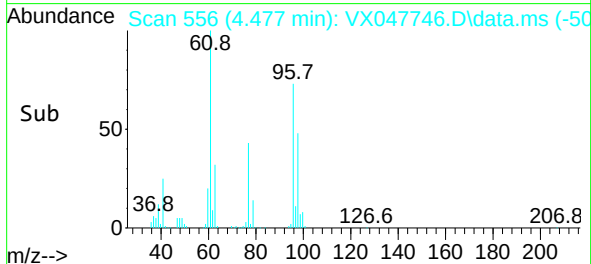
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 13587
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 303.2
 98 65.3 0.0 127.8

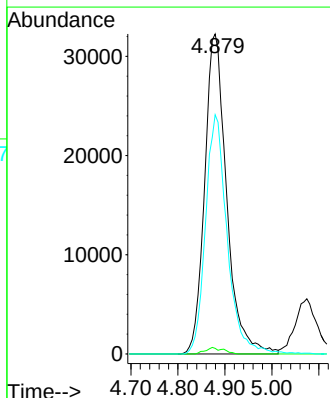
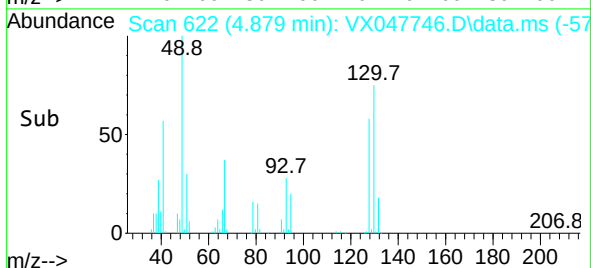
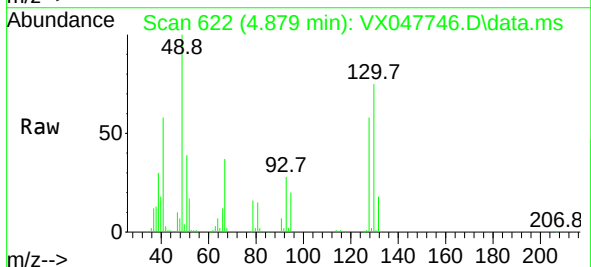
Manual Integrations
 APPROVED

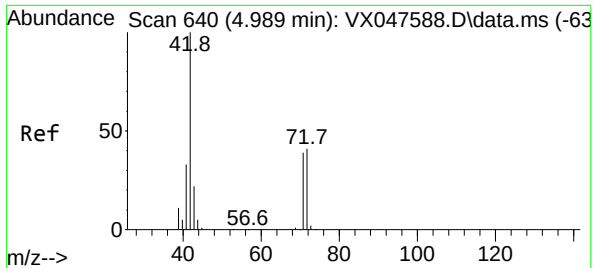
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 57.010 ug/l
 RT: 4.879 min Scan# 622
 Delta R.T. -0.012 min
 Lab File: VX047746.D
 Acq: 24 Sep 2025 02:08

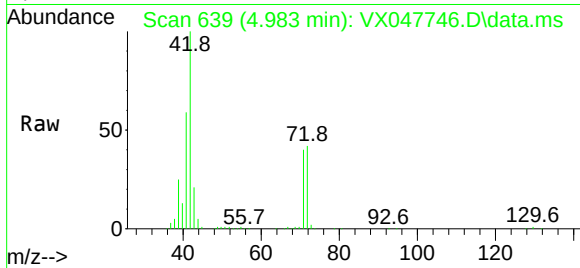
Tgt Ion: 49 Resp: 104808
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 73.8 57.8 86.8





#29
Tetrahydrofuran
Concen: 272.674 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

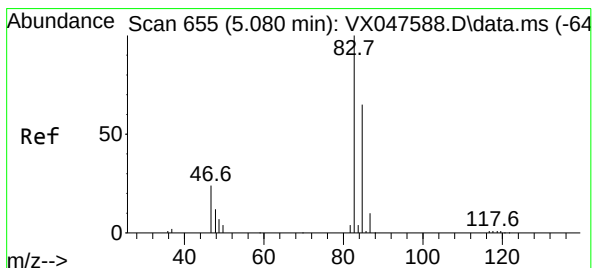
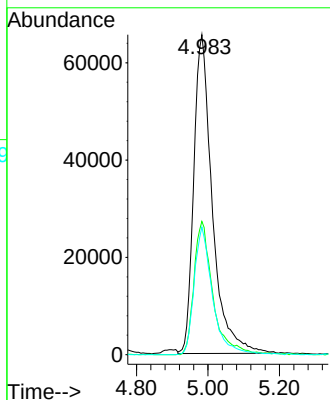
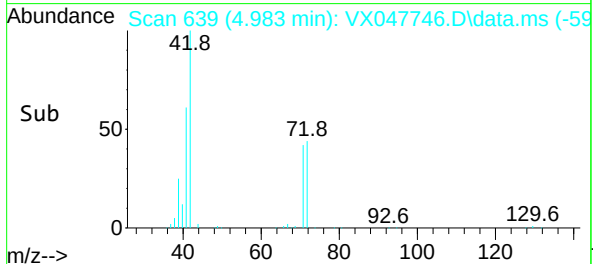
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 236130
Ion Ratio Lower Upper
42 100
72 42.3 34.2 51.2
71 39.6 31.9 47.9

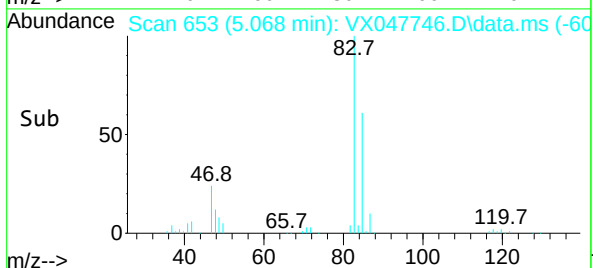
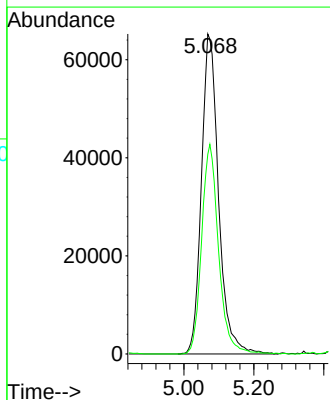
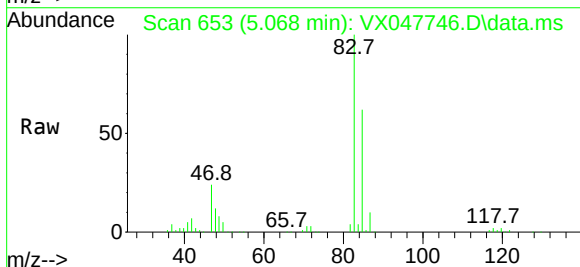
Manual Integrations
APPROVED

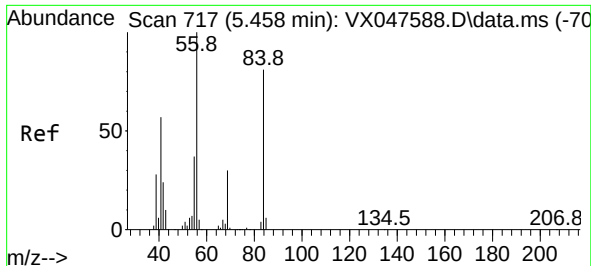
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#30
Chloroform
Concen: 52.050 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.012 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

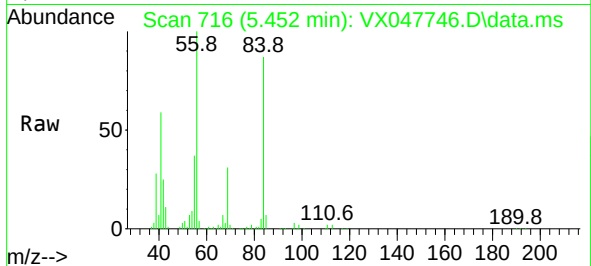
Tgt Ion: 83 Resp: 221493
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6





#31
Cyclohexane
Concen: 51.224 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

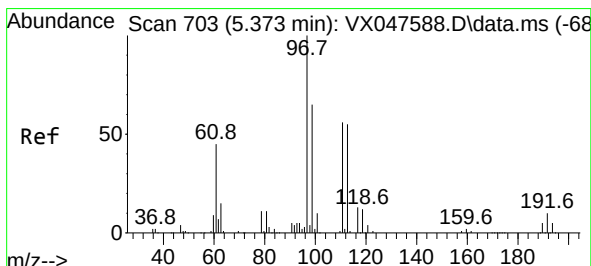
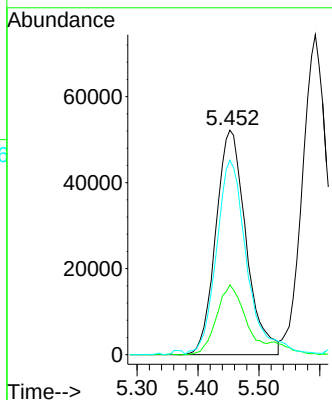
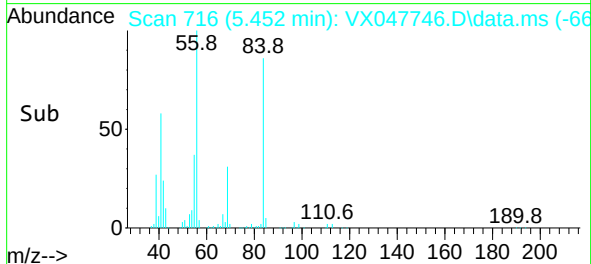
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 179654
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.8
84 84.7 64.6 97.0

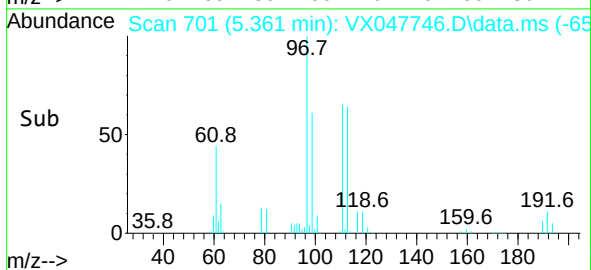
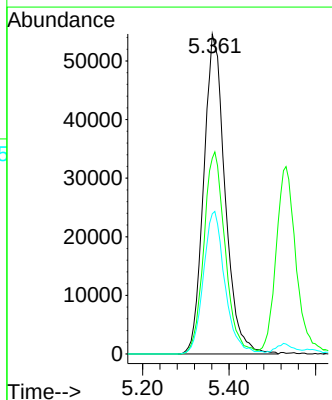
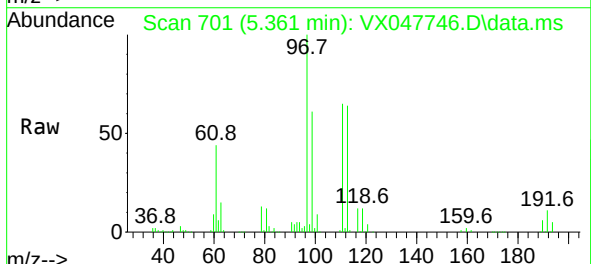
Manual Integrations
APPROVED

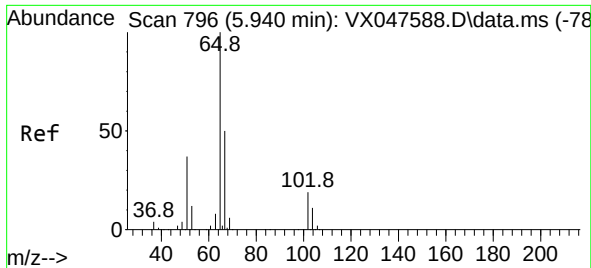
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 51.890 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

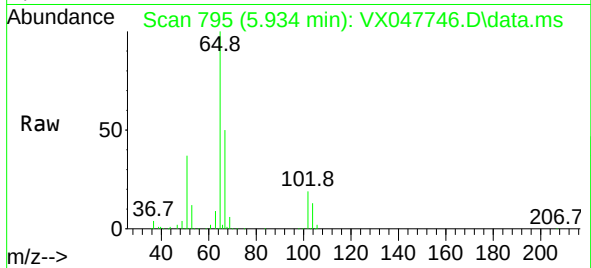
Tgt Ion: 97 Resp: 187296
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 44.8 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 54.210 ug/l
RT: 5.934 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

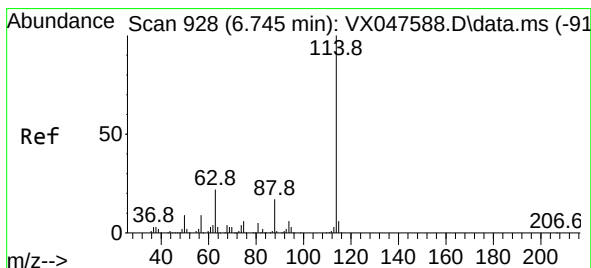
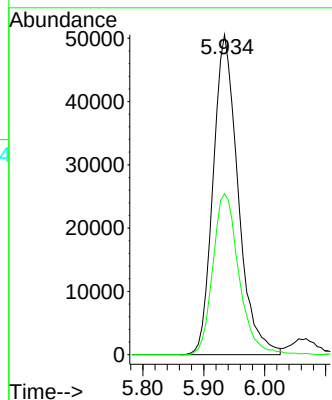
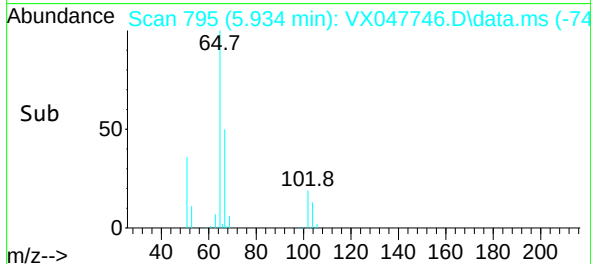
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



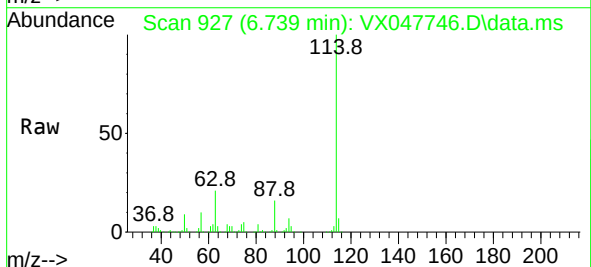
Tgt Ion: 65 Resp: 14388
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

Manual Integrations
APPROVED

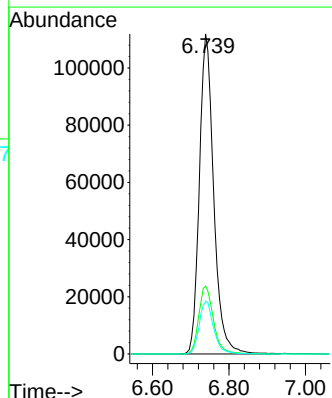
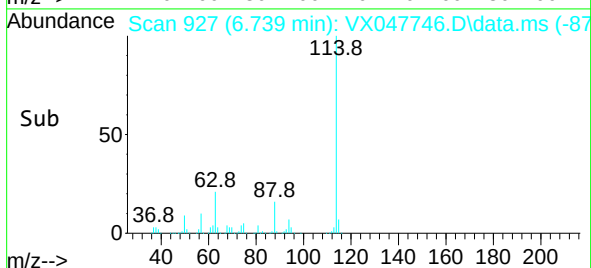
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

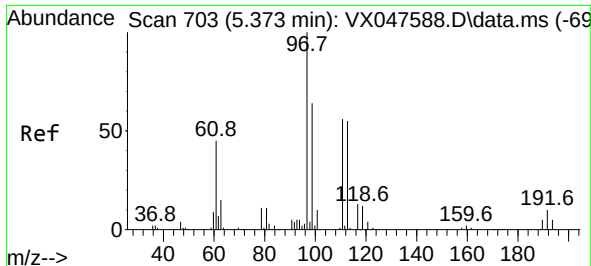


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



Tgt Ion:114 Resp: 290663
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.0
88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 59.312 ug/l

RT: 5.361 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 115620

Ion Ratio Lower Upper

113 100

111 101.3 80.9 121.3

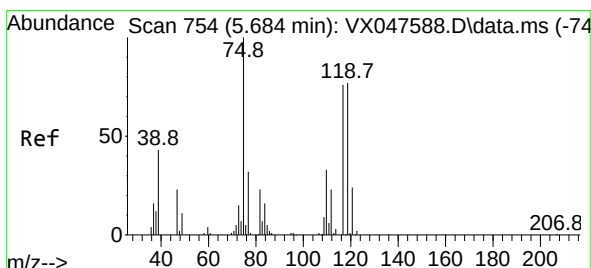
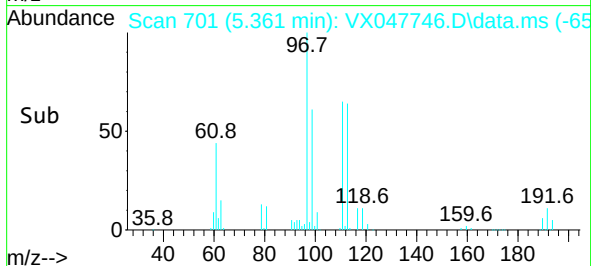
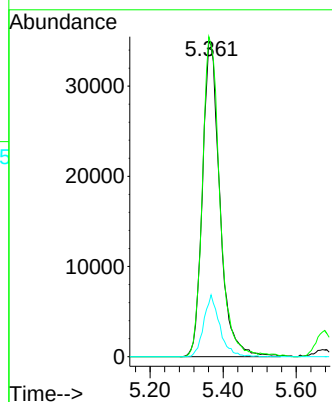
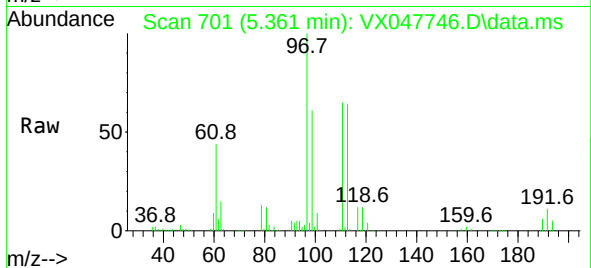
192 17.9 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#36

1,1-Dichloropropene

Concen: 51.432 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.012 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

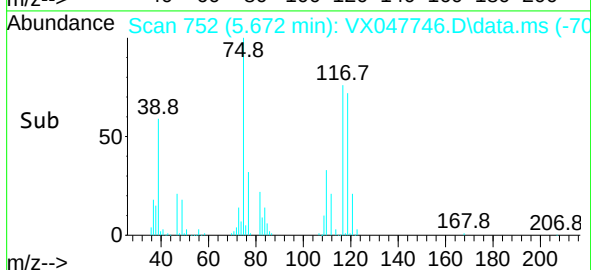
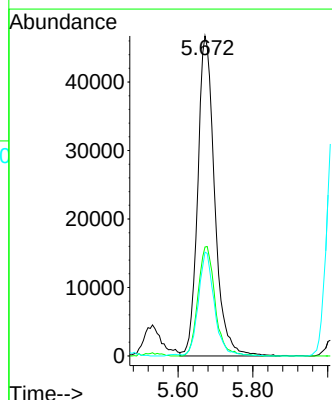
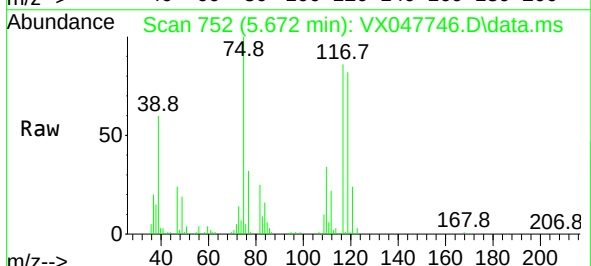
Tgt Ion: 75 Resp: 146503

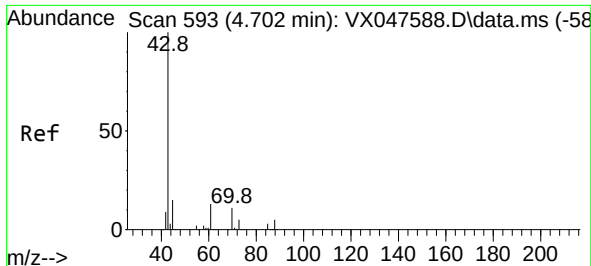
Ion Ratio Lower Upper

75 100

110 34.6 16.7 50.1

77 30.3 24.3 36.5





#37

Ethyl Acetate

Concen: 51.660 ug/l

RT: 4.690 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

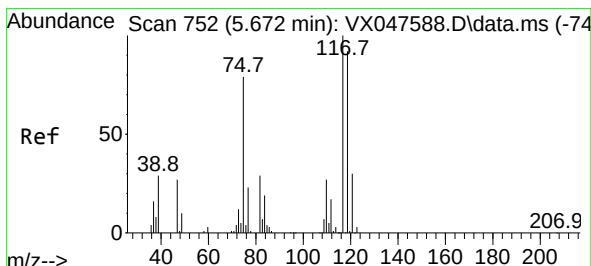
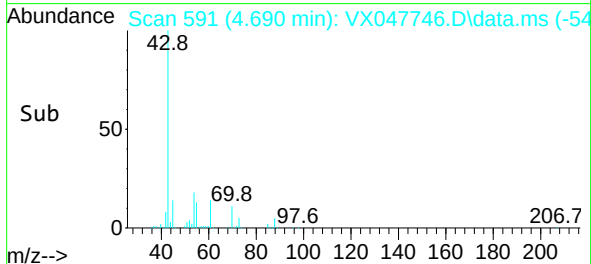
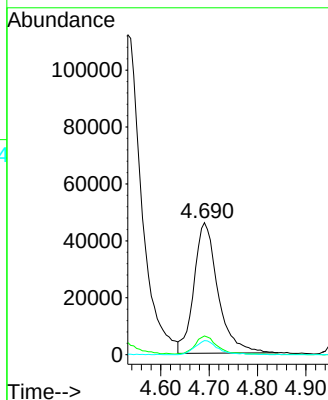
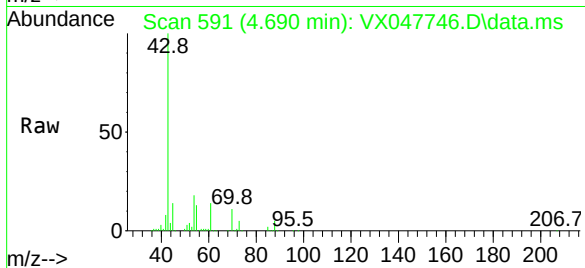
Tgt Ion: 43 Resp: 157558
 Ion Ratio Lower Upper
 43 100
 61 12.8 9.8 14.8
 70 10.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 51.986 ug/l

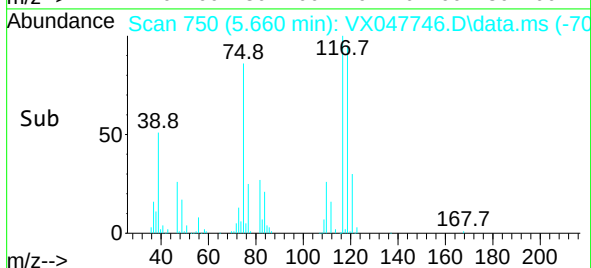
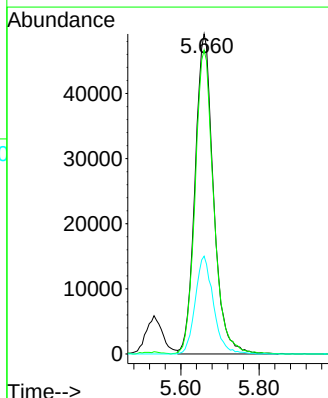
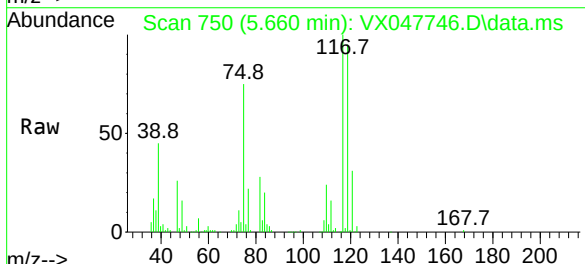
RT: 5.660 min Scan# 750

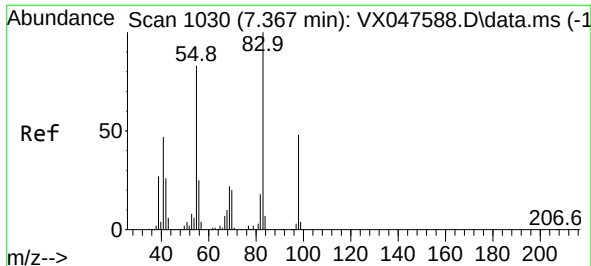
Delta R.T. -0.012 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Tgt Ion:117 Resp: 160891
 Ion Ratio Lower Upper
 117 100
 119 94.8 73.4 110.2
 121 30.6 23.8 35.6





#39

Methylcyclohexane

Concen: 51.777 ug/l

RT: 7.361 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX047746.D

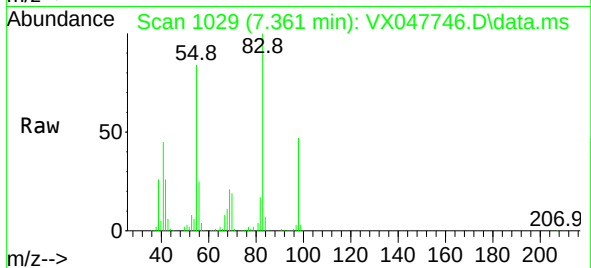
Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



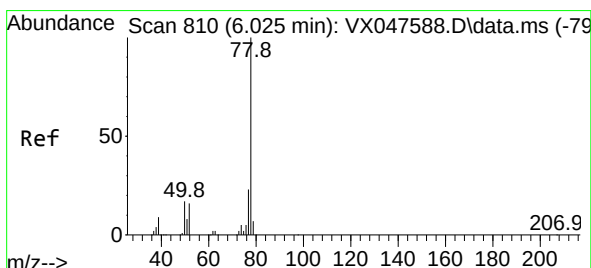
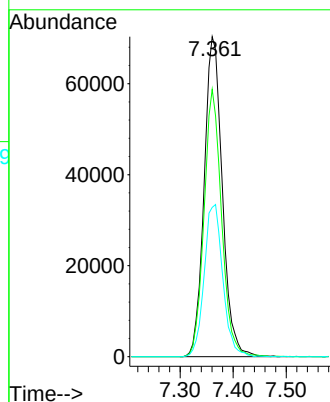
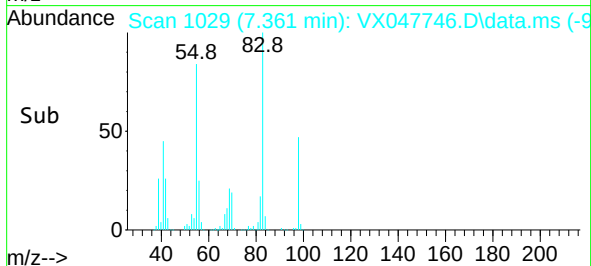
Tgt Ion:	83	Resp:	167414
Ion Ratio	Lower	Upper	
83	100		
55	83.5	66.4	99.6
98	46.6	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 53.223 ug/l

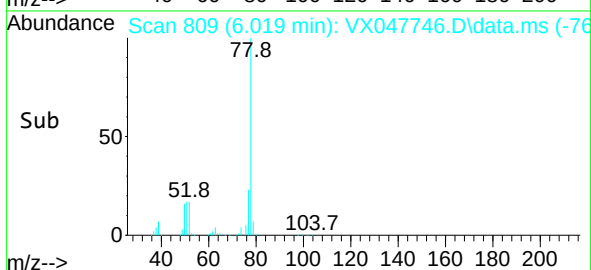
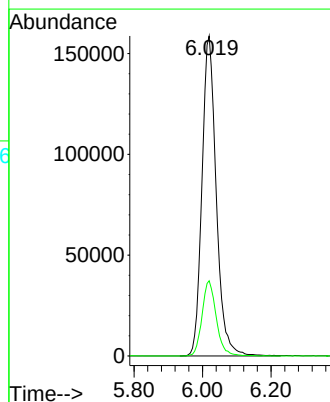
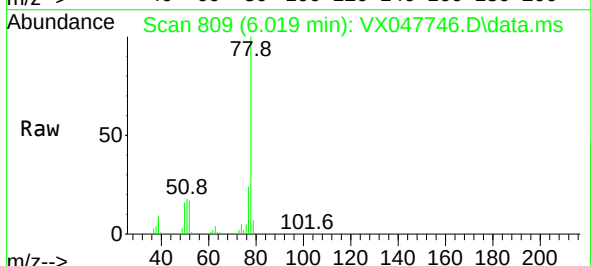
RT: 6.019 min Scan# 809

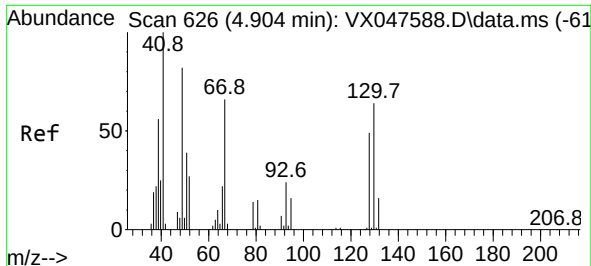
Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Tgt Ion:	78	Resp:	460455
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.8	28.2





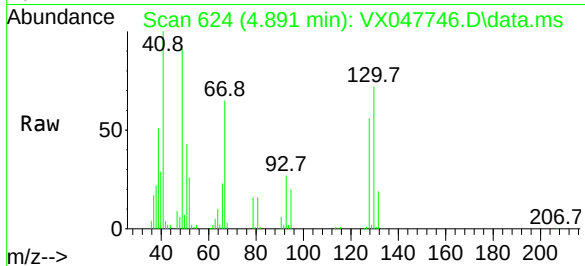
#41
Methacrylonitrile
Concen: 55.742 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

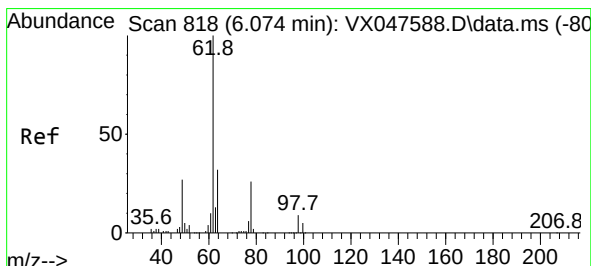
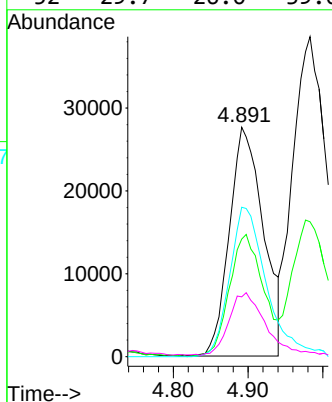
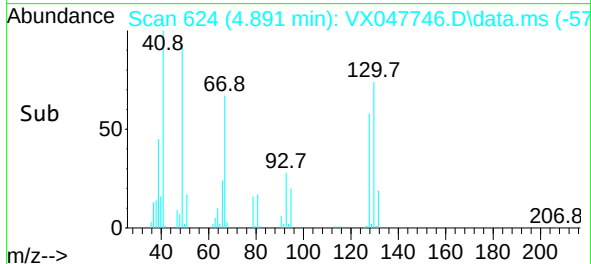
VSTDCCC050



Tgt Ion: 41 Resp: 87760
Ion Ratio Lower Upper
41 100
39 53.4 43.3 64.9
67 70.6 58.6 87.8
52 29.7 26.0 39.0

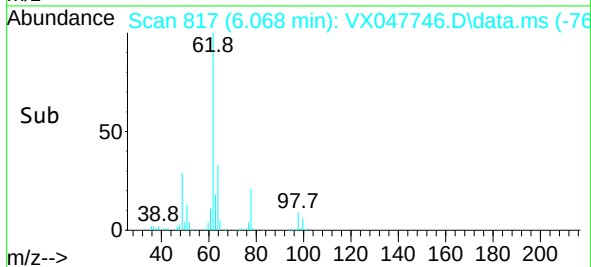
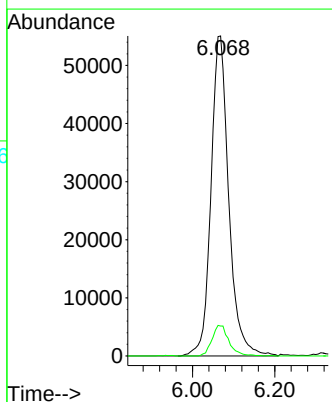
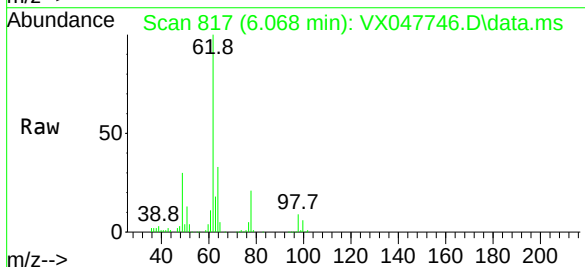
Manual Integrations
APPROVED

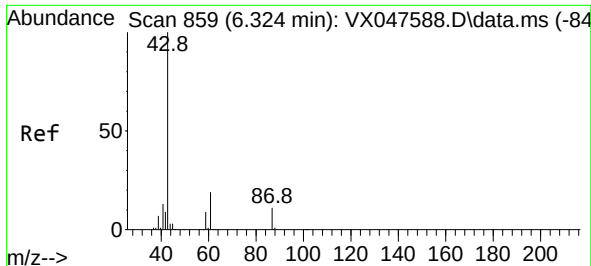
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 50.209 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

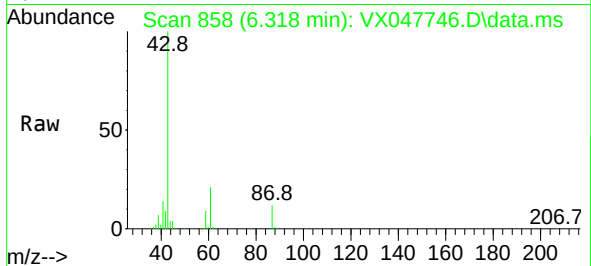
Tgt Ion: 62 Resp: 165276
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





#43
Isopropyl Acetate
Concen: 51.528 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

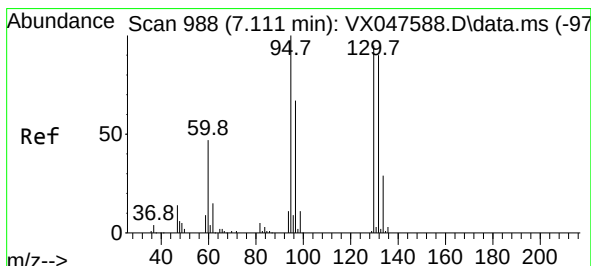
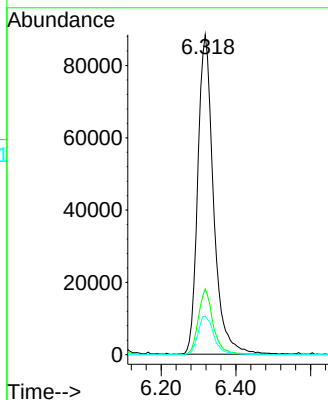
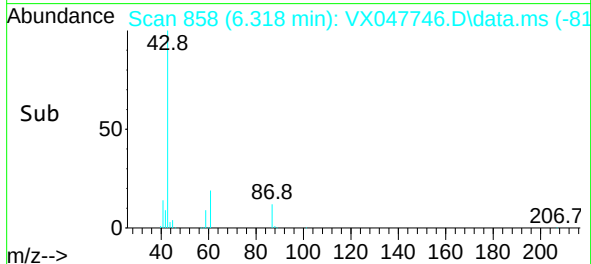
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25774
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 12.4 9.6 14.4

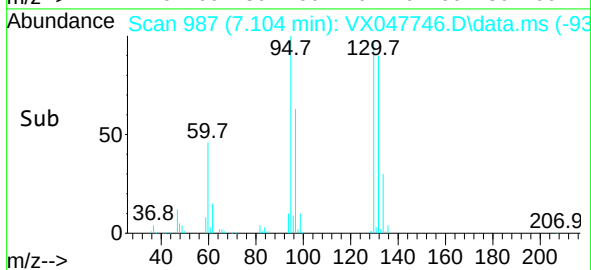
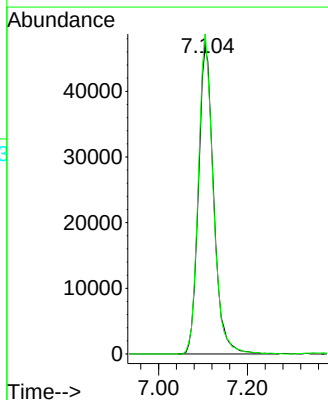
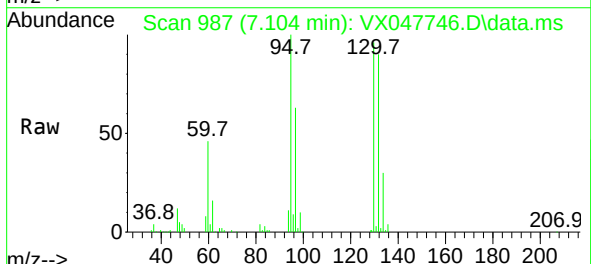
Manual Integrations
APPROVED

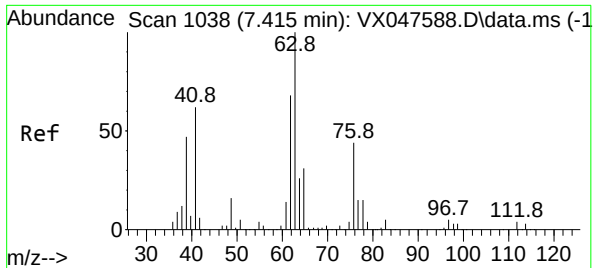
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 53.736 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion:130 Resp: 112394
Ion Ratio Lower Upper
130 100
95 104.4 0.0 210.8





#45

1,2-Dichloropropane

Concen: 52.565 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 116449

Ion Ratio Lower Upper

63 100

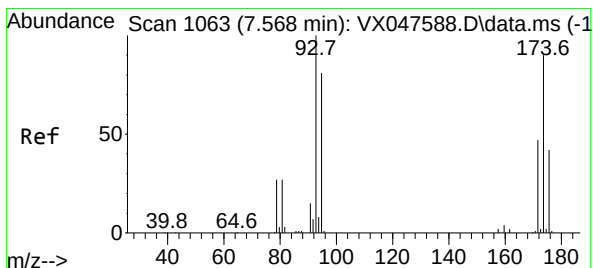
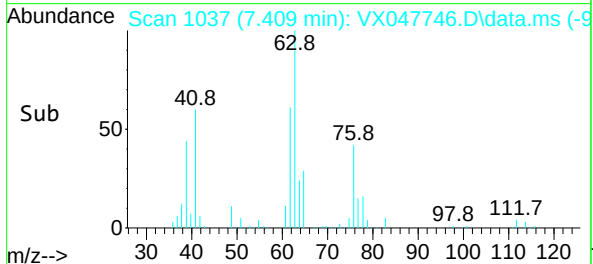
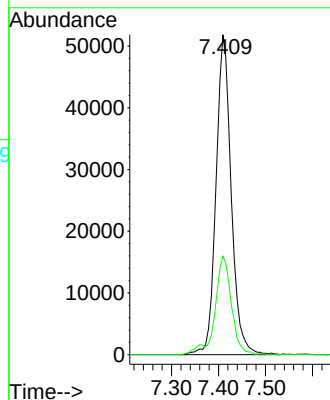
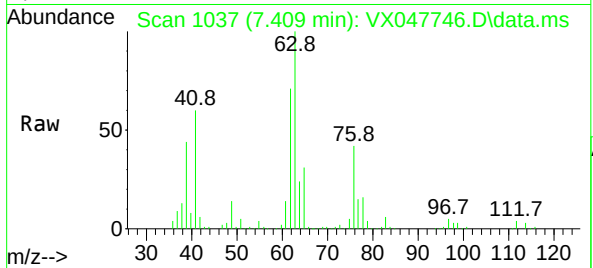
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 52.418 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

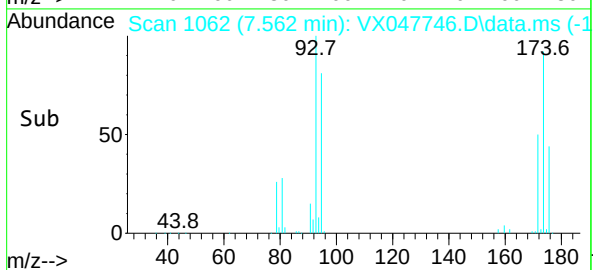
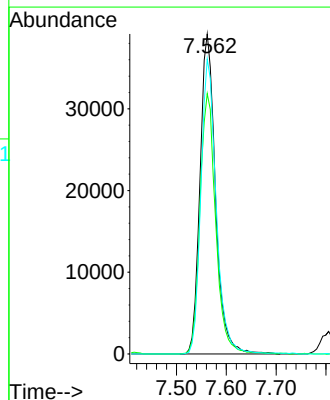
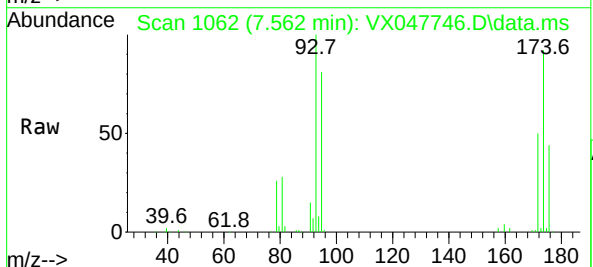
Tgt Ion: 93 Resp: 84502

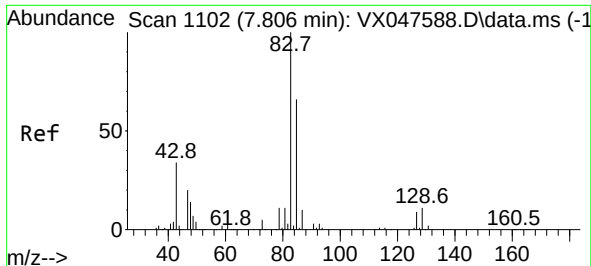
Ion Ratio Lower Upper

93 100

95 82.5 65.0 97.6

174 91.4 71.6 107.4





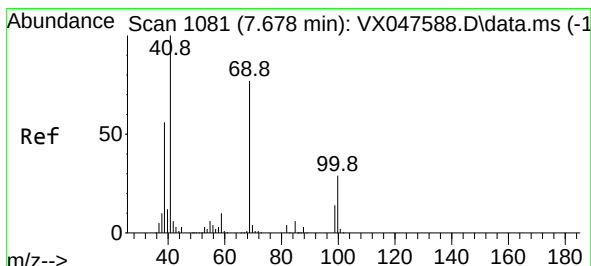
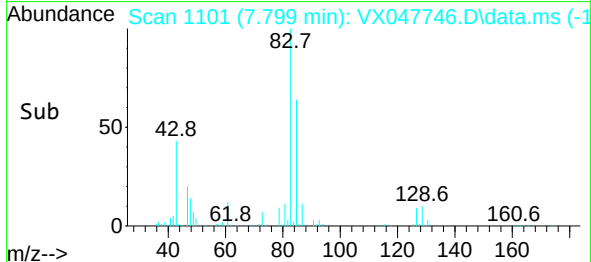
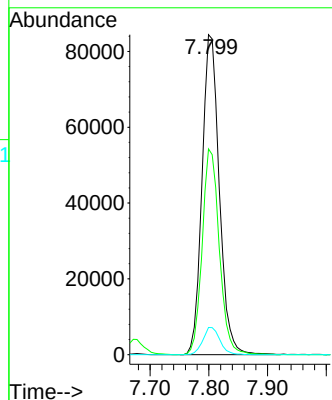
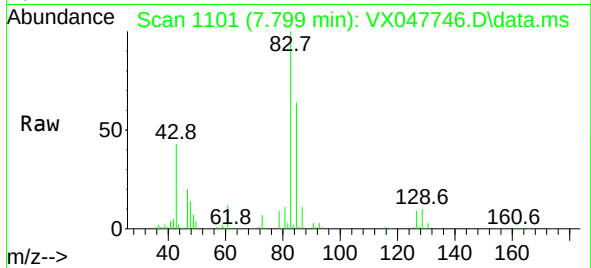
#47
Bromodichloromethane
Concen: 51.915 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17270
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7
127 8.5 6.9 10.3

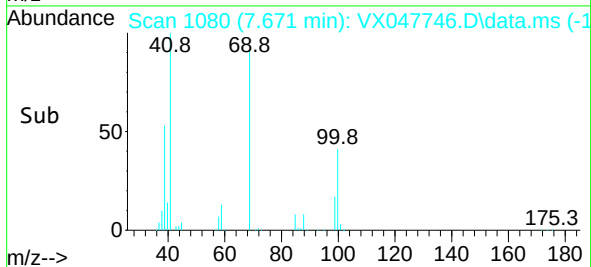
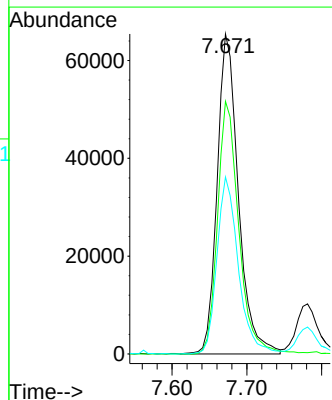
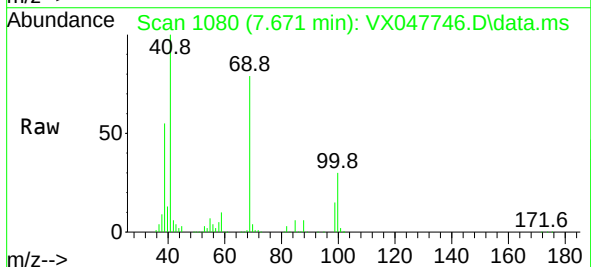
Manual Integrations
APPROVED

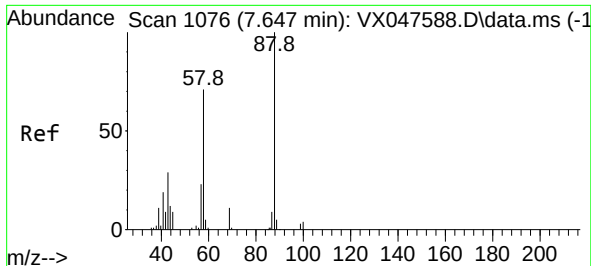
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 51.974 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion: 41 Resp: 129497
Ion Ratio Lower Upper
41 100
69 78.9 61.4 92.2
39 55.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1306.764 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

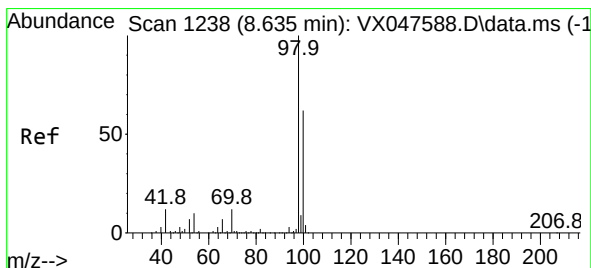
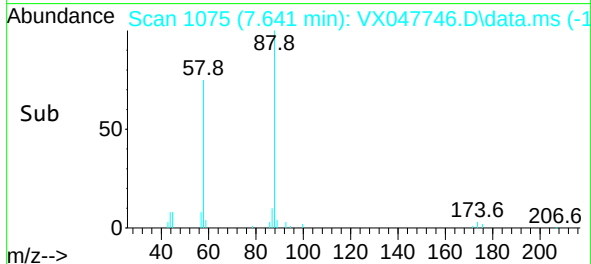
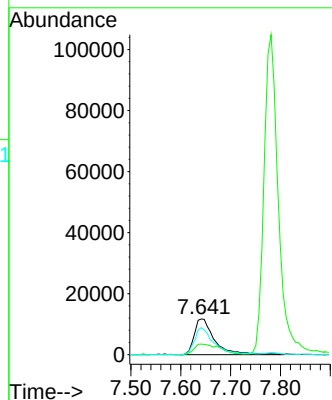
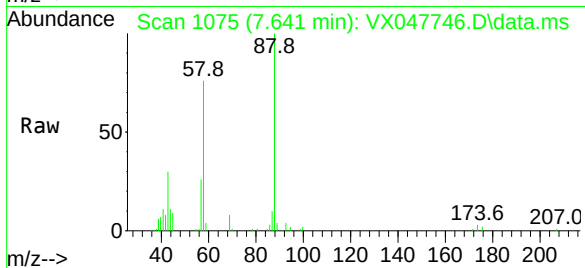
Tgt Ion:	88	Resp:	32904
Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.2	45.2
58	73.3	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 57.106 ug/l

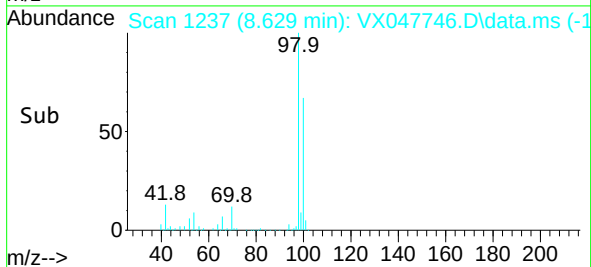
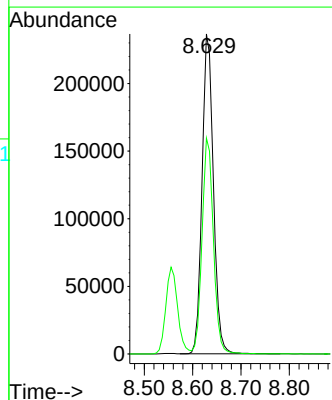
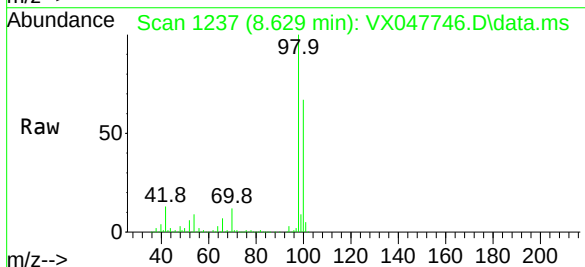
RT: 8.629 min Scan# 1237

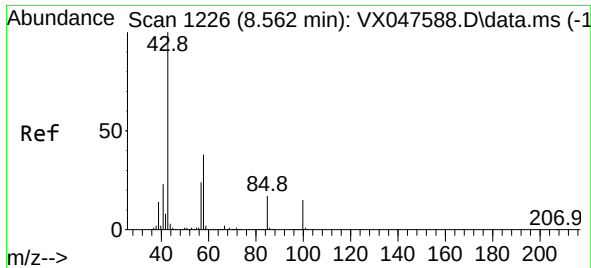
Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

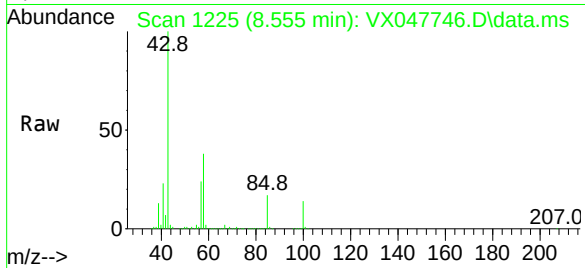
Tgt Ion:	98	Resp:	385188
Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 270.171 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

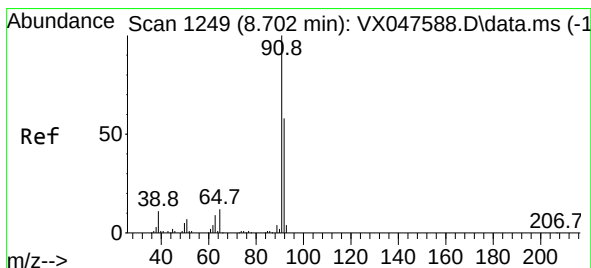
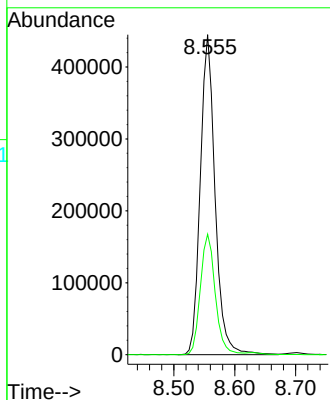
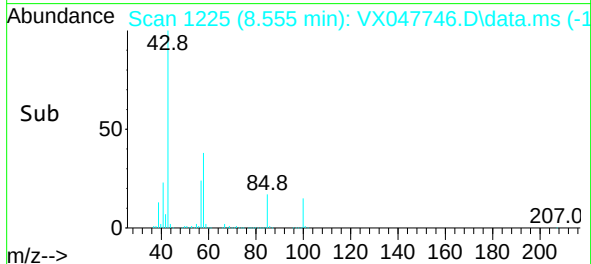
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



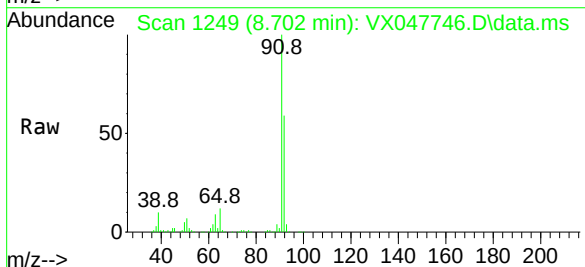
Tgt Ion: 43 Resp: 749272
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

Manual Integrations
APPROVED

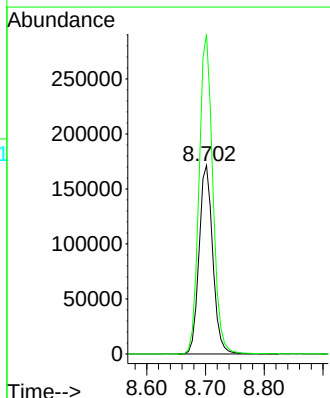
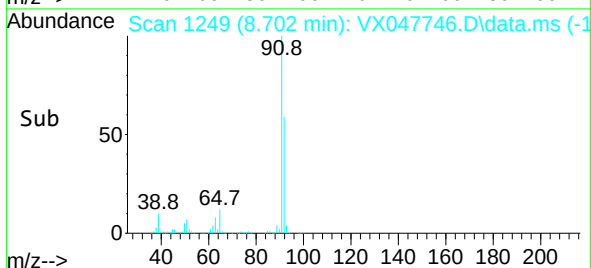
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

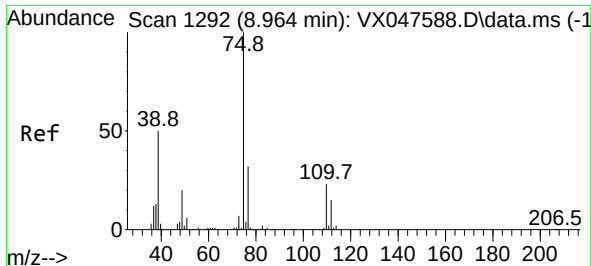


#52
Toluene
Concen: 51.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



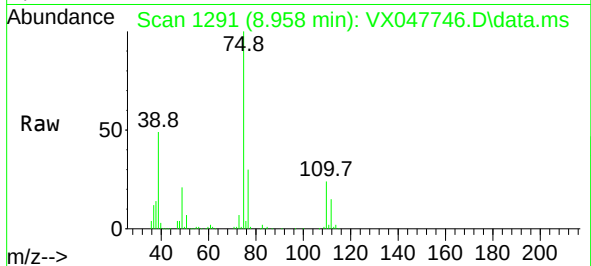
Tgt Ion: 92 Resp: 276160
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 48.037 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

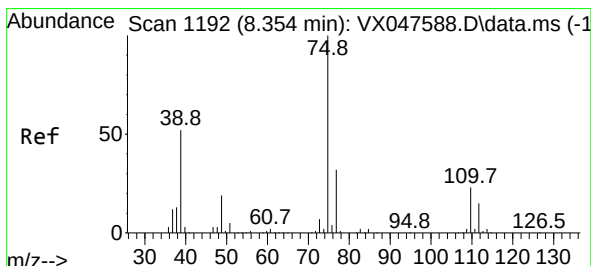
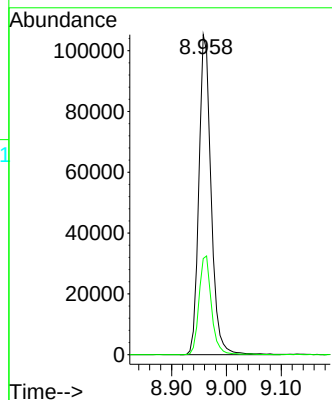
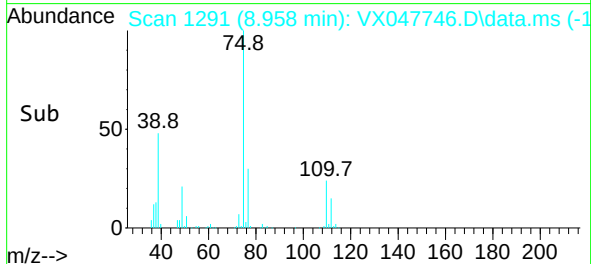
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 16300
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2

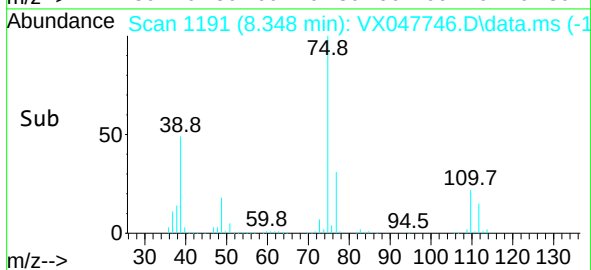
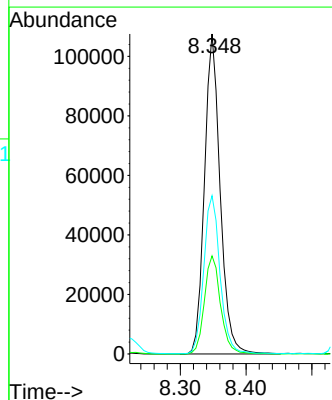
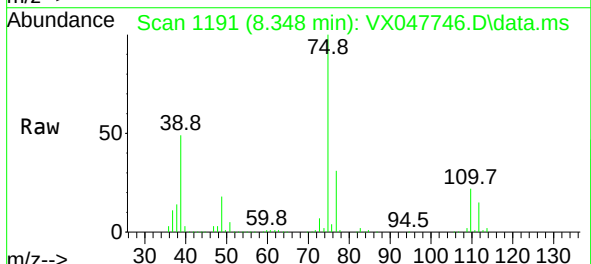
Manual Integrations
APPROVED

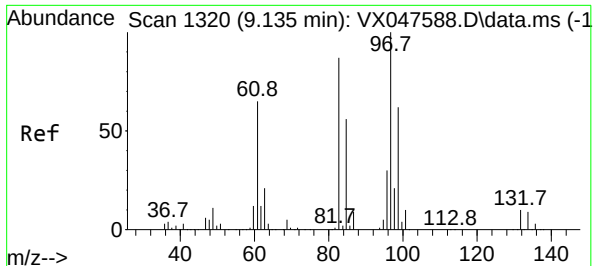
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 49.218 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion: 75 Resp: 178505
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 48.9 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 52.187 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

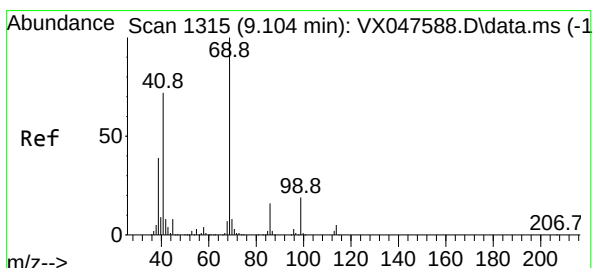
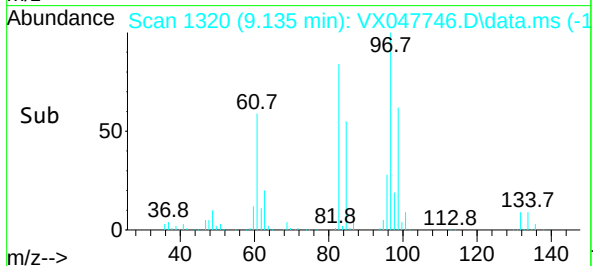
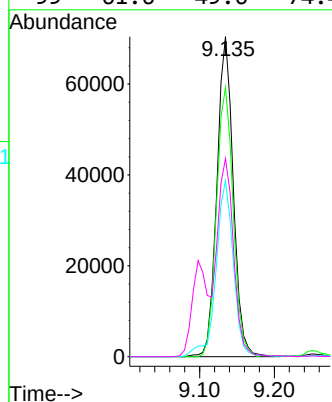
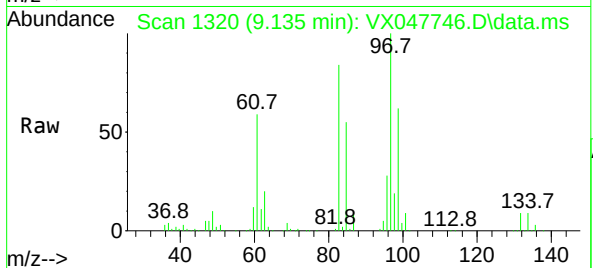
VSTDCCC050

Tgt Ion: 97 Resp: 107258
Ion Ratio Lower Upper
97 100
83 84.2 69.6 104.4
85 55.0 45.0 67.6
99 61.6 49.6 74.4

Manual Integrations

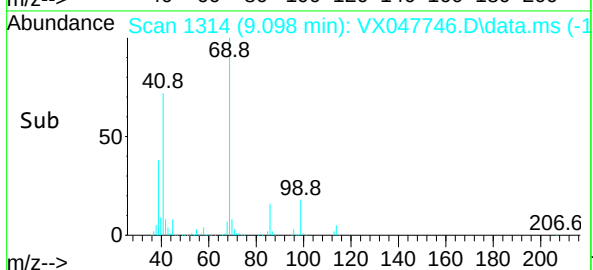
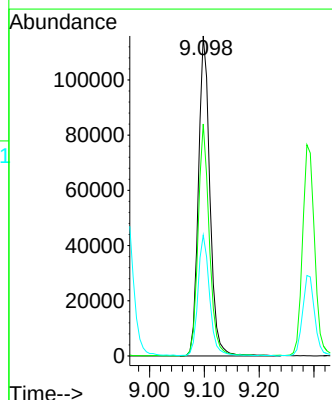
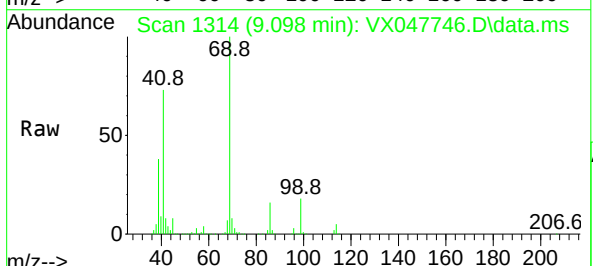
APPROVED

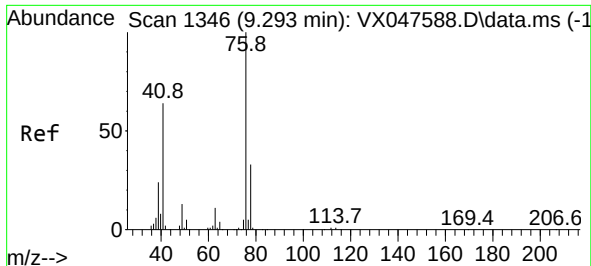
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#56
Ethyl methacrylate
Concen: 52.534 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion: 69 Resp: 169567
Ion Ratio Lower Upper
69 100
41 70.6 58.6 87.8
39 37.8 31.5 47.3





#57

1,3-Dichloropropane

Concen: 52.699 ug/l

RT: 9.287 min Scan# 11345

Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 186062

Ion Ratio Lower Upper

76 100

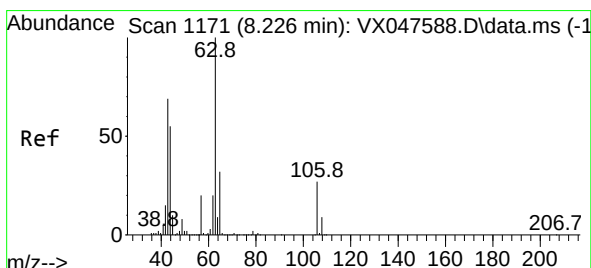
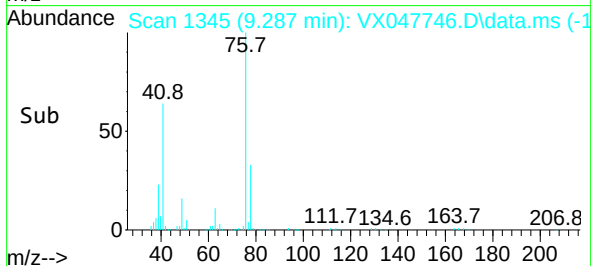
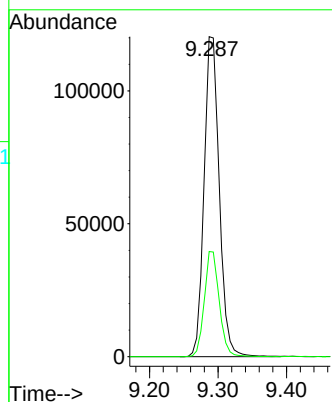
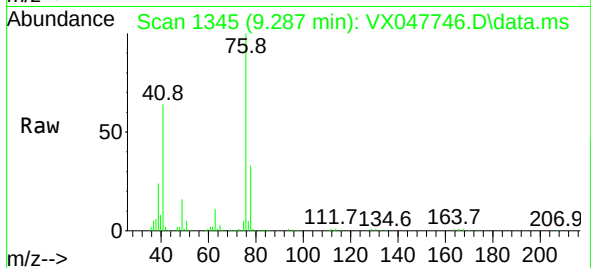
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 280.568 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047746.D

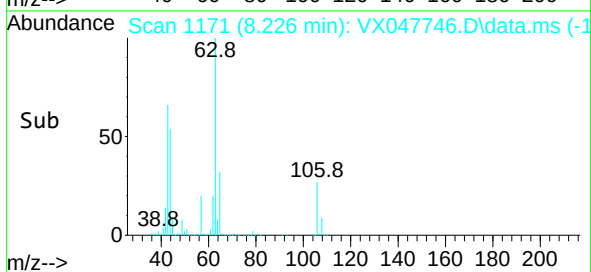
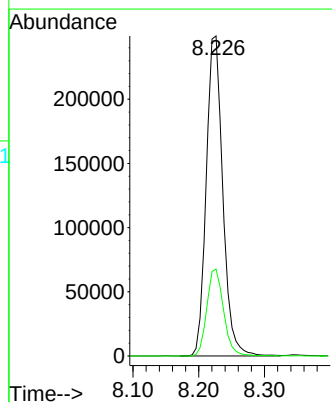
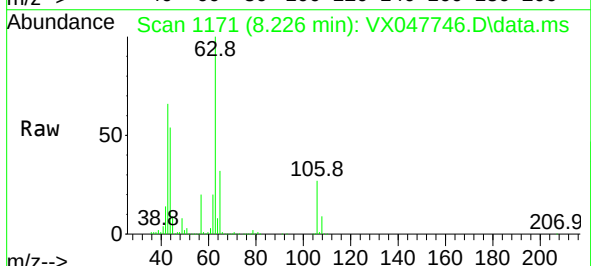
Acq: 24 Sep 2025 02:08

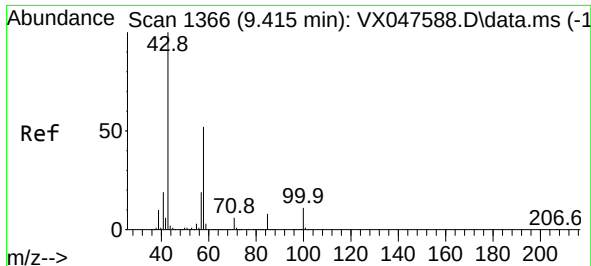
Tgt Ion: 63 Resp: 436211

Ion Ratio Lower Upper

63 100

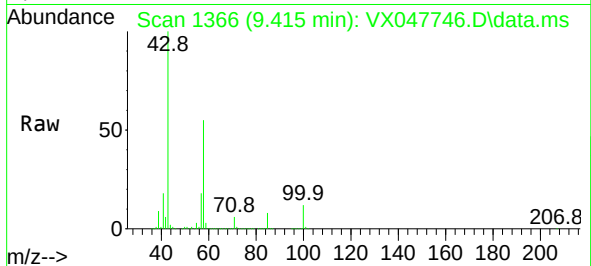
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 260.122 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

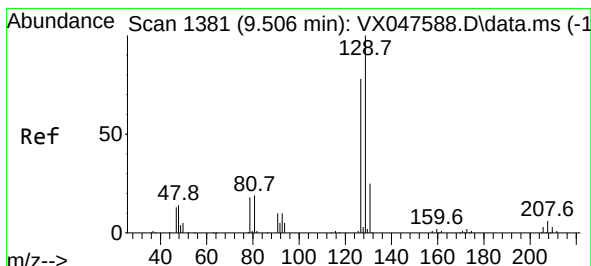
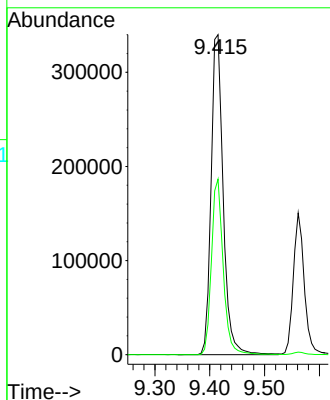
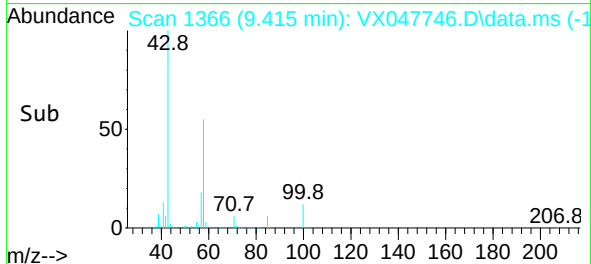
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 518114
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.2

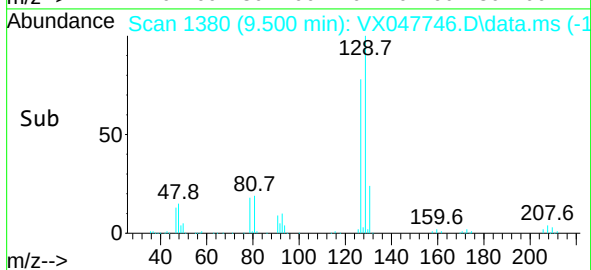
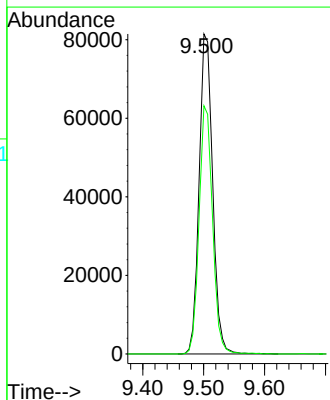
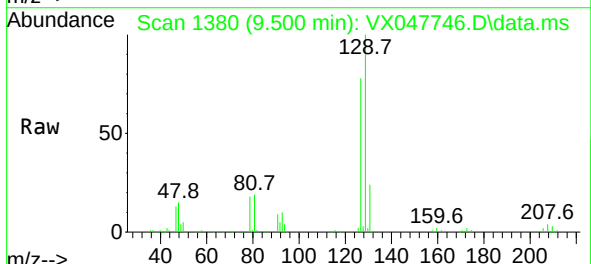
Manual Integrations
APPROVED

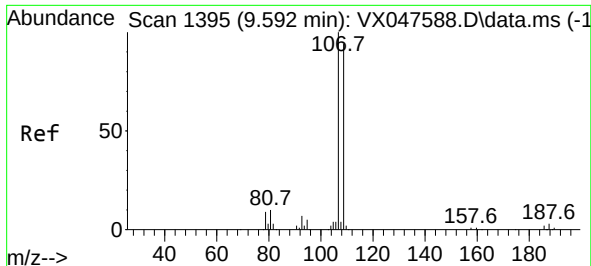
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 52.954 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

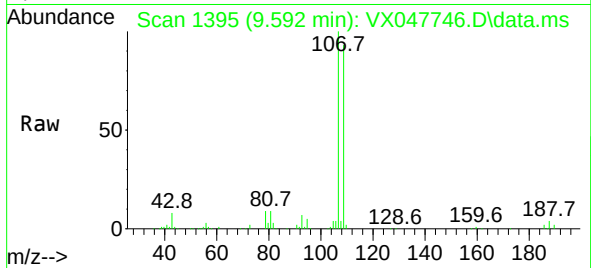
Tgt Ion:129 Resp: 125404
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 53.090 ug/l
RT: 9.592 min Scan# 111139
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

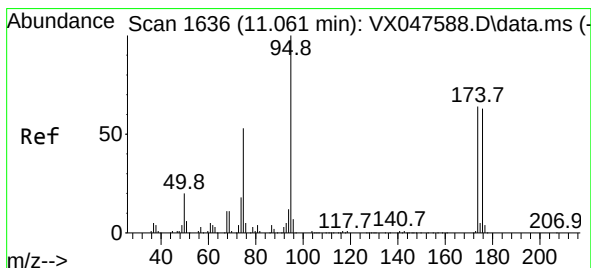
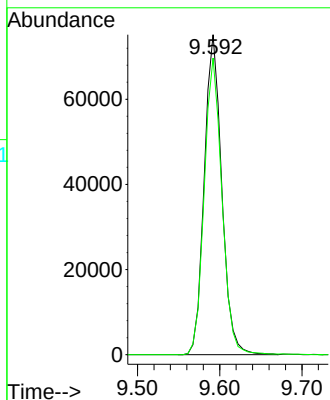
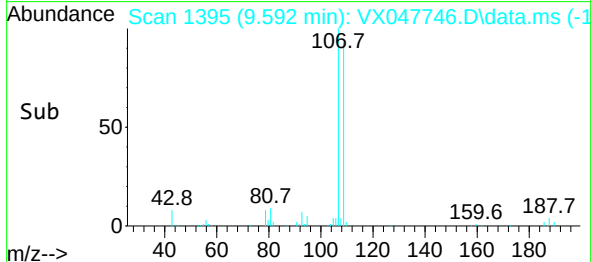
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



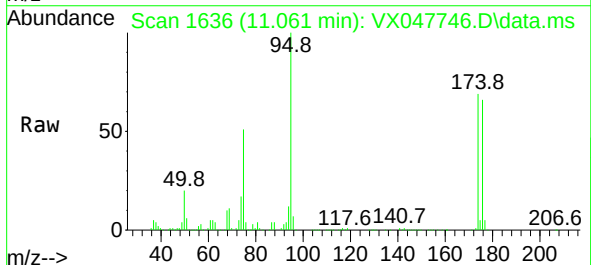
Tgt Ion:107 Resp: 111139
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

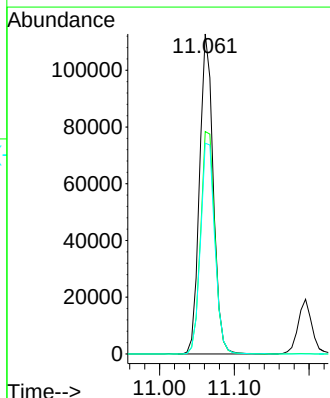
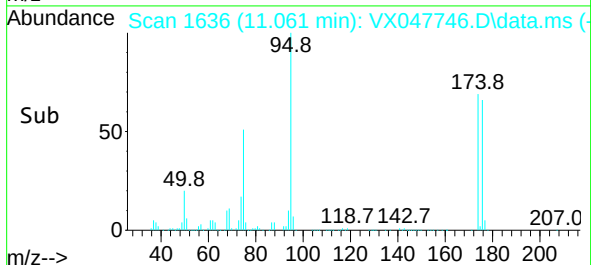
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

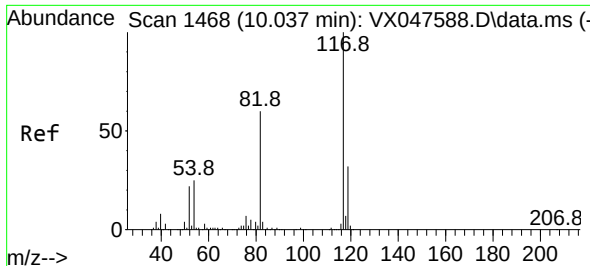


#62
4-Bromofluorobenzene
Concen: 55.994 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



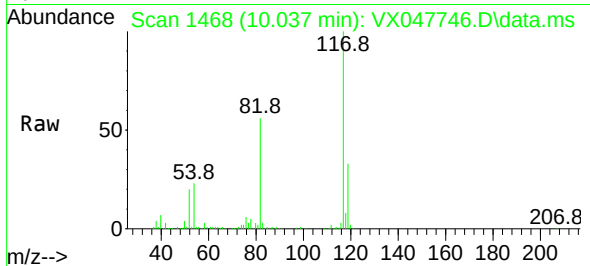
Tgt Ion: 95 Resp: 143339
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

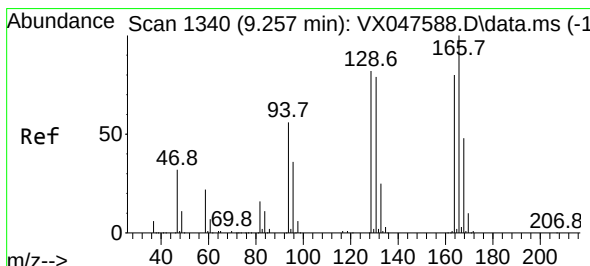
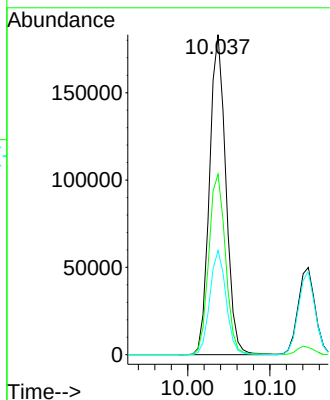
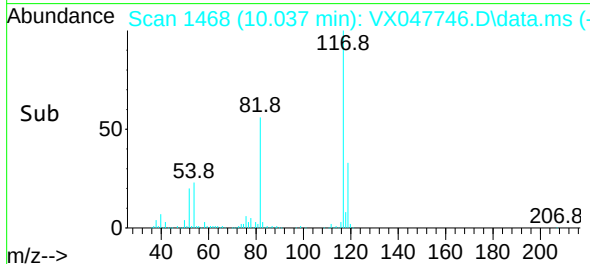
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 252770
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.6
119 32.6 25.2 37.8

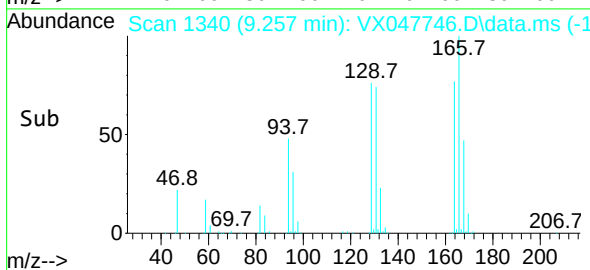
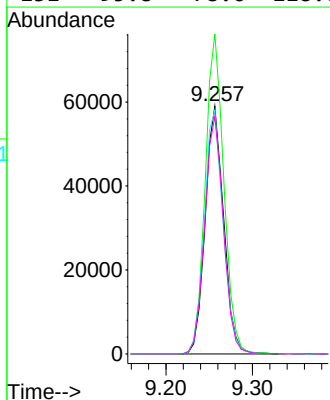
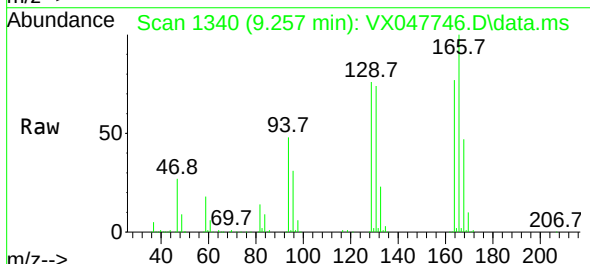
Manual Integrations
APPROVED

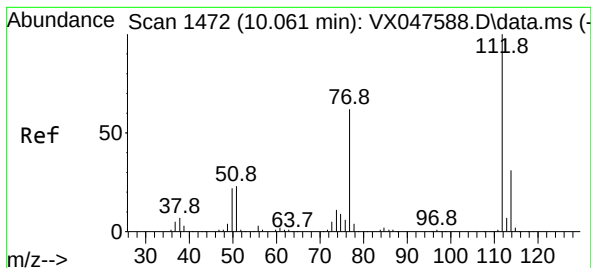
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#64
Tetrachloroethene
Concen: 53.073 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

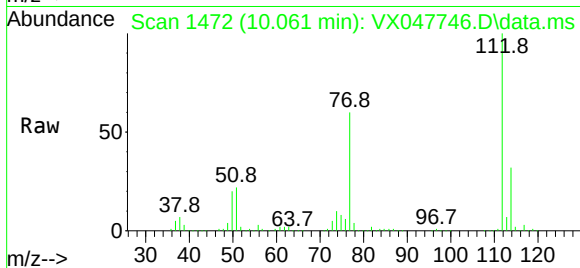
Tgt Ion:164 Resp: 87453
Ion Ratio Lower Upper
164 100
166 129.1 100.2 150.2
129 98.3 81.8 122.6
131 95.8 78.6 118.0





#65
Chlorobenzene
Concen: 51.885 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

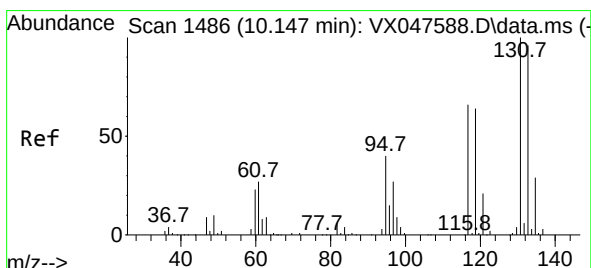
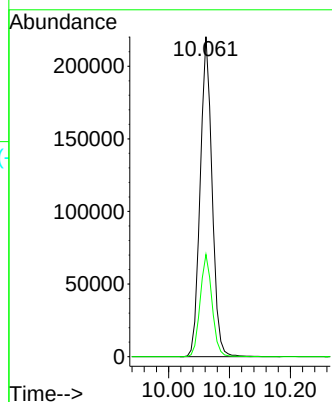
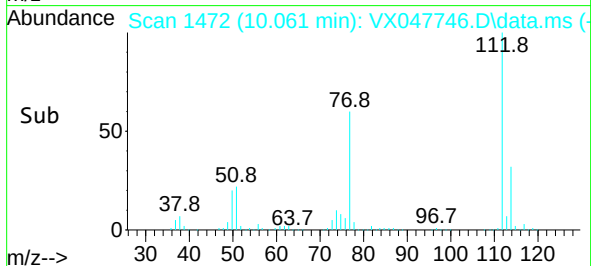
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



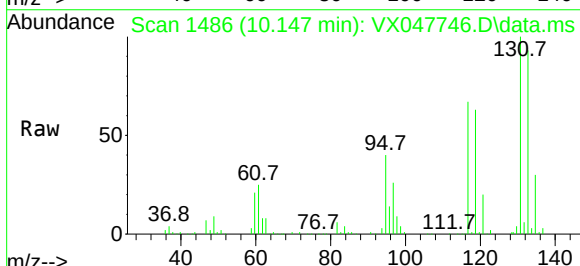
Tgt Ion:112 Resp: 297945
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
APPROVED

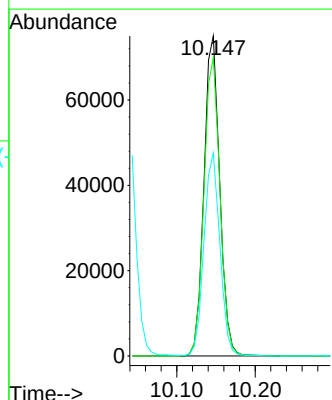
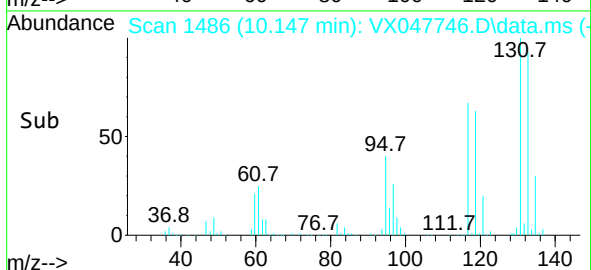
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

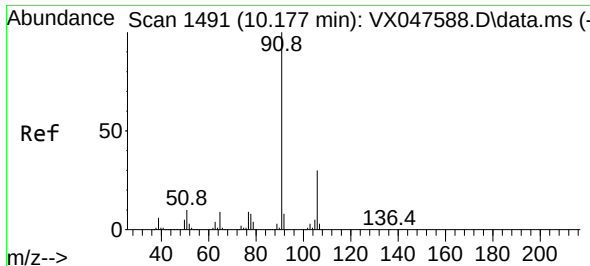


#66
1,1,1,2-Tetrachloroethane
Concen: 52.679 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



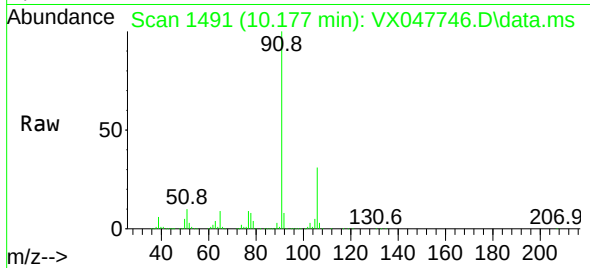
Tgt Ion:131 Resp: 104386
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 64.4 32.0 96.0





#67
Ethyl Benzene
Concen: 52.120 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

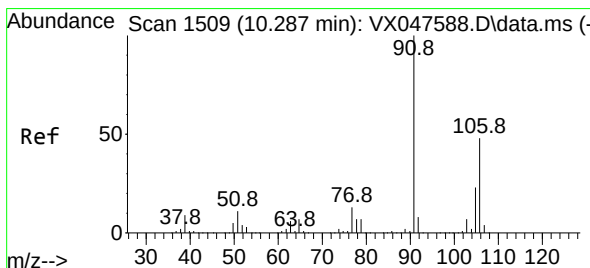
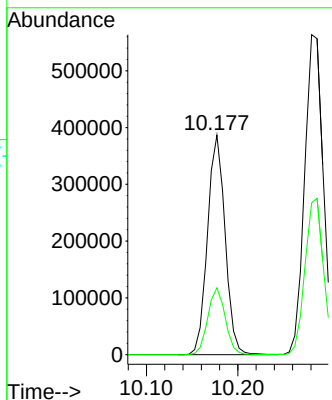
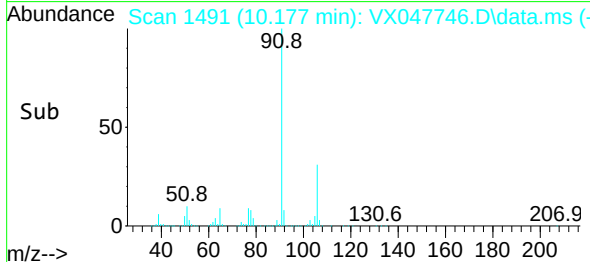
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 516414
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

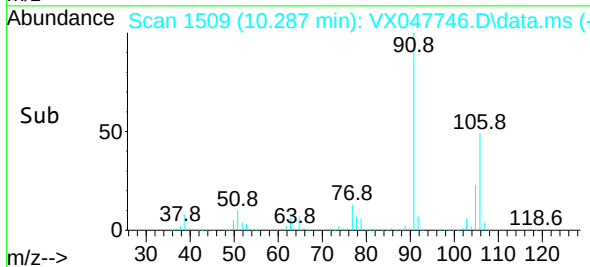
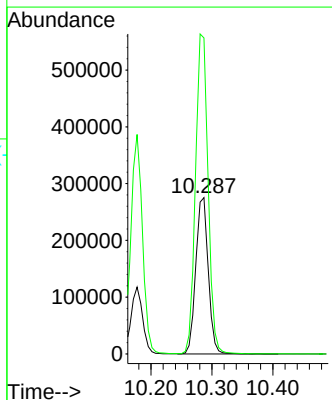
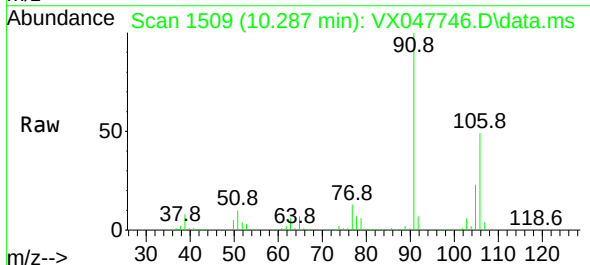
Manual Integrations
APPROVED

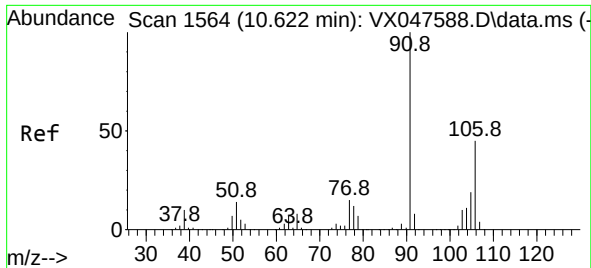
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#68
m/p-Xylenes
Concen: 106.017 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

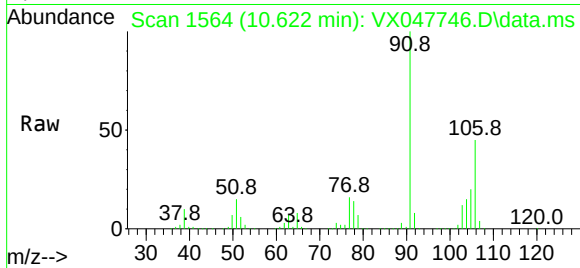
Tgt Ion:106 Resp: 390979
Ion Ratio Lower Upper
106 100
91 206.2 167.8 251.8





#69
o-Xylene
Concen: 52.481 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

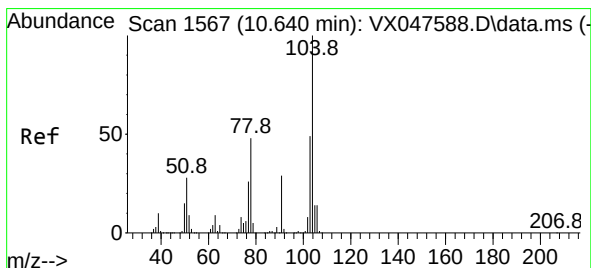
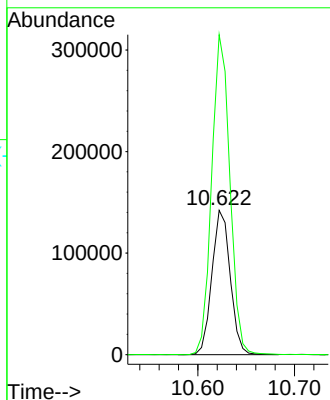
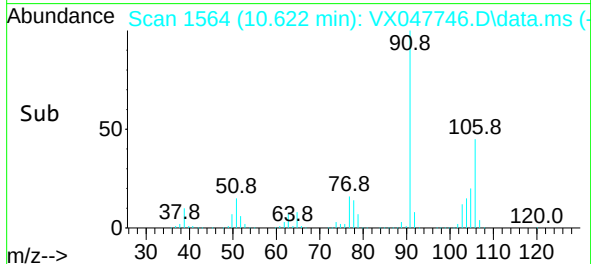
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



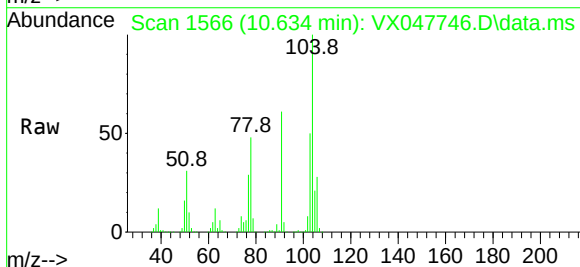
Tgt Ion:106 Resp: 18720
Ion Ratio Lower Upper
106 100
91 220.0 111.1 333.4

Manual Integrations
APPROVED

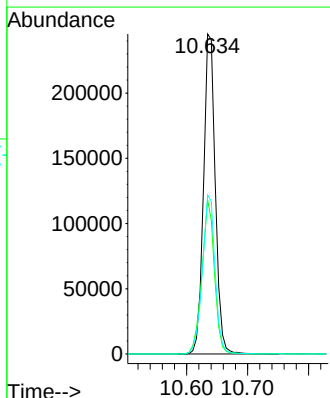
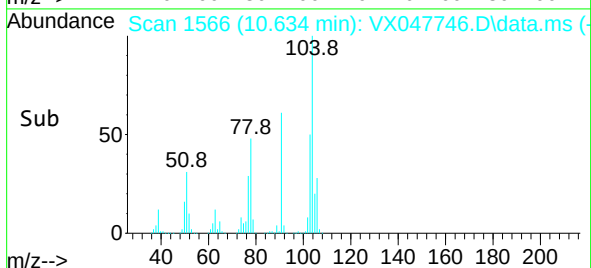
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

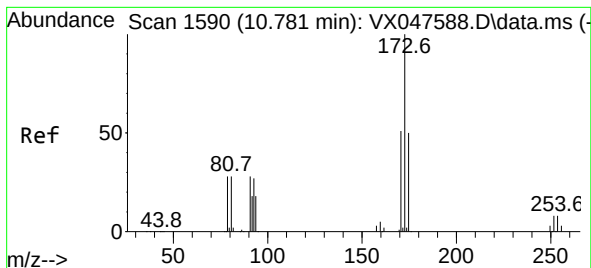


#70
Styrene
Concen: 52.908 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



Tgt Ion:104 Resp: 330686
Ion Ratio Lower Upper
104 100
78 51.2 43.1 64.7
103 53.7 43.1 64.7





#71

Bromoform

Concen: 54.161 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

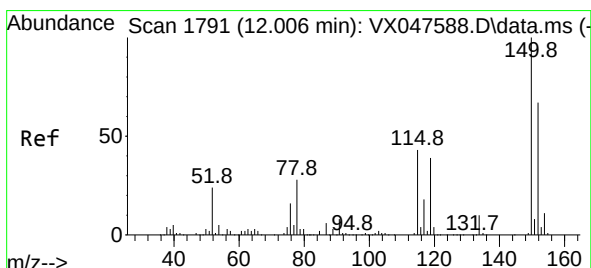
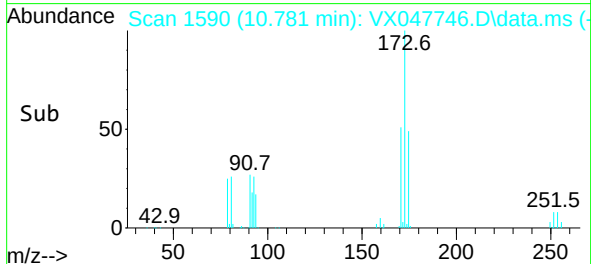
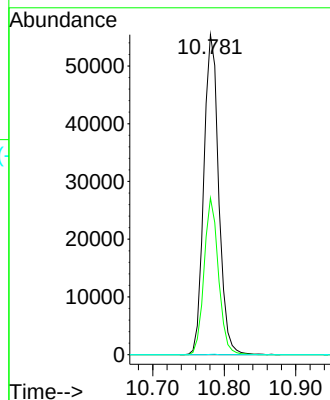
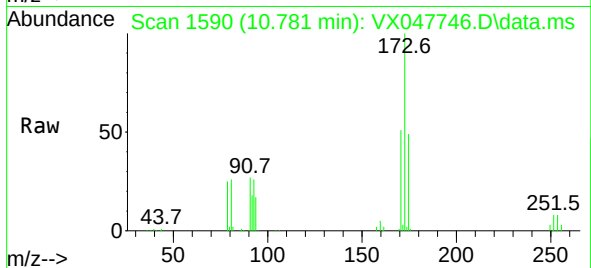
Tgt Ion:173 Resp: 80138
 Ion Ratio Lower Upper
 173 100
 175 47.2 24.9 74.6
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

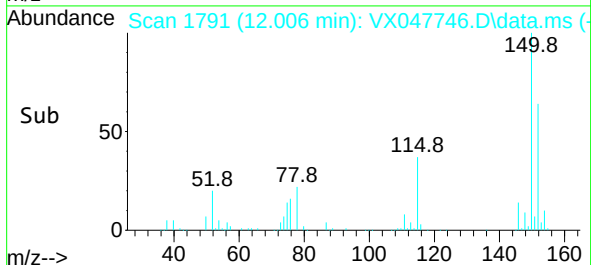
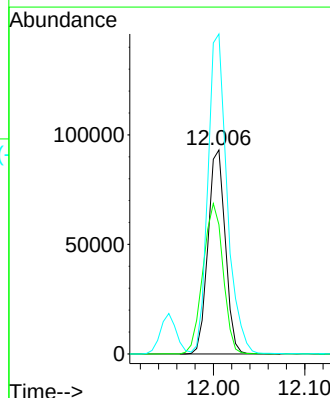
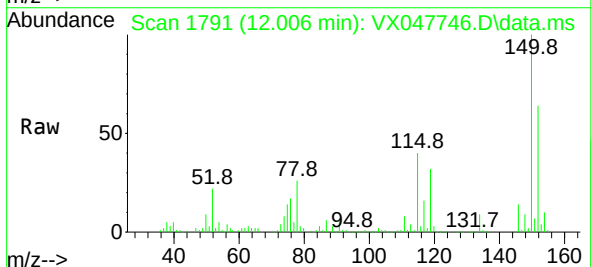
RT: 12.006 min Scan# 1791

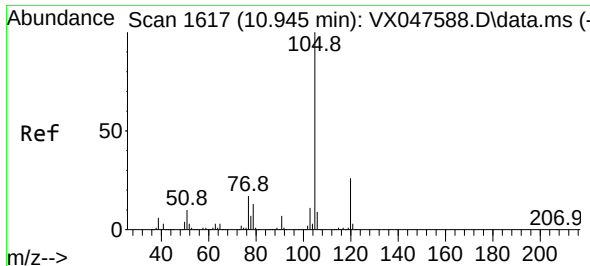
Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

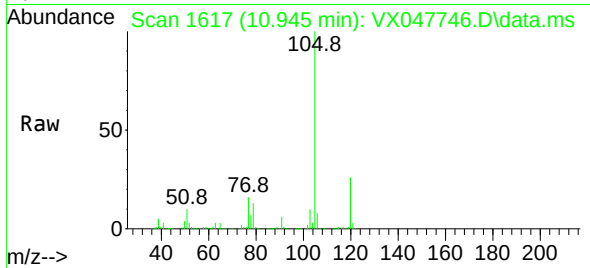
Tgt Ion:152 Resp: 121948
 Ion Ratio Lower Upper
 152 100
 115 86.0 44.9 134.5
 150 173.9 0.0 352.0





#73
Isopropylbenzene
Concen: 51.938 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

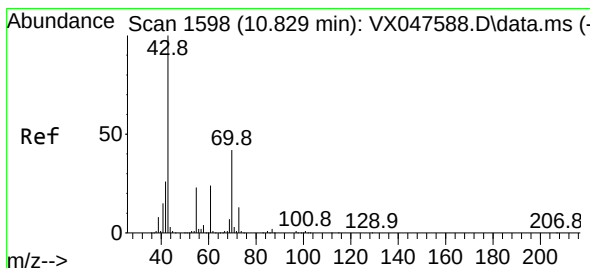
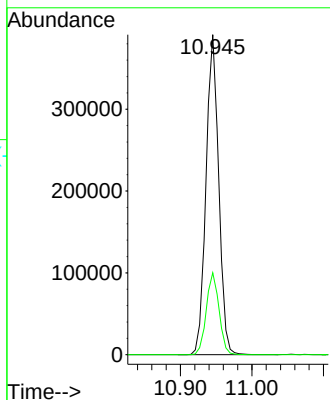
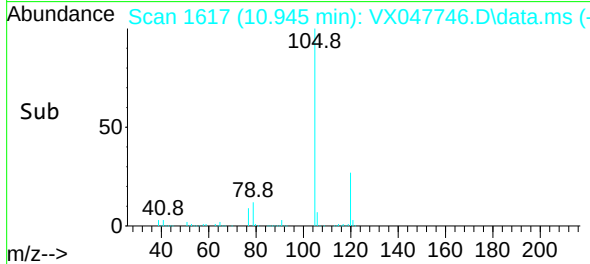
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 481520
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

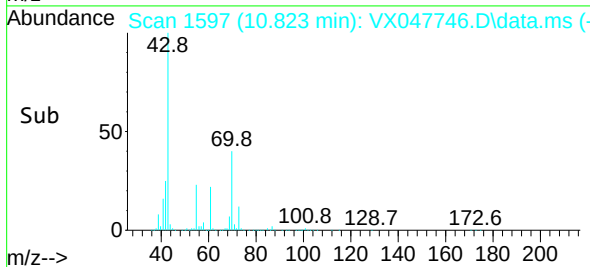
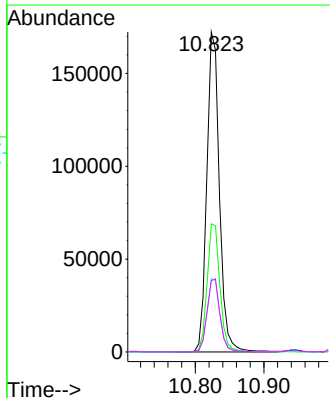
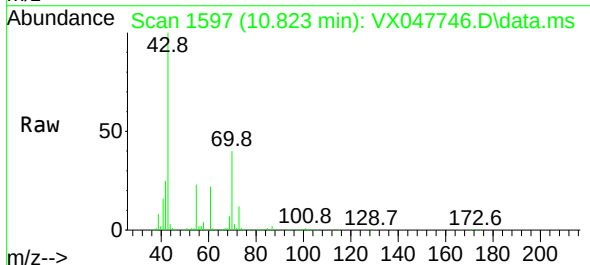
Manual Integrations
APPROVED

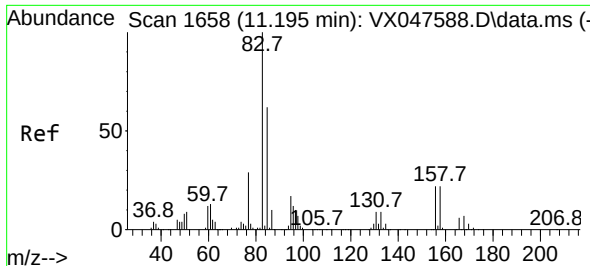
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 52.312 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

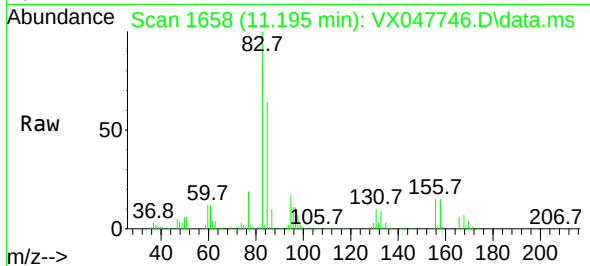
Tgt Ion: 43 Resp: 221168
Ion Ratio Lower Upper
43 100
70 40.9 32.0 48.0
55 23.6 18.9 28.3
61 23.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.400 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

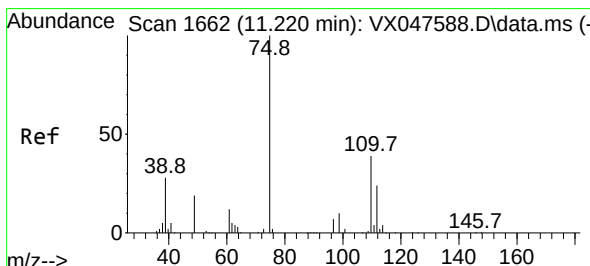
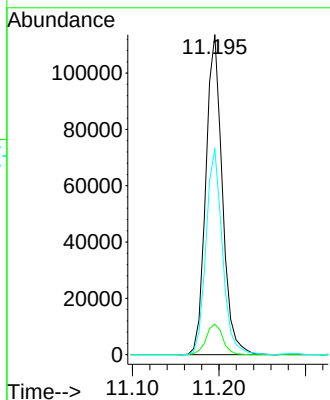
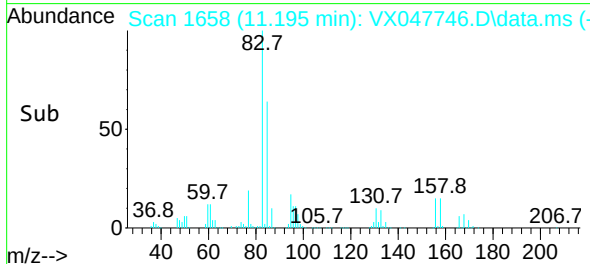
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



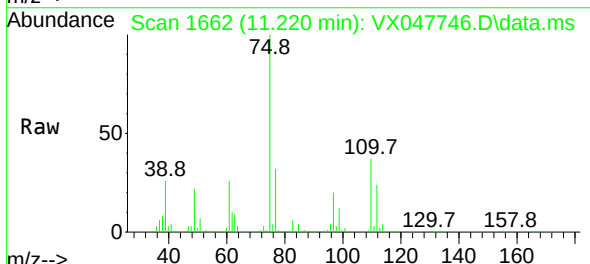
Tgt Ion: 83 Resp: 149789
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.0 31.6 95.0

Manual Integrations
APPROVED

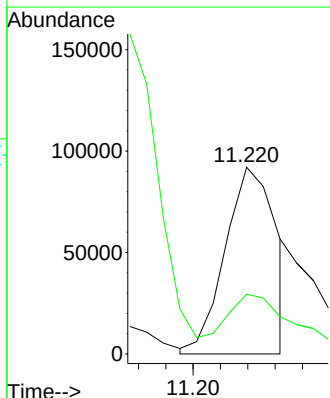
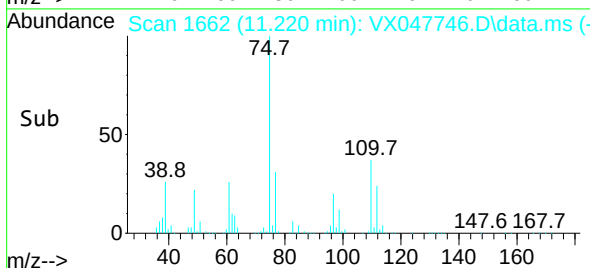
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

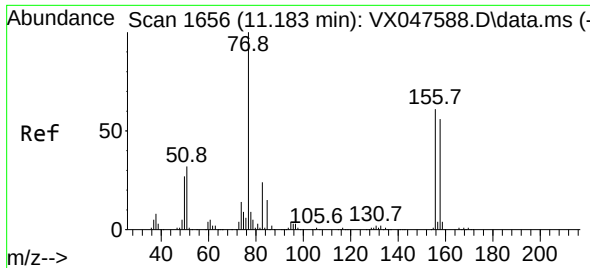


#76
1,2,3-Trichloropropane
Concen: 48.255 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



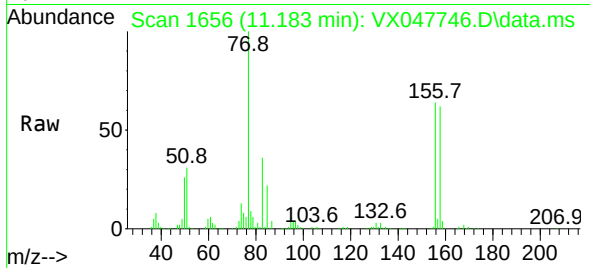
Tgt Ion: 75 Resp: 119145
Ion Ratio Lower Upper
75 100
77 44.0 18.8 56.4





#77
Bromobenzene
Concen: 51.110 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

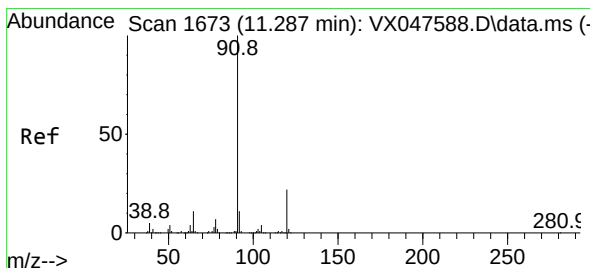
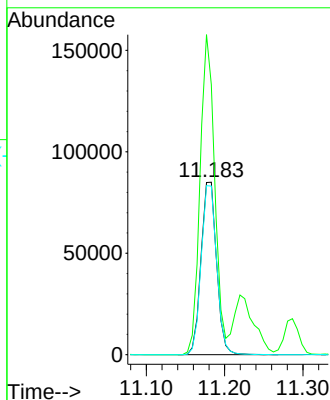
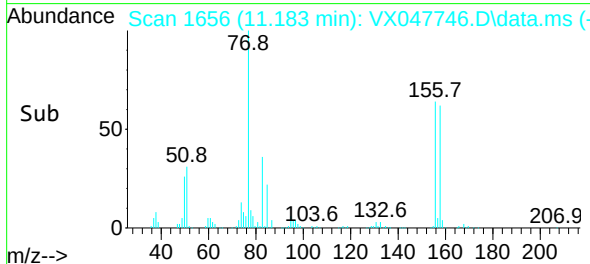
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



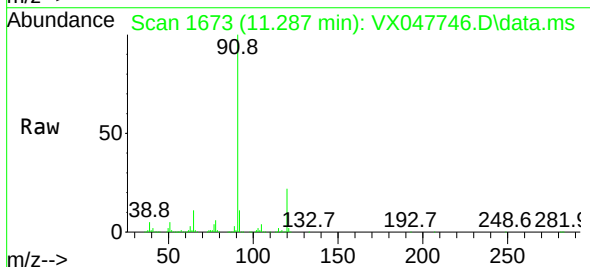
Tgt Ion:156 Resp: 116700
Ion Ratio Lower Upper
156 100
77 174.8 89.7 269.1
158 98.2 47.9 143.6

Manual Integrations
APPROVED

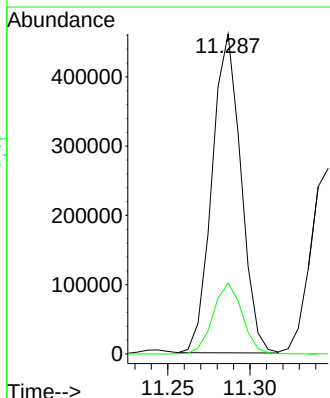
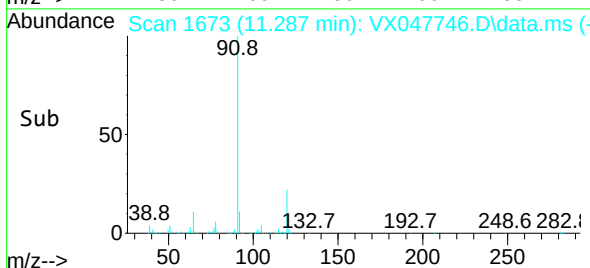
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

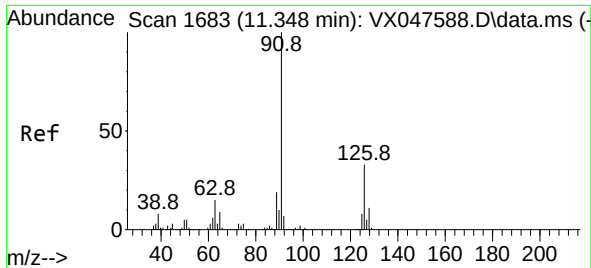


#78
n-propylbenzene
Concen: 51.387 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



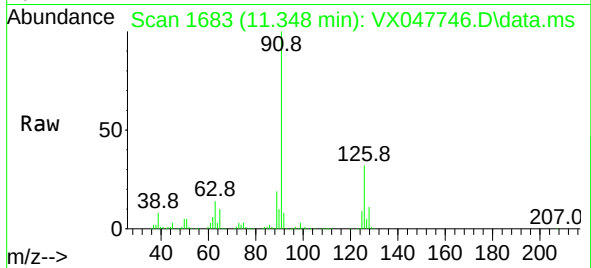
Tgt Ion: 91 Resp: 563194
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





#79
2-Chlorotoluene
Concen: 50.938 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

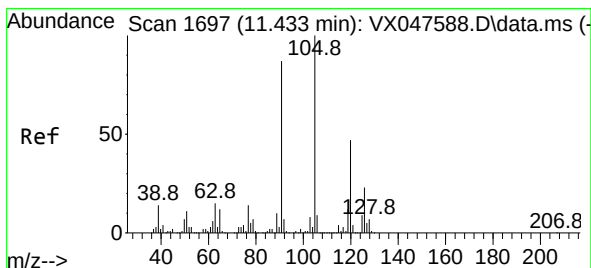
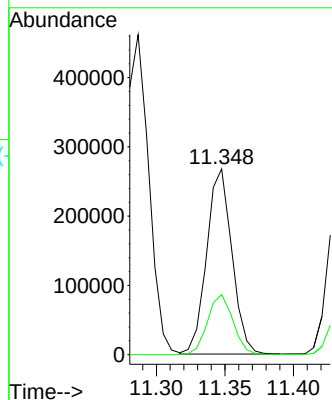
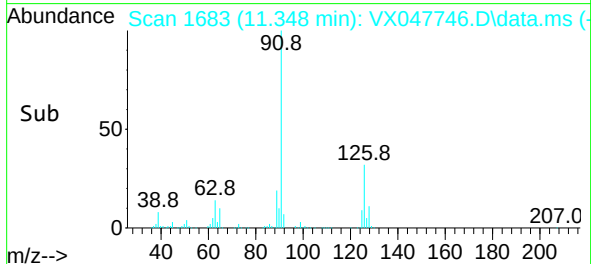
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 341925
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.3

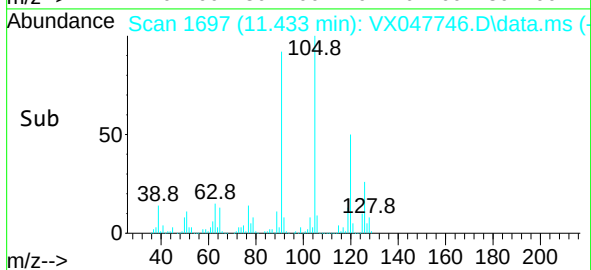
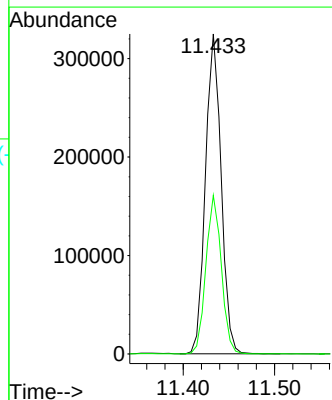
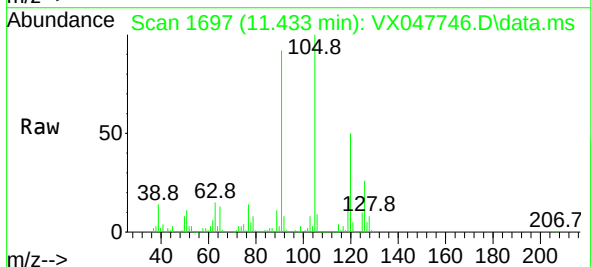
Manual Integrations
APPROVED

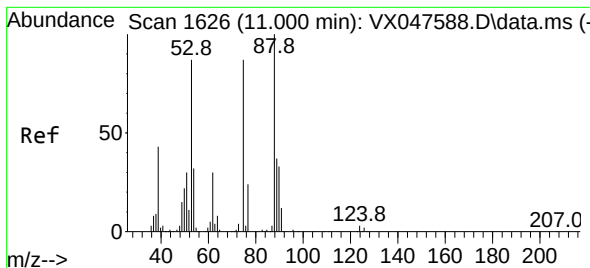
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.669 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

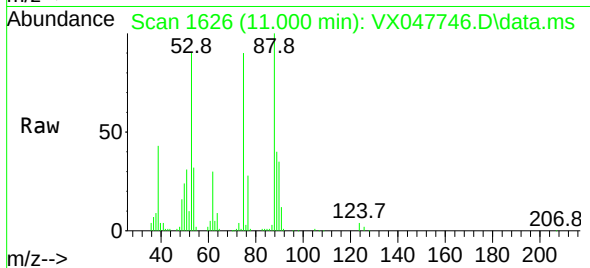
Tgt Ion:105 Resp: 385950
Ion Ratio Lower Upper
105 100
120 49.0 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.142 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

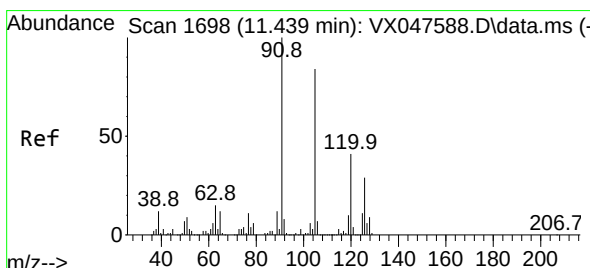
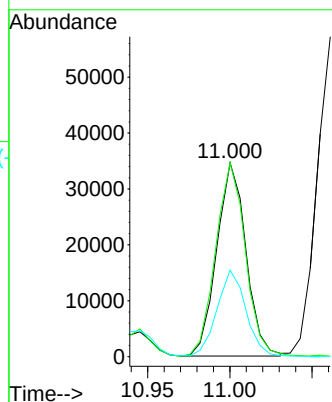
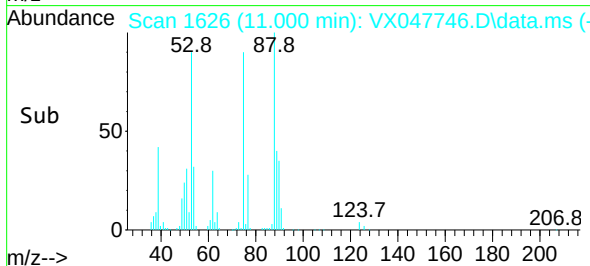
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



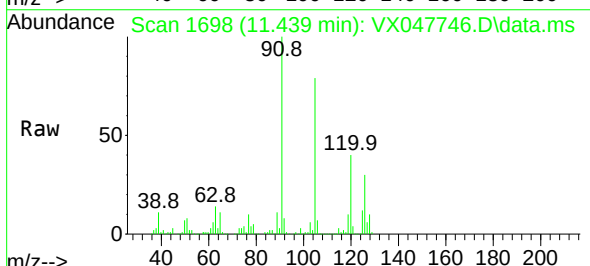
Tgt Ion: 75 Resp: 42739
Ion Ratio Lower Upper
75 100
53 101.7 83.4 125.2
89 44.8 36.3 54.5

Manual Integrations
APPROVED

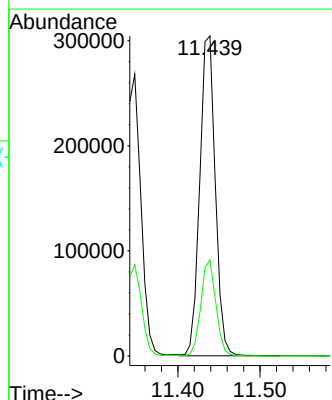
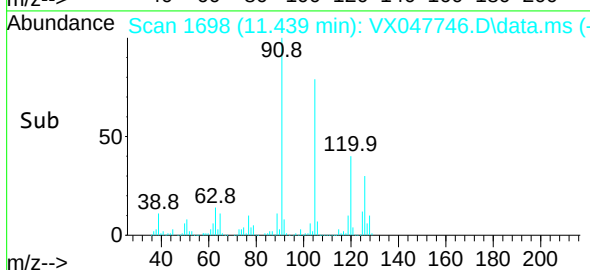
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

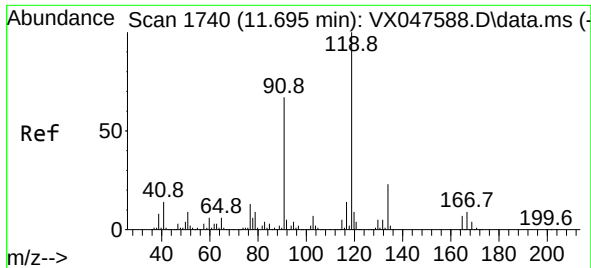


#82
4-Chlorotoluene
Concen: 50.313 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



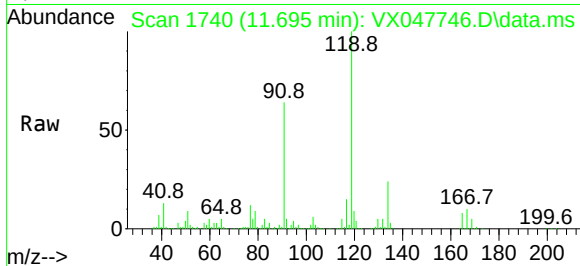
Tgt Ion: 91 Resp: 398881
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.936 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

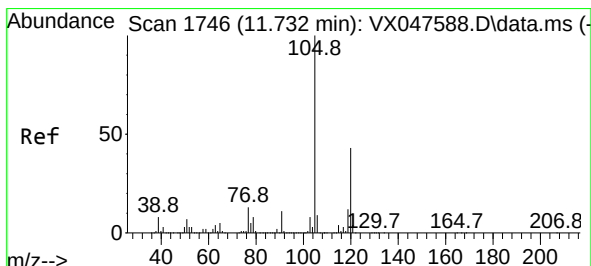
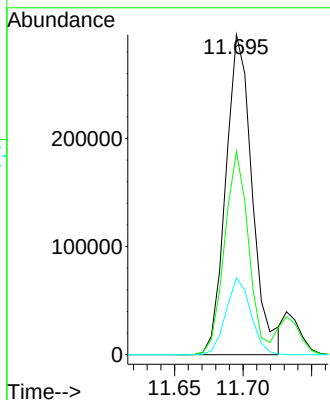
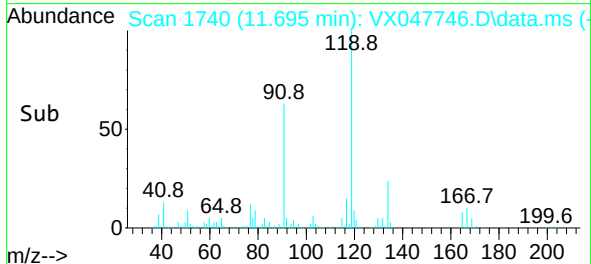
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



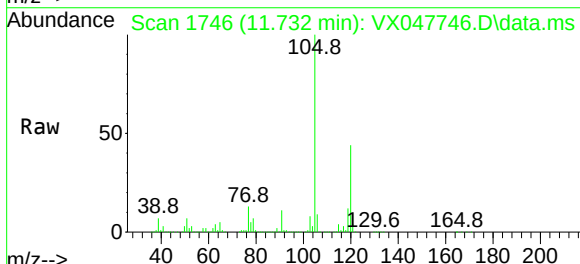
Tgt Ion:119 Resp: 39717
Ion Ratio Lower Upper
119 100
91 57.9 29.6 88.8
134 22.6 11.0 33.0

Manual Integrations
APPROVED

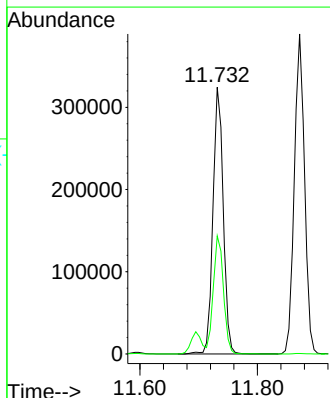
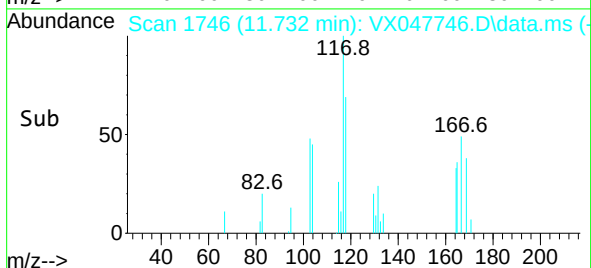
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

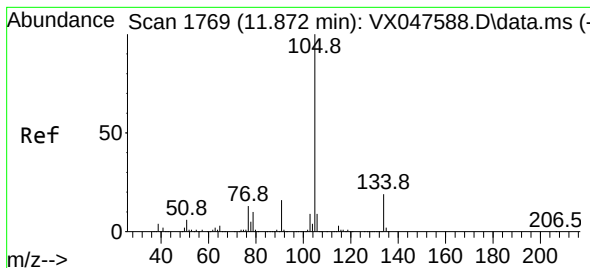


#84
1,2,4-Trimethylbenzene
Concen: 51.085 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



Tgt Ion:105 Resp: 394508
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.945 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 471850

Ion Ratio Lower Upper

105 100

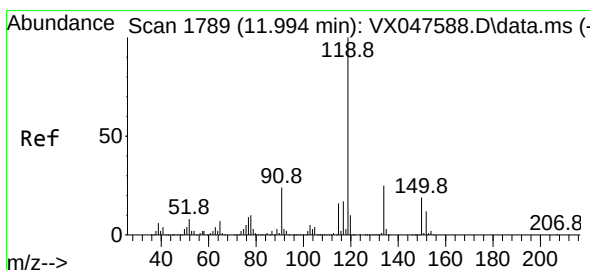
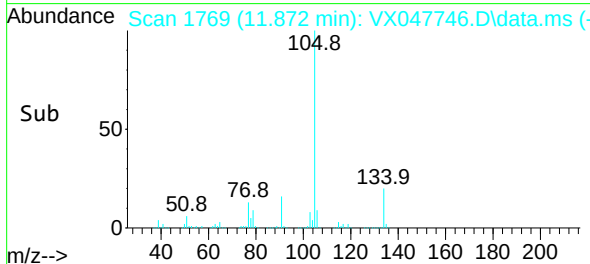
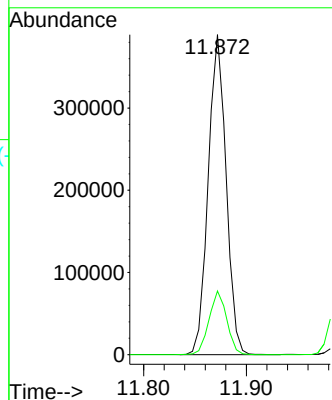
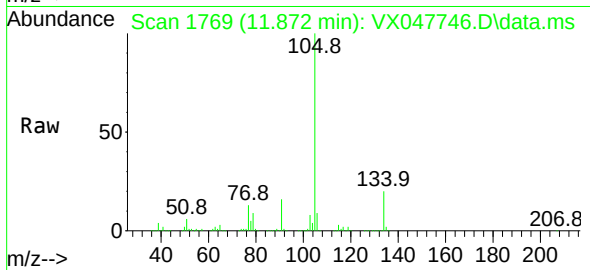
134 19.7 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#86

p-Isopropyltoluene

Concen: 50.687 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

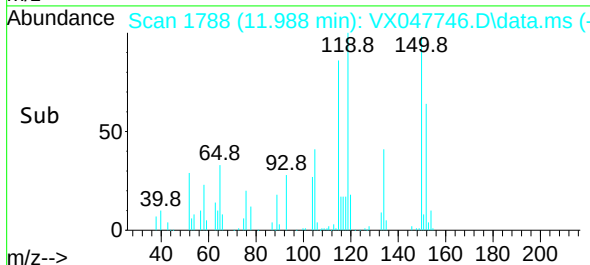
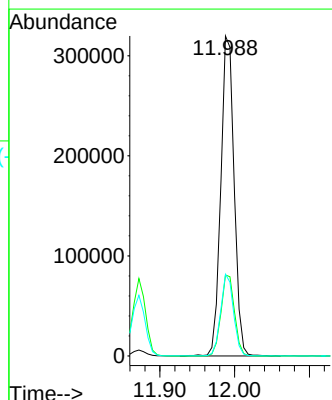
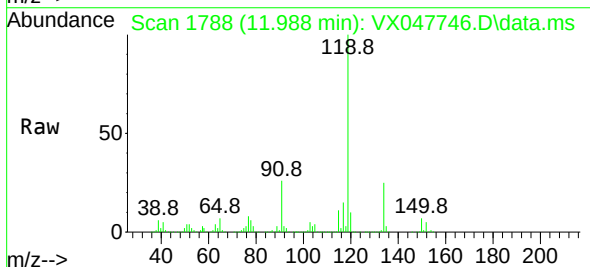
Tgt Ion:119 Resp: 397440

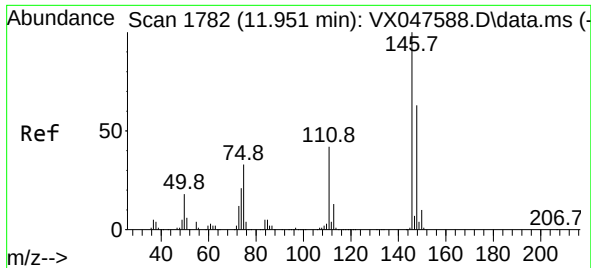
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.8 12.6 37.6





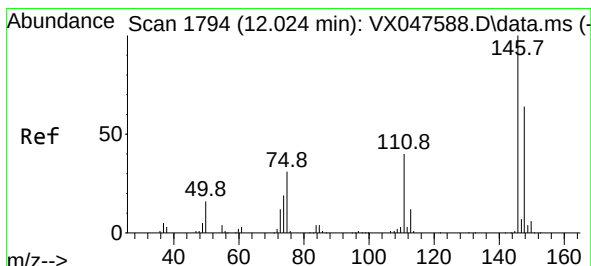
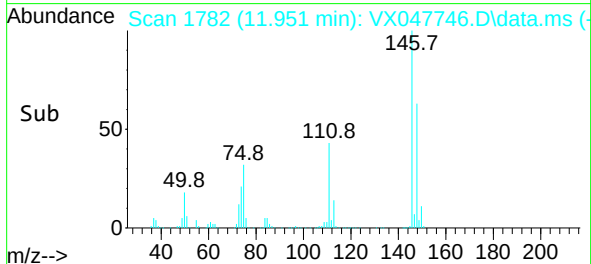
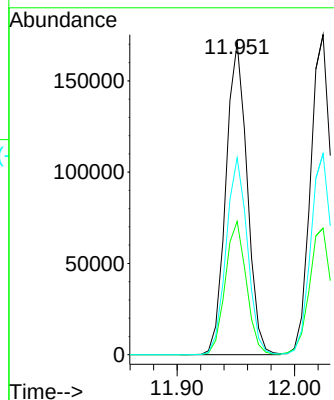
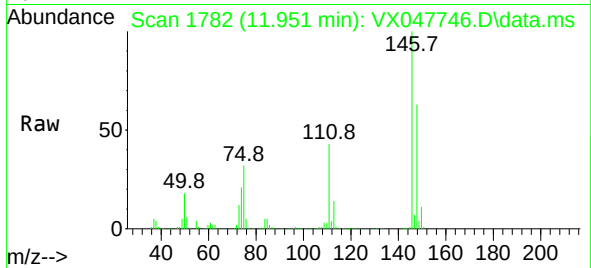
#87
1,3-Dichlorobenzene
Concen: 50.618 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 214686
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.2 32.0 96.0

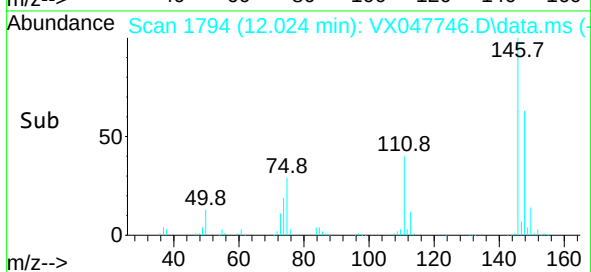
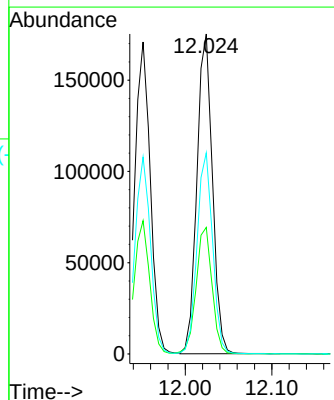
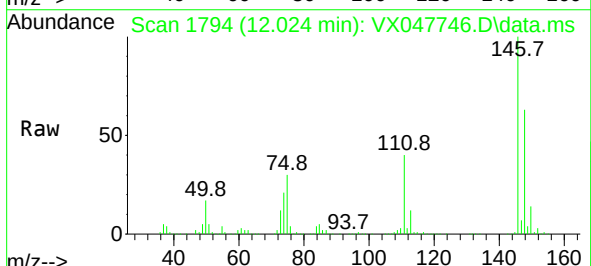
Manual Integrations
APPROVED

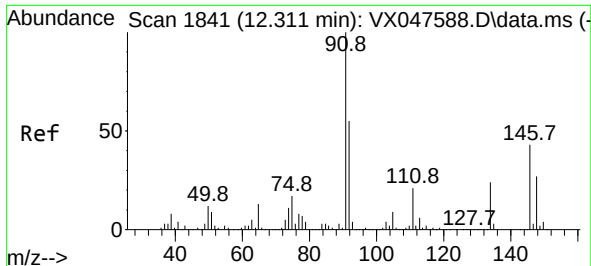
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#88
1,4-Dichlorobenzene
Concen: 50.100 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion:146 Resp: 218086
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.4
148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 49.578 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047746.D

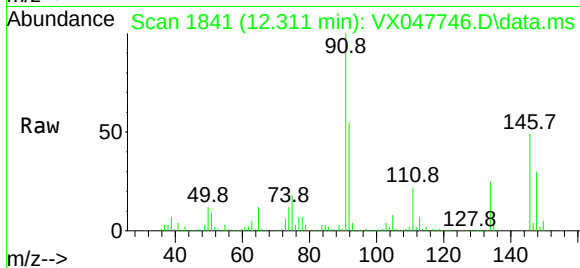
Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



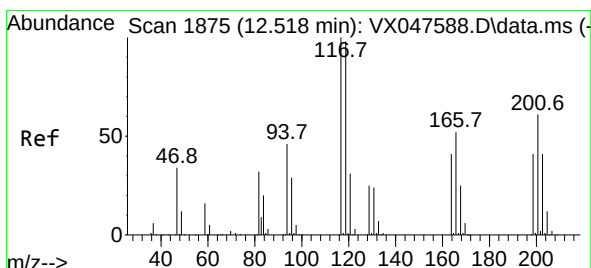
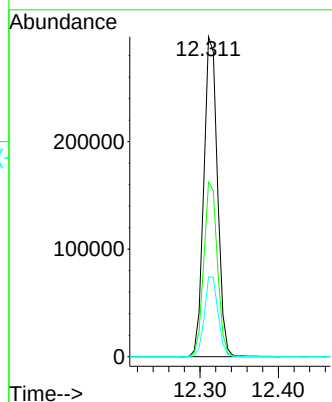
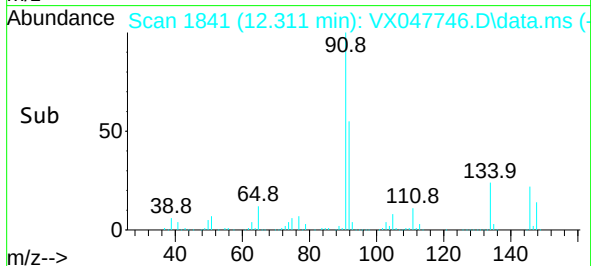
Tgt Ion:	91	Resp:	359700
Ion Ratio	100	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 51.284 ug/l

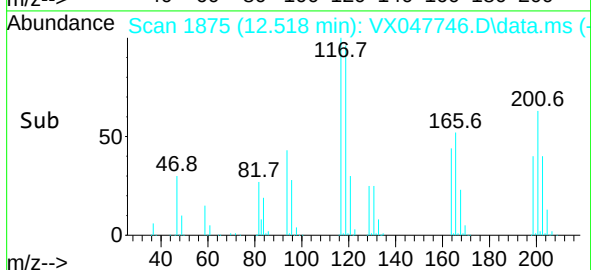
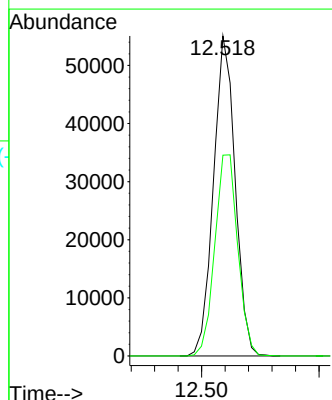
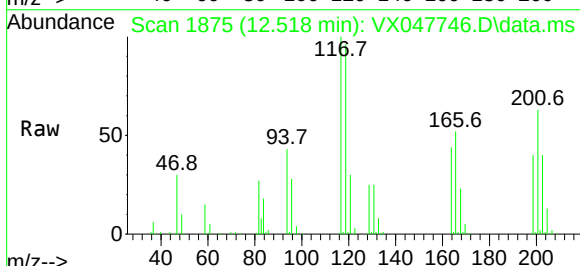
RT: 12.518 min Scan# 1875

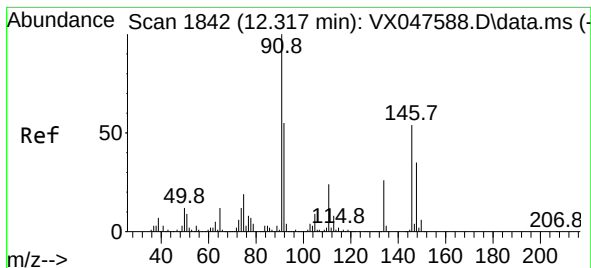
Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

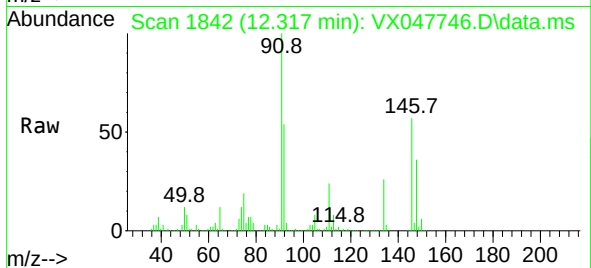
Tgt Ion:	117	Resp:	70601
Ion Ratio	100	Lower	Upper
117	100		
201	66.7	34.2	102.5





#91
1,2-Dichlorobenzene
Concen: 51.499 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

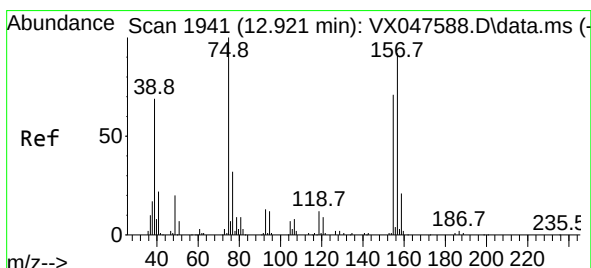
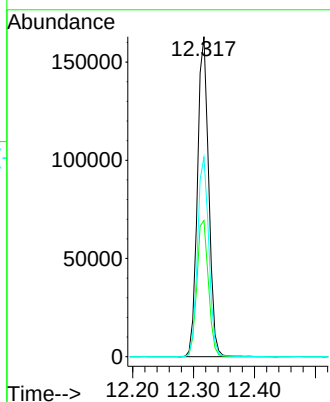
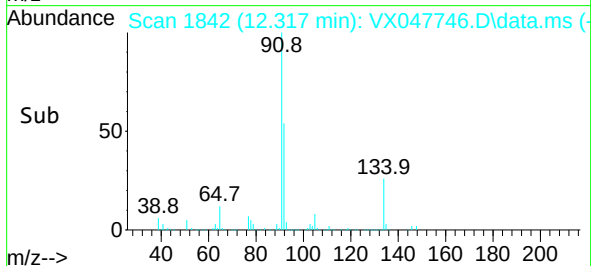
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 20809
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 62.8 31.8 95.4

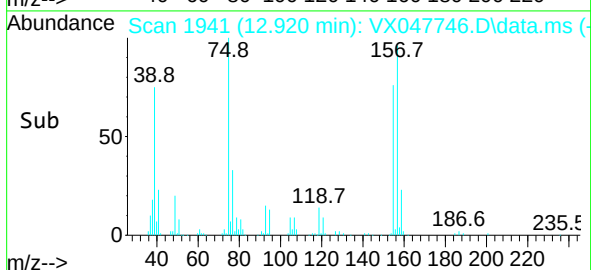
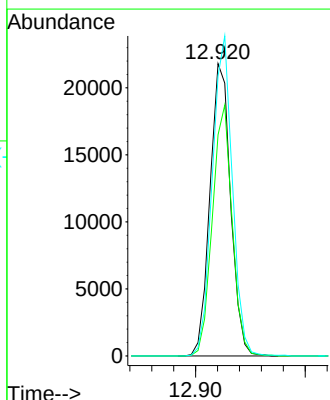
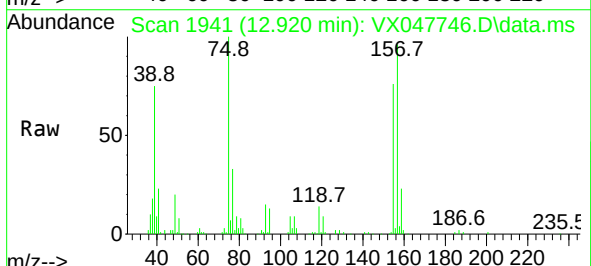
Manual Integrations
APPROVED

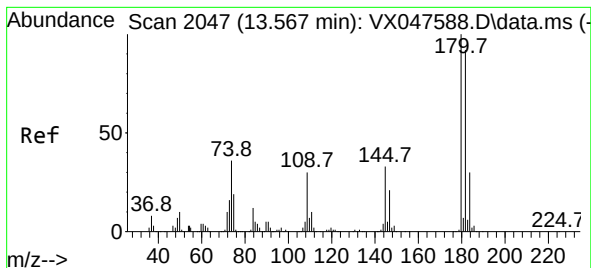
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.279 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

Tgt Ion: 75 Resp: 28554
Ion Ratio Lower Upper
75 100
155 82.0 37.7 113.1
157 106.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.444 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

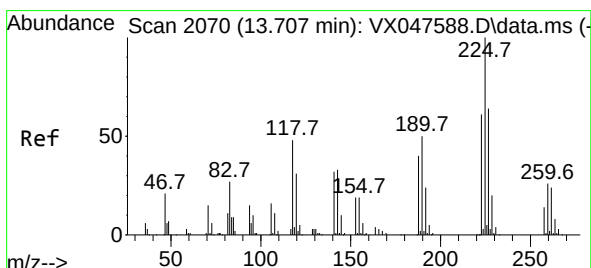
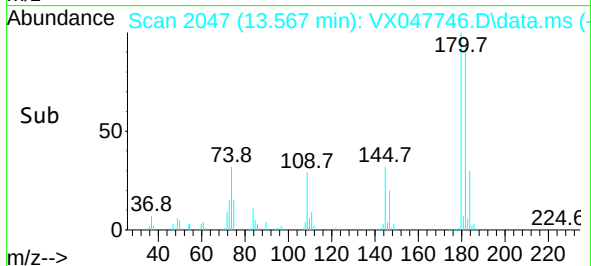
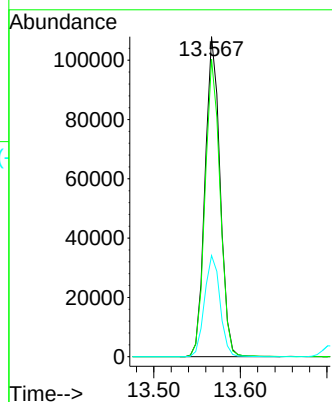
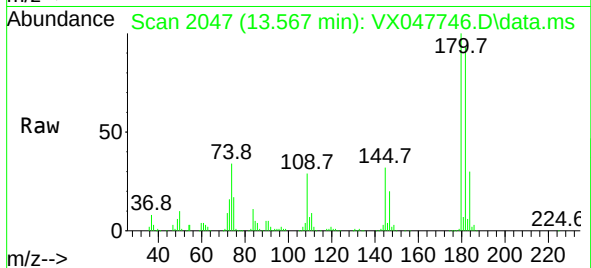
Tgt Ion:180 Resp: 129844
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.6 139.8
 145 32.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 47.621 ug/l

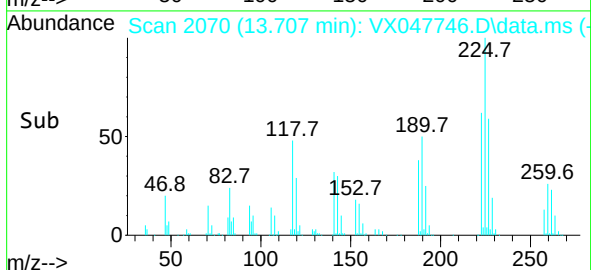
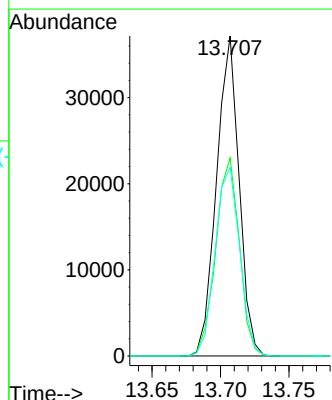
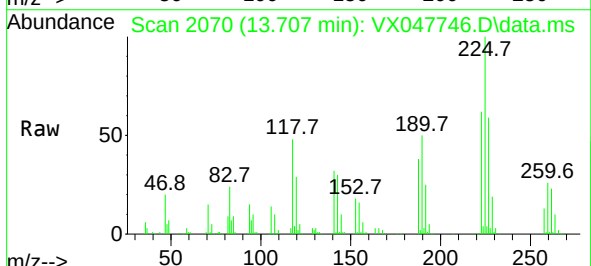
RT: 13.707 min Scan# 2070

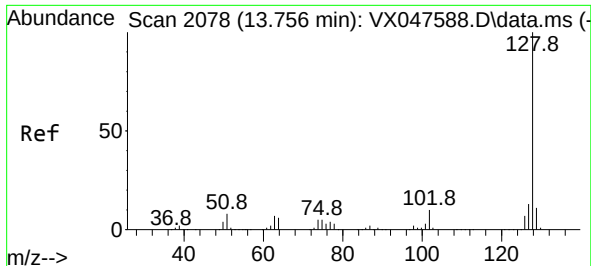
Delta R.T. -0.000 min

Lab File: VX047746.D

Acq: 24 Sep 2025 02:08

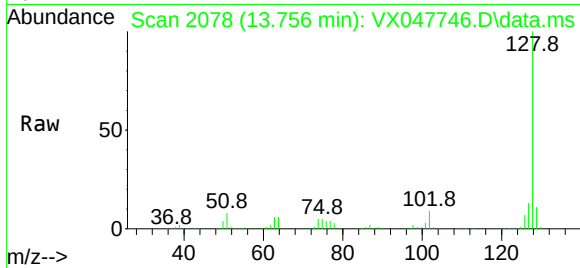
Tgt Ion:225 Resp: 42478
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.7 95.1
 227 64.0 32.0 96.0





#95
Naphthalene
Concen: 51.297 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08

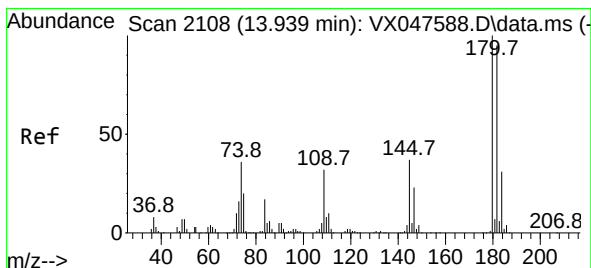
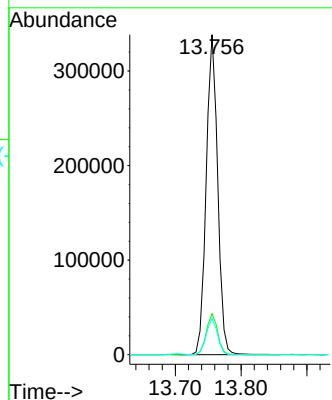
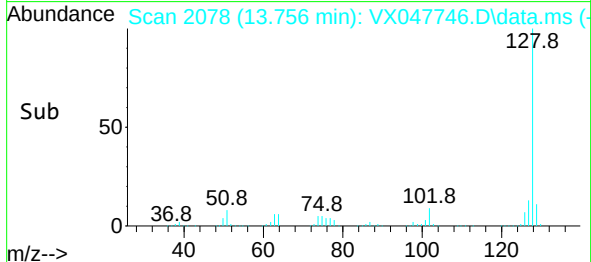
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



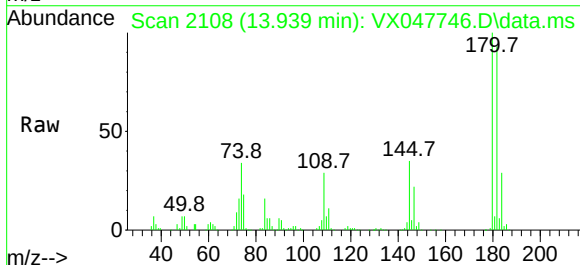
Tgt Ion:128 Resp: 41020
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.895 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047746.D
Acq: 24 Sep 2025 02:08



Tgt Ion:180 Resp: 124328
Ion Ratio Lower Upper
180 100
182 92.7 47.6 142.8
145 34.6 17.9 53.7

