

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047925.D
 Acq On : 01 Oct 2025 08:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 01:13:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	144631	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	260134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	124685	54.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.320%			
35) Dibromofluoromethane	5.367	113	98267	56.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.660%			
50) Toluene-d8	8.628	98	324365	53.732	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.460%			
62) 4-Bromofluorobenzene	11.061	95	119729	52.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.178	85	91085	60.818	ug/l	99
3) Chloromethane	1.300	50	110419	56.097	ug/l	100
4) Vinyl Chloride	1.380	62	114111	59.223	ug/l	99
5) Bromomethane	1.611	94	69517	56.897	ug/l	99
6) Chloroethane	1.691	64	75662	58.753	ug/l	100
7) Trichlorofluoromethane	1.892	101	171477	59.938	ug/l	98
8) Diethyl Ether	2.136	74	67159	57.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	96125	57.462	ug/l	99
10) Methyl Iodide	2.453	142	124704	47.798	ug/l	100
11) Tert butyl alcohol	2.940	59	58452	227.972	ug/l	98
12) 1,1-Dichloroethene	2.325	96	98833	57.516	ug/l	99
13) Acrolein	2.233	56	41249	174.579	ug/l	99
14) Allyl chloride	2.666	41	166158	46.859	ug/l	97
15) Acrylonitrile	3.050	53	269376	283.637	ug/l	100
16) Acetone	2.373	43	217997	217.782	ug/l	98
17) Carbon Disulfide	2.514	76	255182	54.246	ug/l	98
18) Methyl Acetate	2.696	43	134529	60.389	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	348678	55.586	ug/l	100
20) Methylene Chloride	2.782	84	120618	56.927	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	104674	56.580	ug/l	98
22) Diisopropyl ether	3.745	45	395937	57.615	ug/l	91
23) Vinyl Acetate	3.708	43	1499884	272.705	ug/l	99
24) 1,1-Dichloroethane	3.599	63	212129	58.077	ug/l	99
25) 2-Butanone	4.531	43	307124	245.974	ug/l	99
26) 2,2-Dichloropropane	4.458	77	80398	26.480	ug/l	93
27) cis-1,2-Dichloroethene	4.471	96	124695	55.037	ug/l	94
28) Bromochloromethane	4.873	49	101680	63.766	ug/l	99
29) Tetrahydrofuran	4.983	42	196599	261.737	ug/l	99
30) Chloroform	5.074	83	214728	58.176	ug/l	100
31) Cyclohexane	5.452	56	152106	50.000	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	176197	56.279	ug/l	99
36) 1,1-Dichloropropene	5.672	75	130677	51.260	ug/l	99
37) Ethyl Acetate	4.690	43	134131	49.140	ug/l	99
38) Carbon Tetrachloride	5.659	117	147089	53.104	ug/l	99
39) Methylcyclohexane	7.360	83	138542	47.876	ug/l	98
40) Benzene	6.019	78	421247	54.405	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	74326	52.746	ug/l	99
42) 1,2-Dichloroethane	6.068	62	158595	53.834	ug/l	99
43) Isopropyl Acetate	6.312	43	225027	50.267	ug/l	100
44) Trichloroethene	7.104	130	100254	53.557	ug/l	94
45) 1,2-Dichloropropane	7.409	63	109590	55.275	ug/l	97
46) Dibromomethane	7.561	93	78369	54.318	ug/l	97
47) Bromodichloromethane	7.799	83	166580	55.951	ug/l	99
48) Methyl methacrylate	7.671	41	112094	50.270	ug/l	98
49) 1,4-Dioxane	7.641	88	27263	1209.803	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	642043	258.676	ug/l	100
52) Toluene	8.701	92	254447	53.340	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	144886	47.710	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	158578	48.855	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	101762	55.323	ug/l	98
56) Ethyl methacrylate	9.098	69	151133	52.318	ug/l	98
57) 1,3-Dichloropropane	9.293	76	174076	55.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	412325	295.242	ug/l	100
59) 2-Hexanone	9.415	43	432172	242.438	ug/l	99
60) Dibromochloromethane	9.500	129	120602	56.903	ug/l	99
61) 1,2-Dibromoethane	9.592	107	102684	54.808	ug/l	99
64) Tetrachloroethene	9.256	164	82226	54.742	ug/l	98
65) Chlorobenzene	10.061	112	281425	53.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	100383	55.573	ug/l	98
67) Ethyl Benzene	10.177	91	470865	52.134	ug/l	100
68) m/p-Xylenes	10.280	106	358108	106.525	ug/l	98
69) o-Xylene	10.622	106	173728	53.429	ug/l	97
70) Styrene	10.634	104	304498	53.445	ug/l	99
71) Bromoform	10.780	173	74442	55.193	ug/l	99
73) Isopropylbenzene	10.945	105	440490	52.083	ug/l	99
74) N-amyl acetate	10.823	43	190962	49.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	135919	53.118	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	107919m	47.914	ug/l	
77) Bromobenzene	11.177	156	109763	52.694	ug/l	96
78) n-propylbenzene	11.286	91	515569	51.568	ug/l	99
79) 2-Chlorotoluene	11.347	91	315063	51.452	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	360539	51.887	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	32867	37.213	ug/l	99
82) 4-Chlorotoluene	11.433	91	374249	51.748	ug/l	99
83) tert-Butylbenzene	11.695	119	363612	51.119	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	362779	51.497	ug/l	100
85) sec-Butylbenzene	11.872	105	425236	50.330	ug/l	100
86) p-Isopropyltoluene	11.987	119	358451	50.113	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	198339	51.263	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	202543	51.006	ug/l	99
89) n-Butylbenzene	12.311	91	322844	48.778	ug/l	99
90) Hexachloroethane	12.518	117	68208	54.313	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	191476	51.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25029	48.313	ug/l	95
93) 1,2,4-Trichlorobenzene	13.566	180	114786	47.915	ug/l	98
94) Hexachlorobutadiene	13.707	225	37573	46.175	ug/l	100
95) Naphthalene	13.755	128	362591	49.706	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	109321	49.057	ug/l	99

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

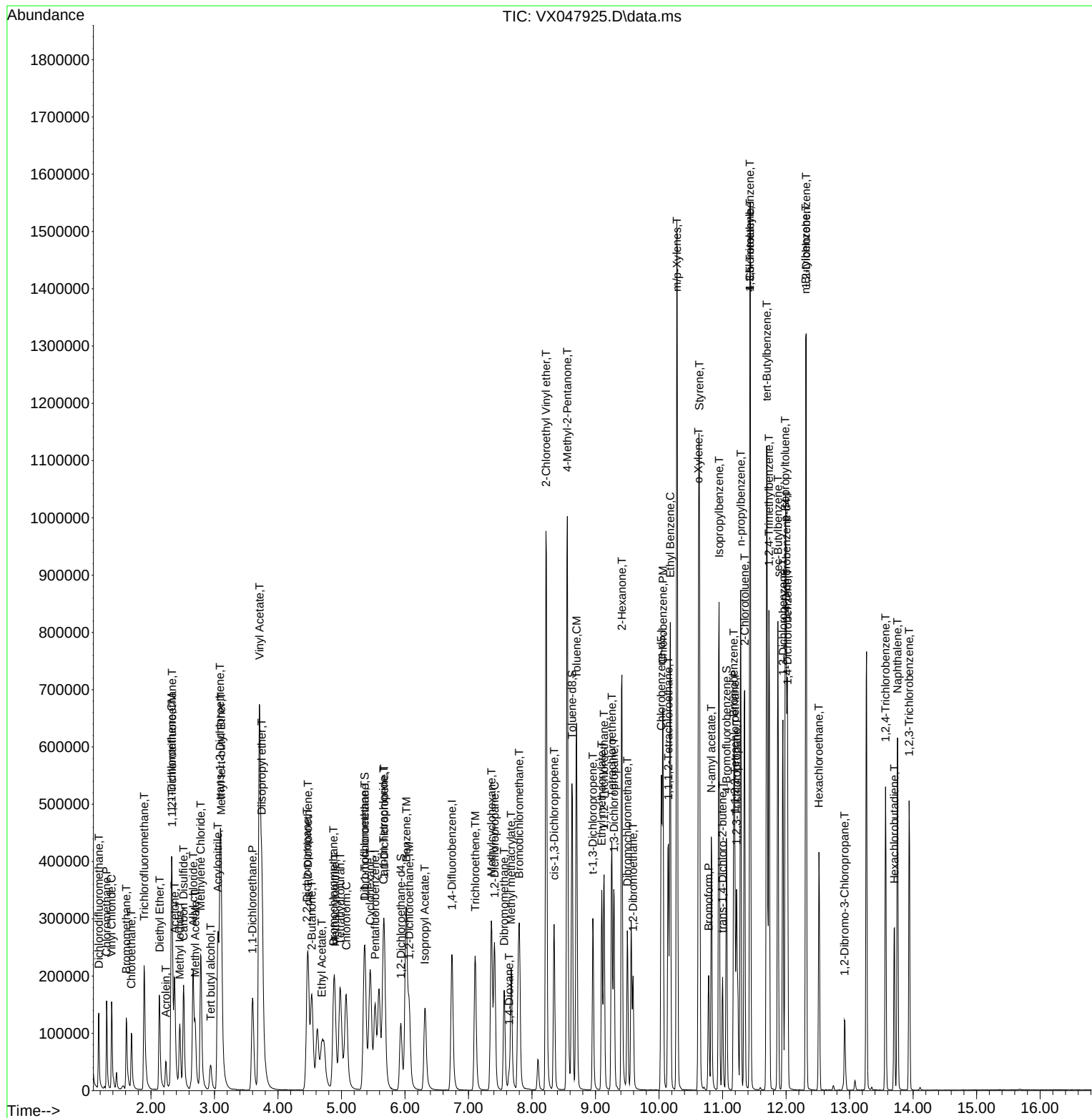
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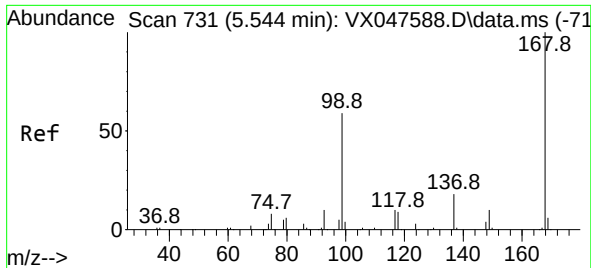
Instrument :
MSVOA_X
ClientSampleId :
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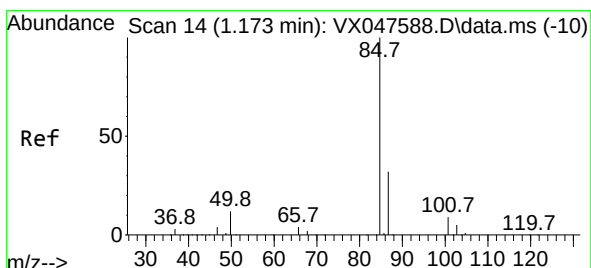
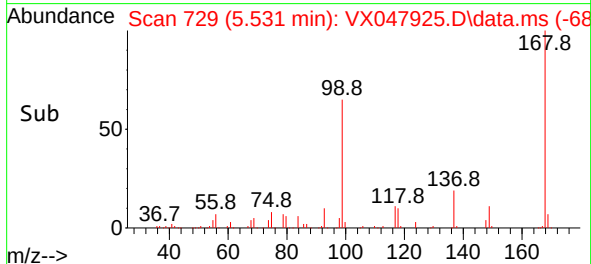
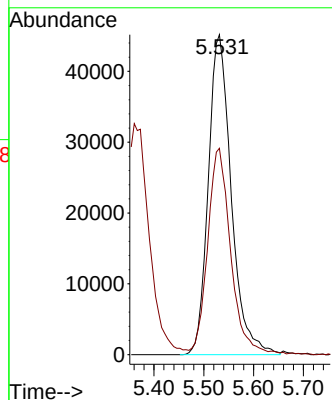
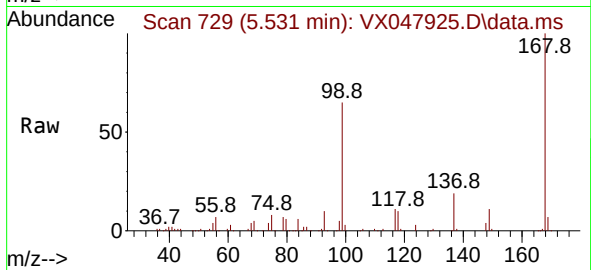
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 14463
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2

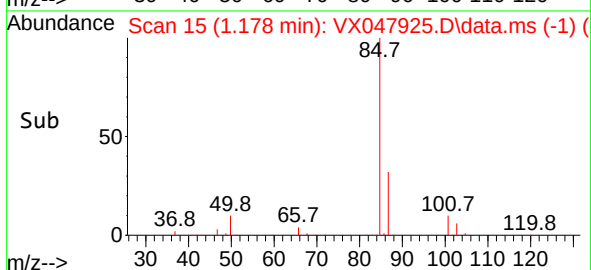
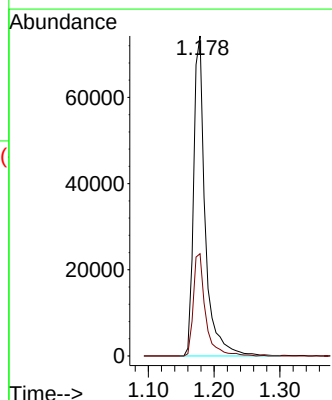
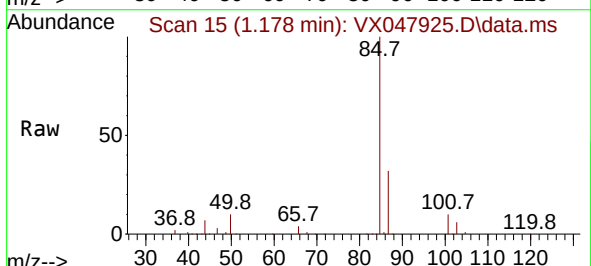
Manual Integrations
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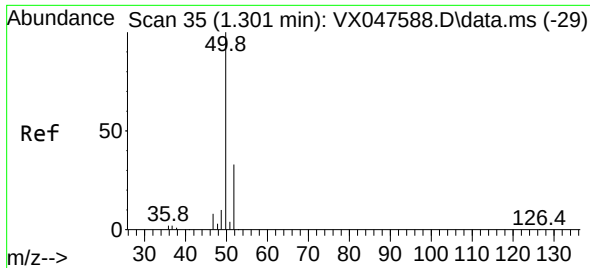
Reviewed By :John Carlone 10/03/2025
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#2
Dichlorodifluoromethane
Concen: 60.818 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 85 Resp: 91085
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.3





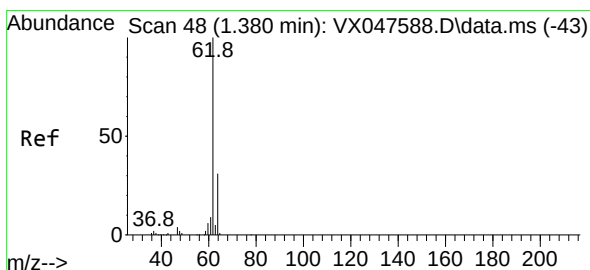
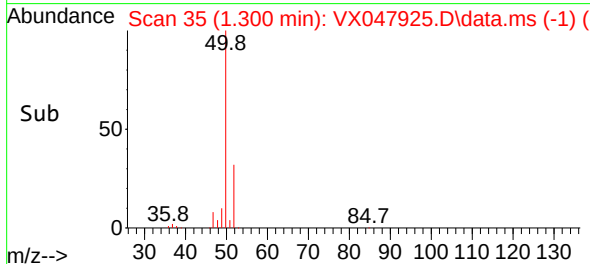
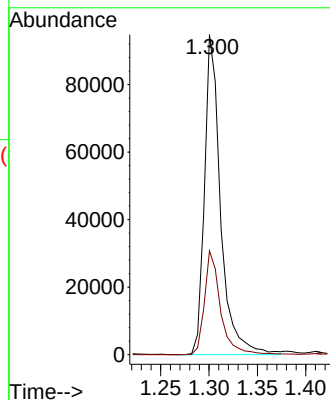
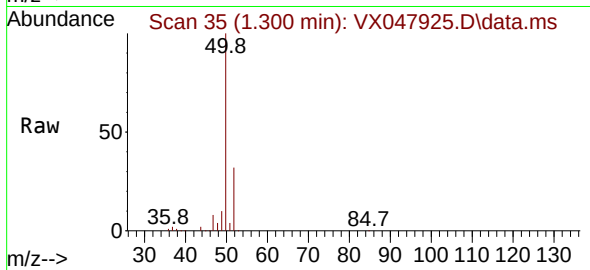
#3
Chloromethane
Concen: 56.097 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 110419
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

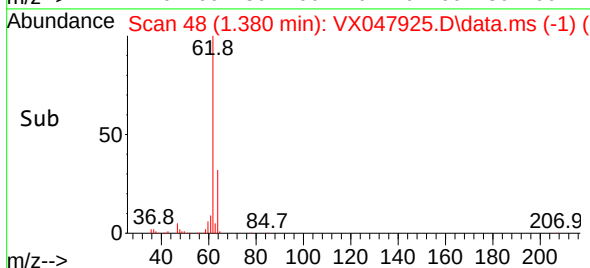
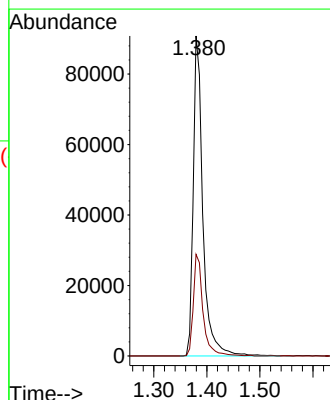
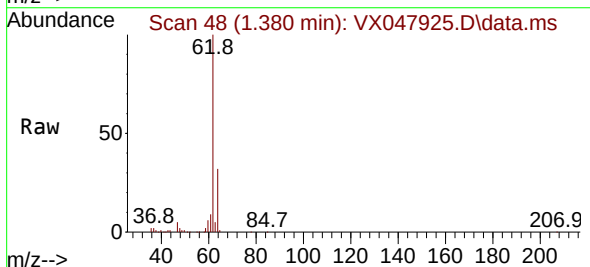
Manual Integrations
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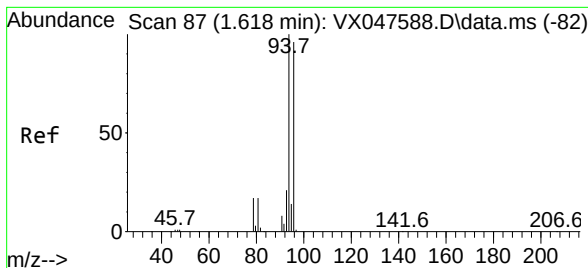
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#4
Vinyl Chloride
Concen: 59.223 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

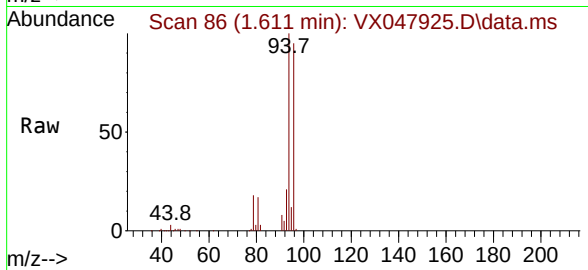
Tgt Ion: 62 Resp: 114111
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5
Bromomethane
Concen: 56.897 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

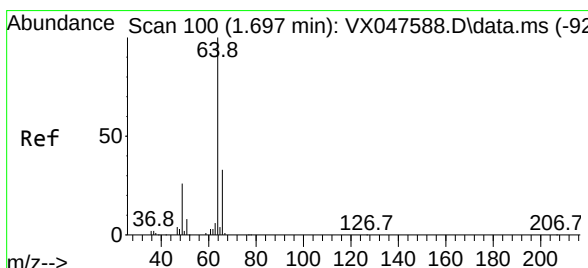
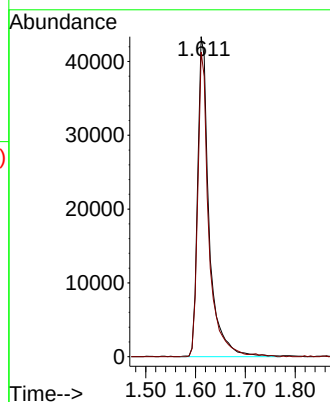
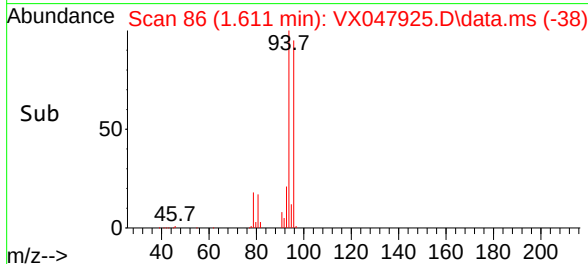
Instrument :
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Tgt Ion: 94 Resp: 6951
Ion Ratio Lower Upper
94 100
96 95.1 76.6 115.0

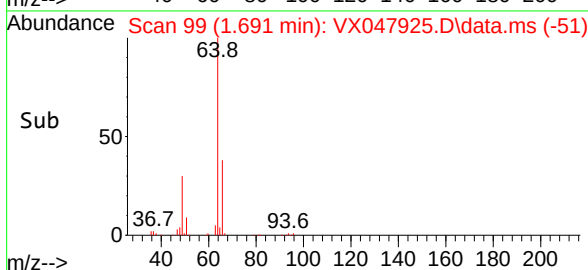
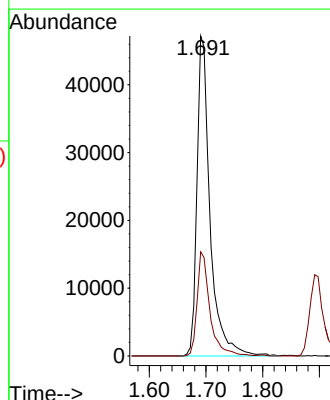
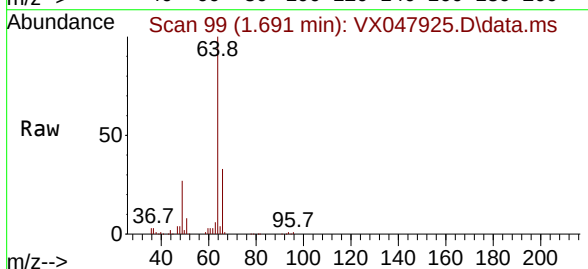
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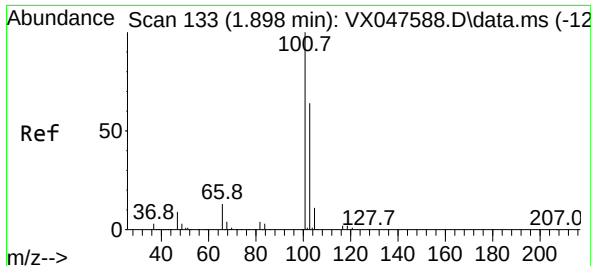
Reviewed By :John Carlone 10/03/2025
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#6
Chloroethane
Concen: 58.753 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

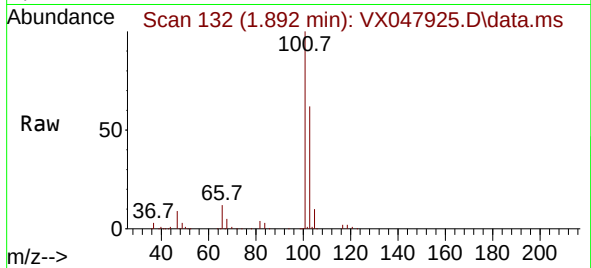
Tgt Ion: 64 Resp: 75662
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1





#7
Trichlorofluoromethane
Concen: 59.938 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

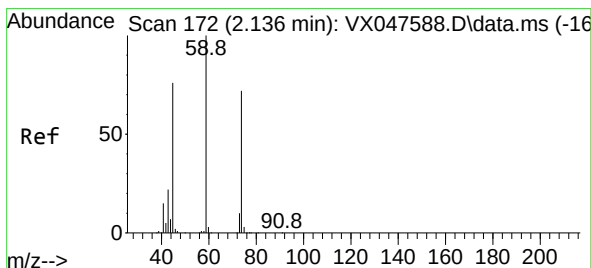
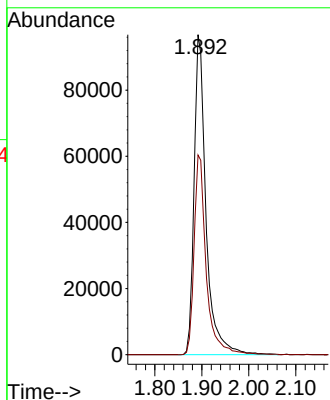
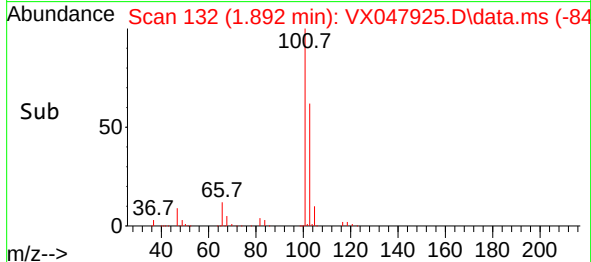
Instrument :
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Tgt Ion:101 Resp: 17147
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

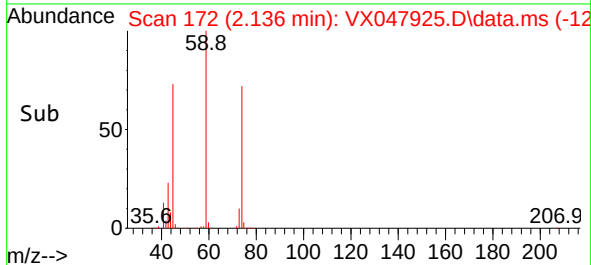
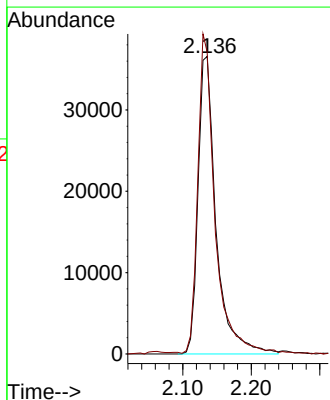
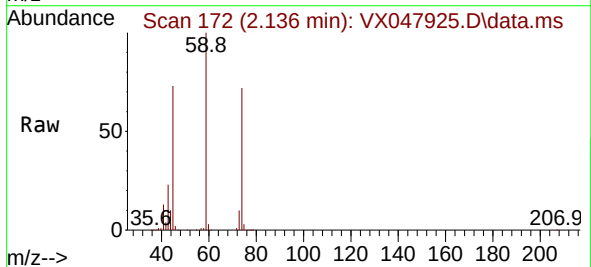
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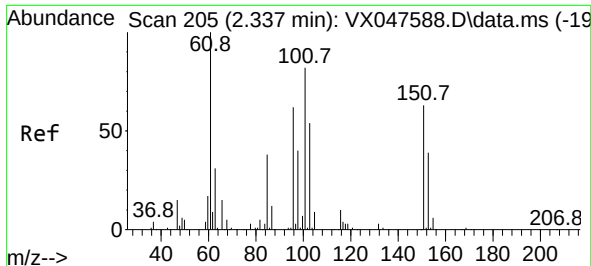
Reviewed By :John Carlone 10/03/2025
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#8
Diethyl Ether
Concen: 57.386 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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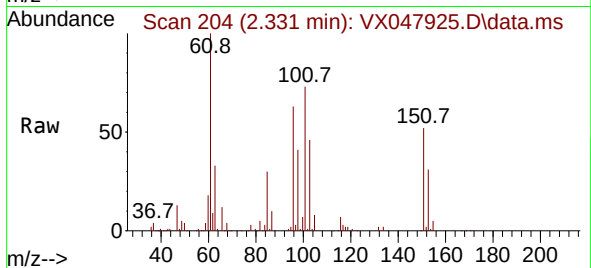
Tgt Ion: 74 Resp: 67159
Ion Ratio Lower Upper
74 100
45 103.2 52.3 156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.462 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

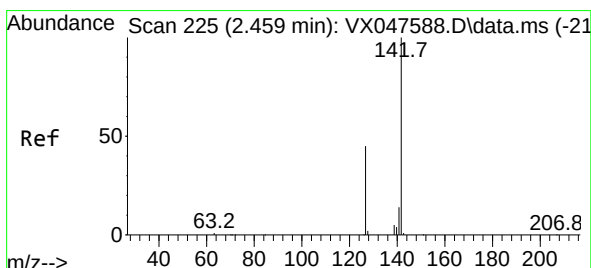
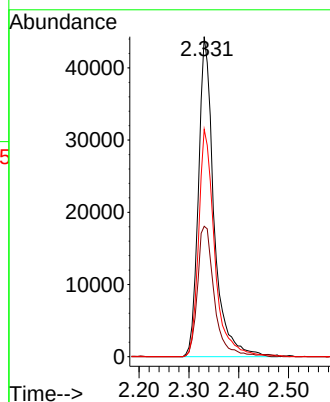
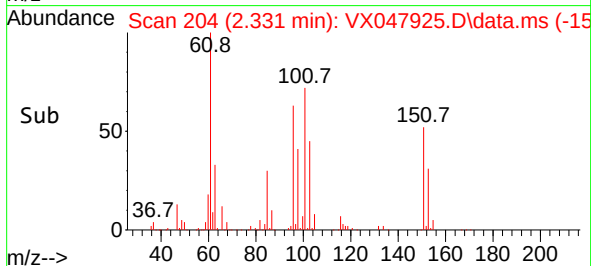
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



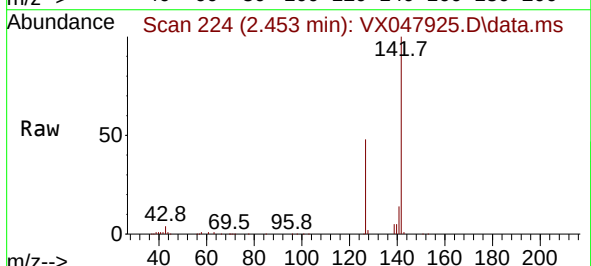
Tgt Ion:101 Resp: 96125
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 73.3 59.4 89.0

Manual Integrations
APPROVED

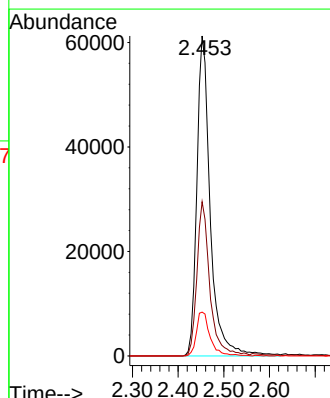
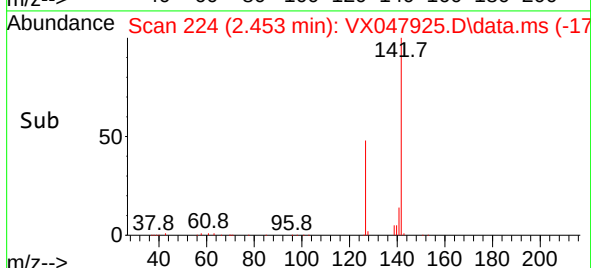
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

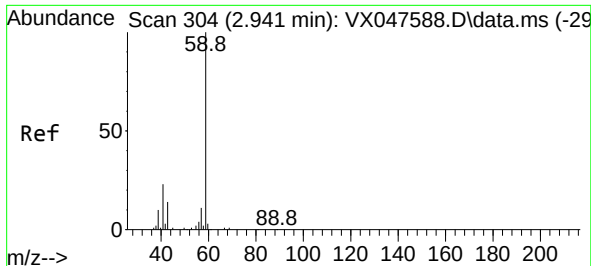


#10
Methyl Iodide
Concen: 47.798 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



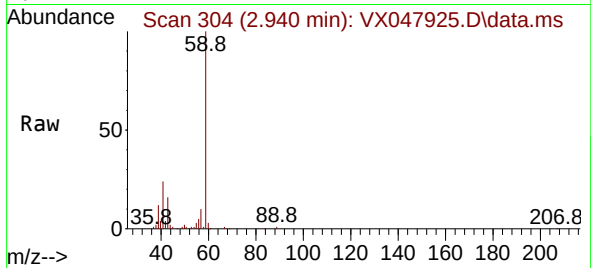
Tgt Ion:142 Resp: 124704
Ion Ratio Lower Upper
142 100
127 46.5 37.2 55.8
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 227.972 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

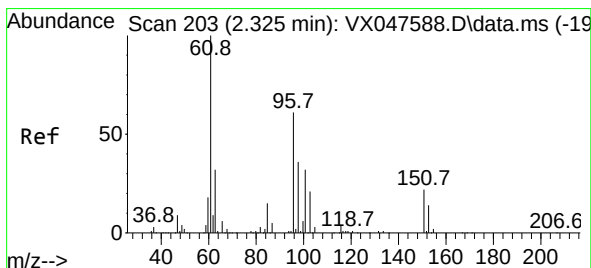
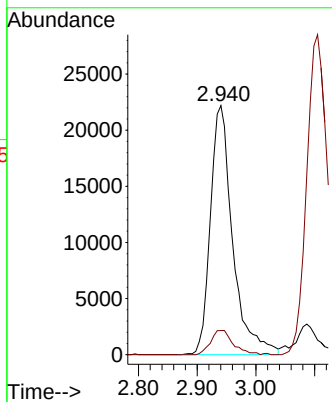
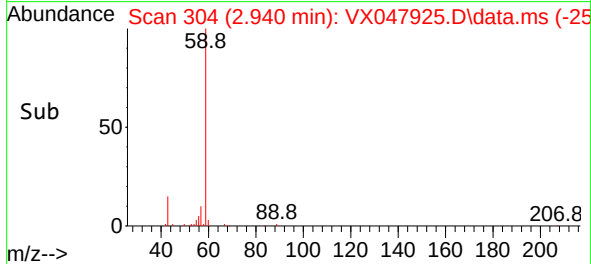
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



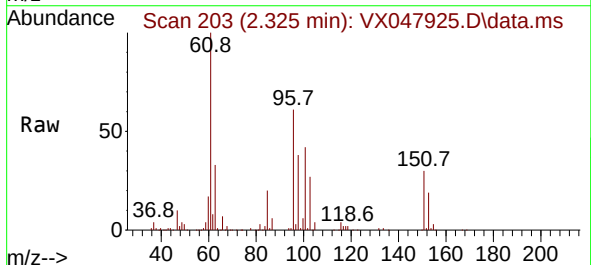
Tgt Ion: 59 Resp: 58452
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

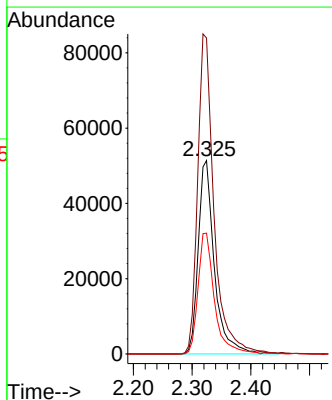
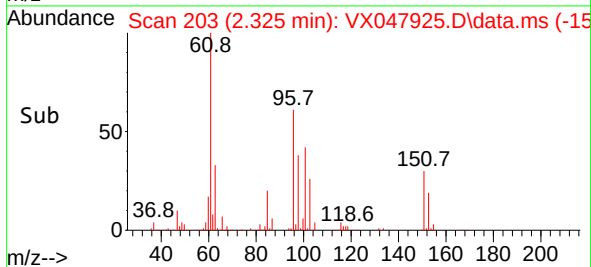
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

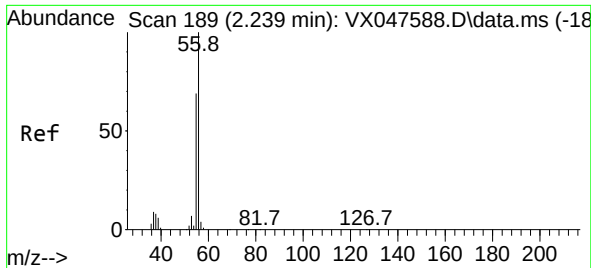


#12
1,1-Dichloroethene
Concen: 57.516 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



Tgt Ion: 96 Resp: 98833
Ion Ratio Lower Upper
96 100
61 163.3 131.0 196.6
98 62.4 47.7 71.5





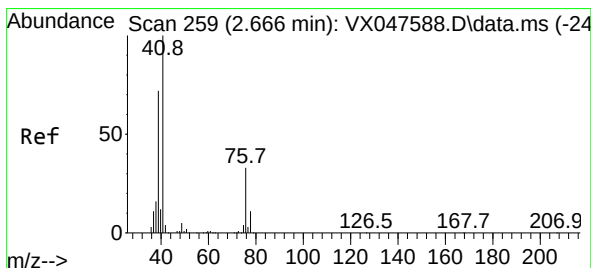
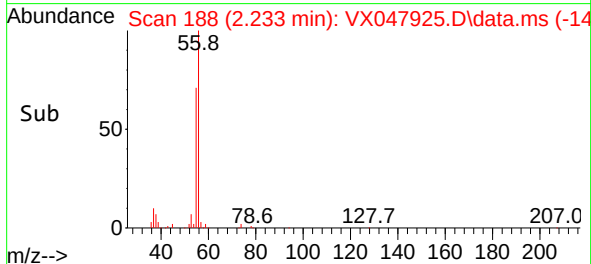
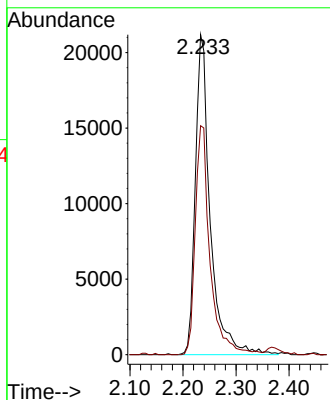
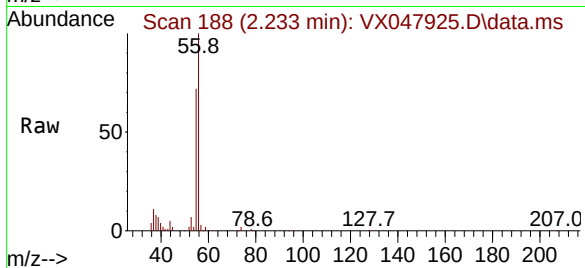
#13
Acrolein
Concen: 174.579 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 41249
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8

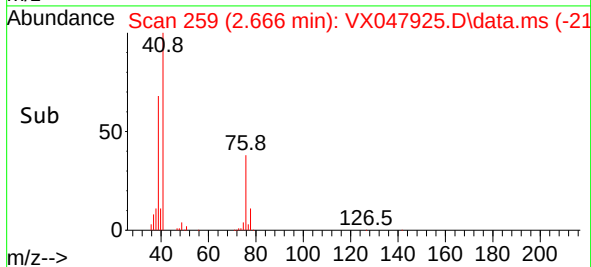
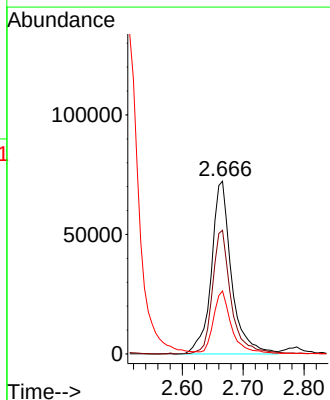
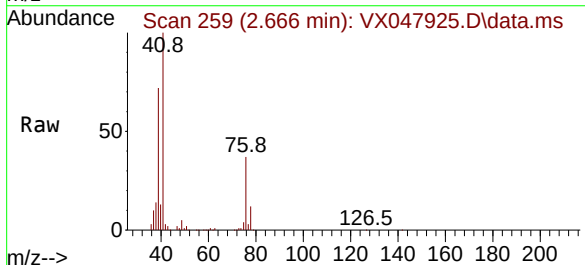
Manual Integrations
APPROVED

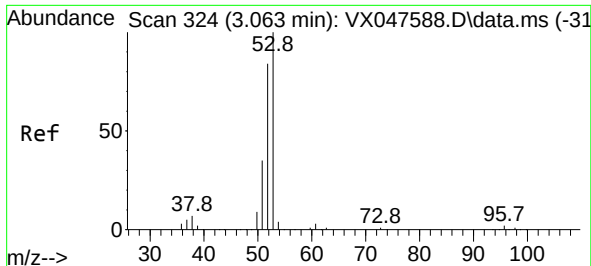
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 46.859 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

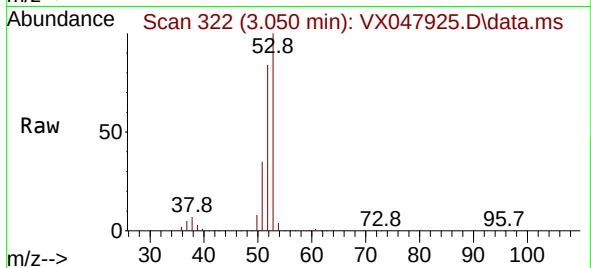
Tgt Ion: 41 Resp: 166158
Ion Ratio Lower Upper
41 100
39 66.2 54.7 82.1
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 283.637 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

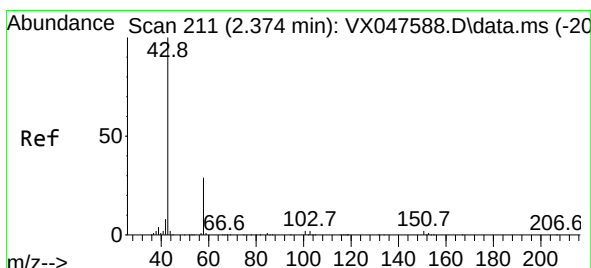
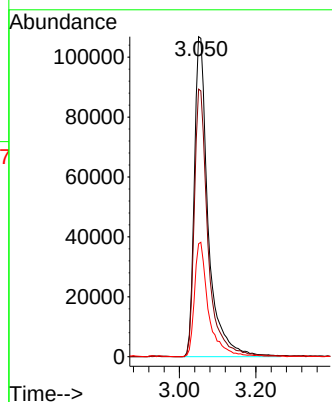
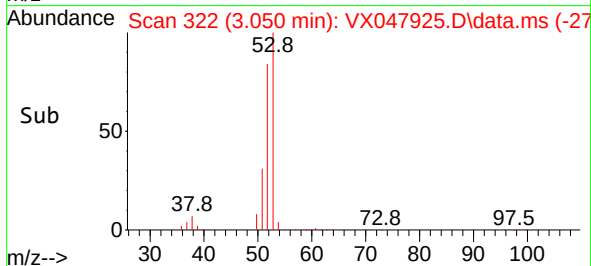
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 269370
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.5 29.5 44.3

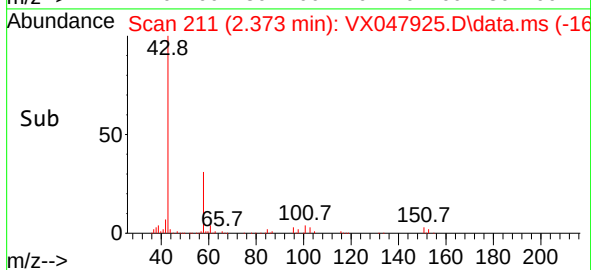
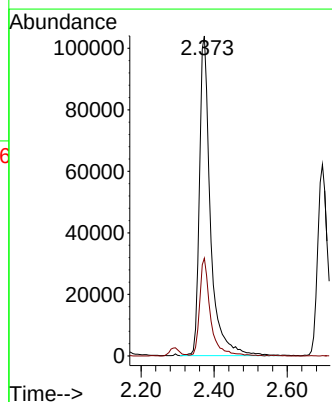
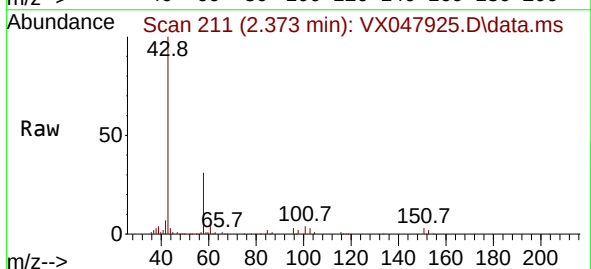
Manual Integrations
APPROVED

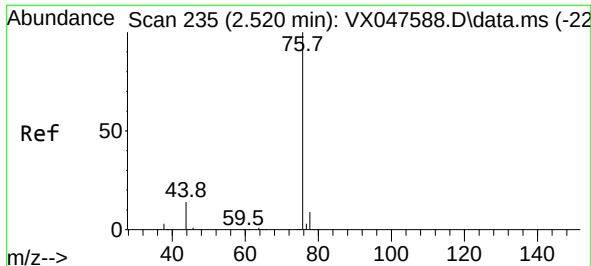
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 217.782 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 43 Resp: 217997
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0





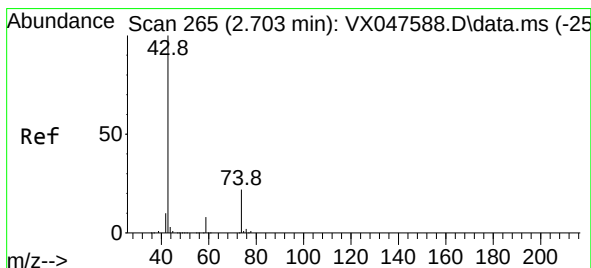
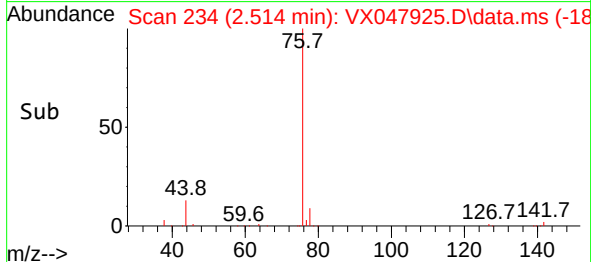
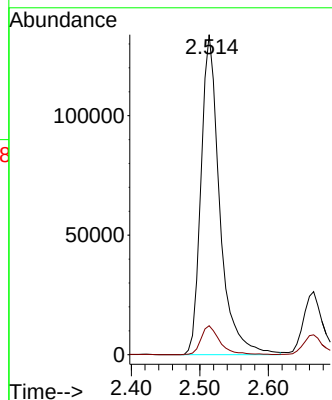
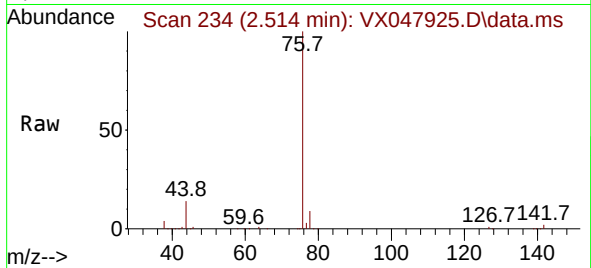
#17
Carbon Disulfide
Concen: 54.246 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25518
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

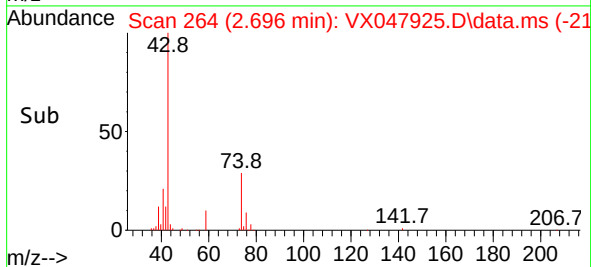
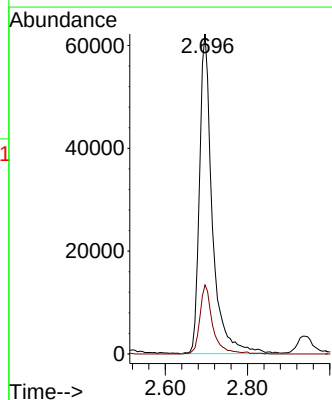
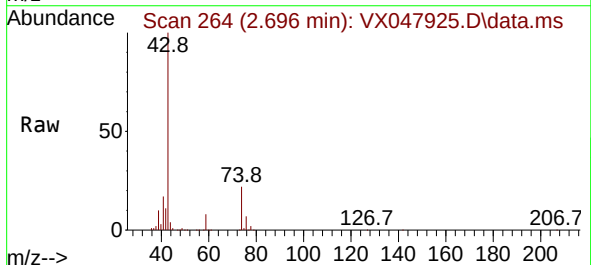
Manual Integrations
APPROVED

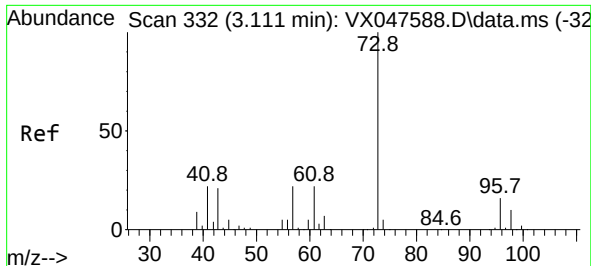
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 60.389 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 43 Resp: 134529
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 55.586 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 348678

Ion Ratio Lower Upper

73 100

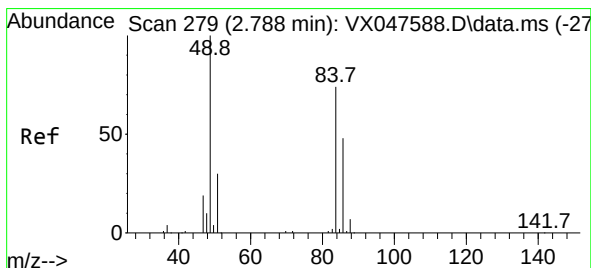
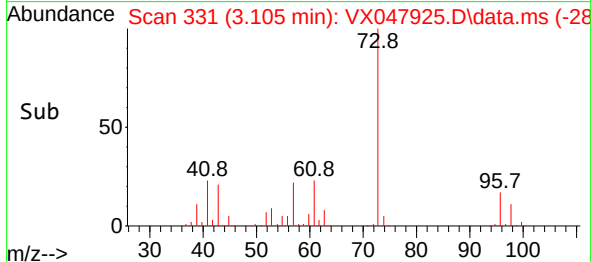
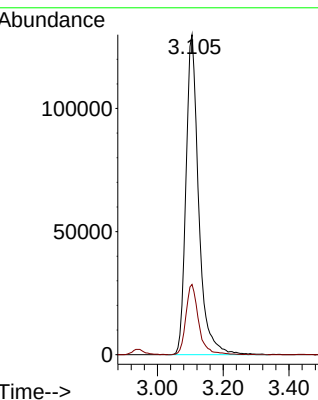
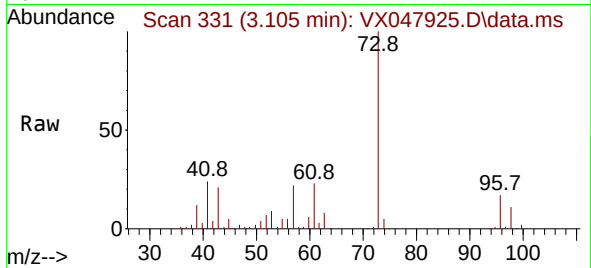
57 21.9 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#20

Methylene Chloride

Concen: 56.927 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Tgt Ion: 84 Resp: 120618

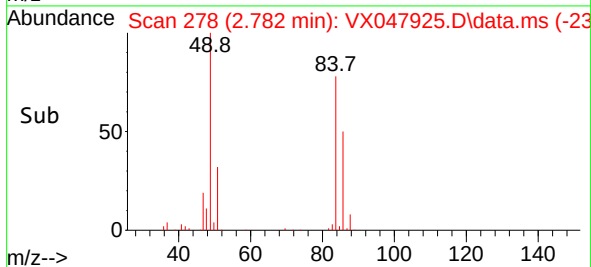
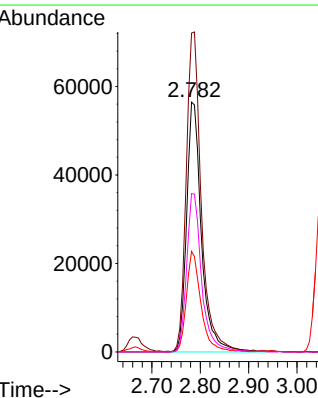
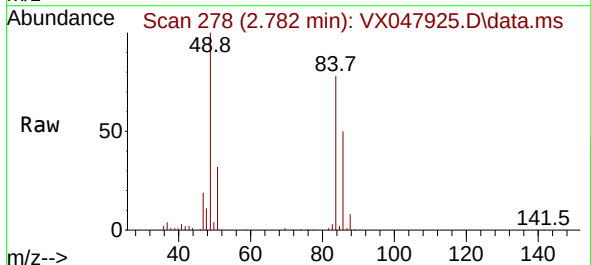
Ion Ratio Lower Upper

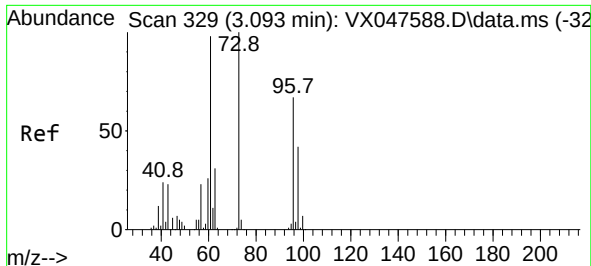
84 100

49 127.4 108.6 162.8

51 40.3 32.6 48.8

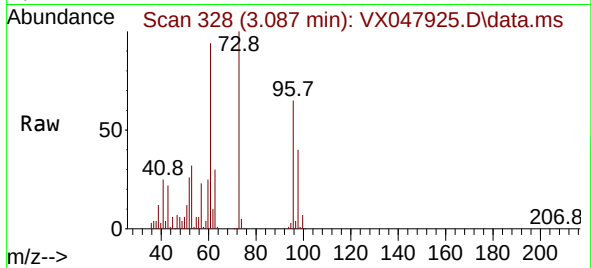
86 63.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 56.580 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

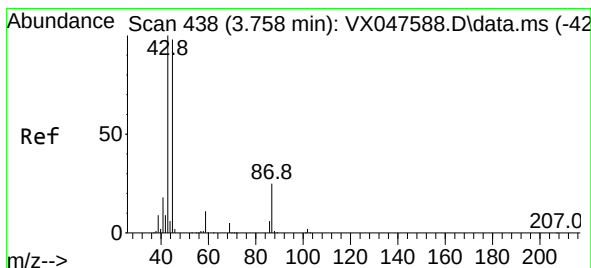
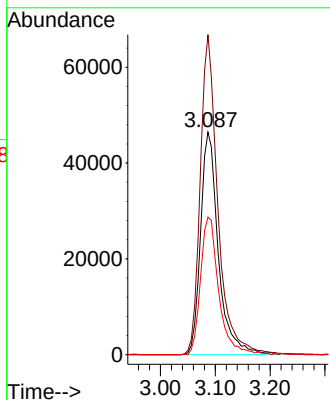
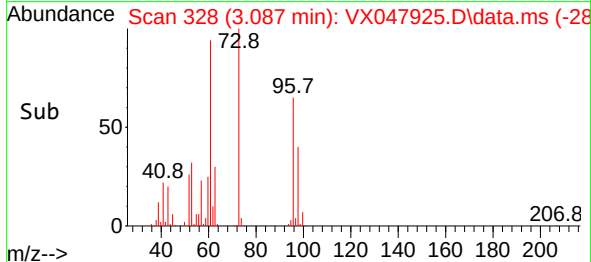
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 104674
Ion Ratio Lower Upper
96 100
61 143.7 116.2 174.2
98 63.7 49.3 73.9

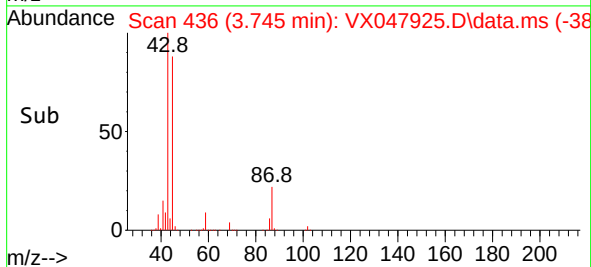
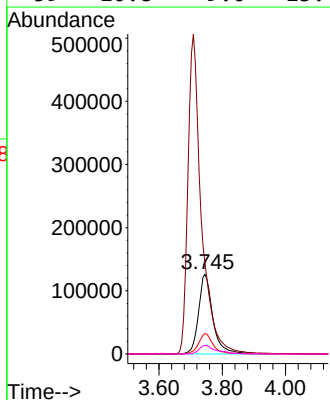
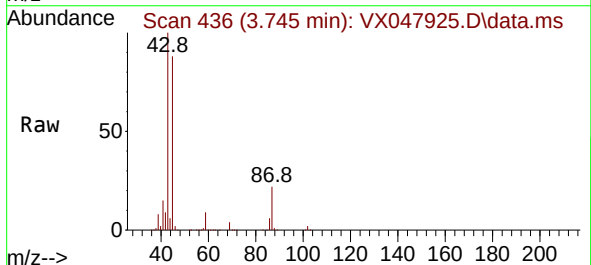
Manual Integrations
APPROVED

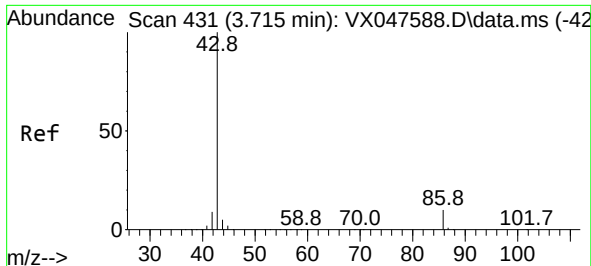
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 57.615 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 45 Resp: 395937
Ion Ratio Lower Upper
45 100
43 113.4 81.0 121.4
87 25.6 20.3 30.5
59 10.8 9.0 13.4





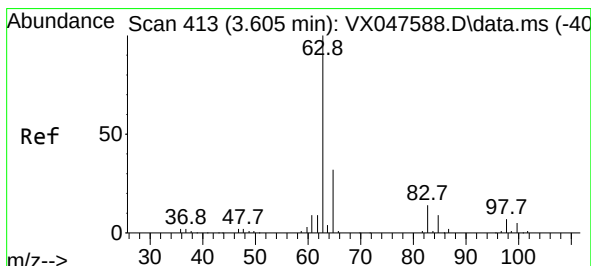
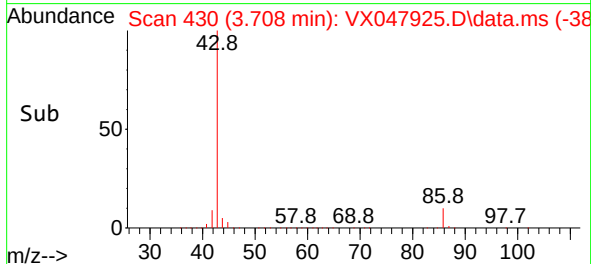
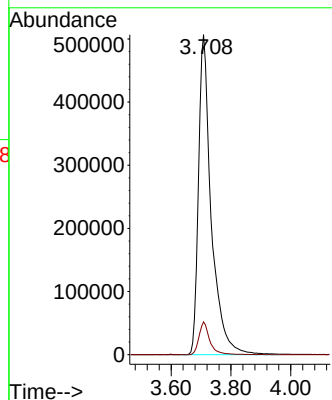
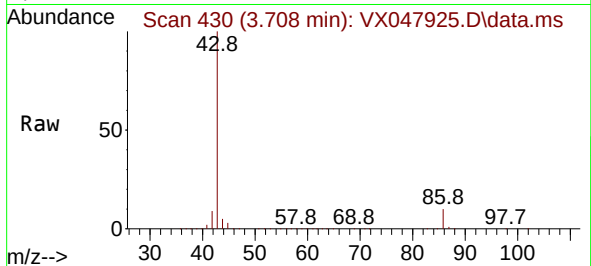
#23
 Vinyl Acetate
 Concen: 272.705 ug/l
 RT: 3.708 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047925.D
 Acq: 01 Oct 2025 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1499884
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

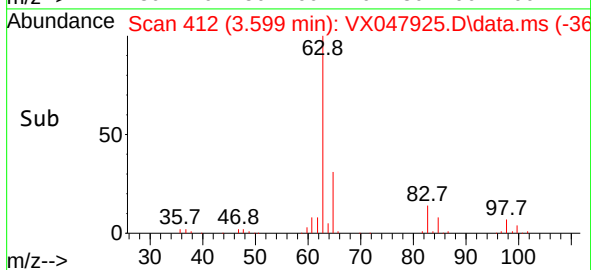
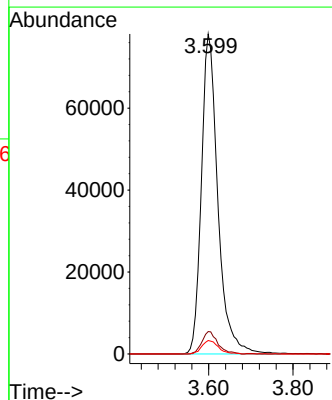
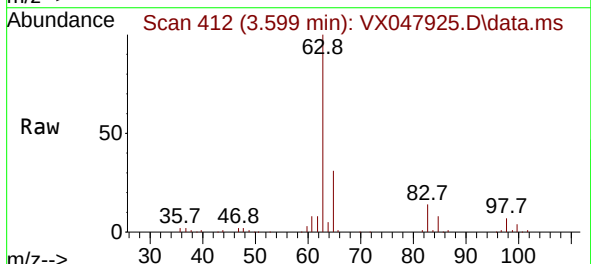
Manual Integrations
 APPROVED

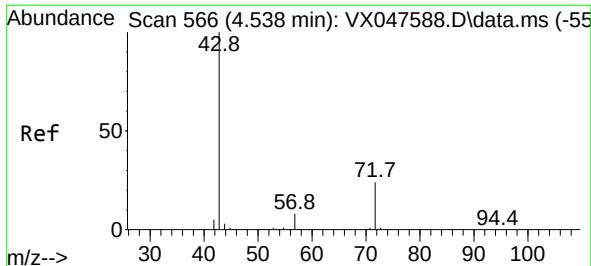
Reviewed By :John Carlone 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 58.077 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047925.D
 Acq: 01 Oct 2025 08:44

Tgt Ion: 63 Resp: 212129
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.4 2.3 6.9





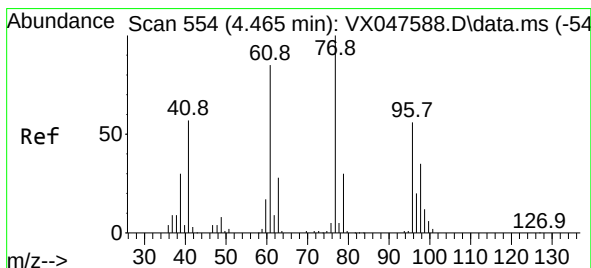
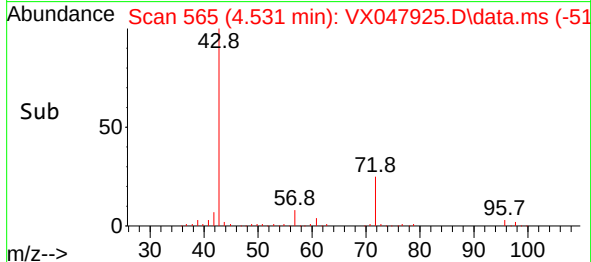
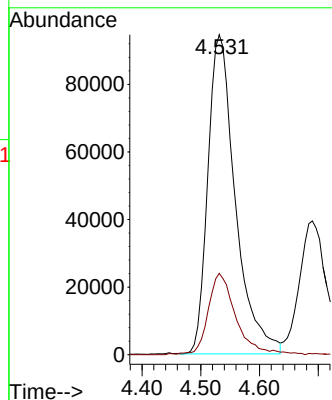
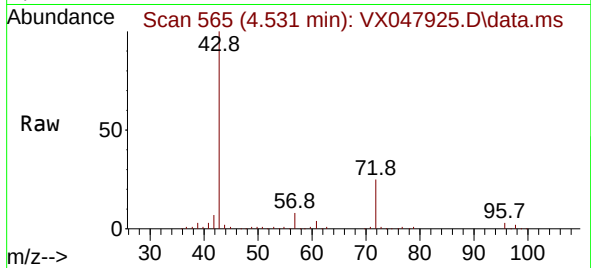
#25
2-Butanone
Concen: 245.974 ug/l
RT: 4.531 min Scan# 501
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 307124
Ion Ratio Lower Upper
43 100
72 24.8 20.1 30.1

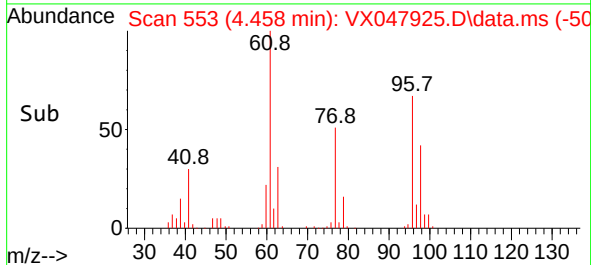
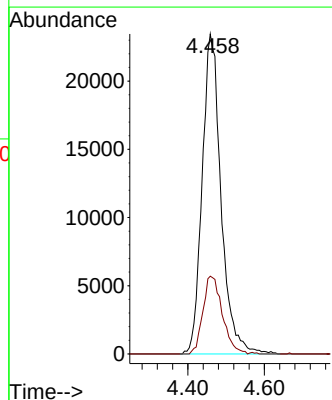
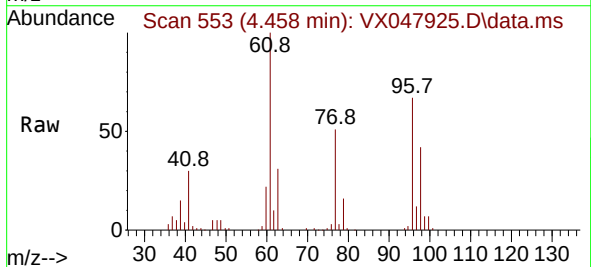
Manual Integrations
APPROVED

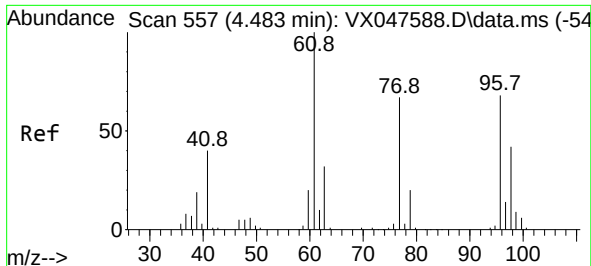
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 26.480 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 77 Resp: 80398
Ion Ratio Lower Upper
77 100
97 24.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 55.037 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 12469

Ion Ratio Lower Upper

96 100

61 142.8 0.0 303.2

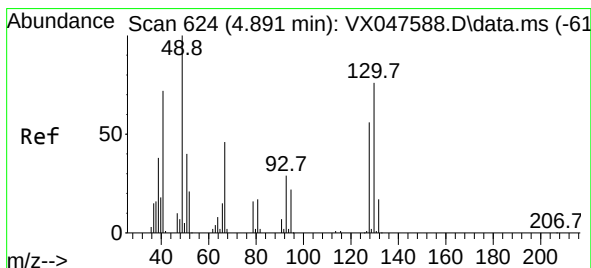
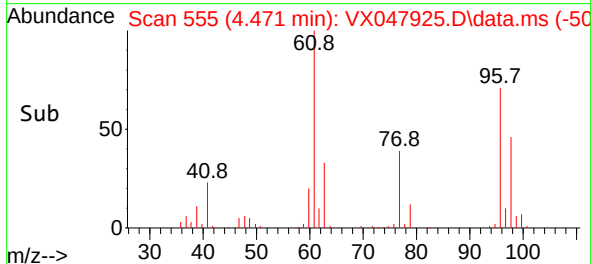
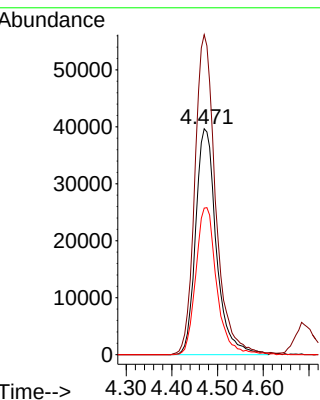
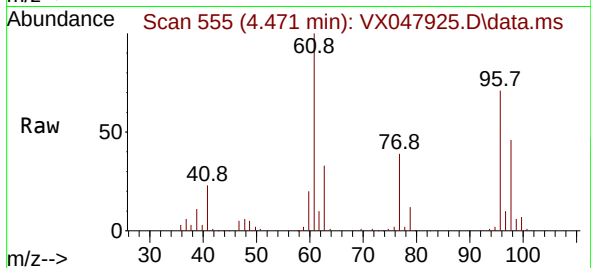
98 65.8 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#28

Bromochloromethane

Concen: 63.766 ug/l

RT: 4.873 min Scan# 621

Delta R.T. -0.019 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

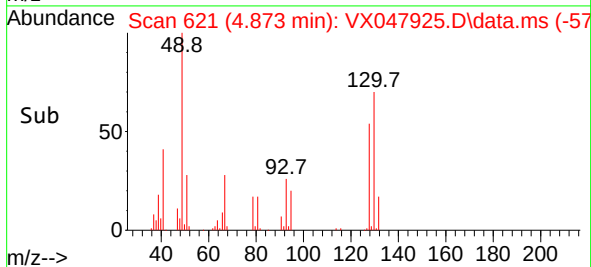
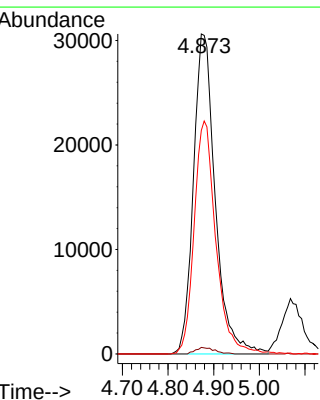
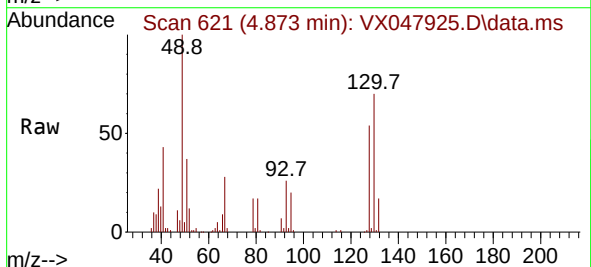
Tgt Ion: 49 Resp: 101680

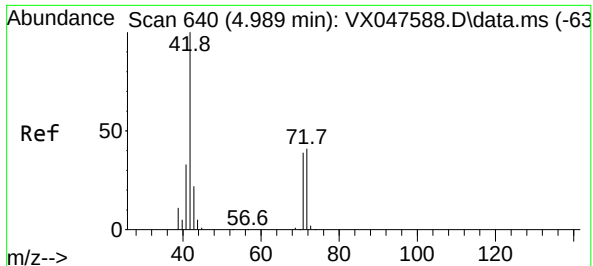
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 261.737 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047925.D

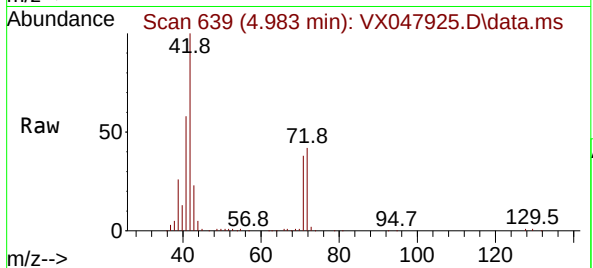
Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 19659

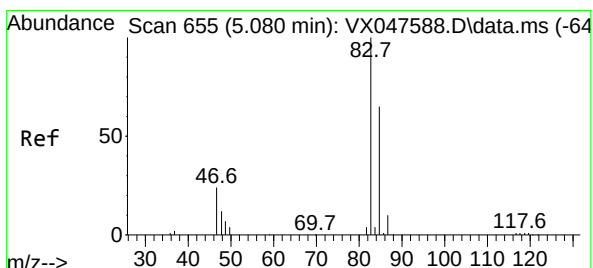
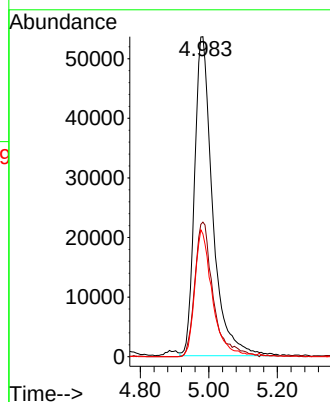
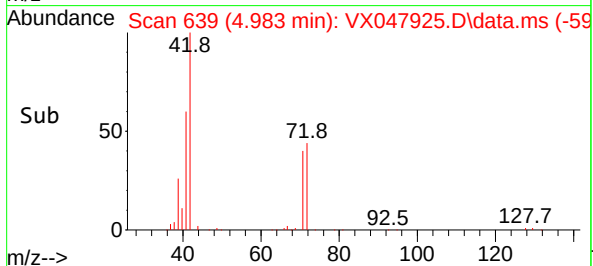
Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.2	51.2
71	38.8	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 58.176 ug/l

RT: 5.074 min Scan# 654

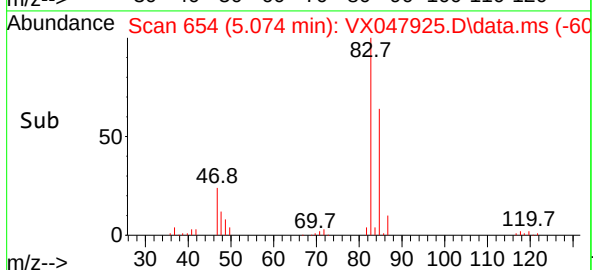
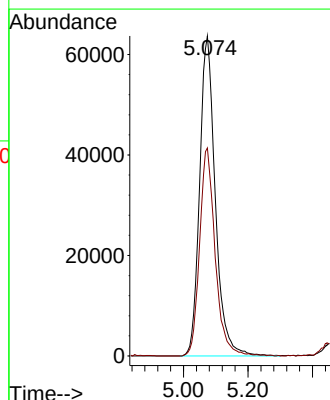
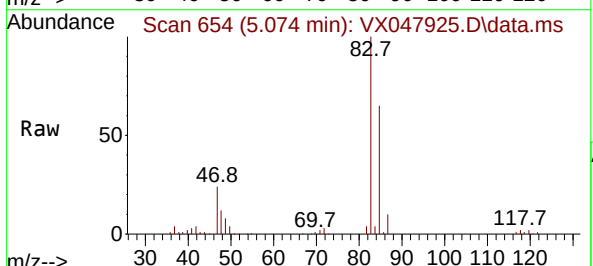
Delta R.T. -0.006 min

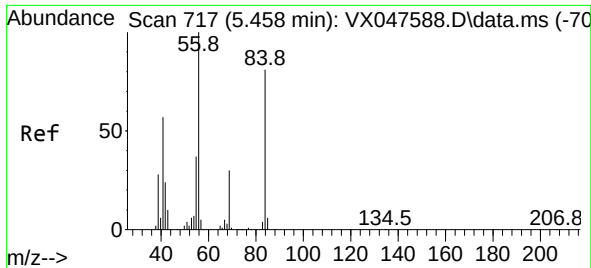
Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Tgt Ion: 83 Resp: 214728

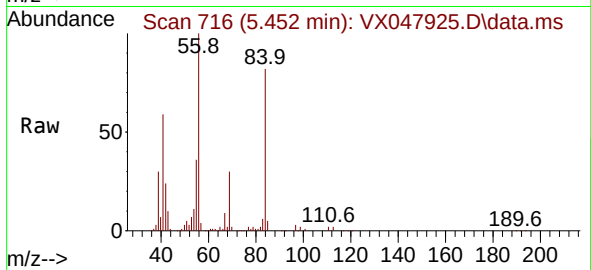
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





#31
Cyclohexane
Concen: 50.000 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

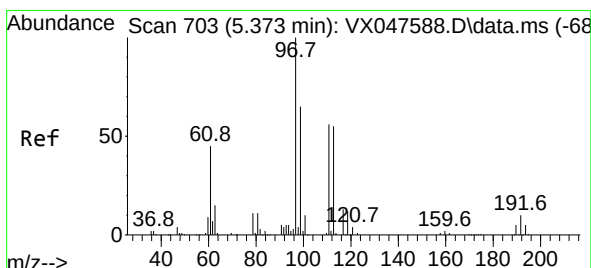
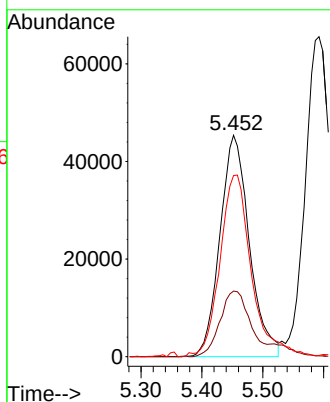
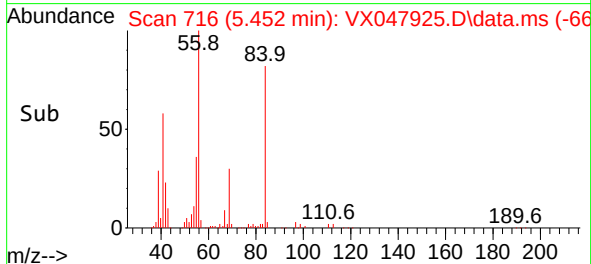
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 152100
Ion Ratio Lower Upper
56 100
69 29.3 23.8 35.8
84 81.6 64.6 97.0

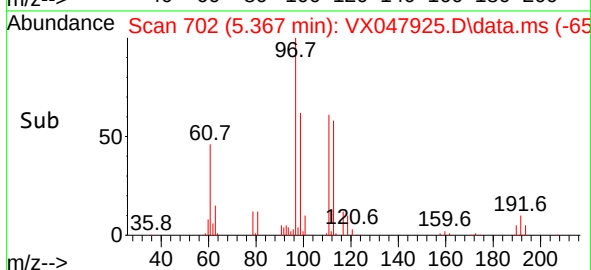
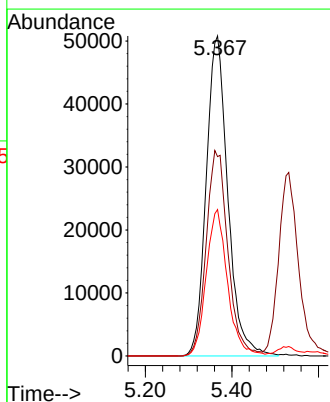
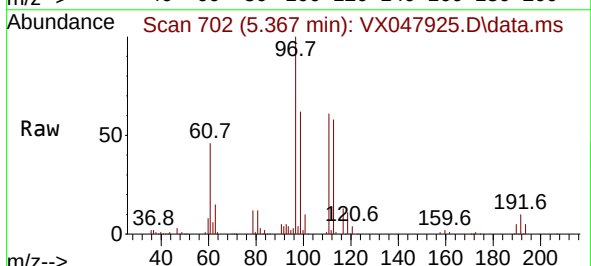
Manual Integrations
APPROVED

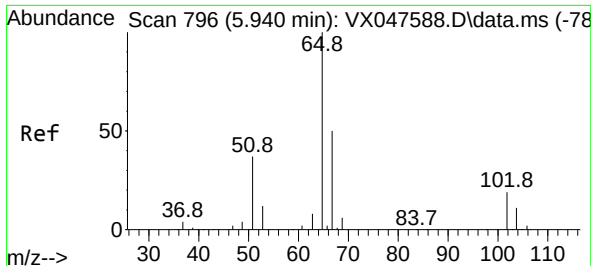
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 56.279 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 97 Resp: 176197
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.160 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12468

Ion Ratio Lower Upper

65 100

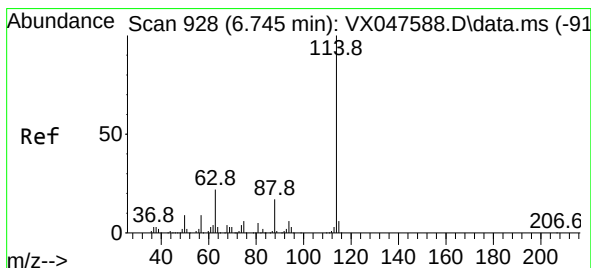
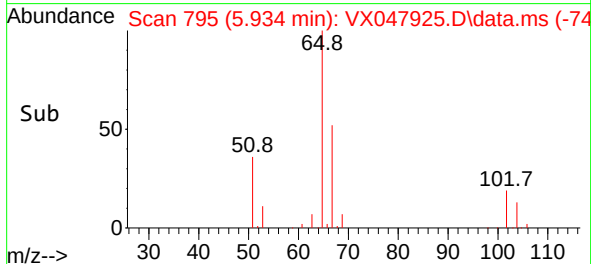
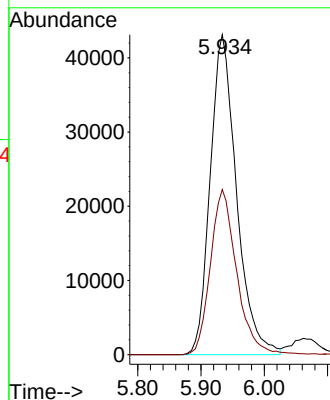
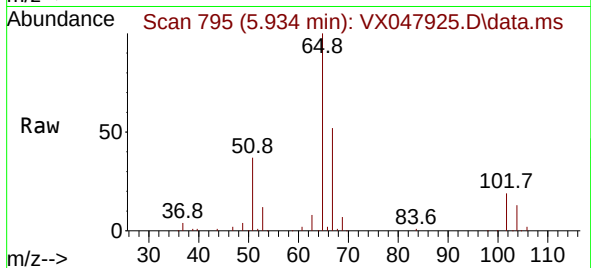
67 51.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.738 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

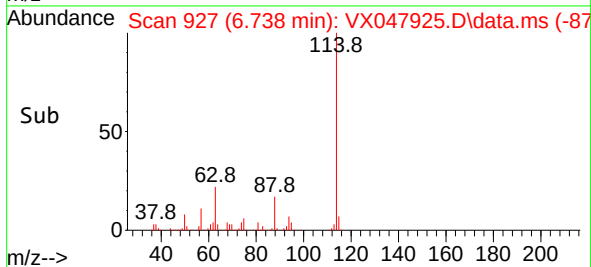
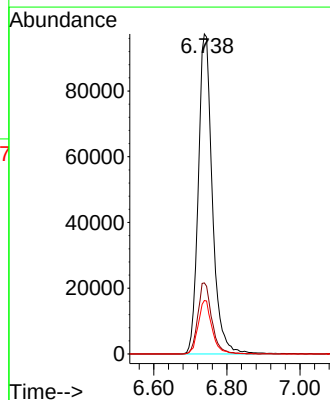
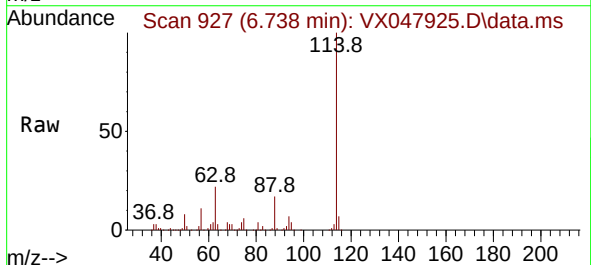
Tgt Ion:114 Resp: 260134

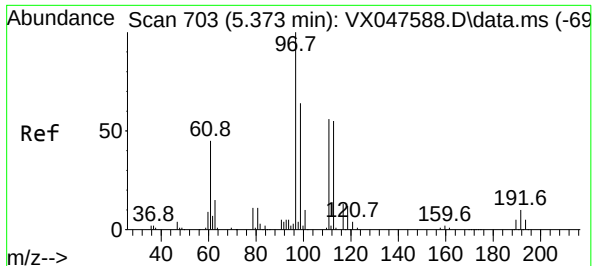
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 56.326 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

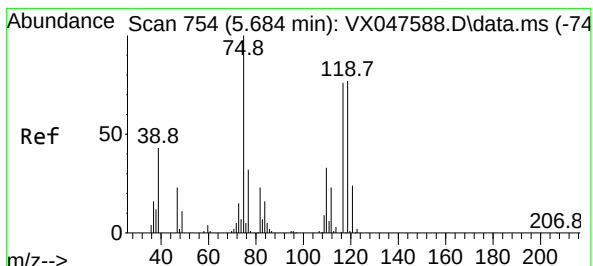
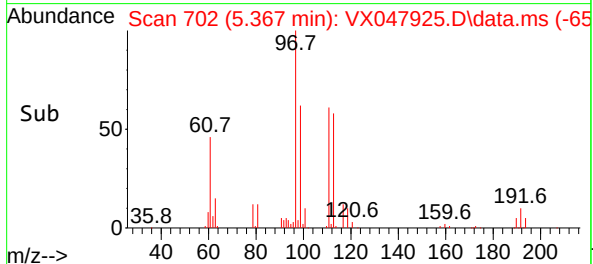
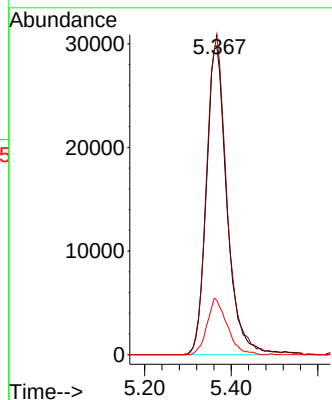
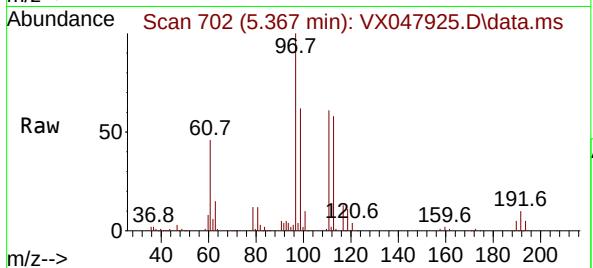
Tgt Ion:	113	Resp:	9826
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	17.8	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#36

1,1-Dichloropropene

Concen: 51.260 ug/l

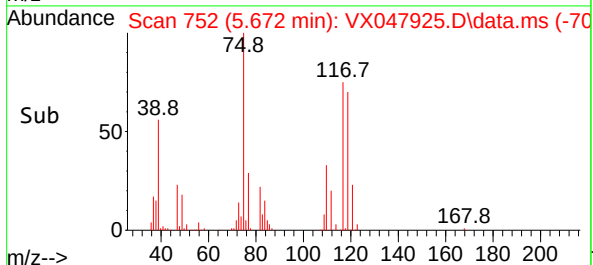
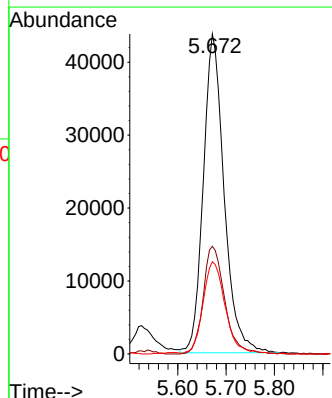
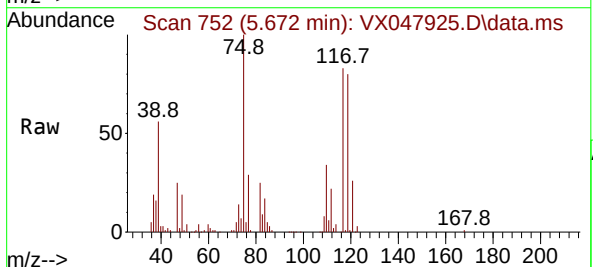
RT: 5.672 min Scan# 752

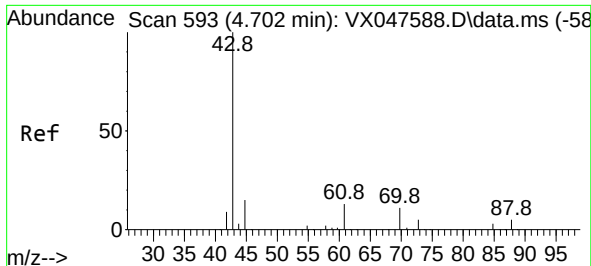
Delta R.T. -0.012 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Tgt Ion:	75	Resp:	130677
Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	30.6	24.3	36.5





#37

Ethyl Acetate

Concen: 49.140 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13413

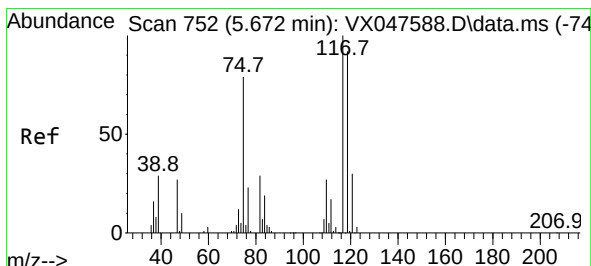
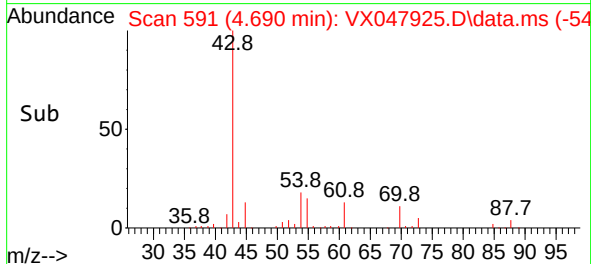
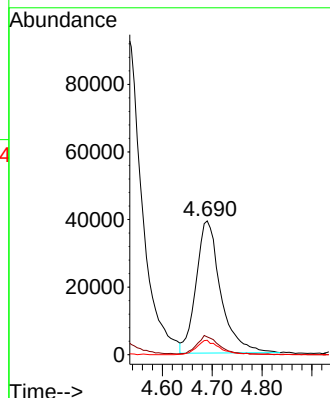
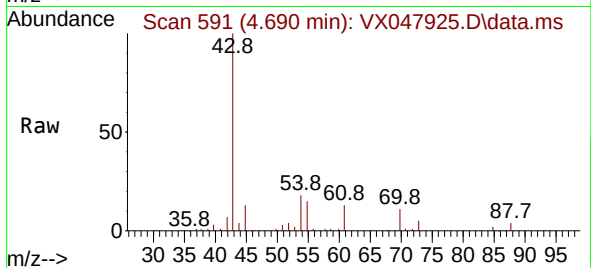
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	10.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 53.104 ug/l

RT: 5.659 min Scan# 750

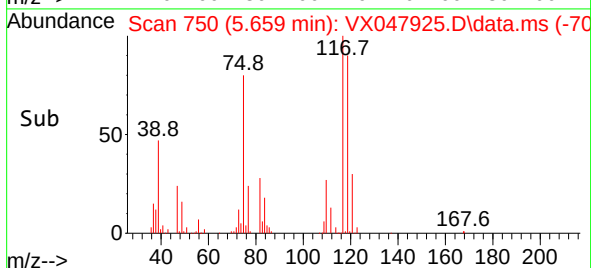
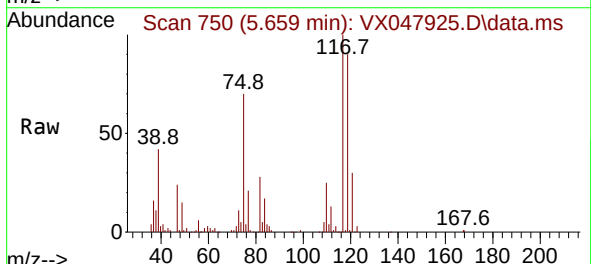
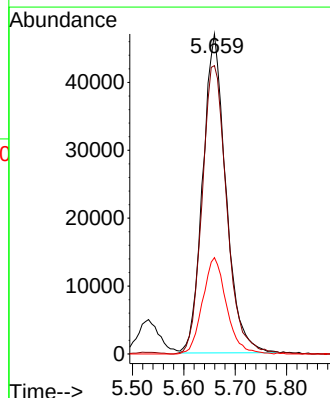
Delta R.T. -0.012 min

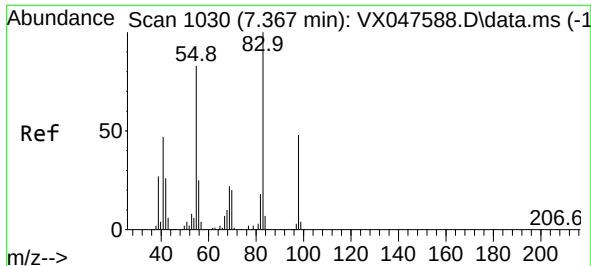
Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Tgt Ion:117 Resp: 147089

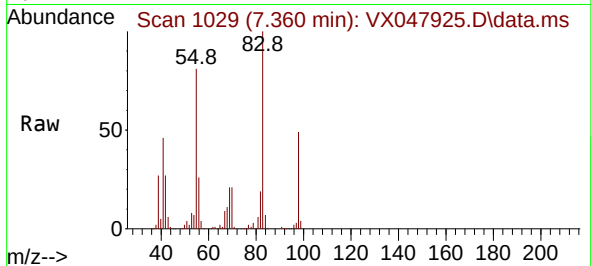
Ion	Ratio	Lower	Upper
117	100		
119	90.2	73.4	110.2
121	30.1	23.8	35.6





#39
Methylcyclohexane
Concen: 47.876 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

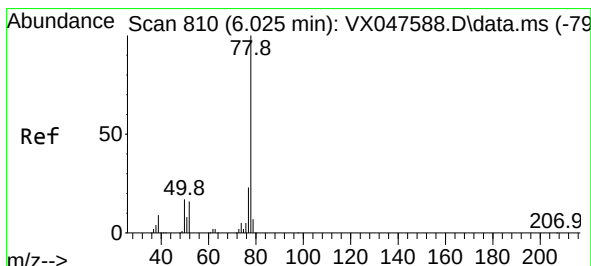
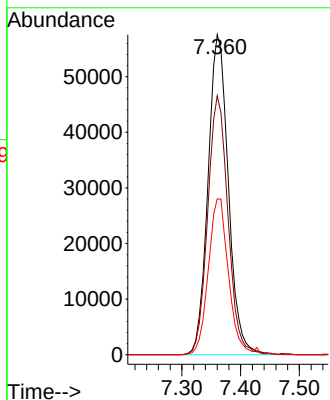
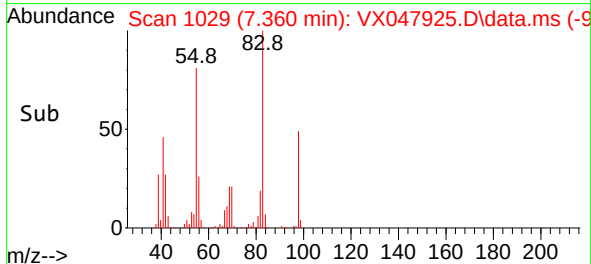
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13854
Ion Ratio Lower Upper
83 100
55 80.9 66.4 99.6
98 48.7 38.1 57.1

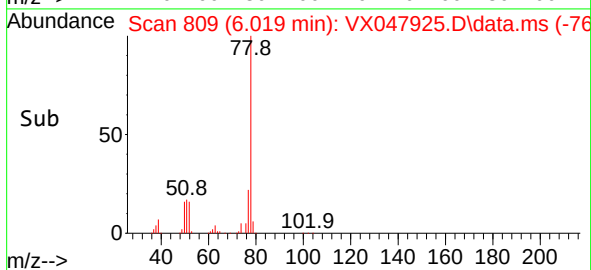
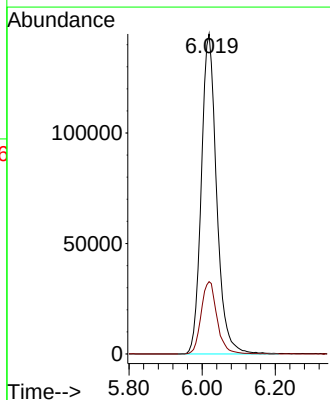
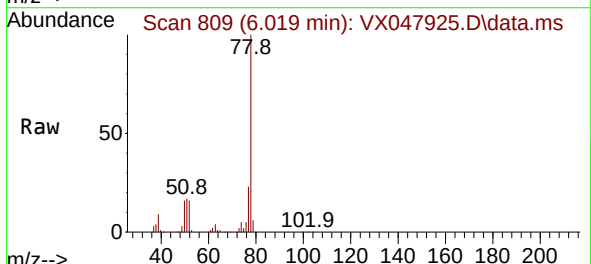
Manual Integrations
APPROVED

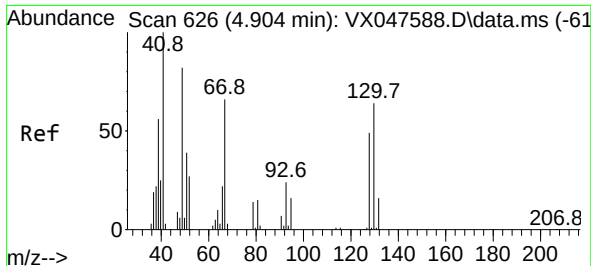
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#40
Benzene
Concen: 54.405 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

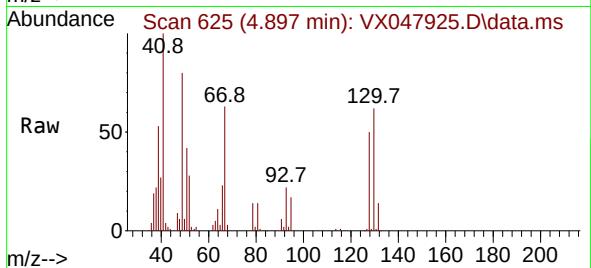
Tgt Ion: 78 Resp: 421247
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#41
Methacrylonitrile
Concen: 52.746 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

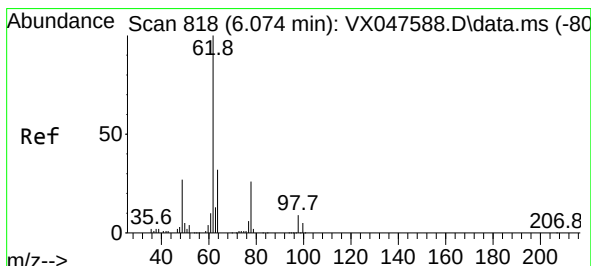
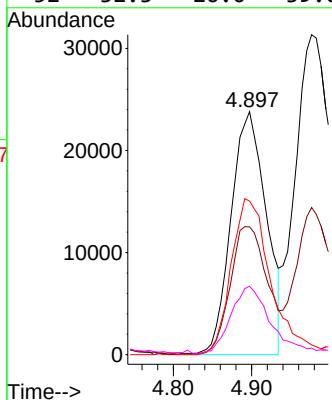
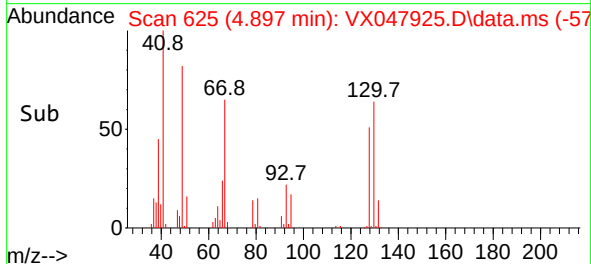
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 74320
Ion Ratio Lower Upper
41 100
39 54.1 43.3 64.9
67 71.9 58.6 87.8
52 32.3 26.0 39.0

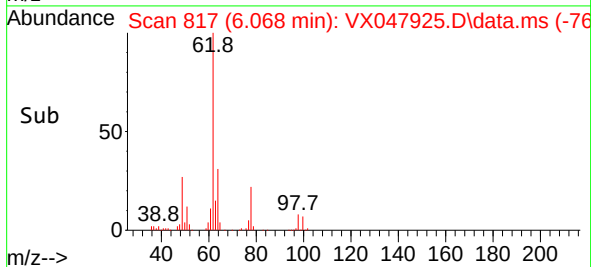
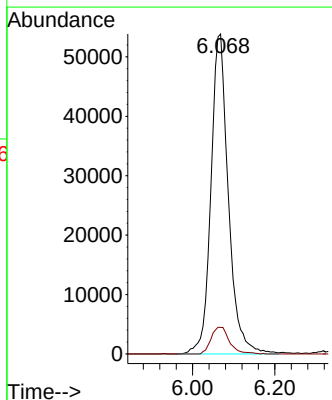
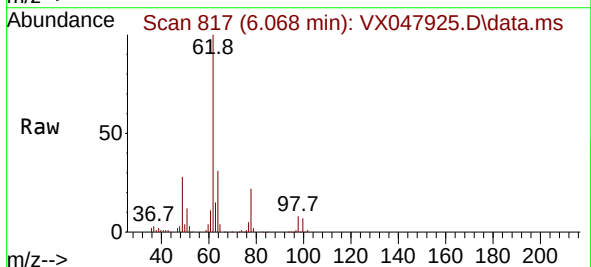
Manual Integrations
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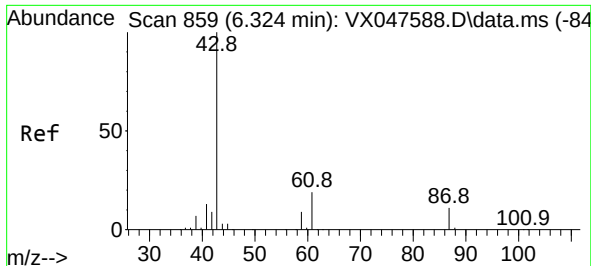
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 53.834 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

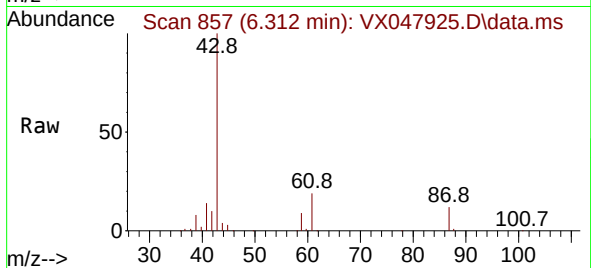
Tgt Ion: 62 Resp: 158595
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0





#43
Isopropyl Acetate
Concen: 50.267 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

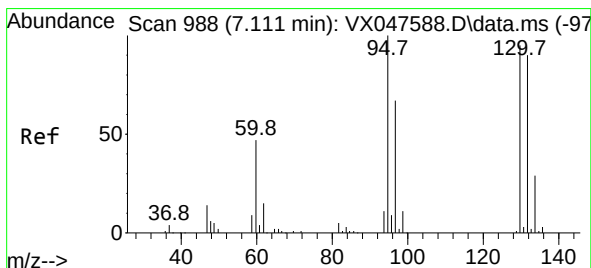
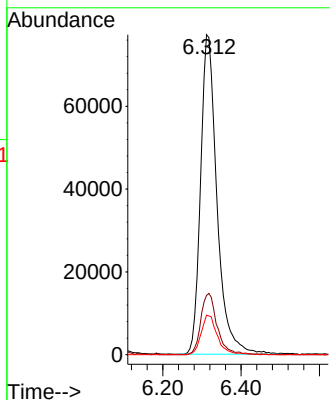
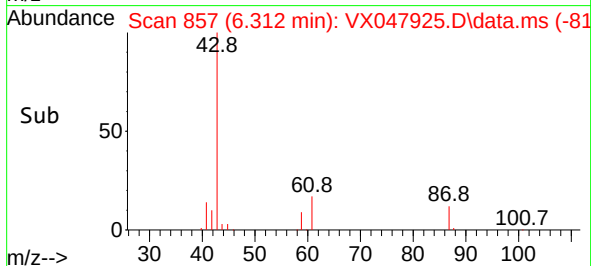
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22502
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.2 9.6 14.4

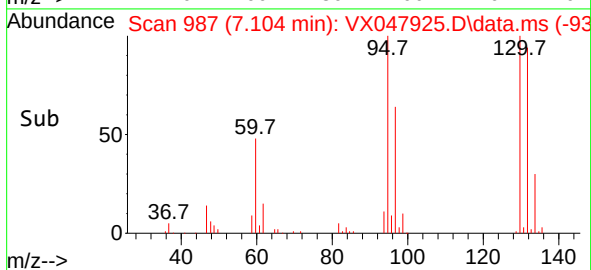
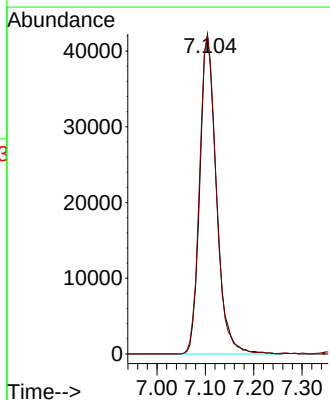
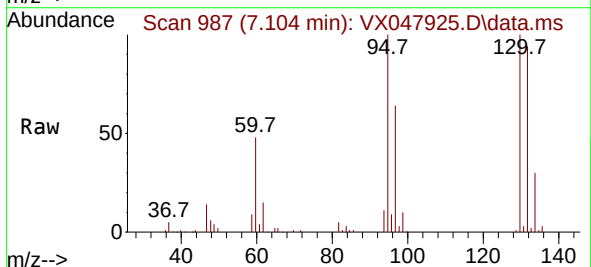
Manual Integrations
APPROVED

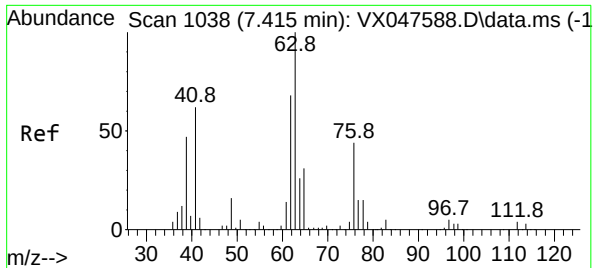
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 53.557 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion:130 Resp: 100254
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.8





#45

1,2-Dichloropropane

Concen: 55.275 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 109590

Ion Ratio Lower Upper

63 100

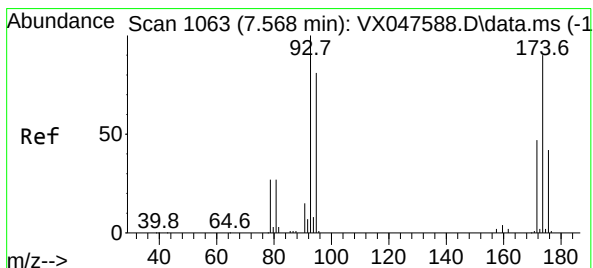
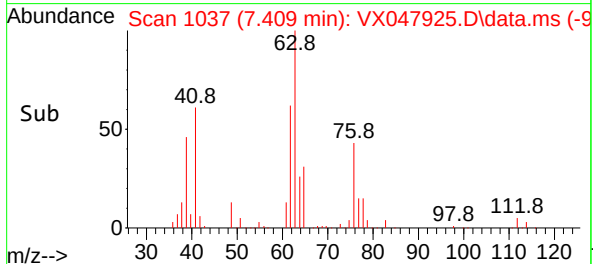
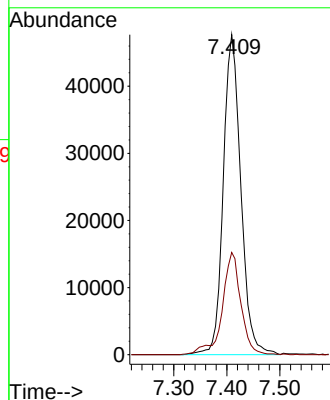
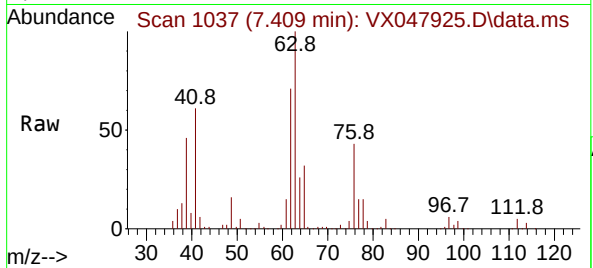
65 32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 54.318 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

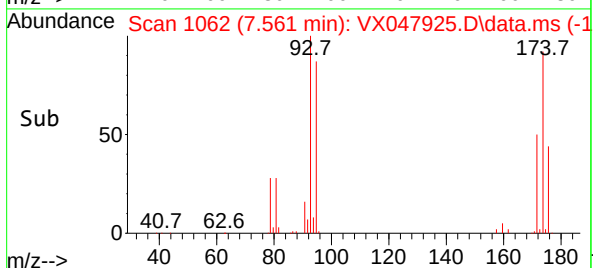
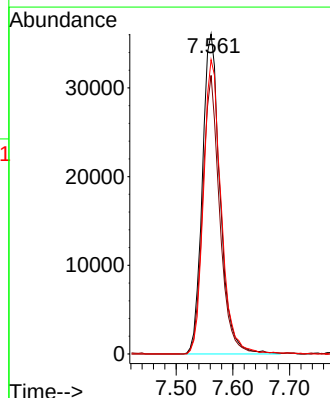
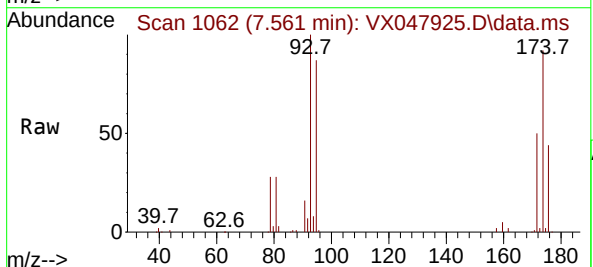
Tgt Ion: 93 Resp: 78369

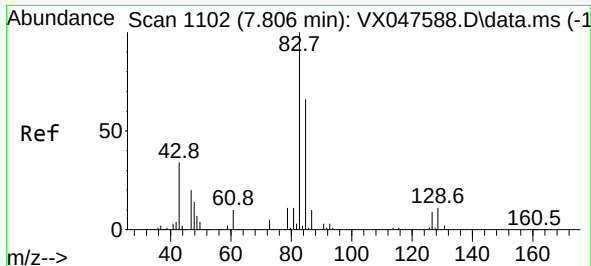
Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.6

174 91.9 71.6 107.4





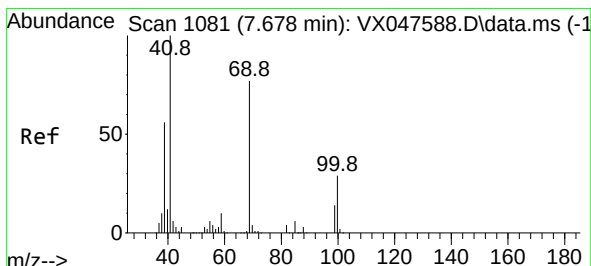
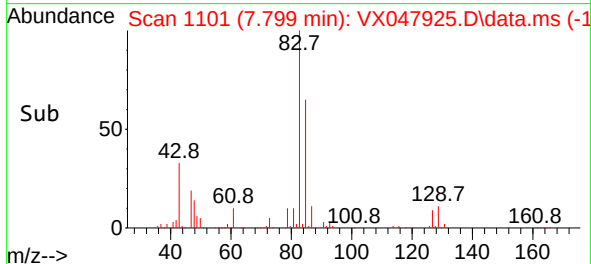
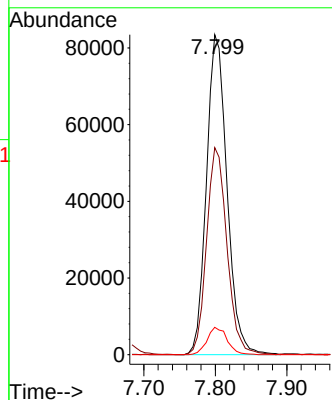
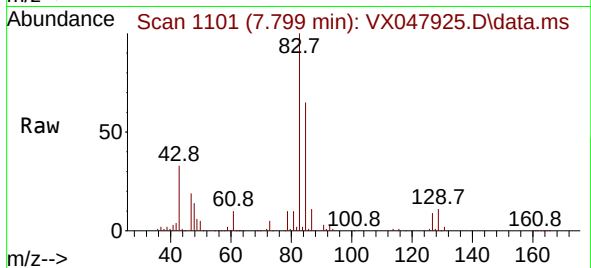
#47
Bromodichloromethane
Concen: 55.951 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 166580
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 8.6 6.9 10.3

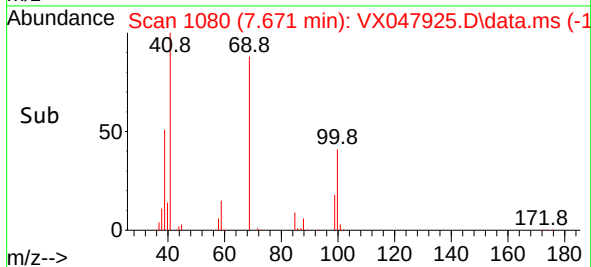
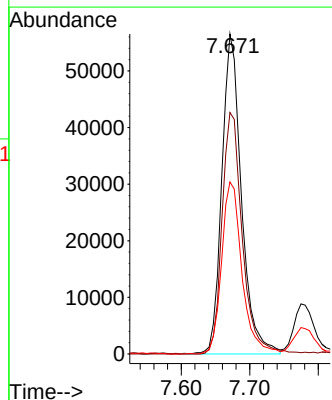
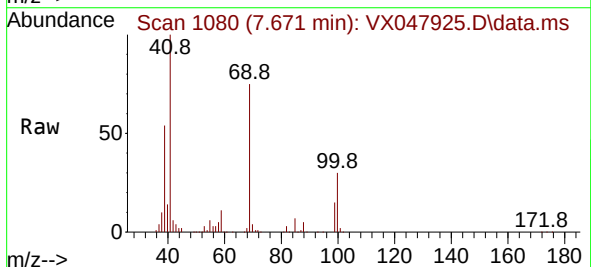
Manual Integrations
APPROVED

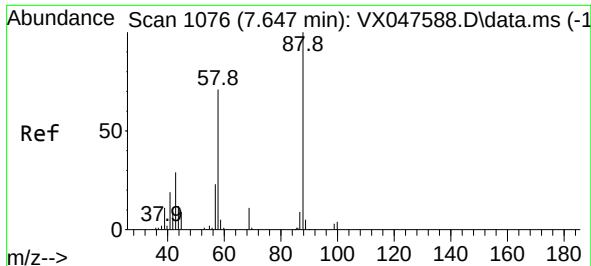
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 50.270 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

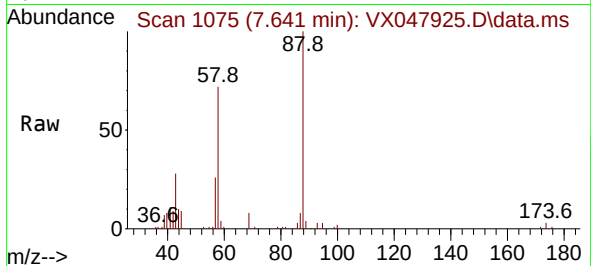
Tgt Ion: 41 Resp: 112094
Ion Ratio Lower Upper
41 100
69 78.0 61.4 92.2
39 55.9 45.8 68.6





#49
1,4-Dioxane
Concen: 1209.803 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

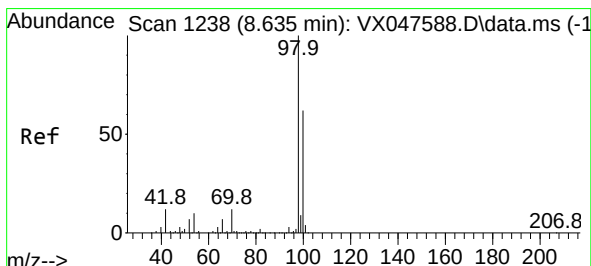
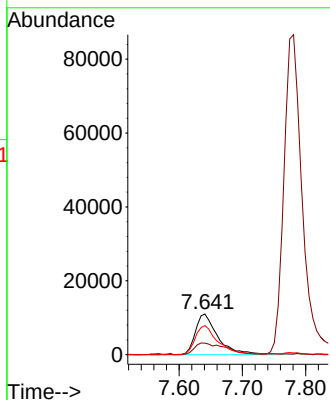
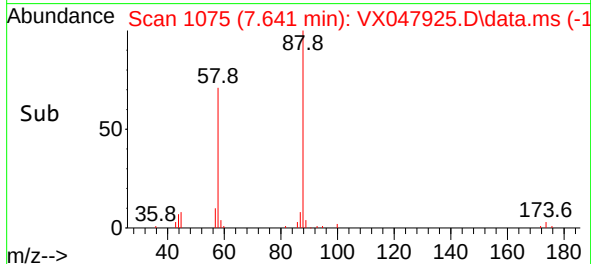
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2726
Ion Ratio Lower Upper
88 100
43 37.6 30.2 45.2
58 73.7 59.5 89.3

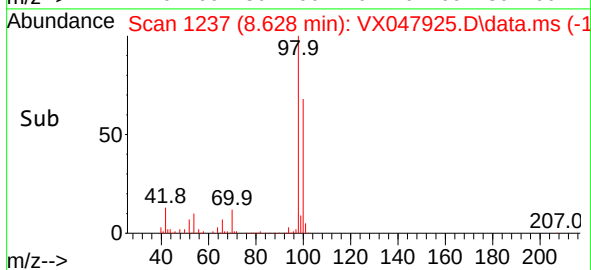
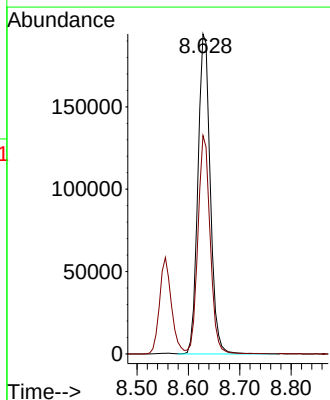
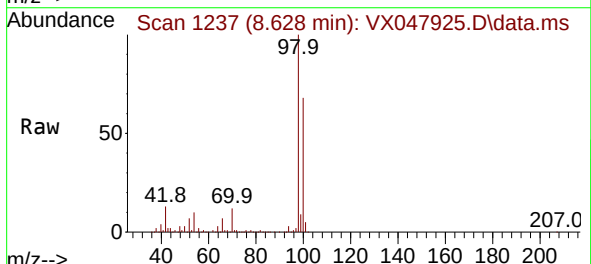
Manual Integrations
APPROVED

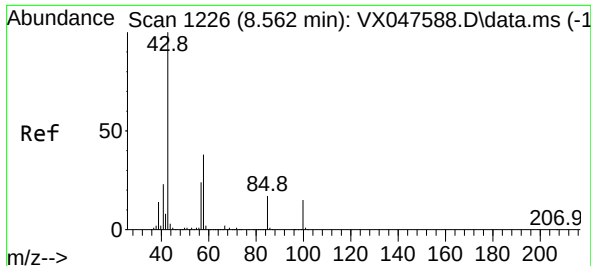
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#50
Toluene-d8
Concen: 53.732 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 98 Resp: 324365
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.4





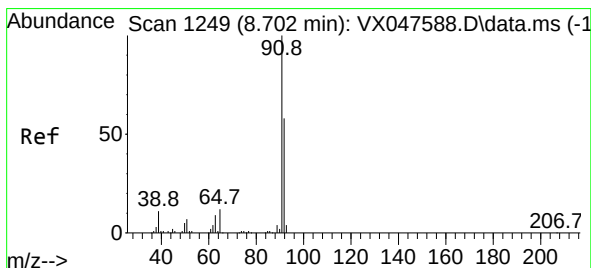
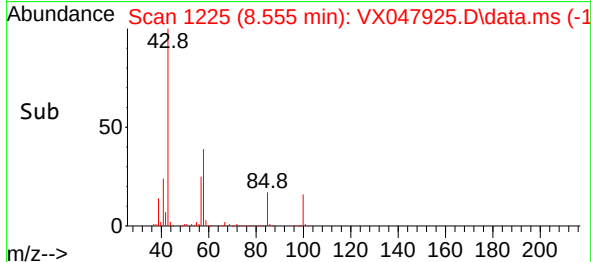
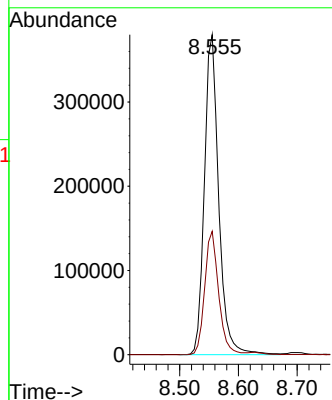
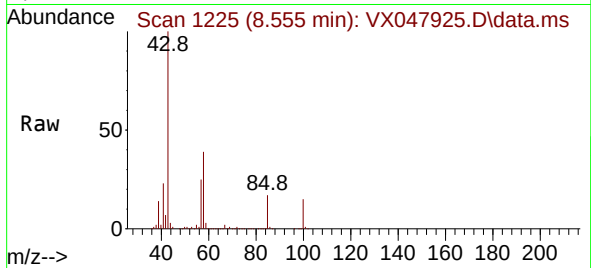
#51
4-Methyl-2-Pentanone
Concen: 258.676 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 64204
Ion Ratio Lower Upper
43 100
58 37.6 30.3 45.5

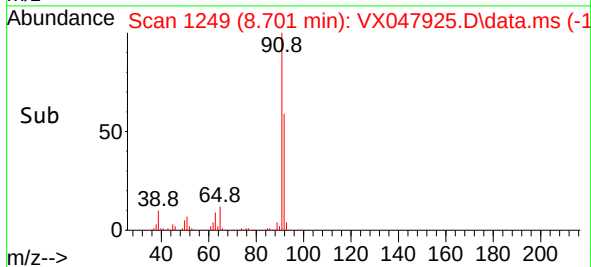
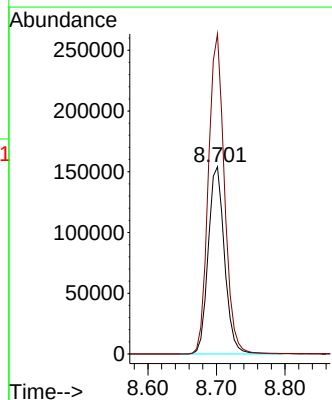
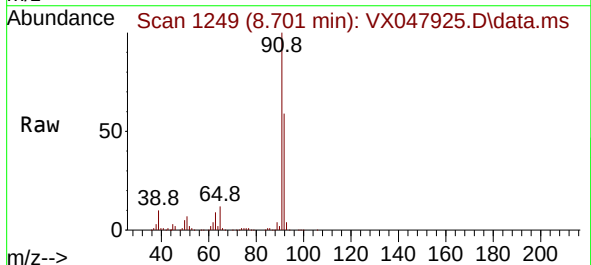
Manual Integrations
APPROVED

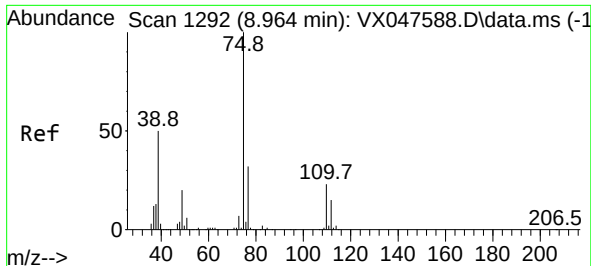
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 53.340 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 92 Resp: 254447
Ion Ratio Lower Upper
92 100
91 169.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 47.710 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 144880

Ion Ratio Lower Upper

75 100

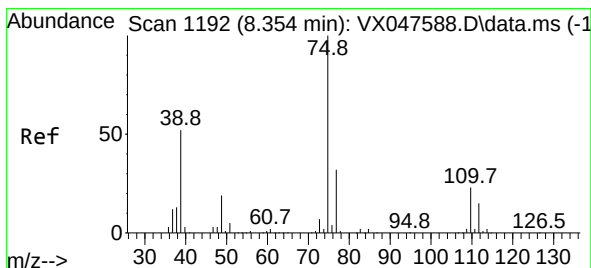
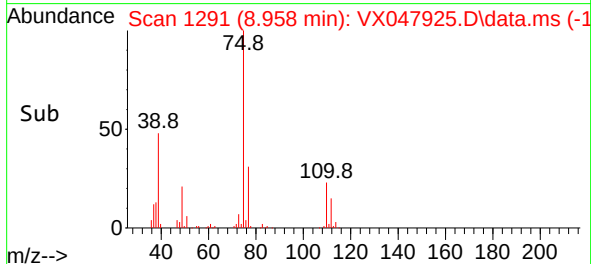
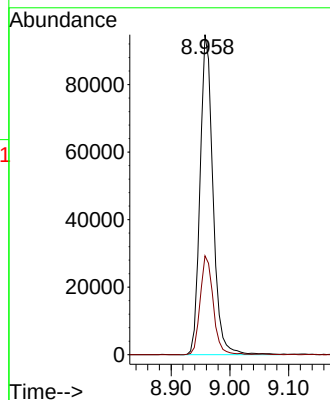
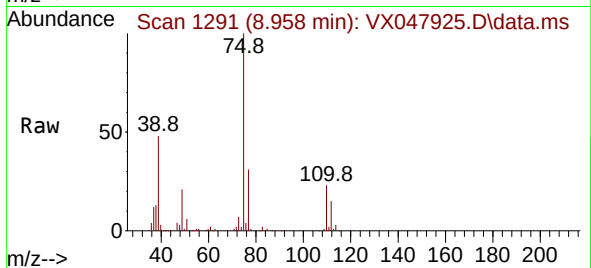
77 30.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#54

cis-1,3-Dichloropropene

Concen: 48.855 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

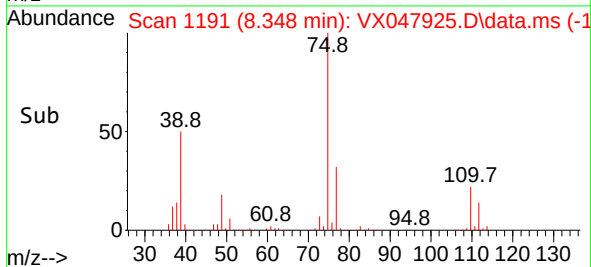
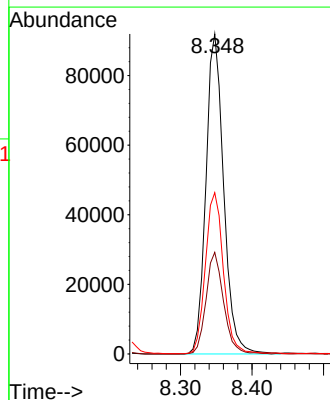
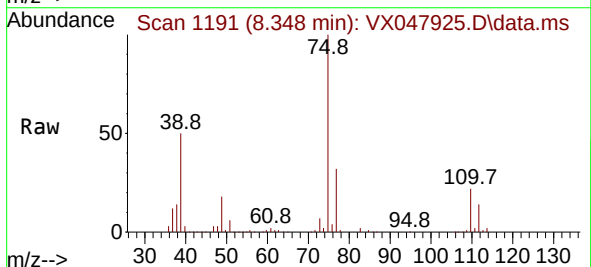
Tgt Ion: 75 Resp: 158578

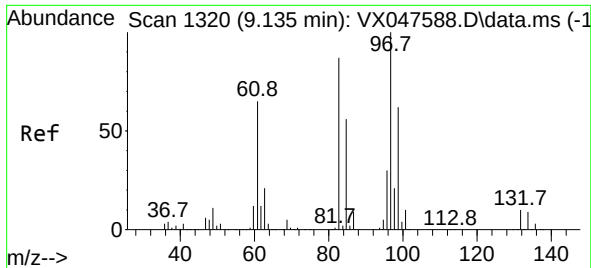
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 50.3 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 55.323 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

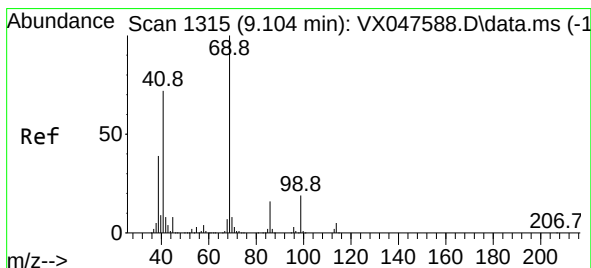
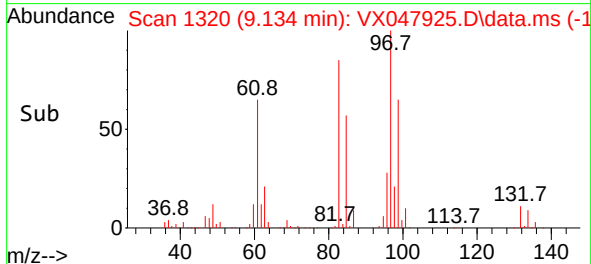
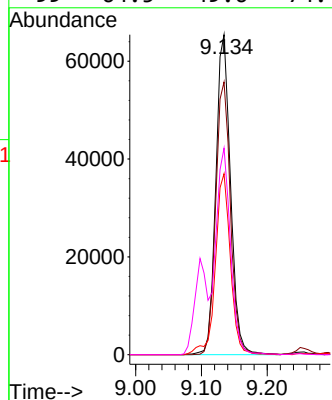
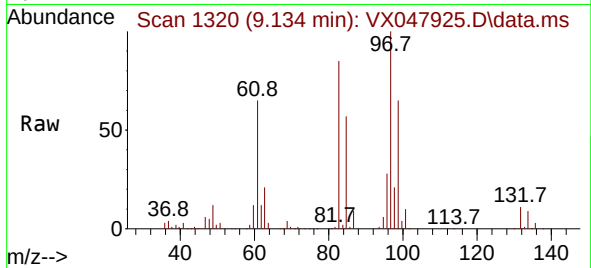
VSTDCCC050

Tgt Ion: 97 Resp: 101762
Ion Ratio Lower Upper
97 100
83 85.2 69.6 104.4
85 56.5 45.0 67.6
99 64.5 49.6 74.4

Manual Integrations

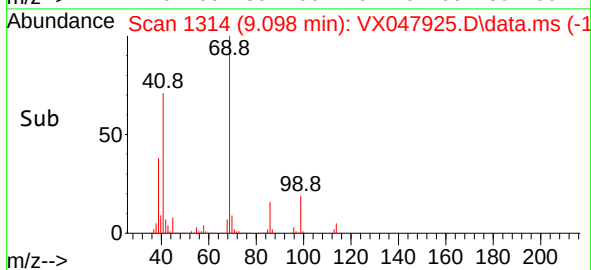
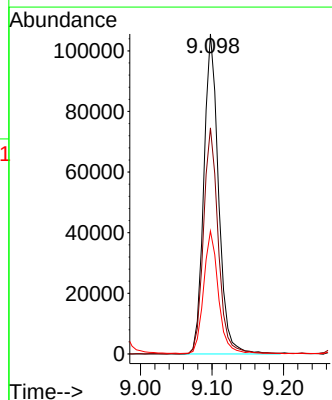
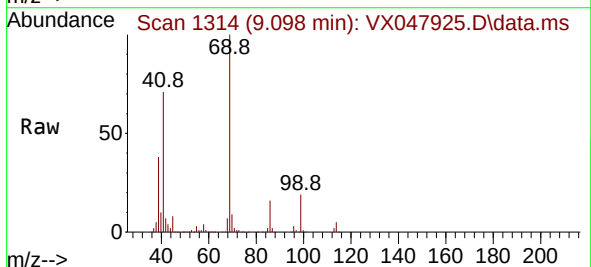
APPROVED

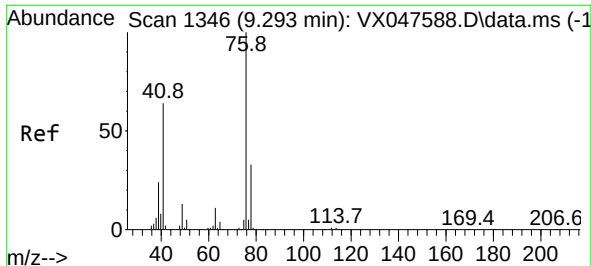
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#56
Ethyl methacrylate
Concen: 52.318 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

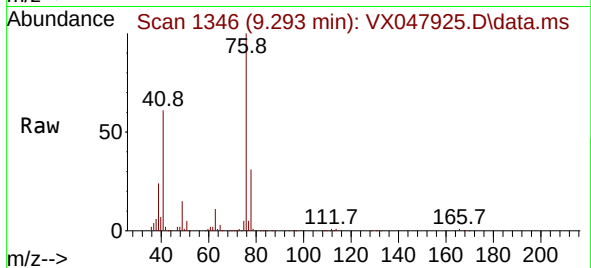
Tgt Ion: 69 Resp: 151133
Ion Ratio Lower Upper
69 100
41 71.1 58.6 87.8
39 38.1 31.5 47.3





#57
1,3-Dichloropropane
Concen: 55.091 ug/l
RT: 9.293 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

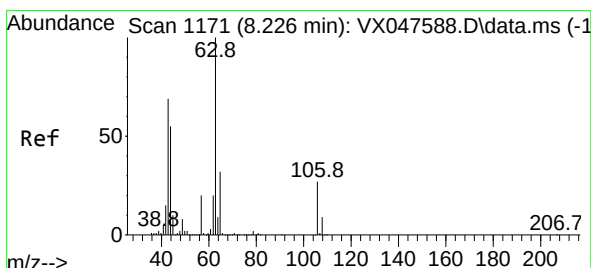
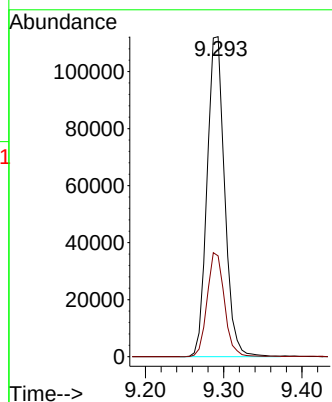
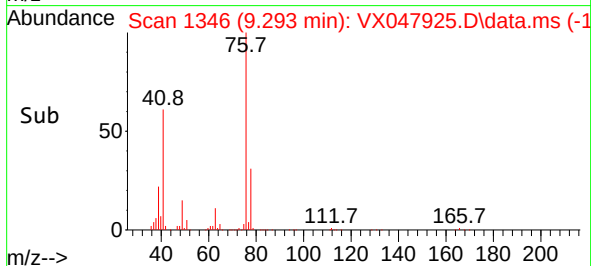
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 174070
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

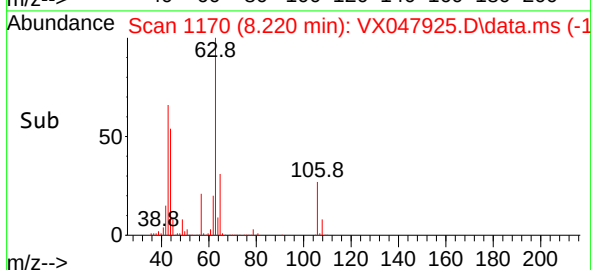
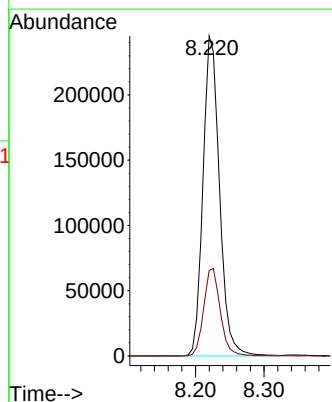
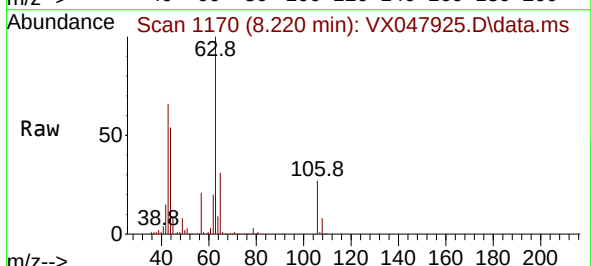
Manual Integrations
APPROVED

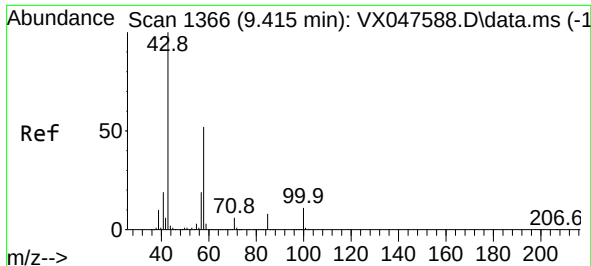
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.242 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

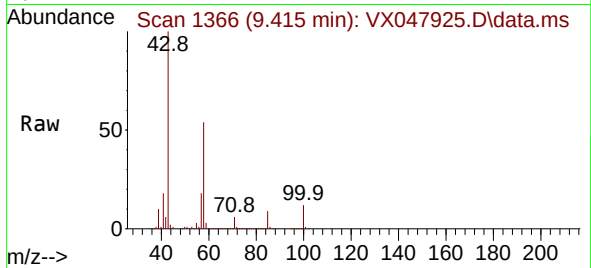
Tgt Ion: 63 Resp: 412325
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 242.438 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

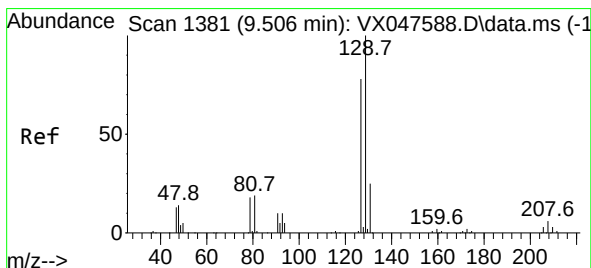
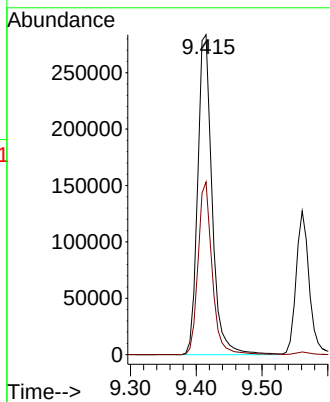
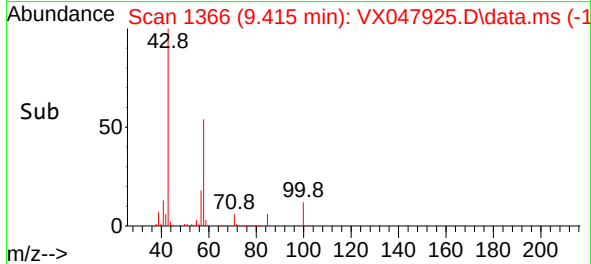
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 432172
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.2

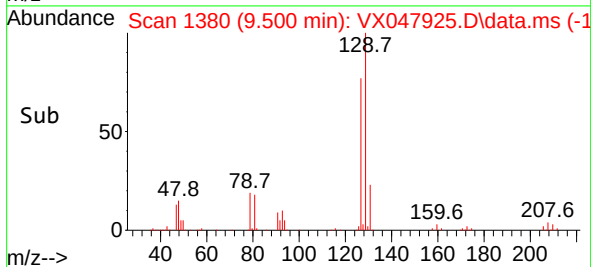
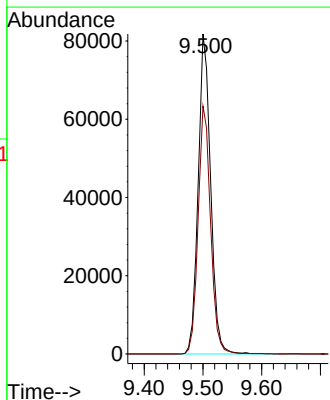
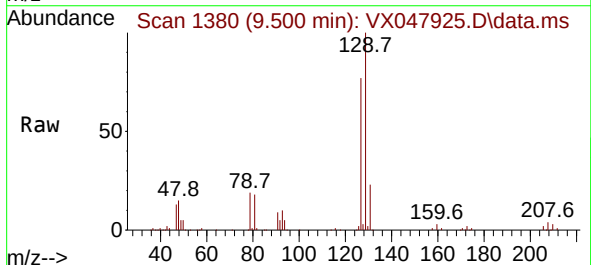
Manual Integrations
APPROVED

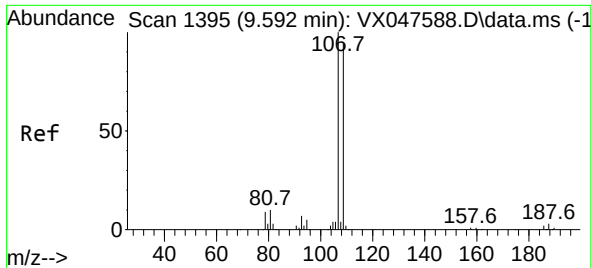
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 56.903 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion:129 Resp: 120602
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





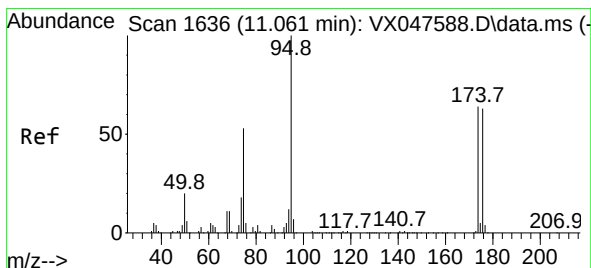
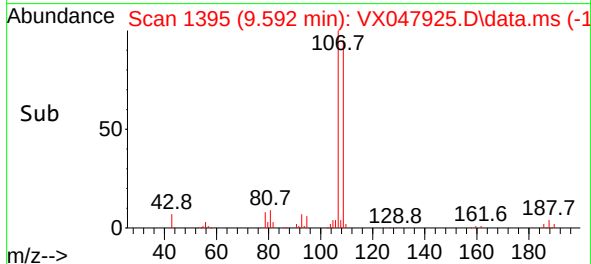
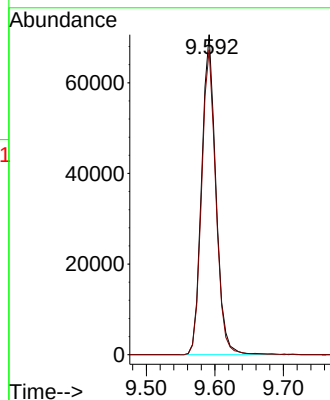
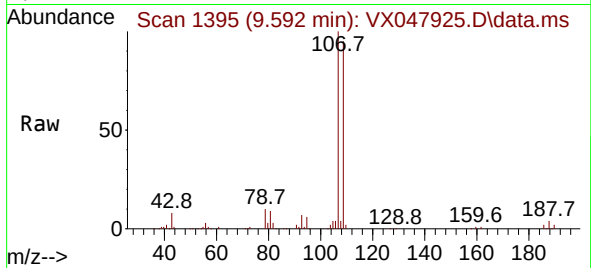
#61
1,2-Dibromoethane
Concen: 54.808 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 102684
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9

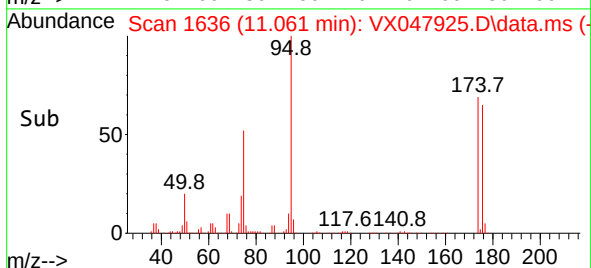
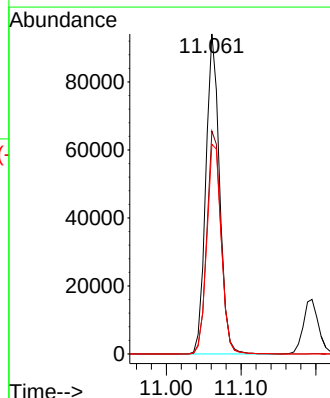
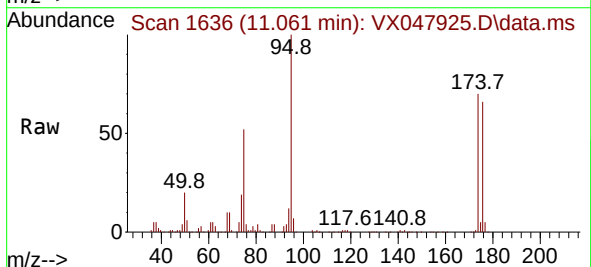
Manual Integrations
APPROVED

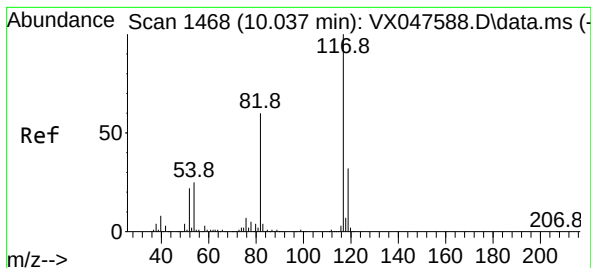
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 52.260 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

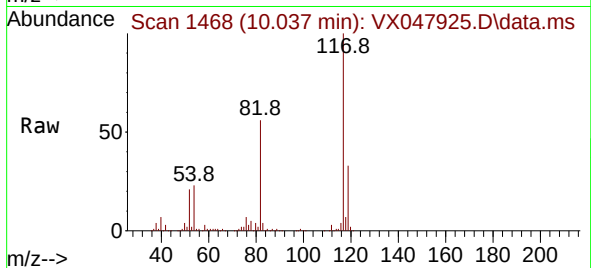
Tgt Ion: 95 Resp: 119729
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.2 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

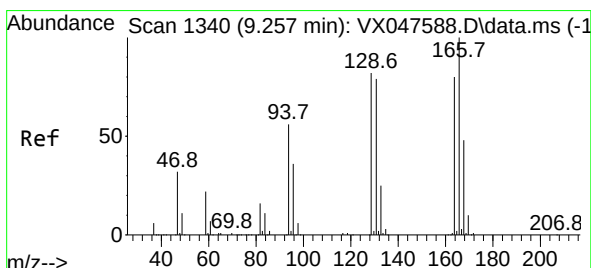
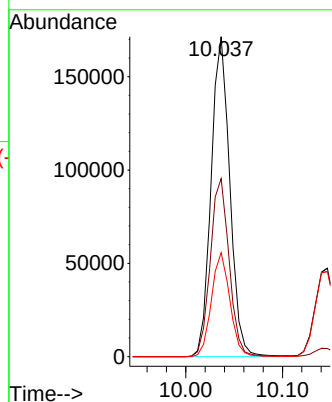
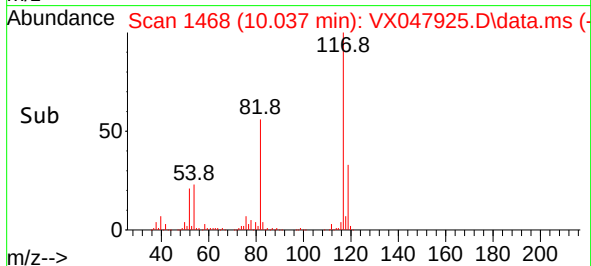
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 230415
Ion Ratio Lower Upper
117 100
82 55.7 47.8 71.6
119 32.5 25.2 37.8

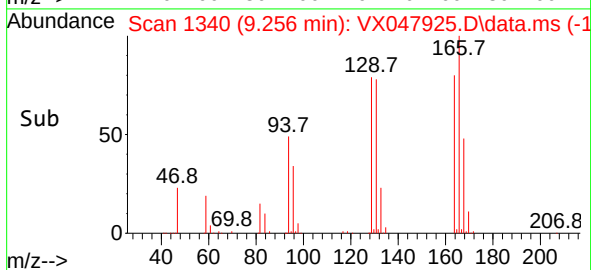
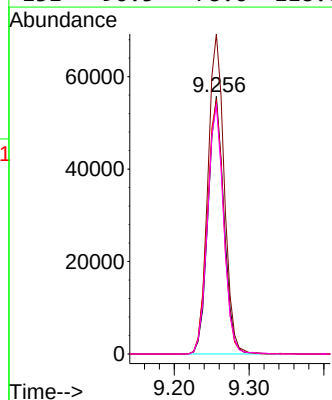
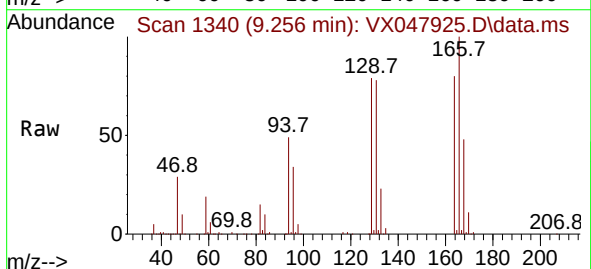
Manual Integrations
APPROVED

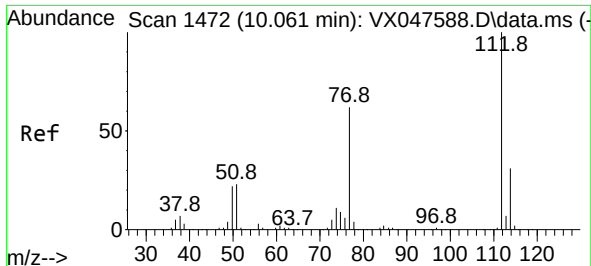
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 54.742 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

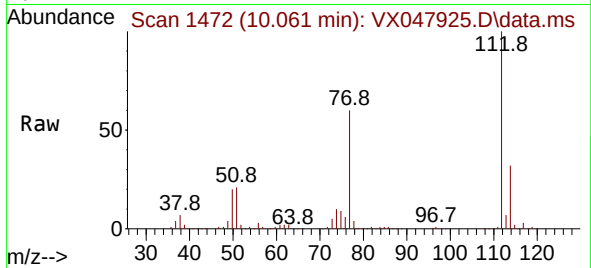
Tgt Ion:164 Resp: 82226
Ion Ratio Lower Upper
164 100
166 124.3 100.2 150.2
129 98.3 81.8 122.6
131 96.5 78.6 118.0





#65
Chlorobenzene
Concen: 53.763 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

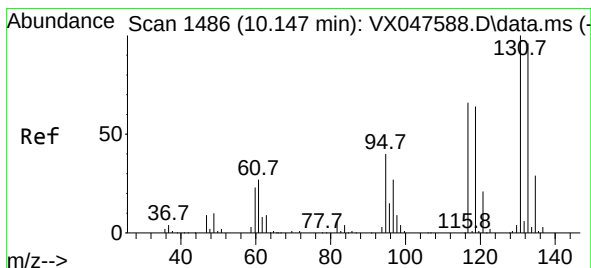
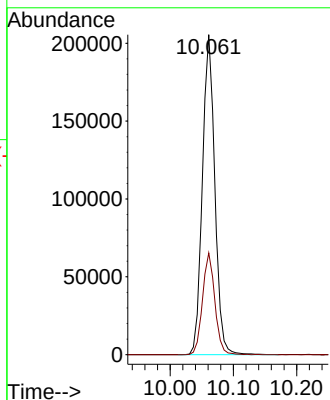
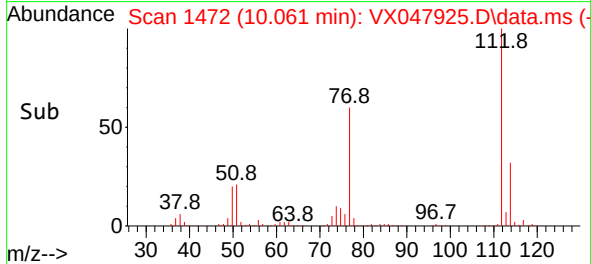
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



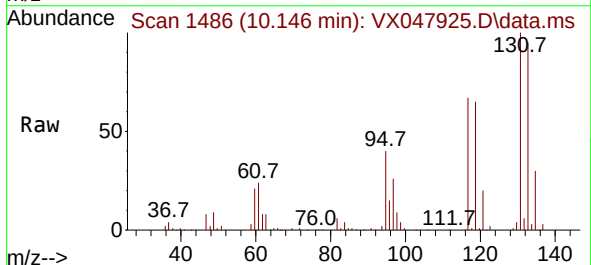
Tgt Ion:112 Resp: 281425
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

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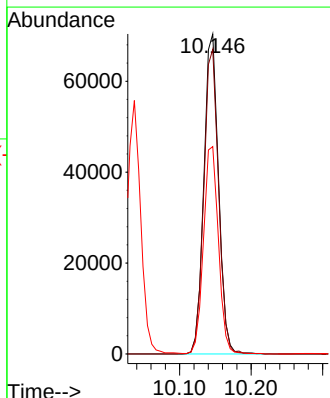
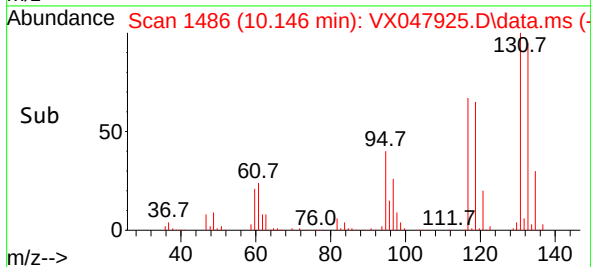
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

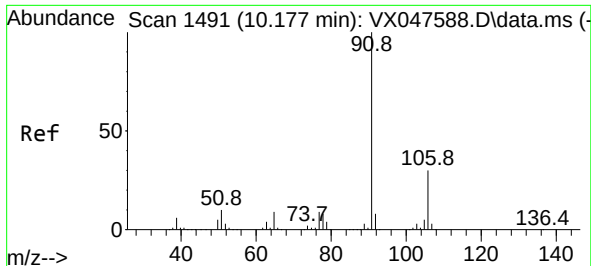


#66
1,1,1,2-Tetrachloroethane
Concen: 55.573 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



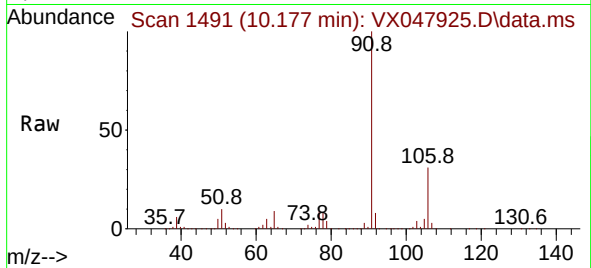
Tgt Ion:131 Resp: 100383
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 66.1 32.0 96.0





#67
Ethyl Benzene
Concen: 52.134 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

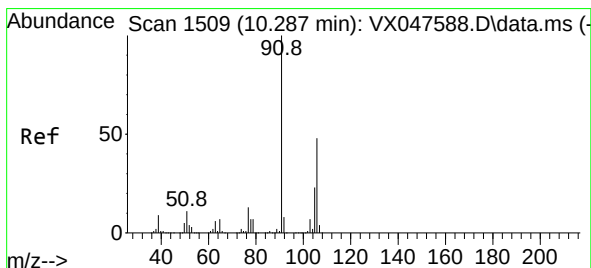
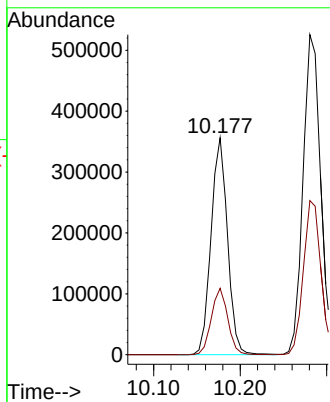
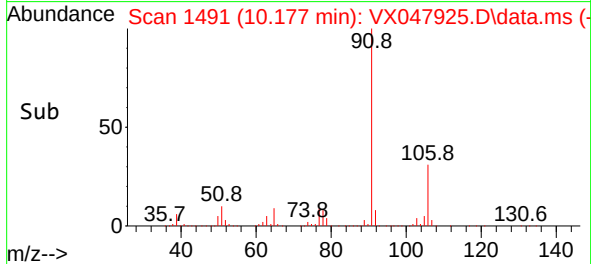
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 47086
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

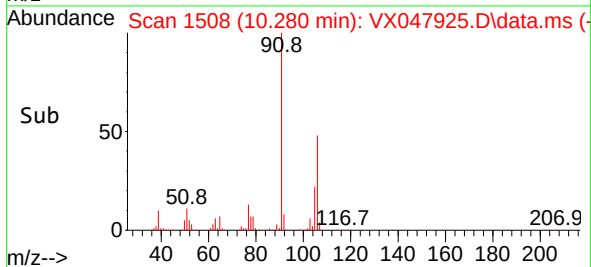
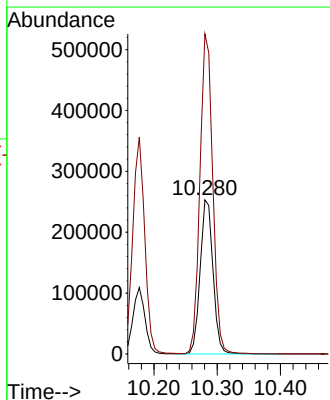
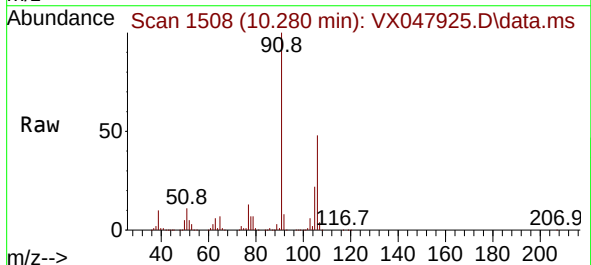
Manual Integrations
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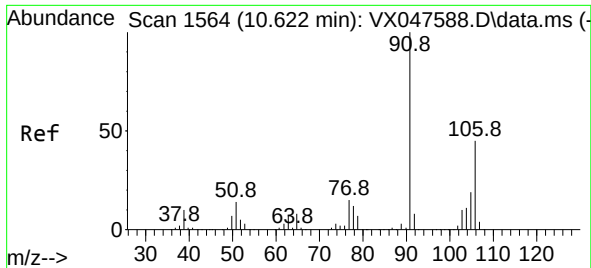
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 106.525 ug/l
RT: 10.280 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion:106 Resp: 358108
Ion Ratio Lower Upper
106 100
91 207.3 167.8 251.8





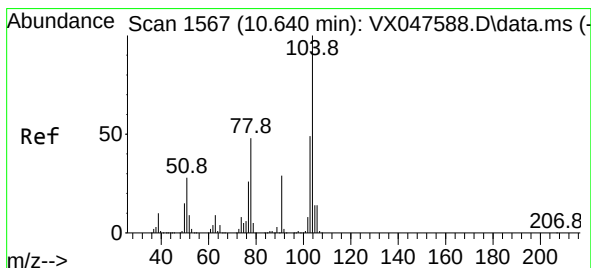
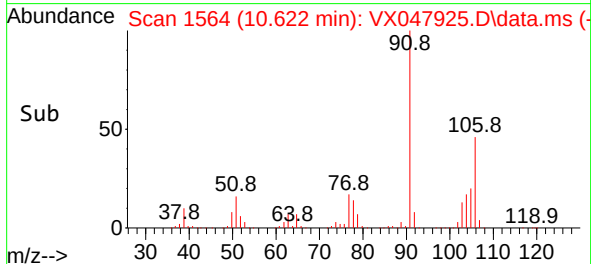
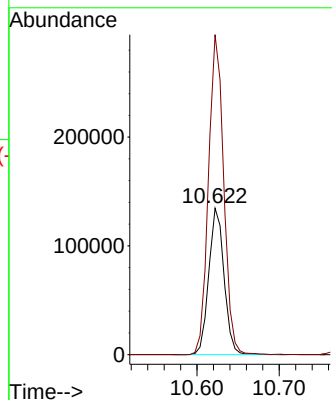
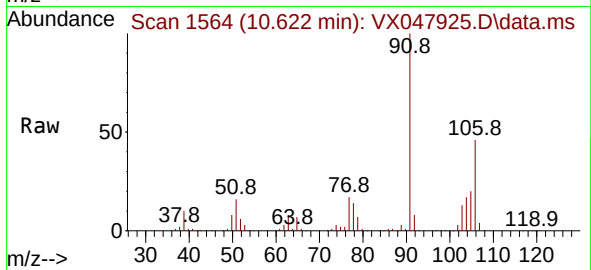
#69
o-Xylene
Concen: 53.429 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173728
Ion Ratio Lower Upper
106 100
91 218.2 111.1 333.4

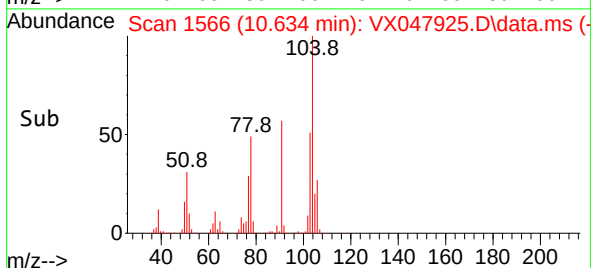
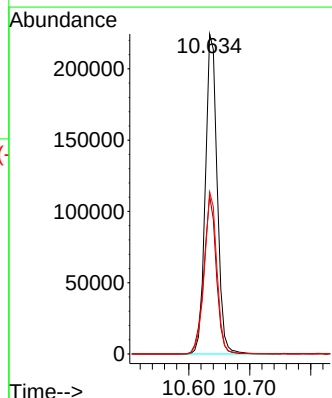
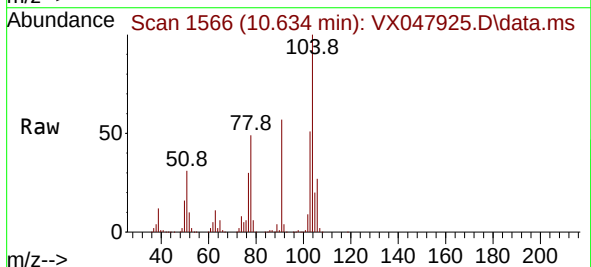
Manual Integrations
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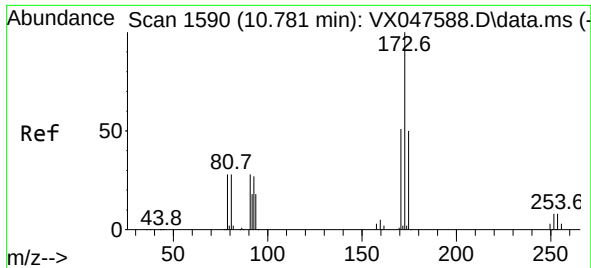
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 53.445 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

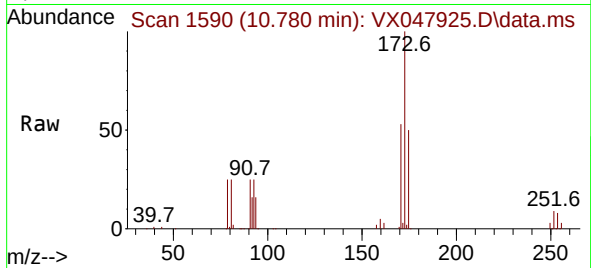
Tgt Ion:104 Resp: 304498
Ion Ratio Lower Upper
104 100
78 52.1 43.1 64.7
103 53.7 43.1 64.7





#71
Bromoform
Concen: 55.193 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

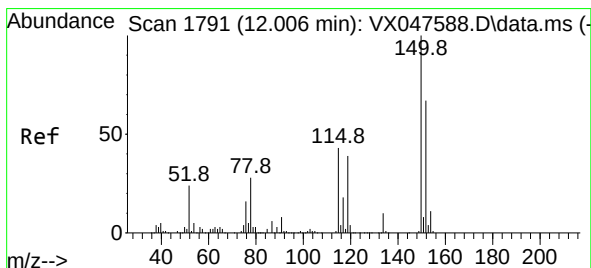
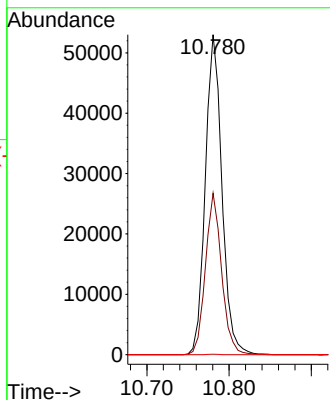
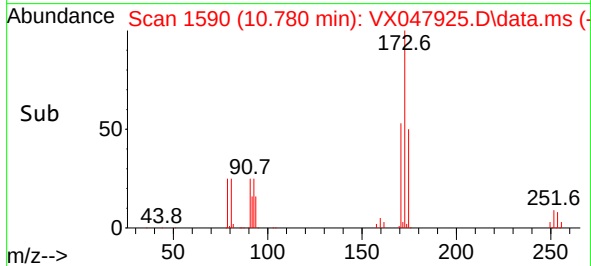
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 7444
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.1 0.1 0.1

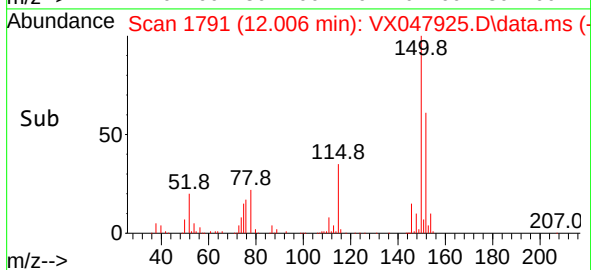
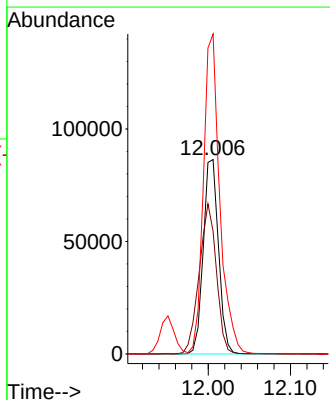
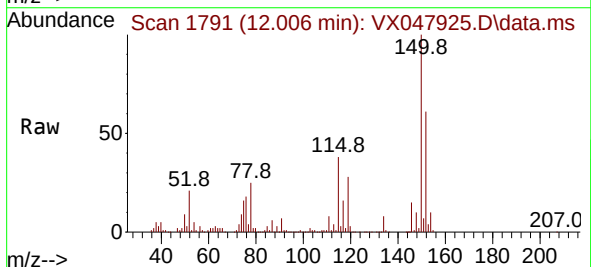
Manual Integrations
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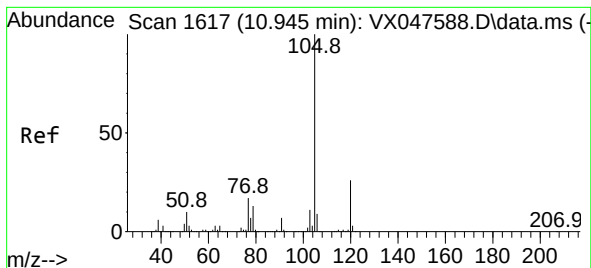
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion:152 Resp: 111244
Ion Ratio Lower Upper
152 100
115 87.0 44.9 134.5
150 176.4 0.0 352.0





#73

Isopropylbenzene

Concen: 52.083 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 440490

Ion Ratio Lower Upper

105 100

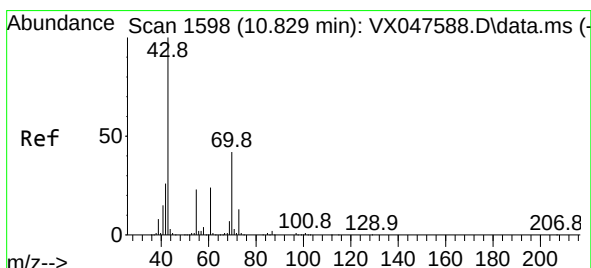
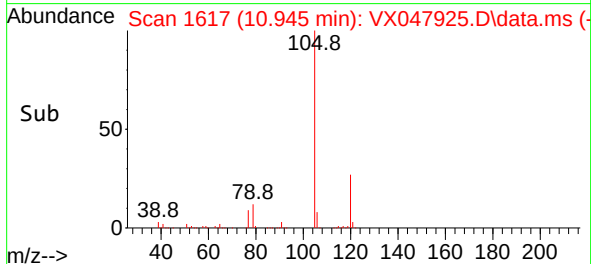
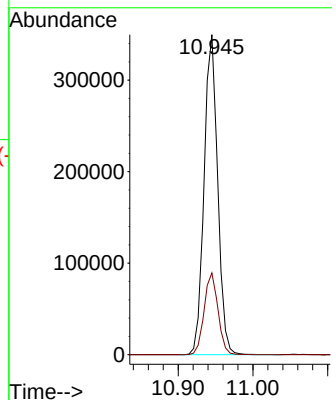
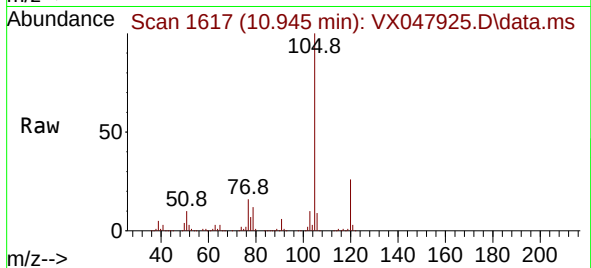
120 26.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#74

N-ethyl acetate

Concen: 49.514 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.006 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Tgt Ion: 43 Resp: 190962

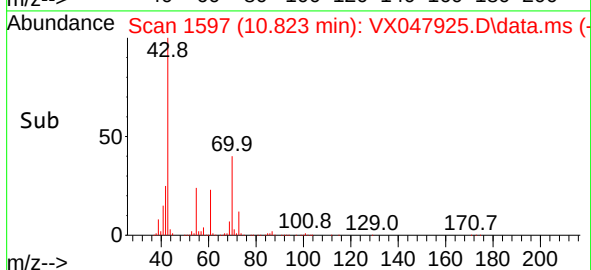
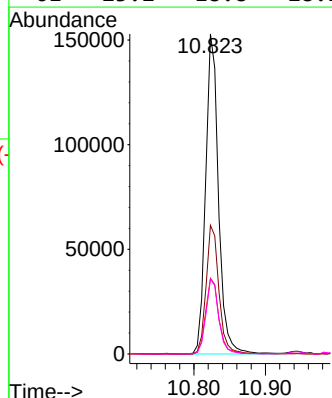
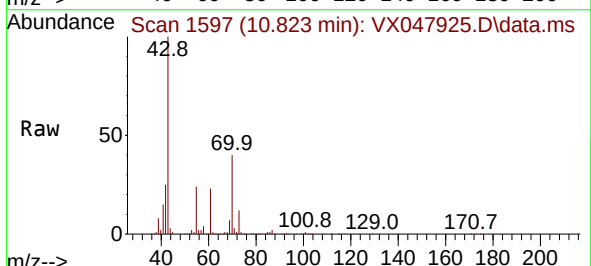
Ion Ratio Lower Upper

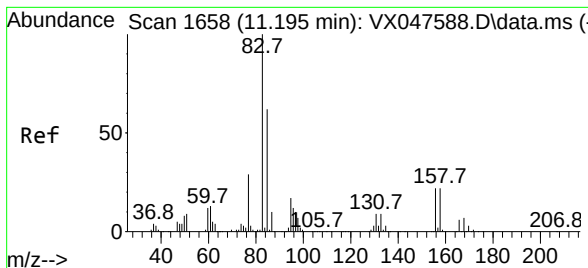
43 100

70 40.3 32.0 48.0

55 24.4 18.9 28.3

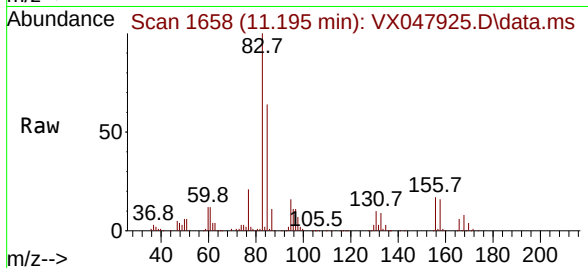
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.118 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

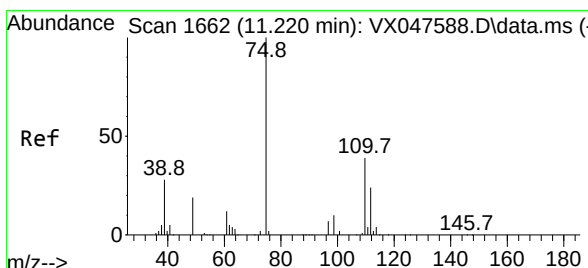
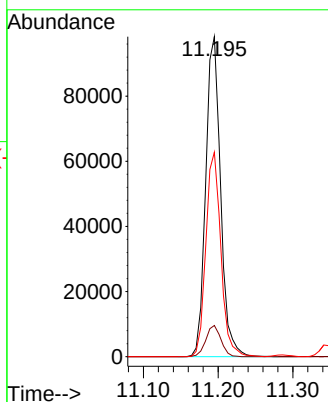
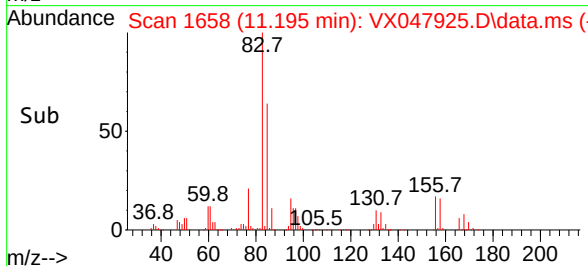
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



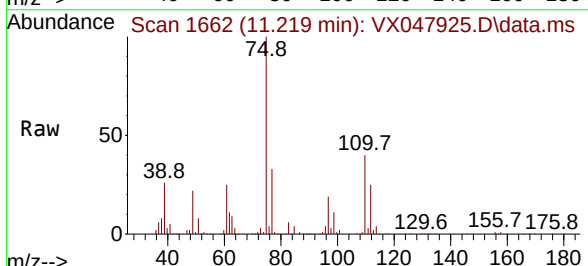
Tgt Ion: 83 Resp: 135919
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 31.6 95.0

Manual Integrations
APPROVED

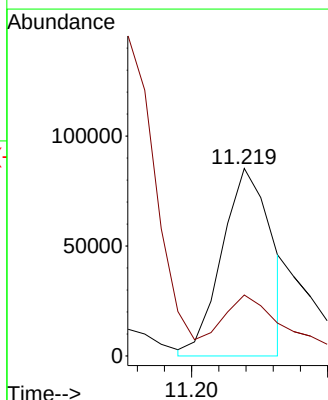
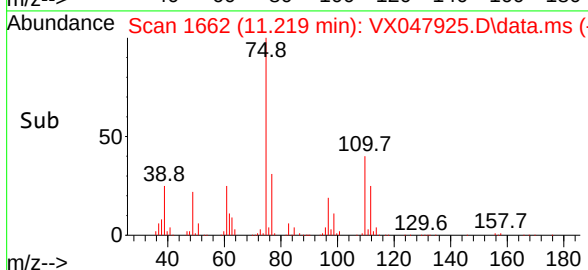
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

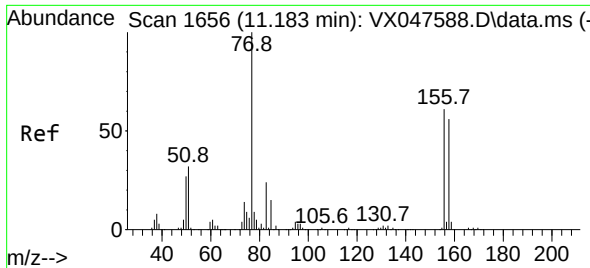


#76
1,2,3-Trichloropropane
Concen: 47.914 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



Tgt Ion: 75 Resp: 107919
Ion Ratio Lower Upper
75 100
77 42.3 18.8 56.4





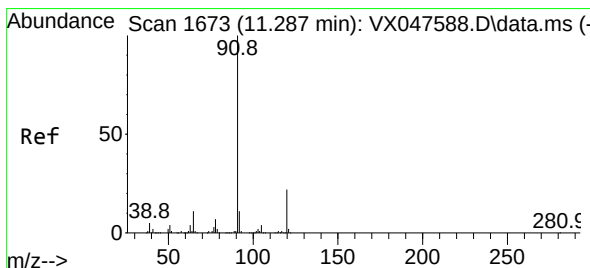
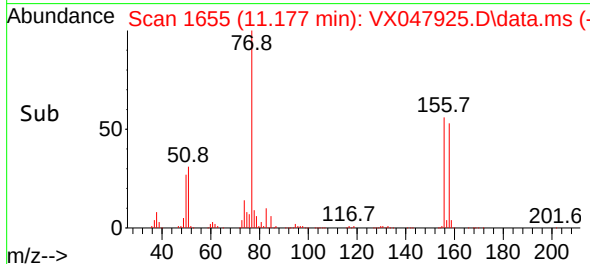
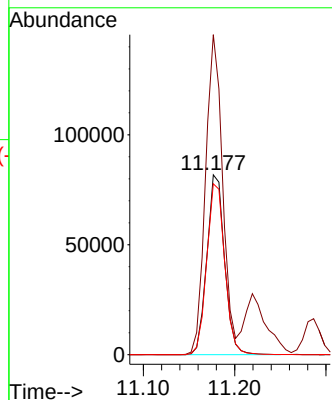
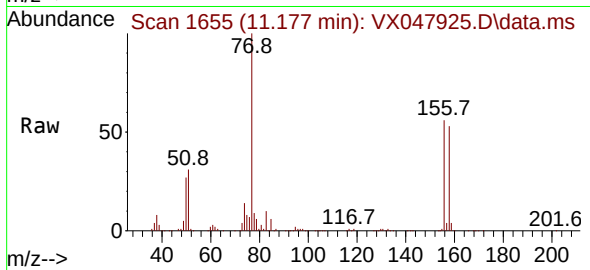
#77
Bromobenzene
Concen: 52.694 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 109763
Ion Ratio Lower Upper
156 100
77 171.2 89.7 269.1
158 96.8 47.9 143.6

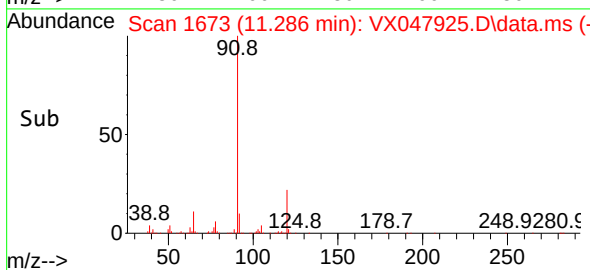
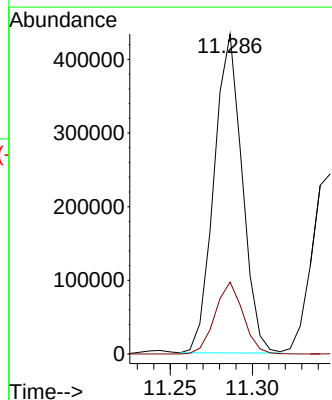
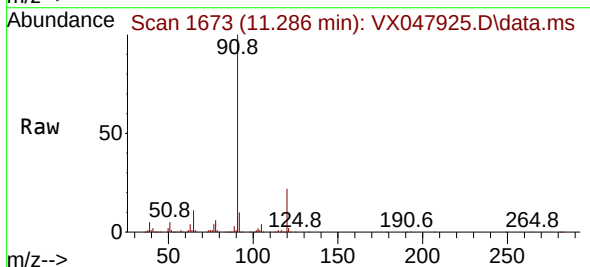
Manual Integrations
APPROVED

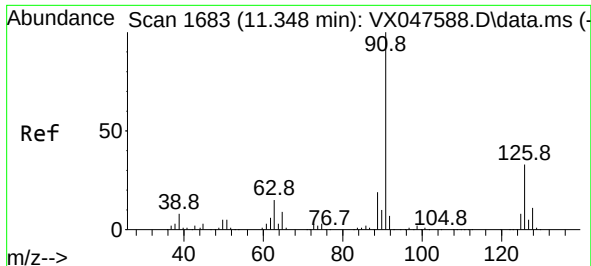
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#78
n-propylbenzene
Concen: 51.568 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 91 Resp: 515569
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1





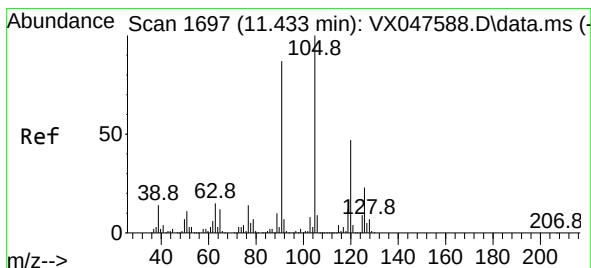
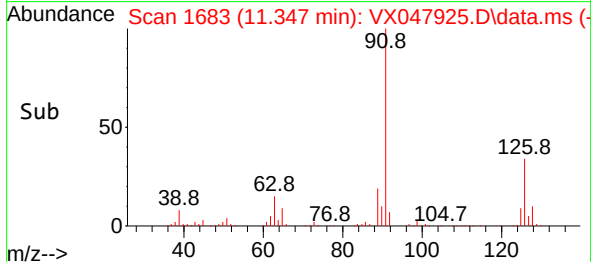
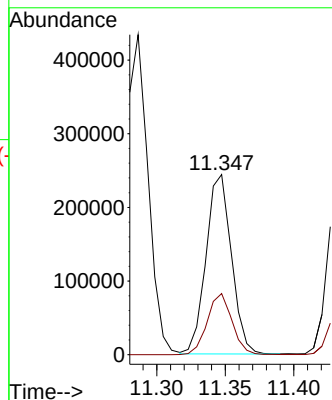
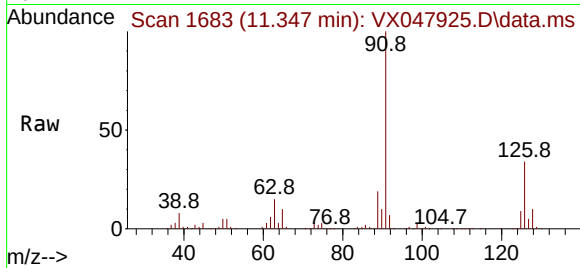
#79
2-Chlorotoluene
Concen: 51.452 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31506
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.3

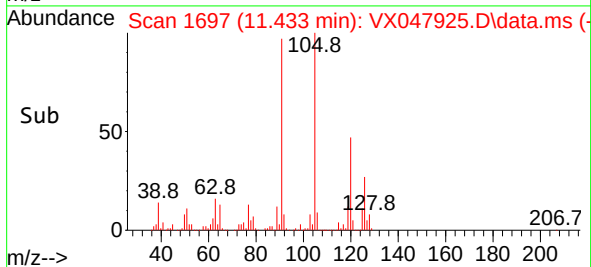
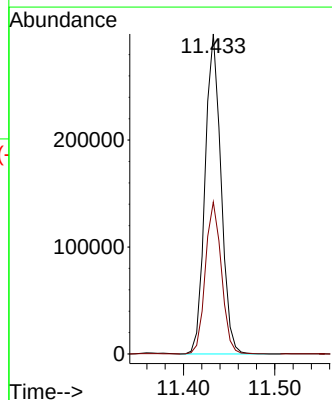
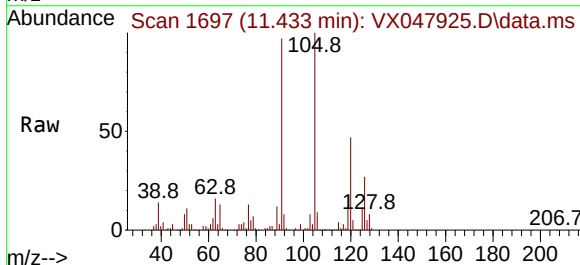
Manual Integrations
APPROVED

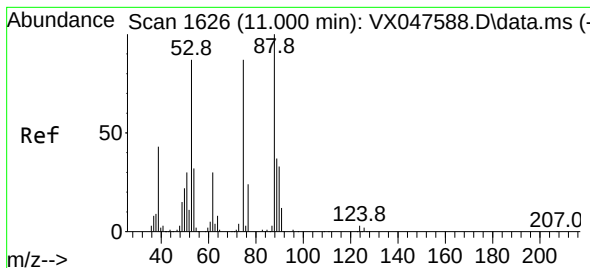
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.887 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

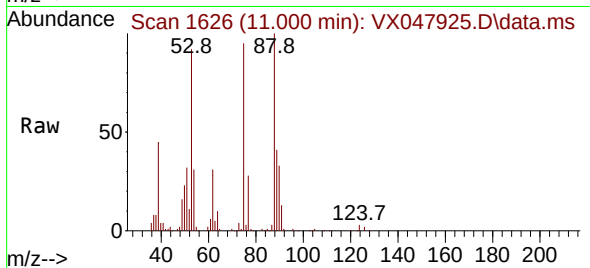
Tgt Ion:105 Resp: 360539
Ion Ratio Lower Upper
105 100
120 47.8 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 37.213 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

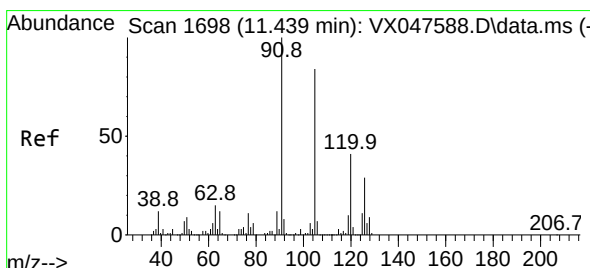
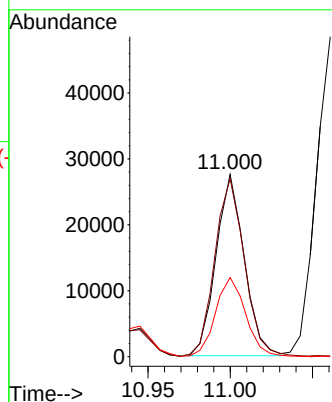
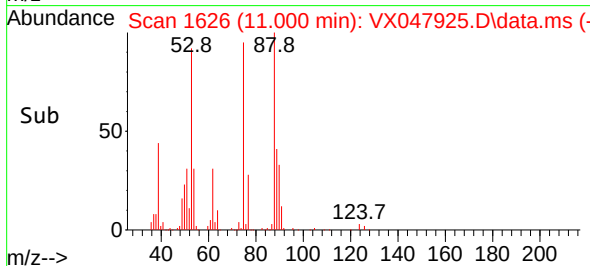
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3286
Ion Ratio Lower Upper
75 100
53 103.4 83.4 125.2
89 46.7 36.3 54.5

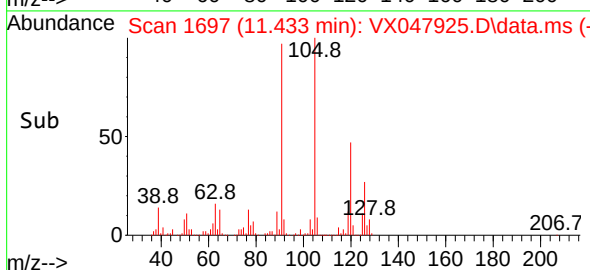
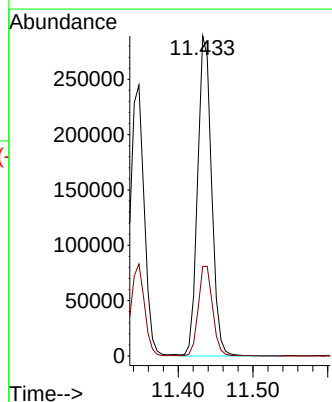
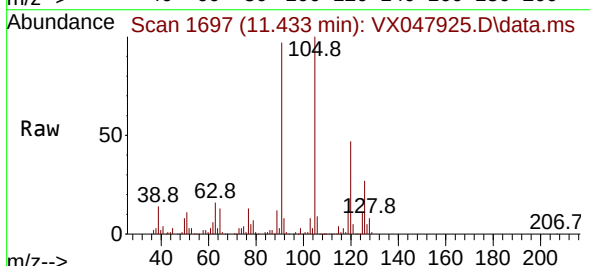
Manual Integrations
APPROVED

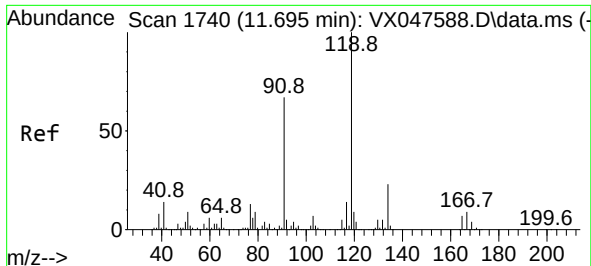
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 51.748 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

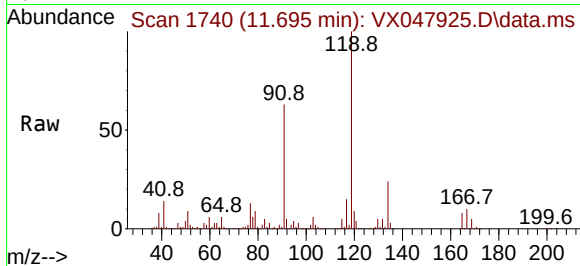
Tgt Ion: 91 Resp: 374249
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.119 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

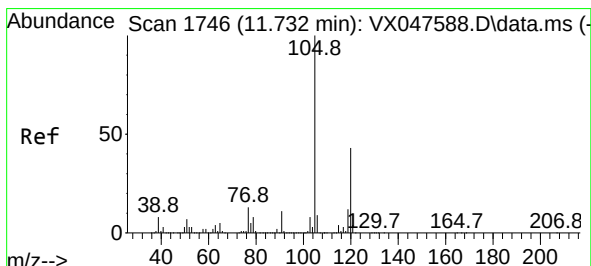
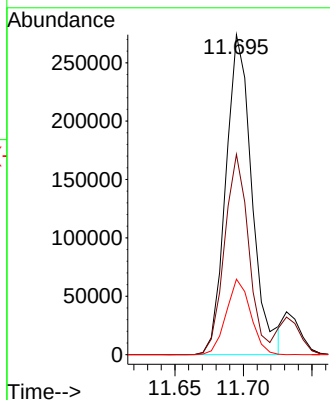
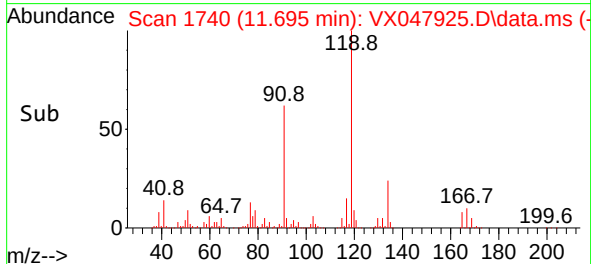
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



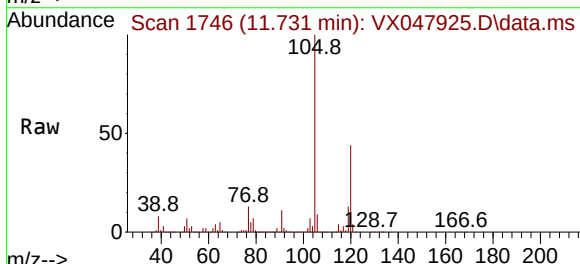
Tgt Ion:119 Resp: 363612
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.1 11.0 33.0

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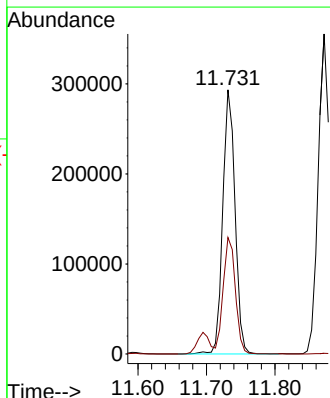
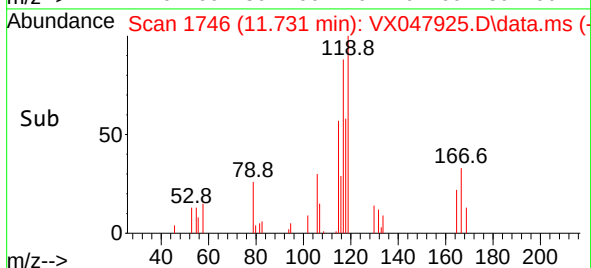
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

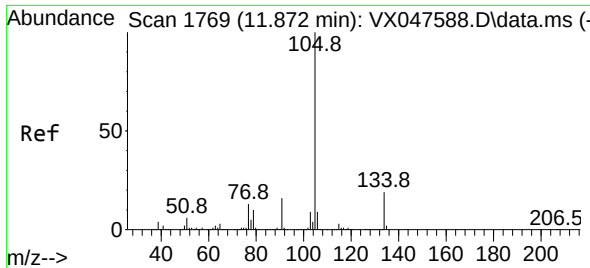


#84
1,2,4-Trimethylbenzene
Concen: 51.497 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



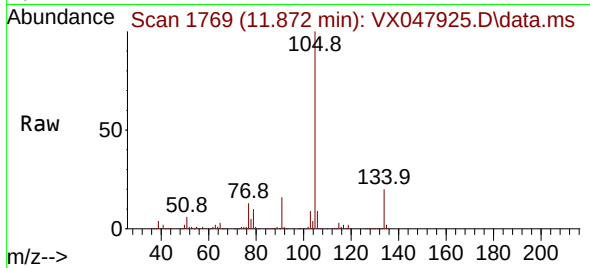
Tgt Ion:105 Resp: 362779
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 50.330 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047925.D
 Acq: 01 Oct 2025 08:44

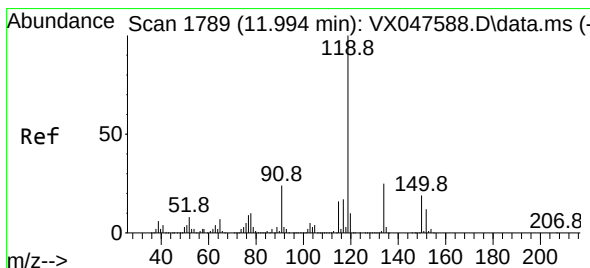
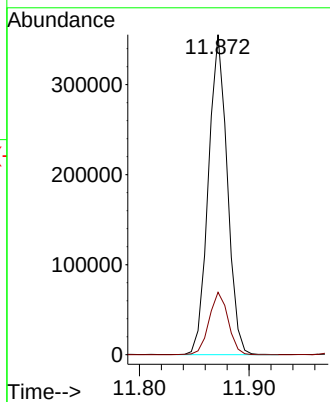
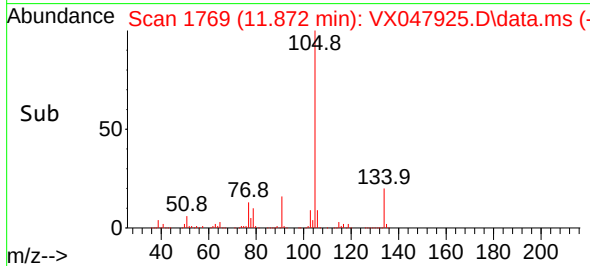
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



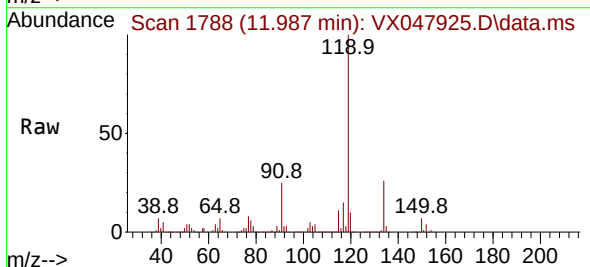
Tgt Ion:105 Resp: 425230
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

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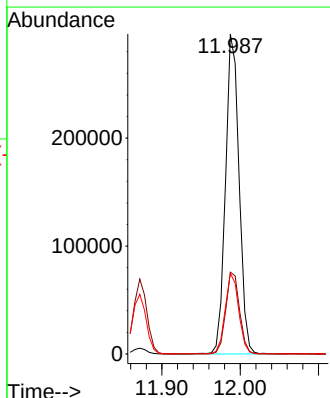
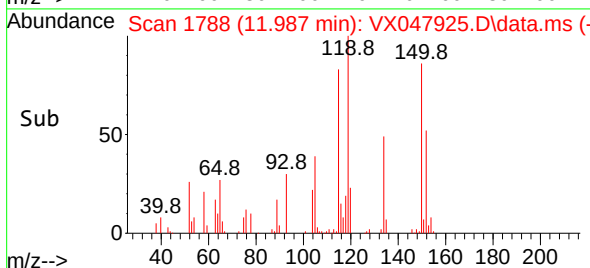
Reviewed By :John Carlone 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025

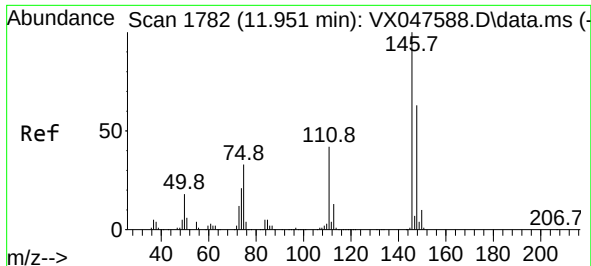


#86
 p-Isopropyltoluene
 Concen: 50.113 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047925.D
 Acq: 01 Oct 2025 08:44



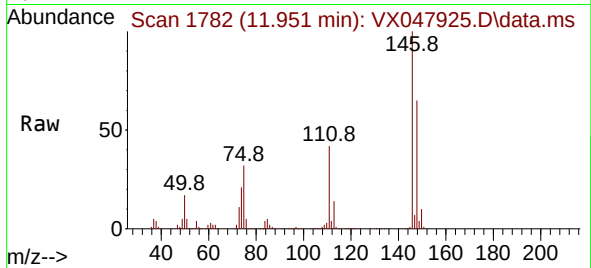
Tgt Ion:119 Resp: 358451
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.0 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 51.263 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

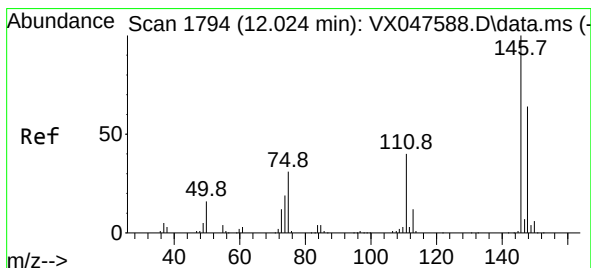
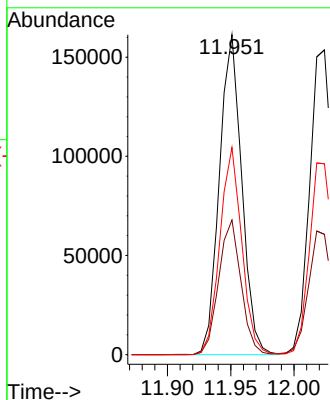
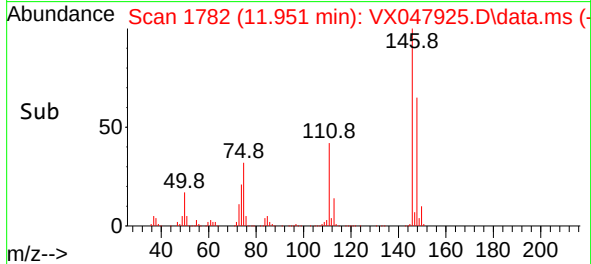
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 198339
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.4 32.0 96.0

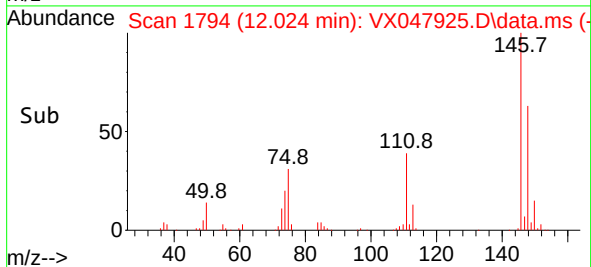
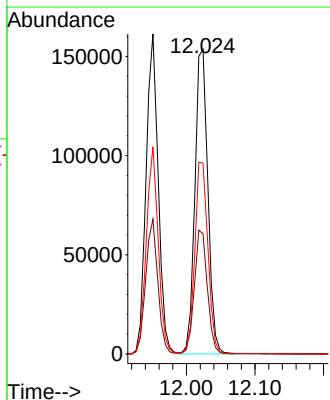
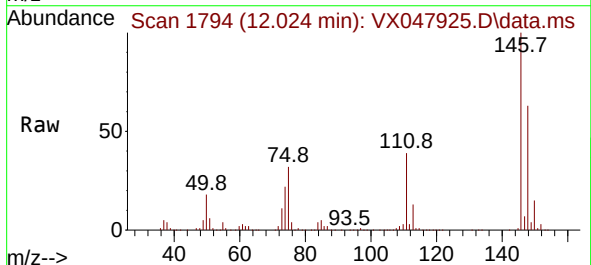
Manual Integrations
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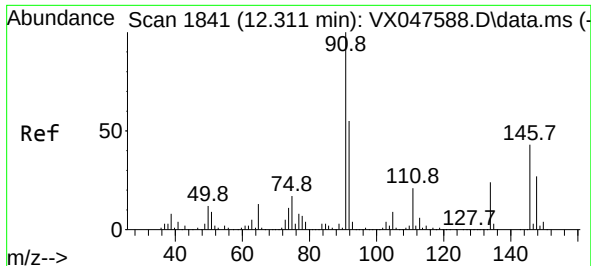
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#88
1,4-Dichlorobenzene
Concen: 51.006 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion:146 Resp: 202543
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 48.778 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32284

Ion Ratio Lower Upper

91 100

92 54.1 27.6 82.7

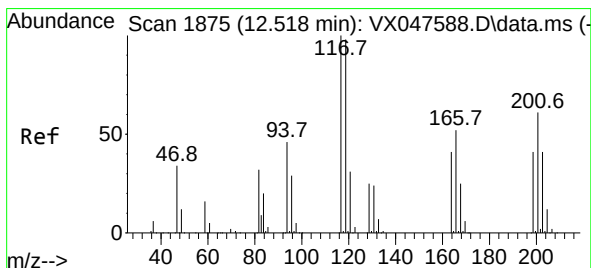
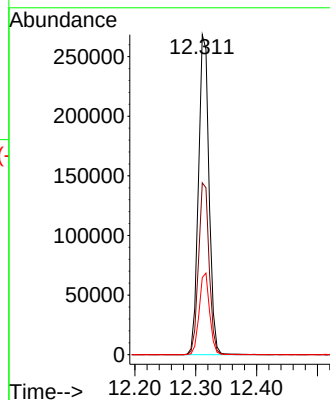
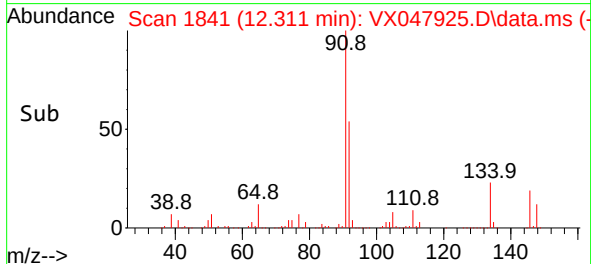
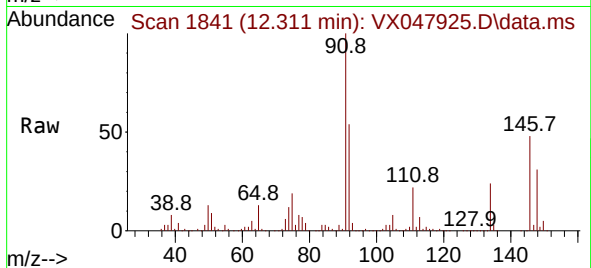
134 25.1 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#90

Hexachloroethane

Concen: 54.313 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047925.D

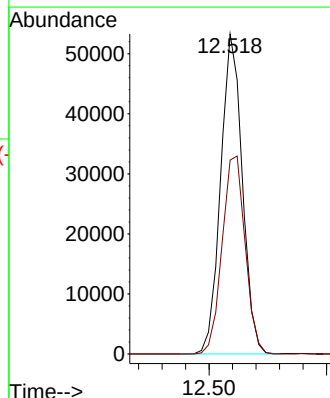
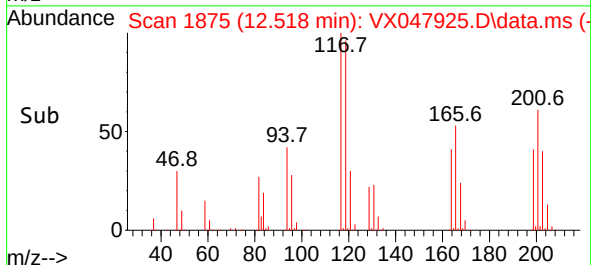
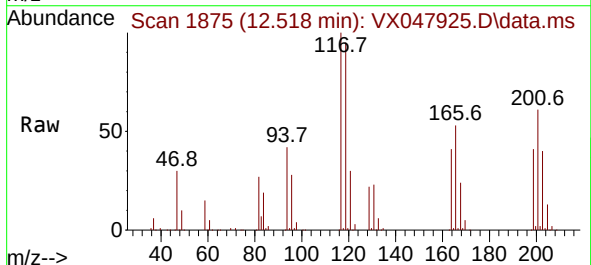
Acq: 01 Oct 2025 08:44

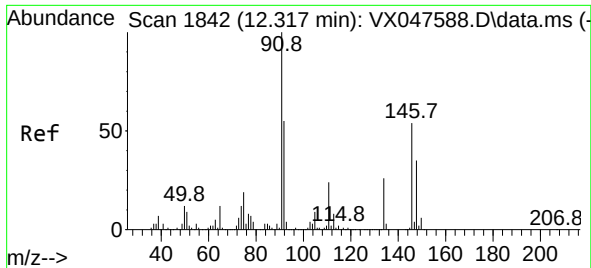
Tgt Ion:117 Resp: 68208

Ion Ratio Lower Upper

117 100

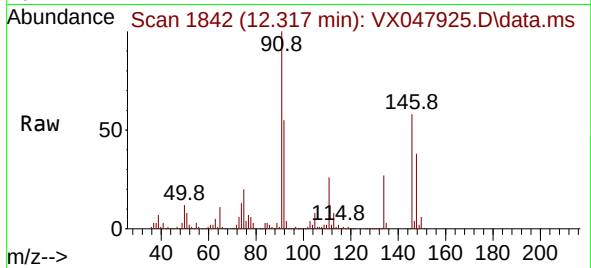
201 65.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 51.946 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

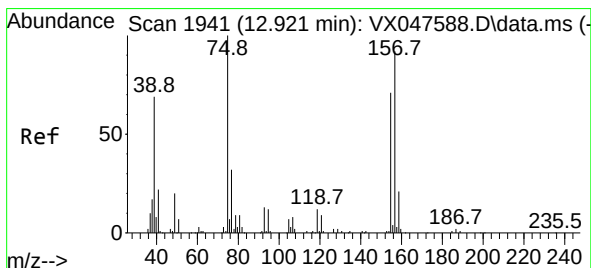
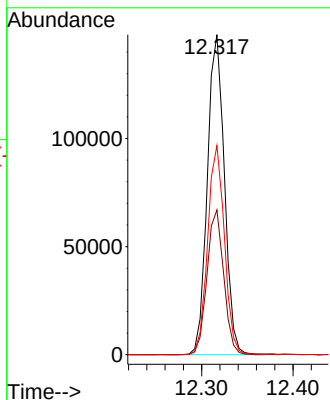
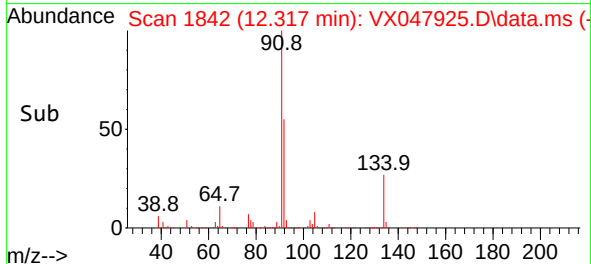
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 191470
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.2 31.8 95.4

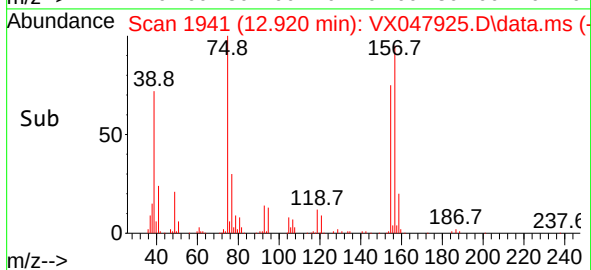
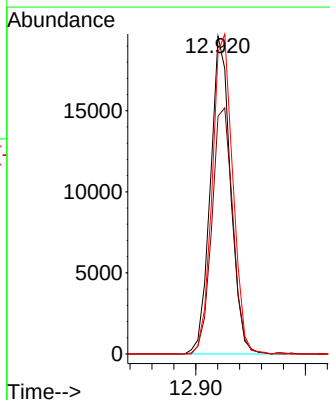
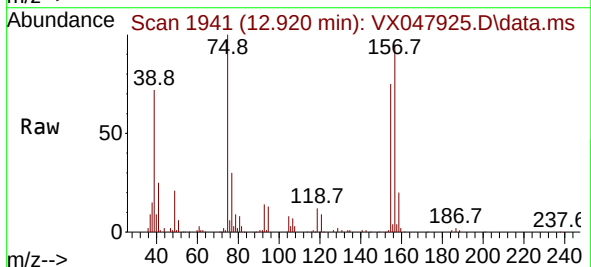
Manual Integrations
APPROVED

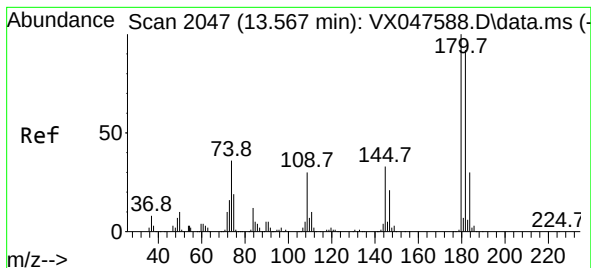
Reviewed By :John Carlone 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.313 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

Tgt Ion: 75 Resp: 25029
Ion Ratio Lower Upper
75 100
155 80.7 37.7 113.1
157 102.9 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 47.915 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047925.D

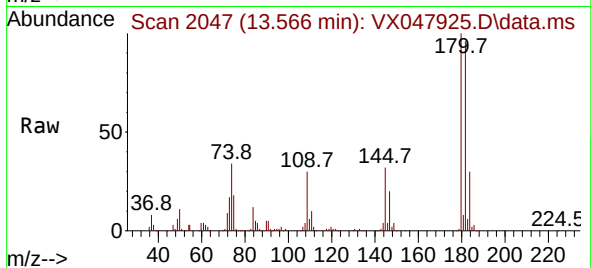
Acq: 01 Oct 2025 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



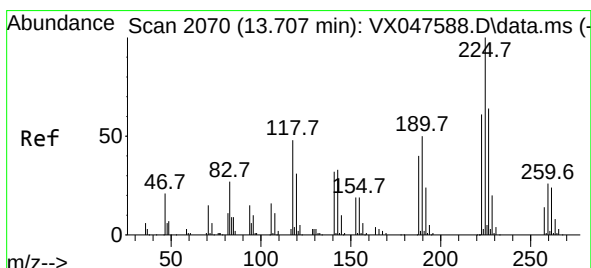
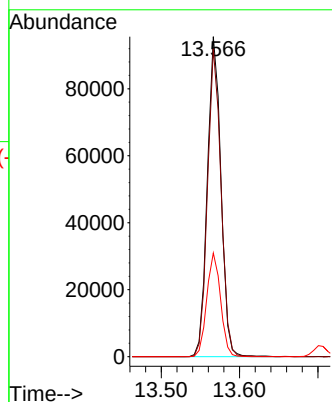
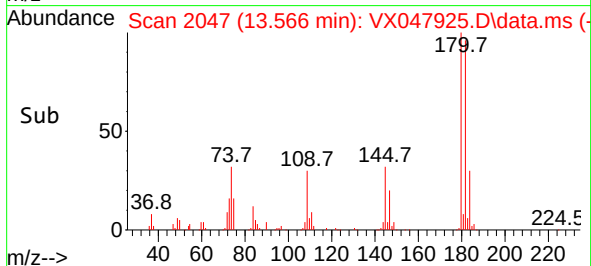
Tgt Ion:	180	Resp:	114780
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.6	139.8
145	32.8	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 46.175 ug/l

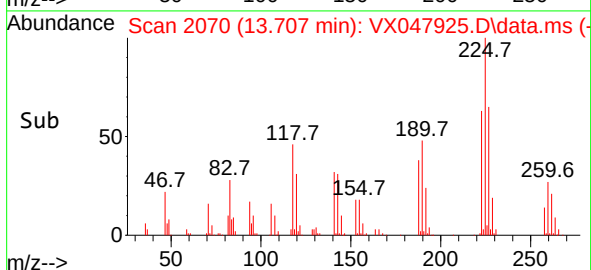
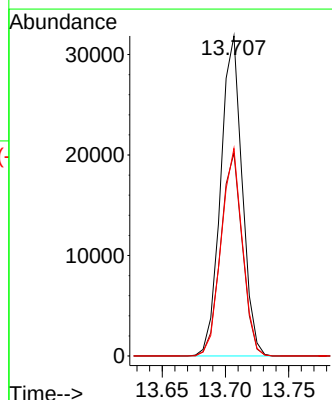
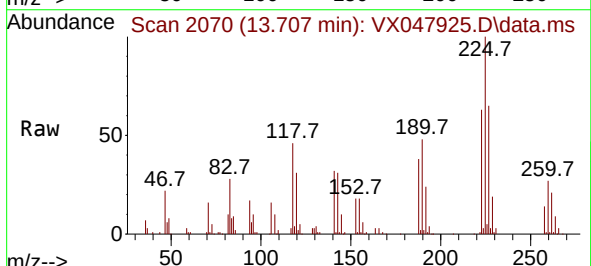
RT: 13.707 min Scan# 2070

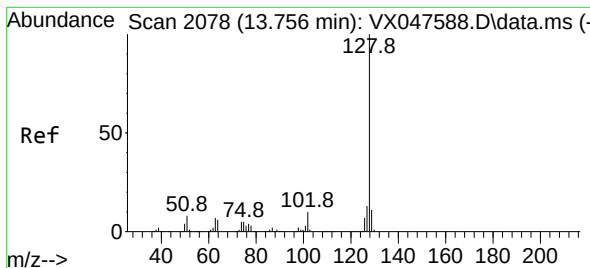
Delta R.T. -0.000 min

Lab File: VX047925.D

Acq: 01 Oct 2025 08:44

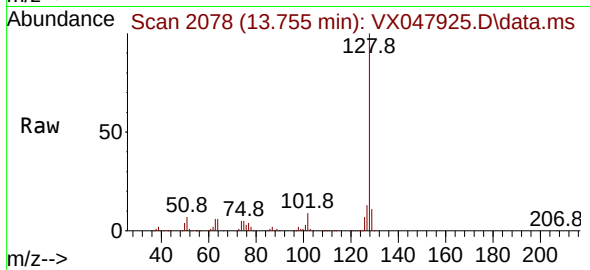
Tgt Ion:	225	Resp:	37573
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.7	95.1
227	64.0	32.0	96.0





#95
Naphthalene
Concen: 49.706 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44

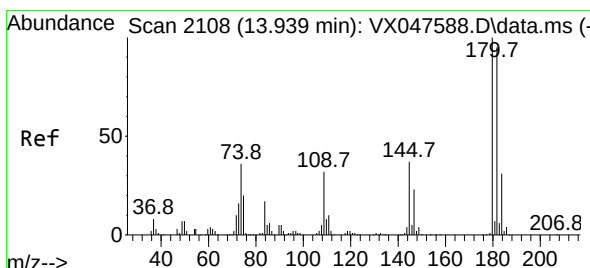
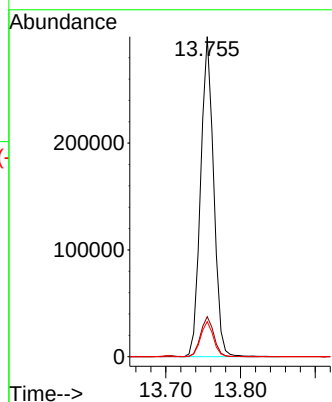
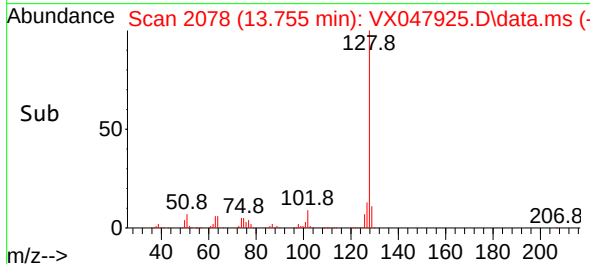
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



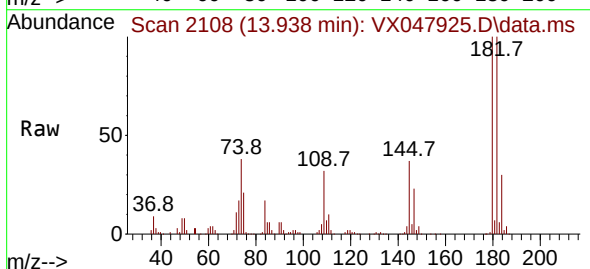
Tgt Ion:128 Resp: 362591
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.057 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047925.D
Acq: 01 Oct 2025 08:44



Tgt Ion:180 Resp: 109321
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.8
145 35.6 17.9 53.7

