

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048225.D
 Acq On : 17 Oct 2025 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:24:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	126705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102222	52.077	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.160%			
35) Dibromofluoromethane	5.373	113	81349	54.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	8.634	98	278553	51.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.061	95	109449	55.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65322	49.120	ug/l	95
3) Chloromethane	1.300	50	61786	38.351	ug/l	99
4) Vinyl Chloride	1.380	62	58531	34.478	ug/l	97
5) Bromomethane	1.611	94	38340	33.962	ug/l	98
6) Chloroethane	1.697	64	35872	33.205	ug/l	93
7) Trichlorofluoromethane	1.898	101	109366	41.044	ug/l	96
8) Diethyl Ether	2.136	74	31424	34.574	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	65874	43.871	ug/l	97
10) Methyl Iodide	2.459	142	83910	46.655	ug/l	99
11) Tert butyl alcohol	2.940	59	35062	269.203	ug/l	100
12) 1,1-Dichloroethene	2.325	96	65618	44.692	ug/l	93
13) Acrolein	2.239	56	49699	181.568	ug/l	98
14) Allyl chloride	2.666	41	107688	40.775	ug/l	98
15) Acrylonitrile	3.056	53	150878	241.752	ug/l	99
16) Acetone	2.373	43	113554	169.582	ug/l	97
17) Carbon Disulfide	2.520	76	191702	42.436	ug/l	99
18) Methyl Acetate	2.703	43	59367	43.529	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	218177	49.332	ug/l	99
20) Methylene Chloride	2.788	84	73833	45.262	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	70972	46.725	ug/l	98
22) Diisopropyl ether	3.751	45	225433	43.592	ug/l	94
23) Vinyl Acetate	3.715	43	879098	227.341	ug/l	98
24) 1,1-Dichloroethane	3.605	63	128655	43.851	ug/l	99
25) 2-Butanone	4.538	43	167168	214.284	ug/l	99
26) 2,2-Dichloropropane	4.471	77	104953	41.852	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	83423	46.277	ug/l	97
28) Bromochloromethane	4.891	49	51918	38.390	ug/l	87
29) Tetrahydrofuran	4.989	42	108346	236.494	ug/l	96
30) Chloroform	5.080	83	138417	44.812	ug/l	99
31) Cyclohexane	5.464	56	107414	44.744	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	125303	49.372	ug/l	98
36) 1,1-Dichloropropene	5.684	75	90296	42.934	ug/l	98
37) Ethyl Acetate	4.696	43	72432	43.094	ug/l	97
38) Carbon Tetrachloride	5.672	117	112692	46.682	ug/l	98
39) Methylcyclohexane	7.366	83	108306	45.673	ug/l	92
40) Benzene	6.025	78	280217	44.870	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	41293	45.873	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102596	45.854	ug/l	98
43) Isopropyl Acetate	6.324	43	128582	45.573	ug/l	96
44) Trichloroethene	7.110	130	72516	46.074	ug/l	100
45) 1,2-Dichloropropane	7.415	63	68108	43.092	ug/l	97
46) Dibromomethane	7.568	93	50752	44.629	ug/l	94
47) Bromodichloromethane	7.805	83	110334	44.891	ug/l	99
48) Methyl methacrylate	7.677	41	64344	44.550	ug/l	97
49) 1,4-Dioxane	7.641	88	17608	1354.340	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	359203	228.787	ug/l	95
52) Toluene	8.701	92	178535	47.565	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	108303	47.036	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	115812	46.145	ug/l	92
55) 1,1,2-Trichloroethane	9.134	97	64464	46.029	ug/l	100
56) Ethyl methacrylate	9.104	69	95840	50.314	ug/l	95
57) 1,3-Dichloropropane	9.293	76	111836	45.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	269541	230.845	ug/l	96
59) 2-Hexanone	9.415	43	245218	223.292	ug/l	96
60) Dibromochloromethane	9.506	129	86187	49.166	ug/l	100
61) 1,2-Dibromoethane	9.592	107	68556	47.739	ug/l	97
64) Tetrachloroethene	9.256	164	63489	45.253	ug/l	97
65) Chlorobenzene	10.061	112	194934	44.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	71808	45.547	ug/l	98
67) Ethyl Benzene	10.177	91	333613	44.479	ug/l	99
68) m/p-Xylenes	10.287	106	252110	90.224	ug/l	100
69) o-Xylene	10.628	106	121363	46.139	ug/l	100
70) Styrene	10.640	104	214601	47.397	ug/l	100
71) Bromoform	10.780	173	55280	47.749	ug/l #	98
73) Isopropylbenzene	10.945	105	317046	44.411	ug/l	99
74) N-amyl acetate	10.823	43	113366	42.567	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	85247	42.151	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	76811m	49.007	ug/l	
77) Bromobenzene	11.183	156	79969	44.763	ug/l	94
78) n-propylbenzene	11.286	91	366950	42.387	ug/l	97
79) 2-Chlorotoluene	11.347	91	222049	42.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	263904	45.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	26458	41.335	ug/l	97
82) 4-Chlorotoluene	11.439	91	264717	43.067	ug/l	99
83) tert-Butylbenzene	11.695	119	265881	44.911	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	265526	45.505	ug/l	100
85) sec-Butylbenzene	11.872	105	316716	43.760	ug/l	99
86) p-Isopropyltoluene	11.987	119	271545	44.511	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	145414	43.525	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	143893	41.549	ug/l	97
89) n-Butylbenzene	12.311	91	241534	42.507	ug/l	99
90) Hexachloroethane	12.518	117	52410	40.703	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	137009	43.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	16811	45.490	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	86386	46.359	ug/l	99
94) Hexachlorobutadiene	13.707	225	33418	46.500	ug/l	96
95) Naphthalene	13.755	128	243331	49.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	81750	47.549	ug/l	98

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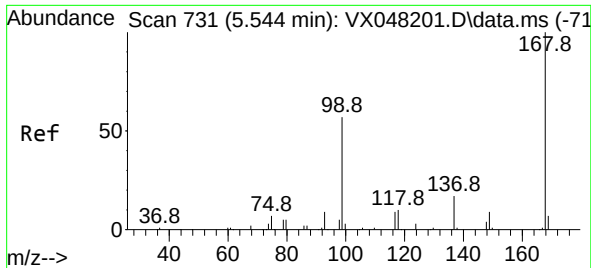
Manual Integrations
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Response via : Initial Calibration

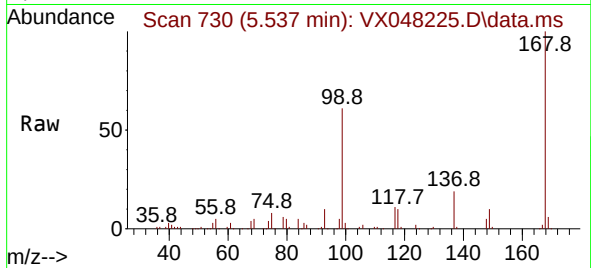
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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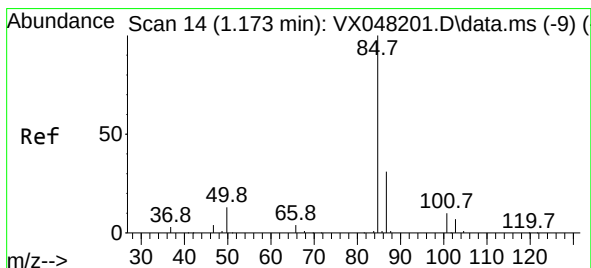
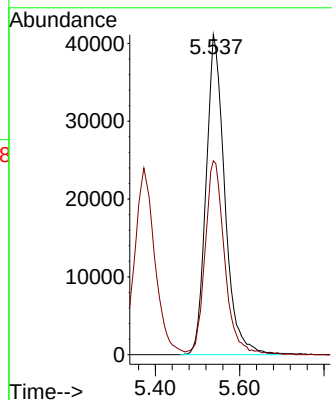
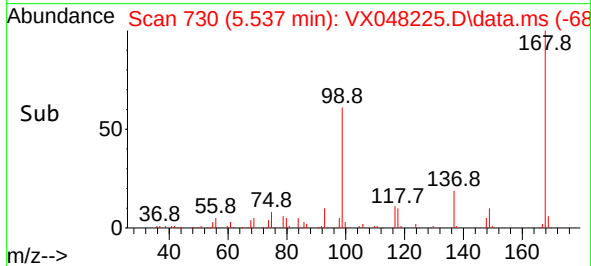
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 126709
Ion Ratio Lower Upper
168 100
99 60.4 46.4 69.6

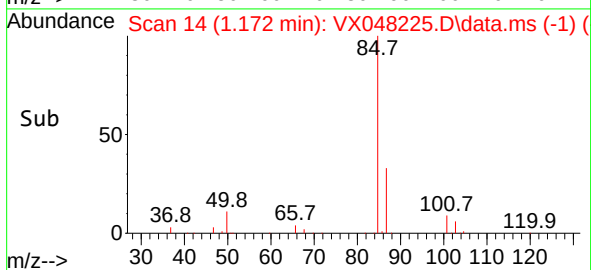
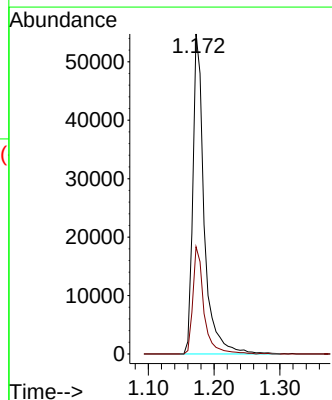
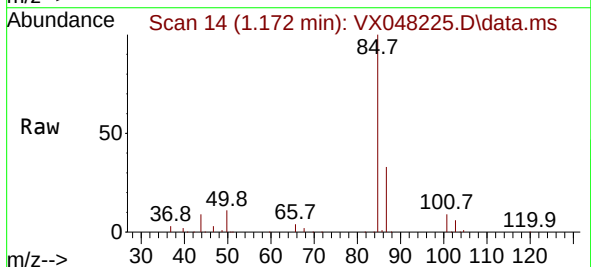
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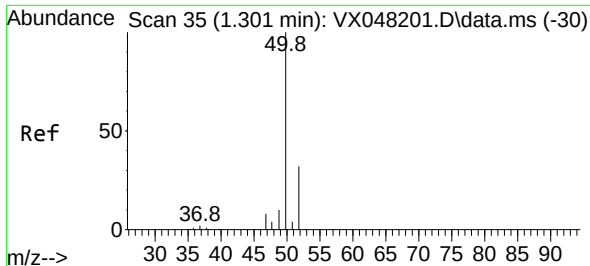
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 49.120 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

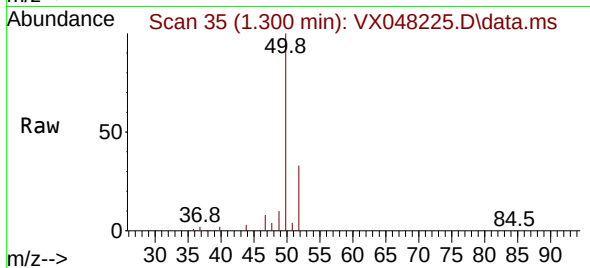
Tgt Ion: 85 Resp: 65322
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





#3
Chloromethane
Concen: 38.351 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

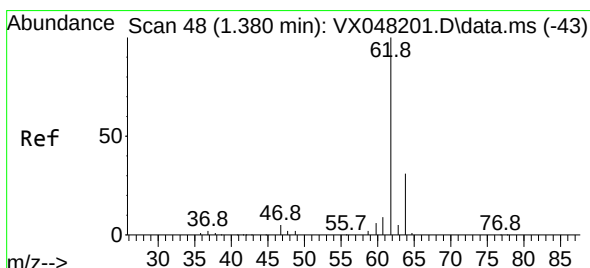
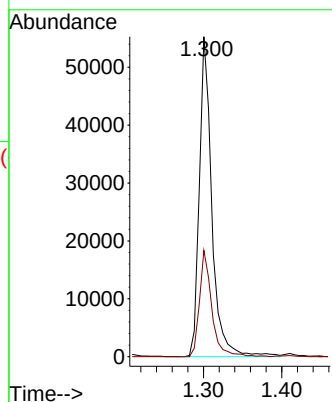
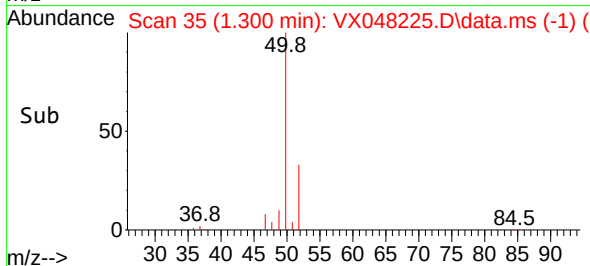
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Tgt Ion: 50 Resp: 61780
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

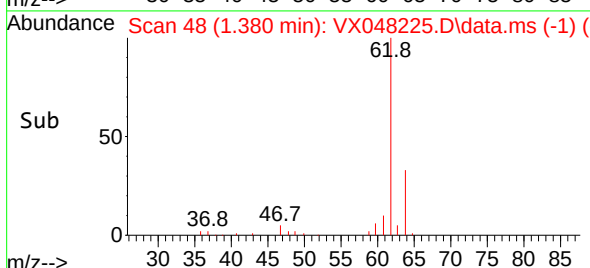
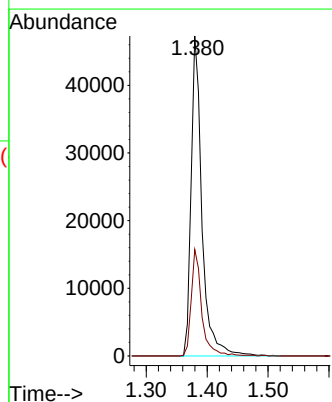
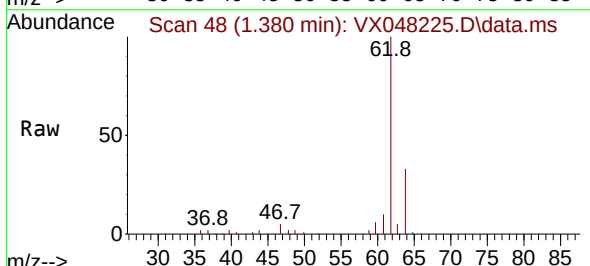
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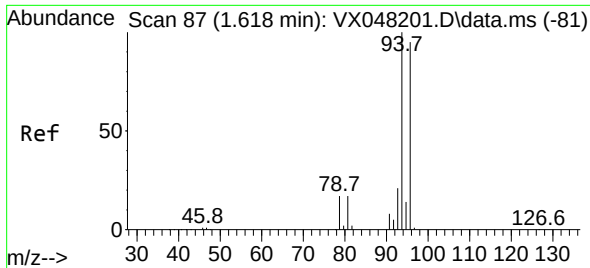
Reviewed By :John Carlone 10/20/2025
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#4
Vinyl Chloride
Concen: 34.478 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

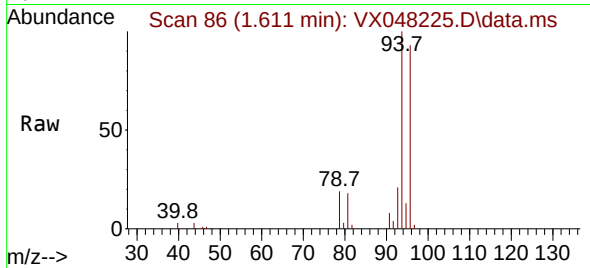
Tgt Ion: 62 Resp: 58531
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7





#5
Bromomethane
Concen: 33.962 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

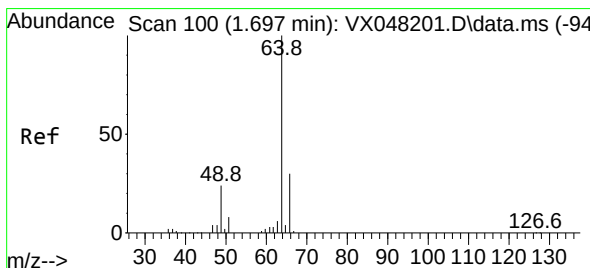
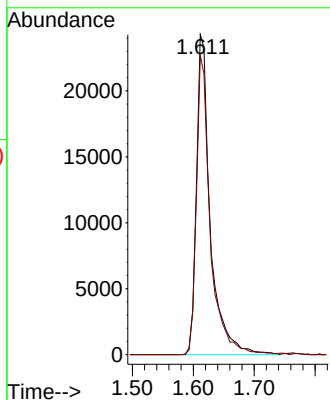
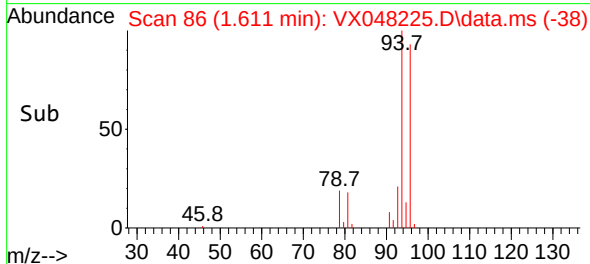
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Tgt Ion: 94 Resp: 38340
Ion Ratio Lower Upper
94 100
96 93.4 76.0 114.0

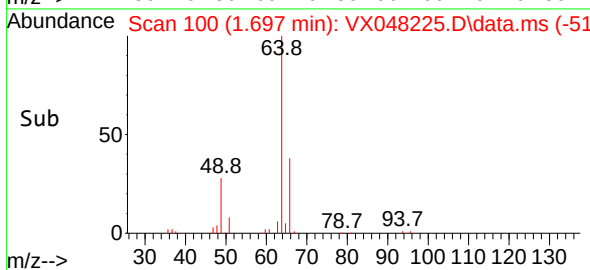
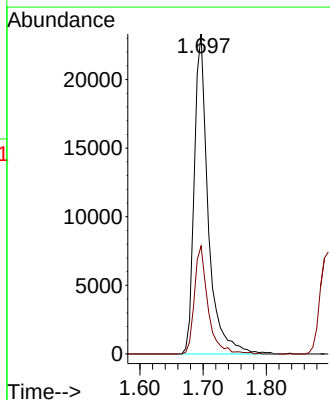
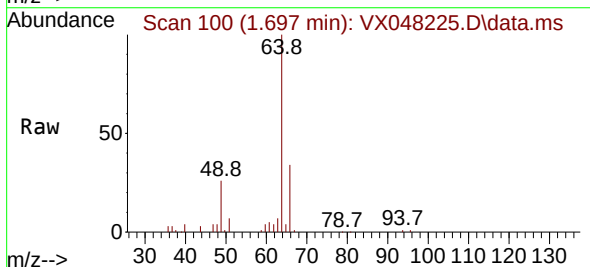
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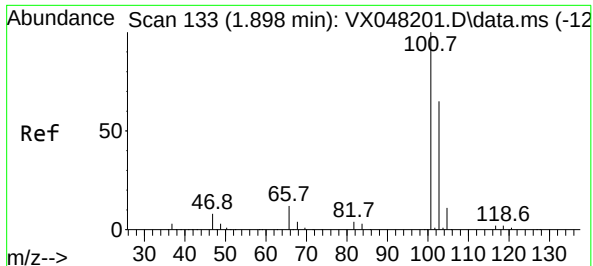
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#6
Chloroethane
Concen: 33.205 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

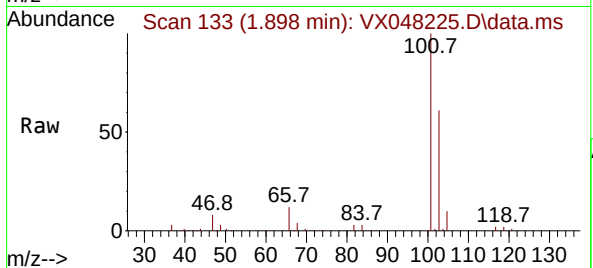
Tgt Ion: 64 Resp: 35872
Ion Ratio Lower Upper
64 100
66 33.7 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 41.044 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048225.D
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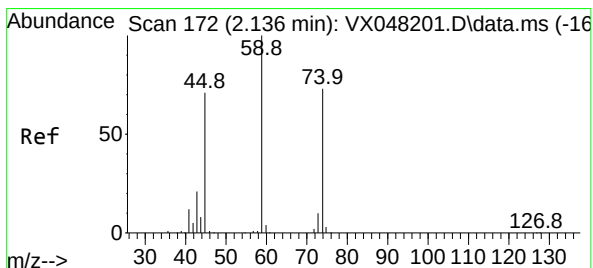
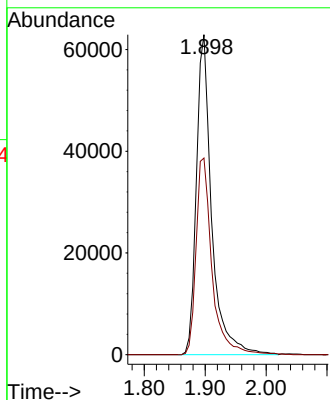
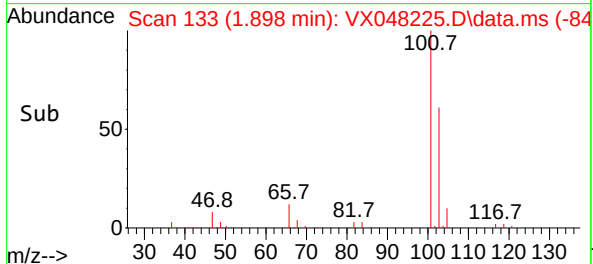
Instrument :
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Tgt Ion:101 Resp: 109360
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4

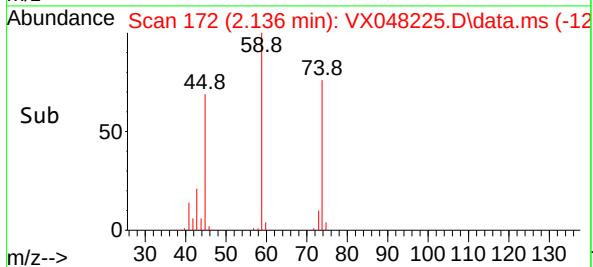
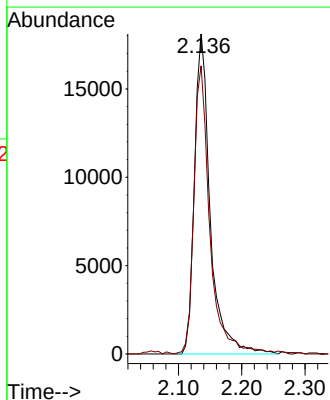
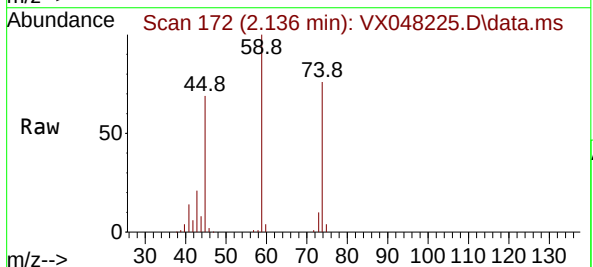
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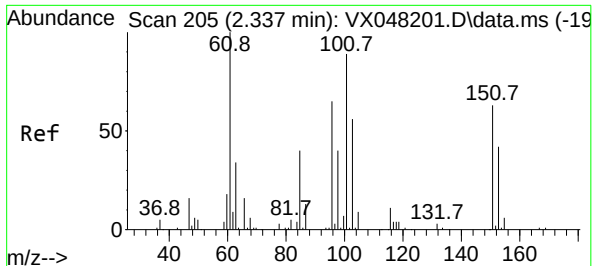
Reviewed By :John Carlone 10/20/2025
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#8
 Diethyl Ether
 Concen: 34.574 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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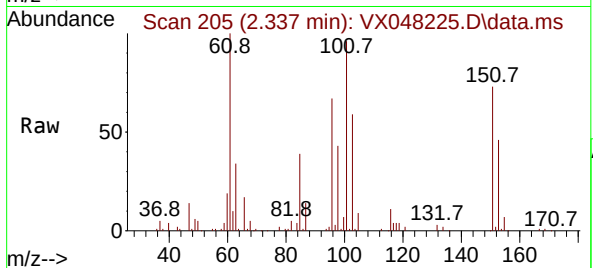
Tgt Ion: 74 Resp: 31424
 Ion Ratio Lower Upper
 74 100
 45 91.9 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.871 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048225.D
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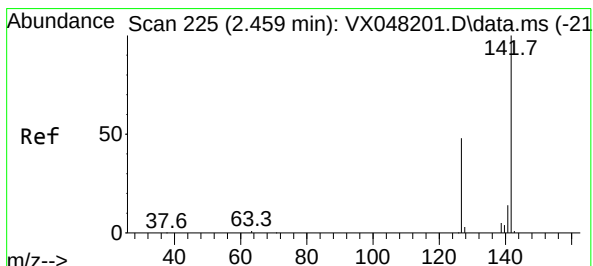
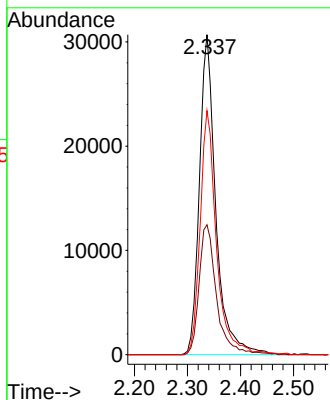
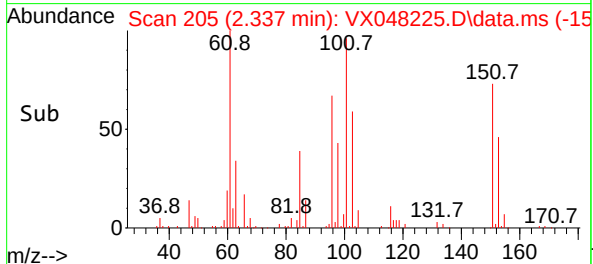
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



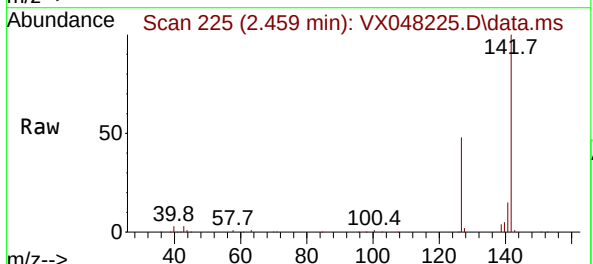
Tgt Ion:101 Resp: 65874
Ion Ratio Lower Upper
101 100
85 43.3 35.6 53.4
151 75.4 58.0 87.0

Manual Integrations
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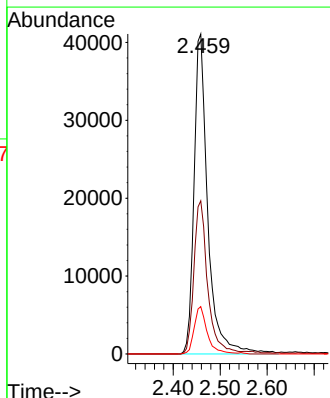
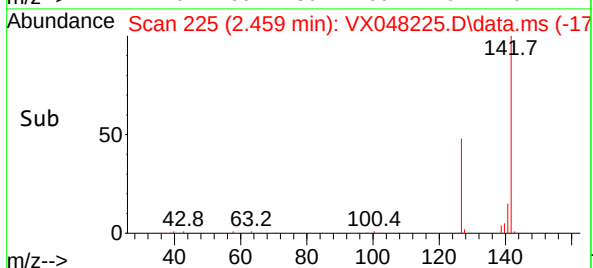
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

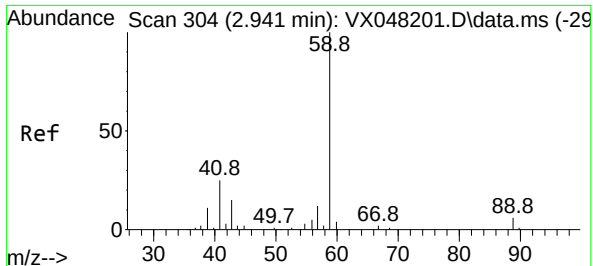


#10
Methyl Iodide
Concen: 46.655 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



Tgt Ion:142 Resp: 83910
Ion Ratio Lower Upper
142 100
127 47.8 38.5 57.7
141 14.1 11.6 17.4





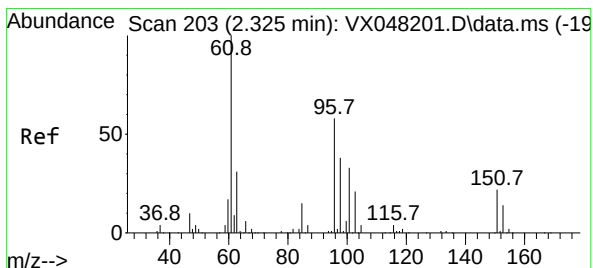
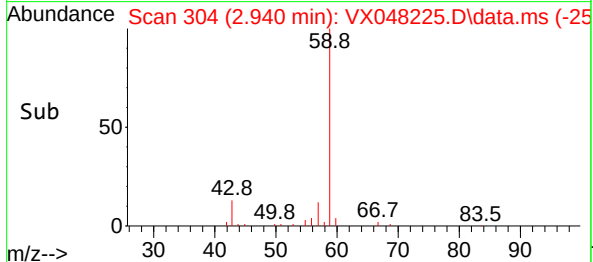
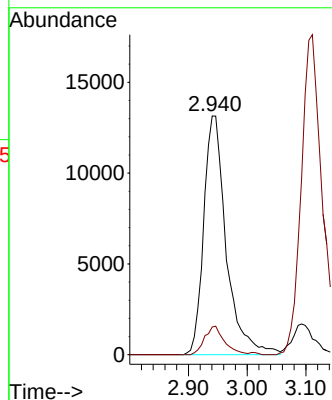
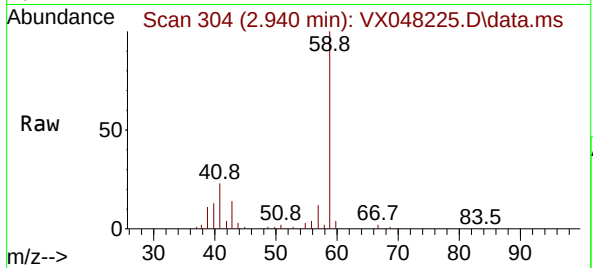
#11
Tert butyl alcohol
Concen: 269.203 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 35062
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

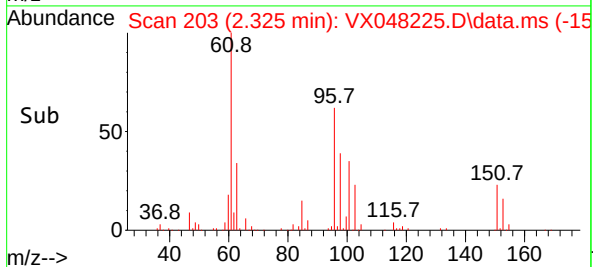
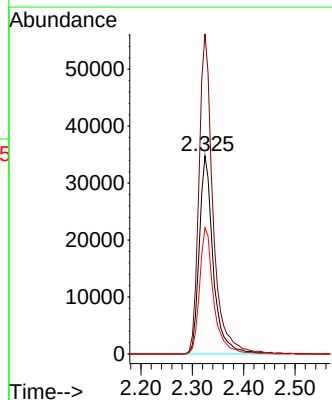
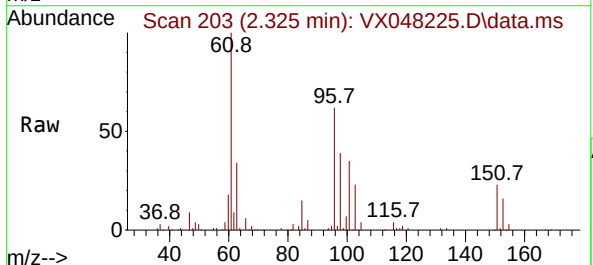
Manual Integrations
APPROVED

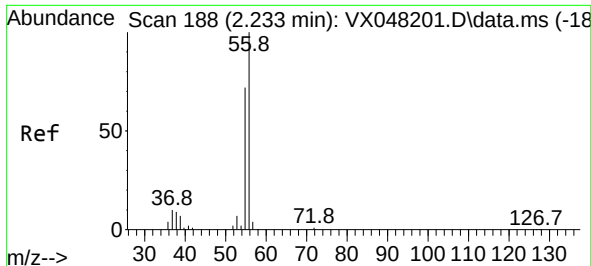
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#12
1,1-Dichloroethene
Concen: 44.692 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

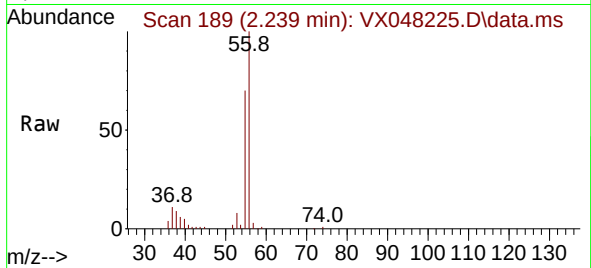
Tgt Ion: 96 Resp: 65618
Ion Ratio Lower Upper
96 100
61 161.5 139.0 208.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 181.568 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

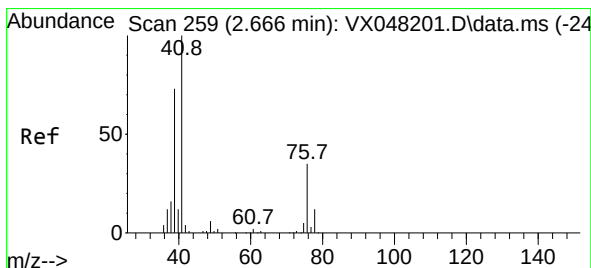
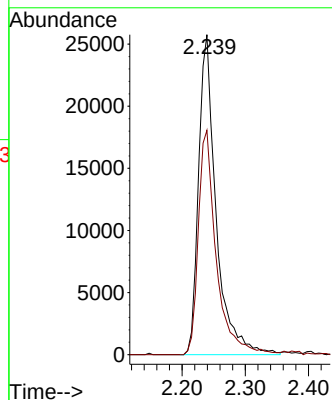
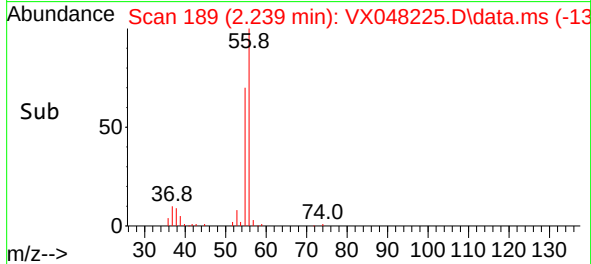
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4969
Ion Ratio Lower Upper
56 100
55 71.9 56.1 84.1

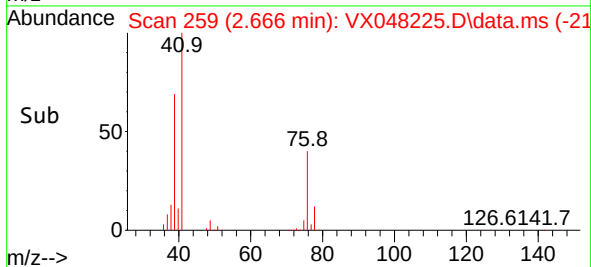
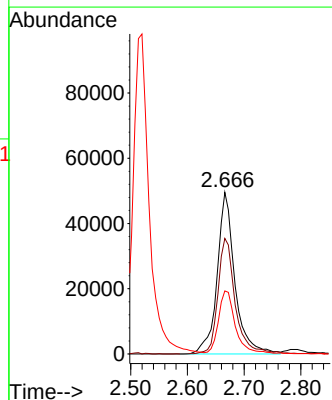
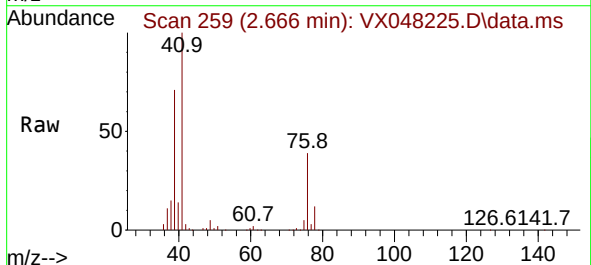
Manual Integrations
APPROVED

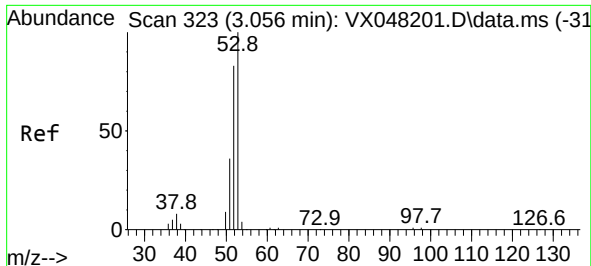
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#14
Allyl chloride
Concen: 40.775 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

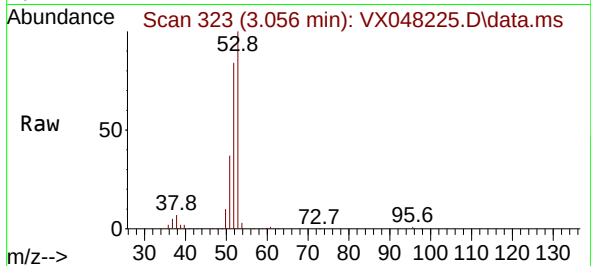
Tgt Ion: 41 Resp: 107688
Ion Ratio Lower Upper
41 100
39 70.4 56.0 84.0
76 37.1 27.5 41.3





#15
Acrylonitrile
Concen: 241.752 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

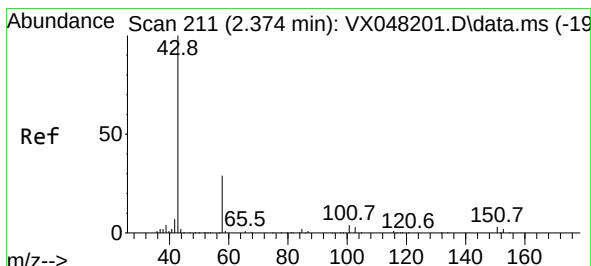
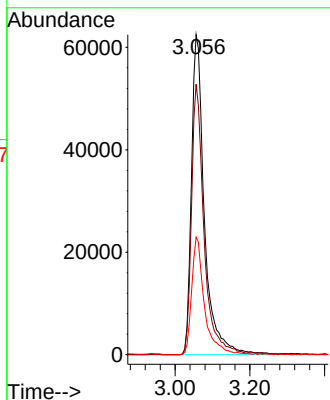
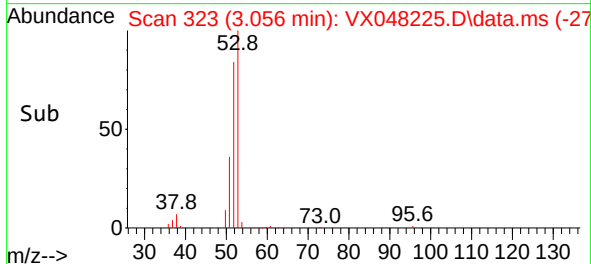
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 150878
Ion Ratio Lower Upper
53 100
52 81.6 66.1 99.1
51 36.2 29.0 43.4

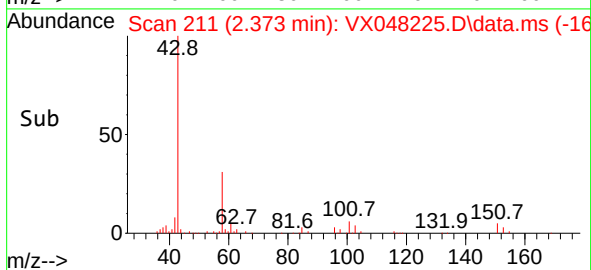
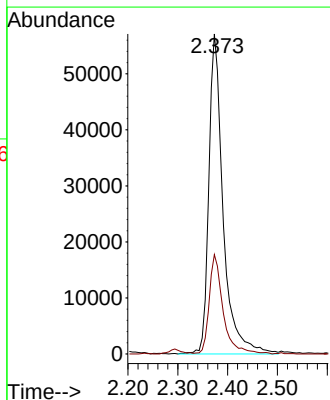
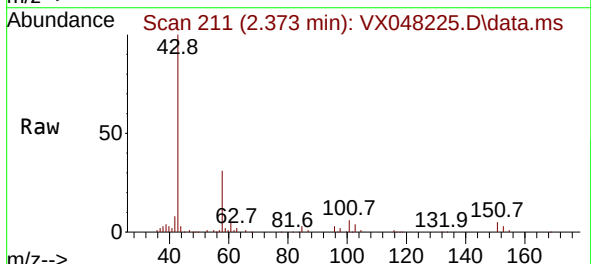
Manual Integrations
APPROVED

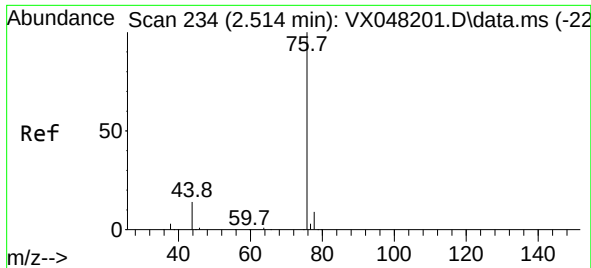
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#16
Acetone
Concen: 169.582 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 43 Resp: 113554
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.2





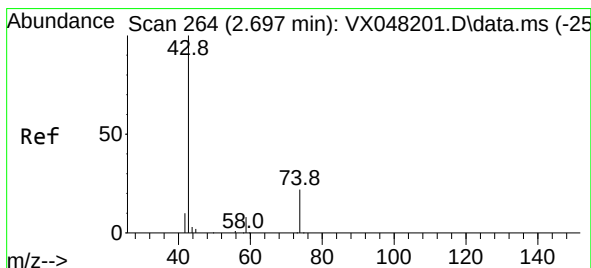
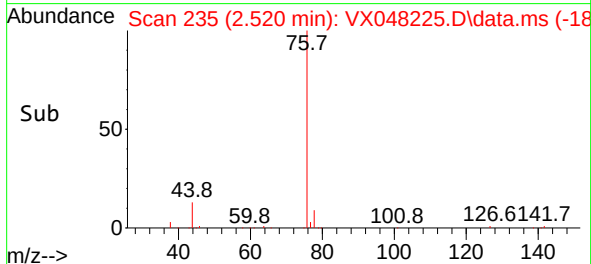
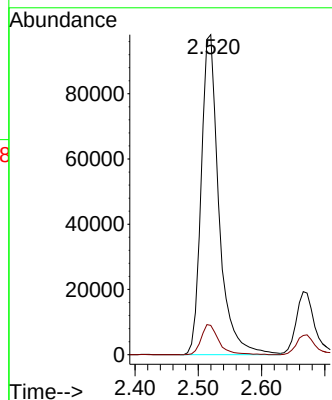
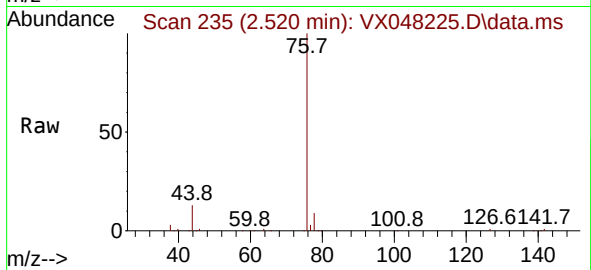
#17
Carbon Disulfide
Concen: 42.436 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 19170
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

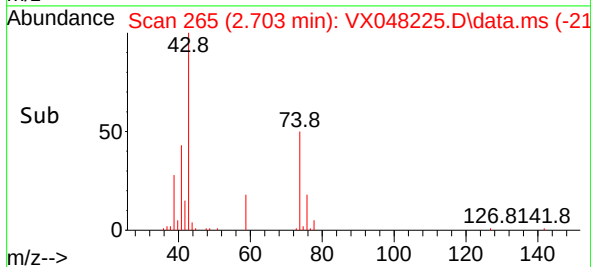
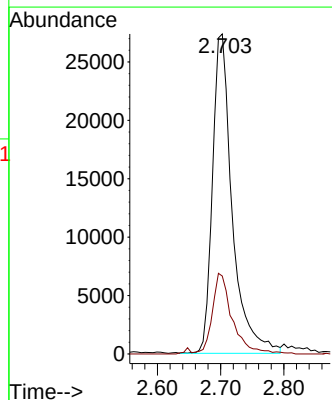
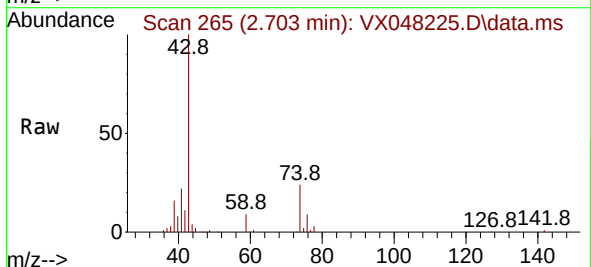
Manual Integrations
APPROVED

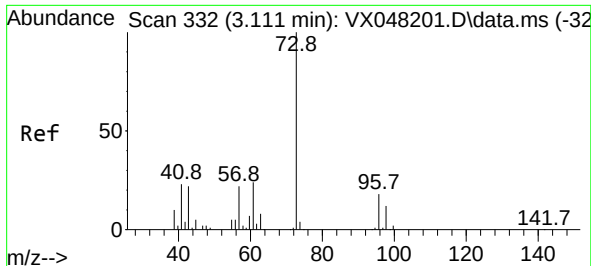
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methyl Acetate
Concen: 43.529 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 43 Resp: 59367
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3





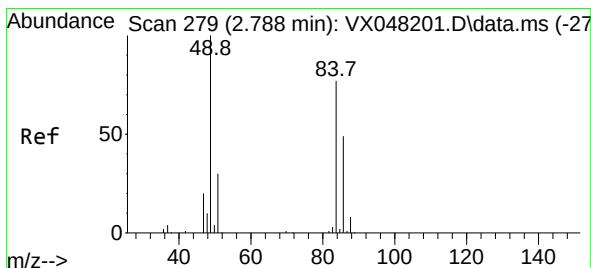
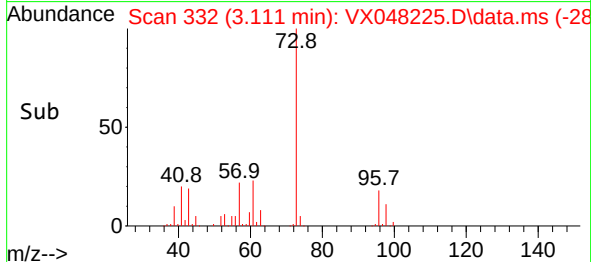
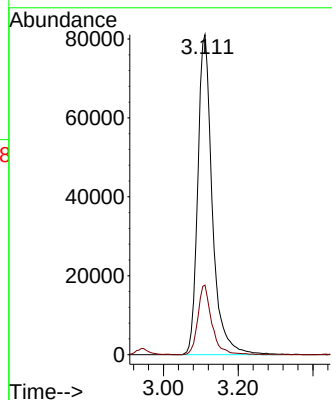
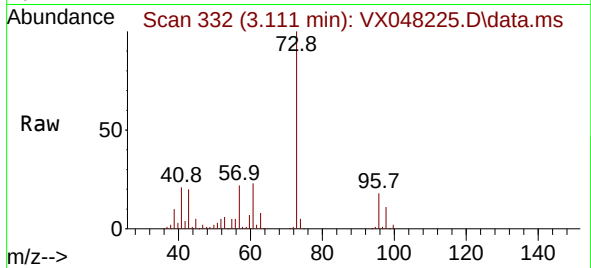
#19
Methyl tert-butyl Ether
Concen: 49.332 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 21817
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

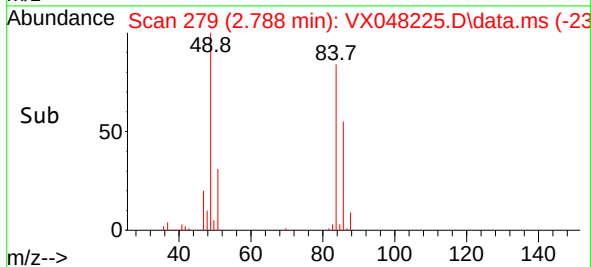
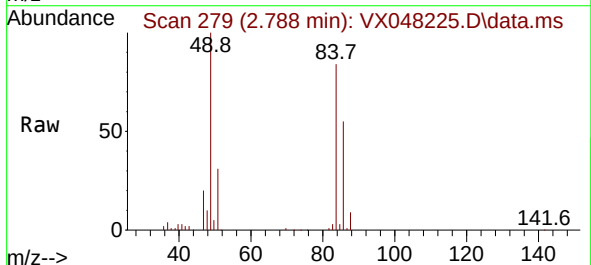
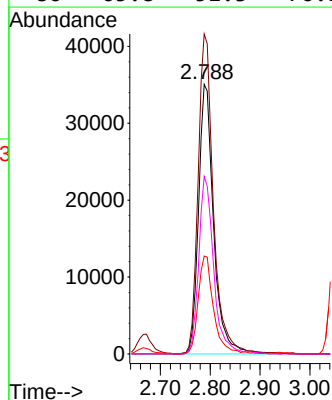
Manual Integrations
APPROVED

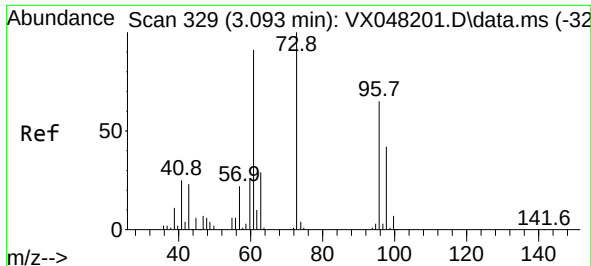
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Methylene Chloride
Concen: 45.262 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 84 Resp: 73833
Ion Ratio Lower Upper
84 100
49 118.7 104.1 156.1
51 36.7 31.3 46.9
86 65.8 51.3 76.9





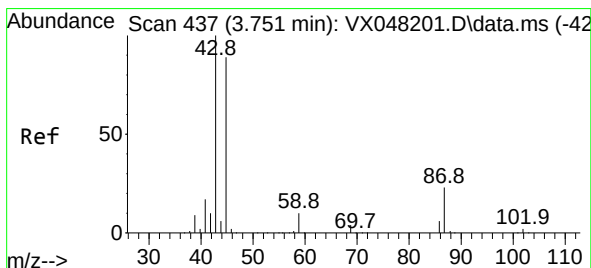
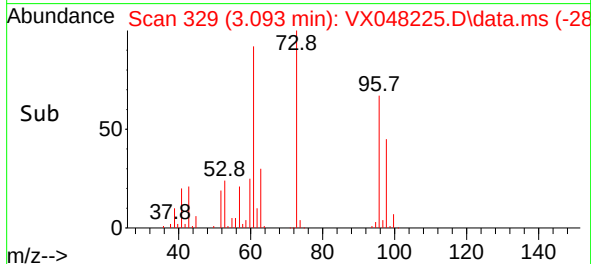
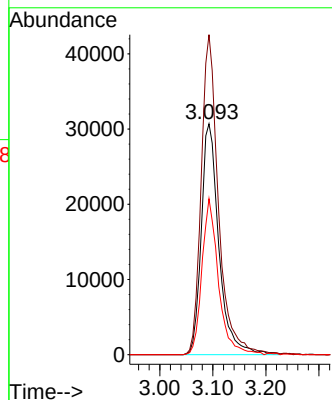
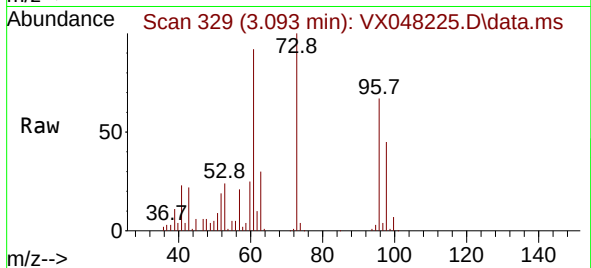
#21
trans-1,2-Dichloroethene
Concen: 46.725 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 70972
Ion Ratio Lower Upper
96 100
61 138.6 111.9 167.9
98 67.6 51.2 76.8

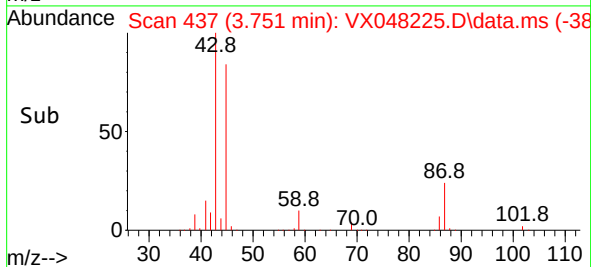
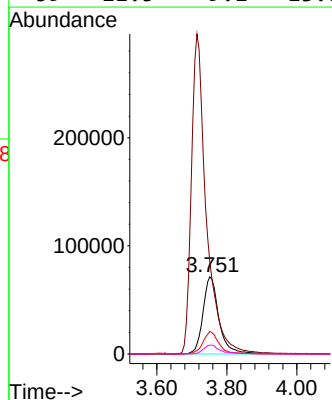
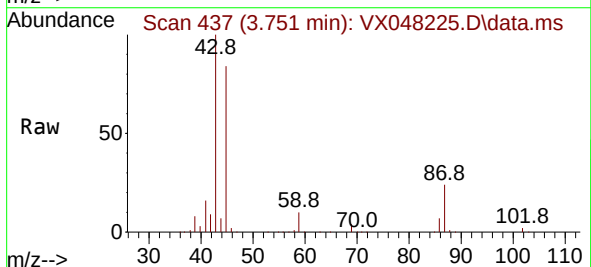
Manual Integrations
APPROVED

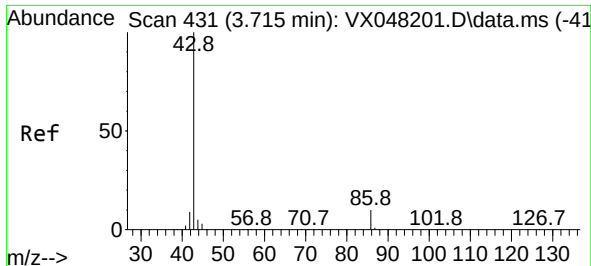
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
Diisopropyl ether
Concen: 43.592 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

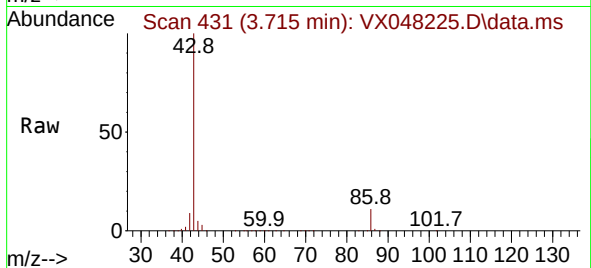
Tgt Ion: 45 Resp: 225433
Ion Ratio Lower Upper
45 100
43 119.2 89.8 134.8
87 29.2 20.6 31.0
59 11.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 227.341 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

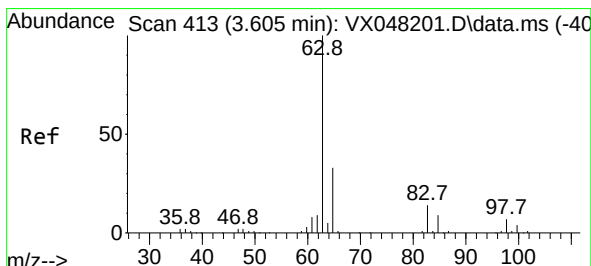
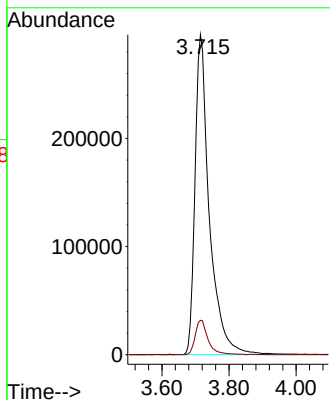
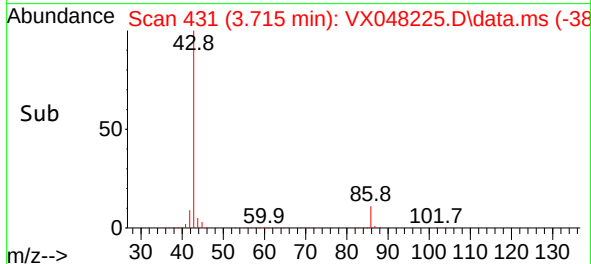
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



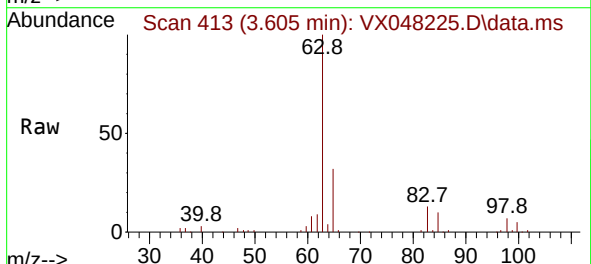
Tgt Ion: 43 Resp: 879098
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.9 11.9

Manual Integrations
 APPROVED

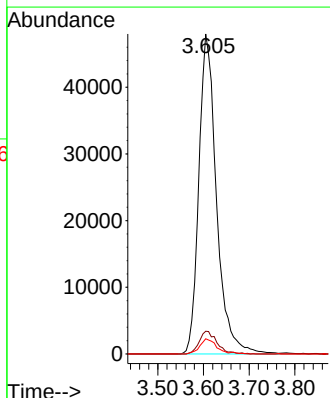
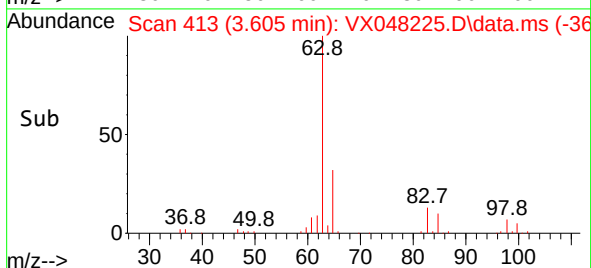
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

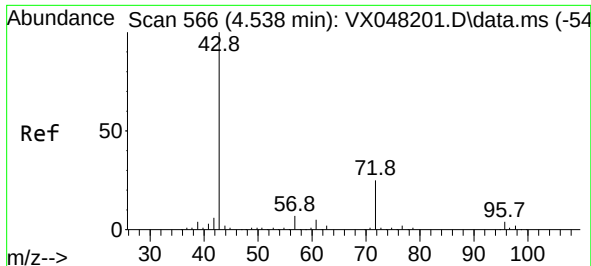


#24
 1,1-Dichloroethane
 Concen: 43.851 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39



Tgt Ion: 63 Resp: 128655
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.9 2.1 6.3





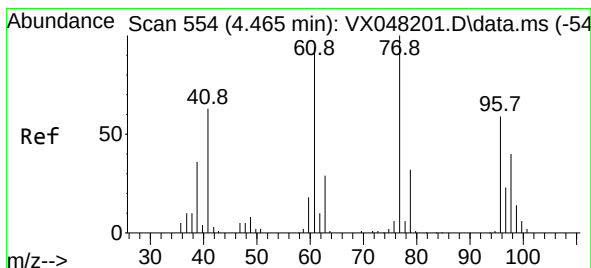
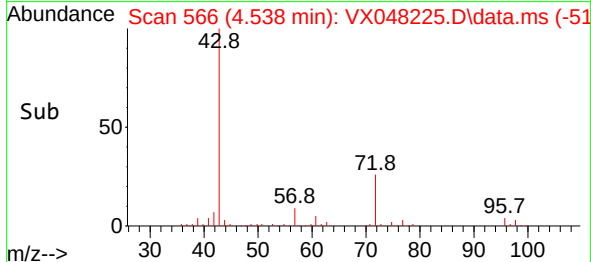
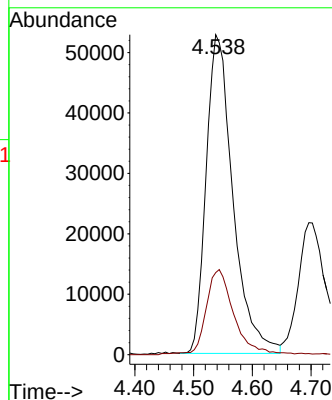
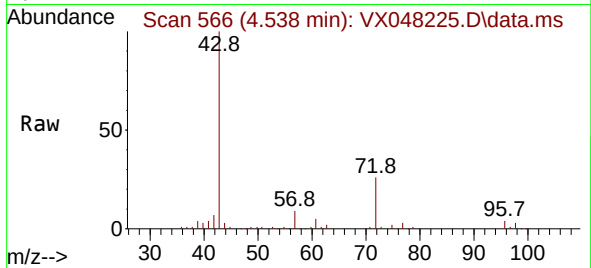
#25
2-Butanone
Concen: 214.284 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 167168
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9

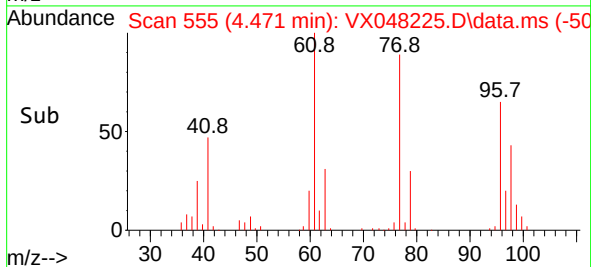
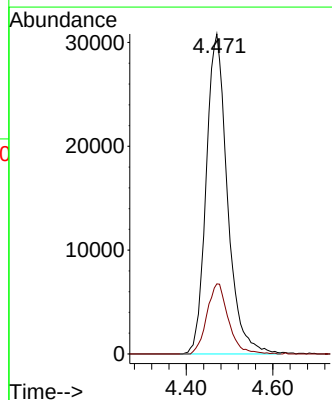
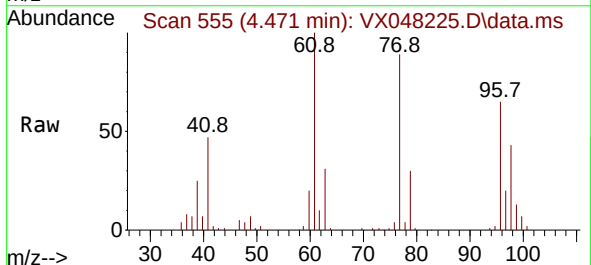
Manual Integrations
APPROVED

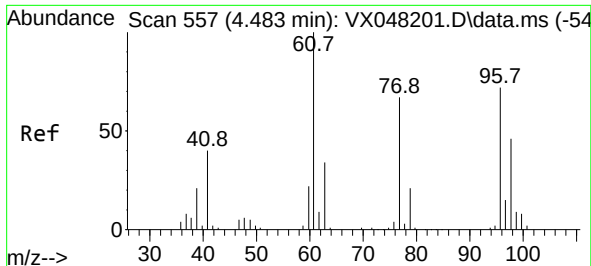
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#26
2,2-Dichloropropane
Concen: 41.852 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

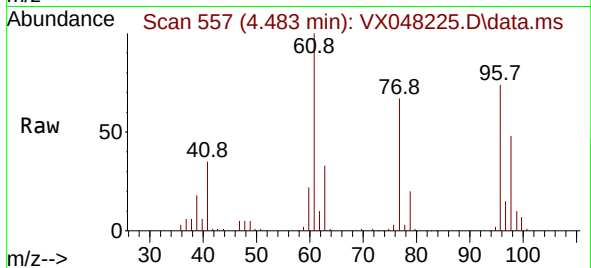
Tgt Ion: 77 Resp: 104953
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.277 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

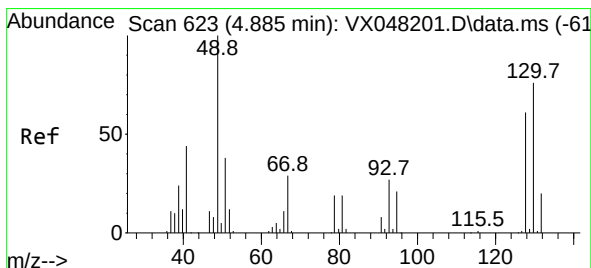
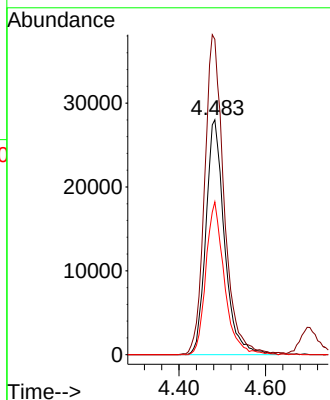
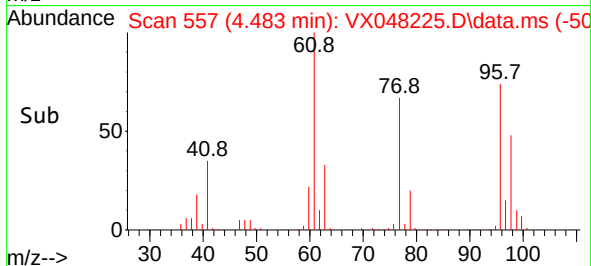
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8342
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 294.2
 98 64.7 0.0 128.4

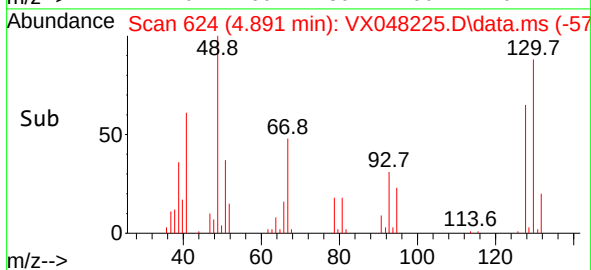
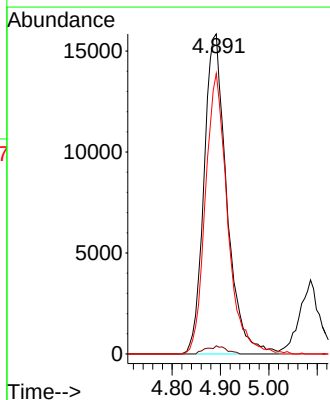
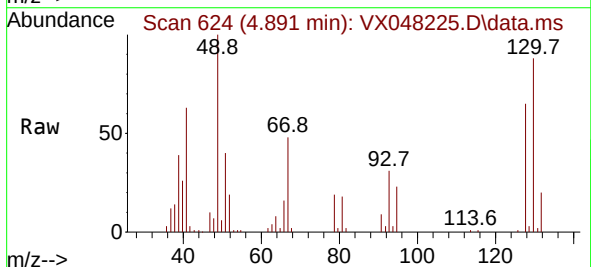
Manual Integrations
 APPROVED

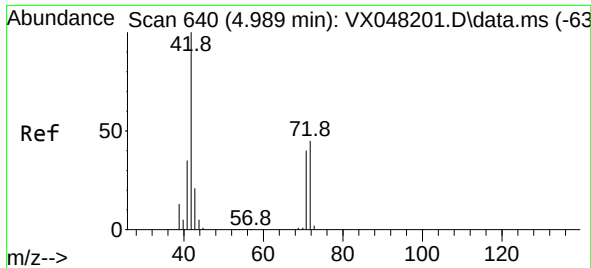
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#28
 Bromochloromethane
 Concen: 38.390 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

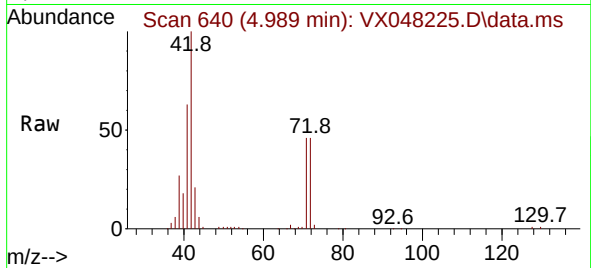
Tgt Ion: 49 Resp: 51918
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 85.3 59.3 88.9





#29
Tetrahydrofuran
Concen: 236.494 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

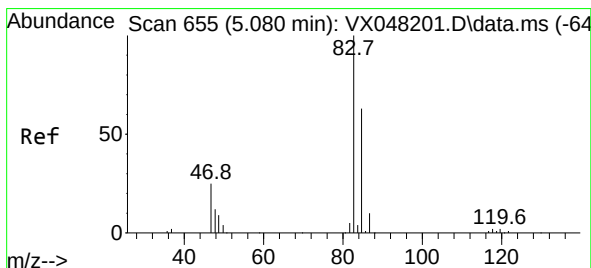
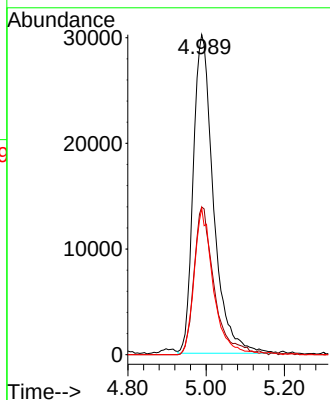
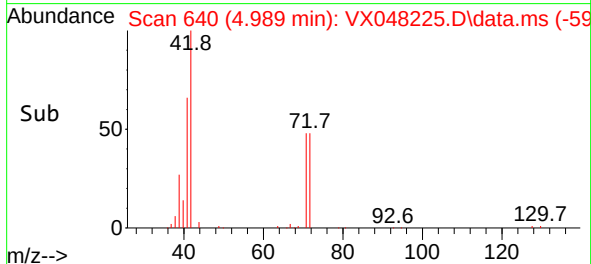
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 108340
Ion Ratio Lower Upper
42 100
72 46.0 35.3 52.9
71 43.4 32.2 48.4

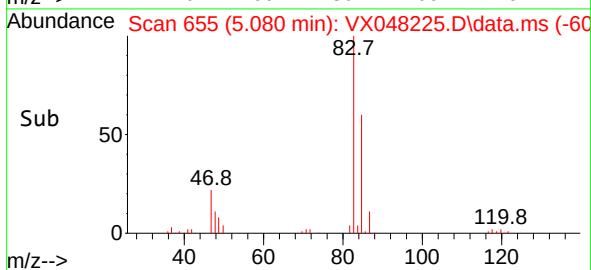
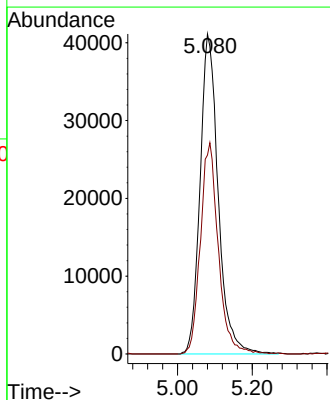
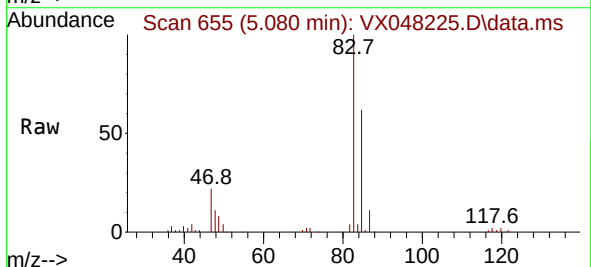
Manual Integrations
APPROVED

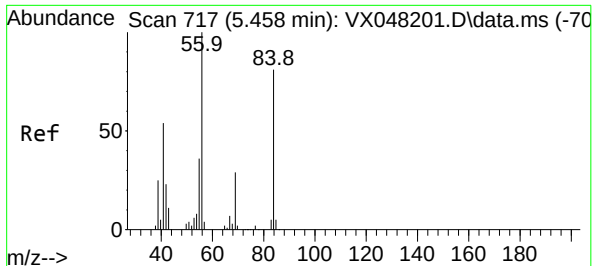
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#30
Chloroform
Concen: 44.812 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

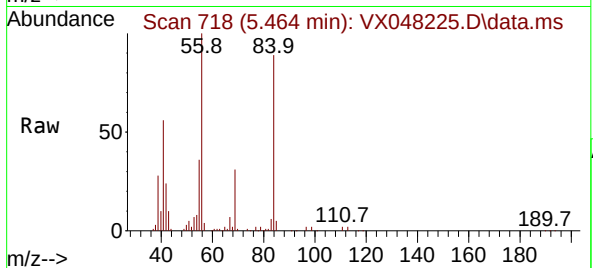
Tgt Ion: 83 Resp: 138417
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1





#31
Cyclohexane
Concen: 44.744 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

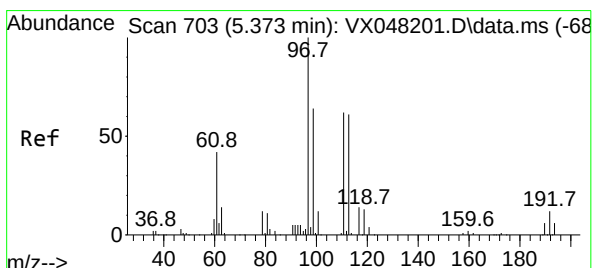
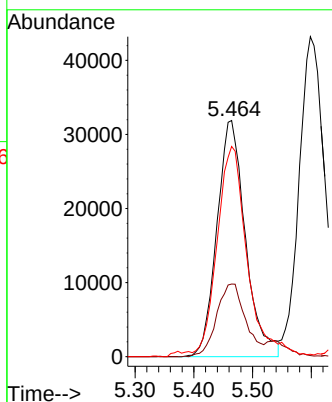
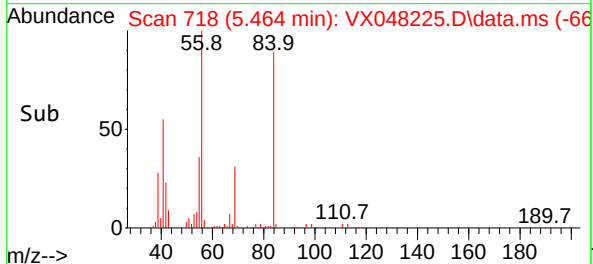
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 107414
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.6
84 86.5 64.6 97.0

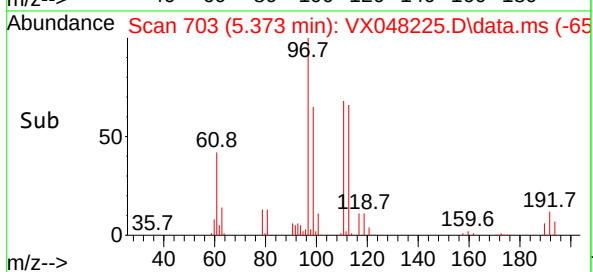
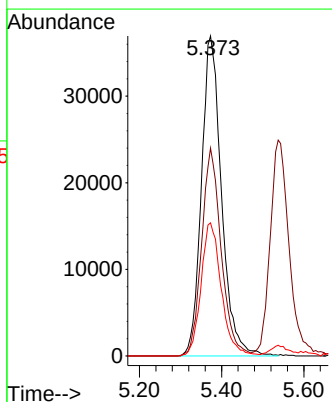
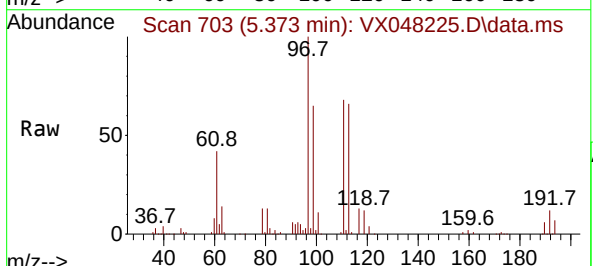
Manual Integrations
APPROVED

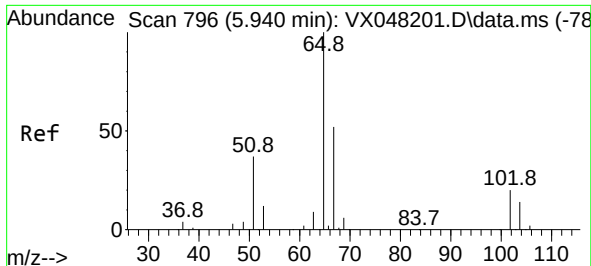
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 49.372 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

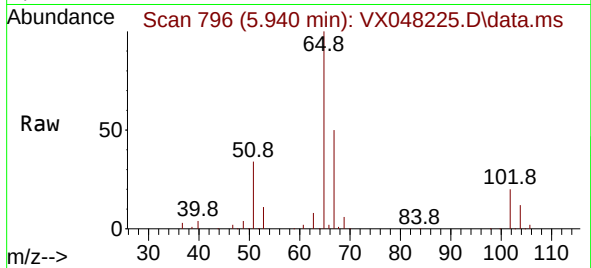
Tgt Ion: 97 Resp: 125303
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 42.0 34.8 52.2





#33
 1,2-Dichloroethane-d4
 Concen: 52.077 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

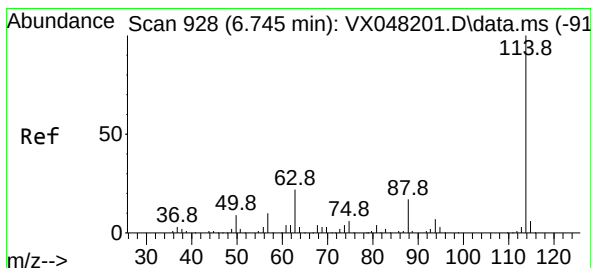
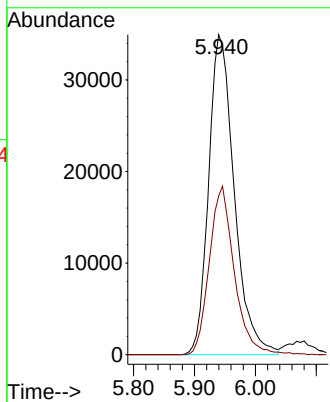
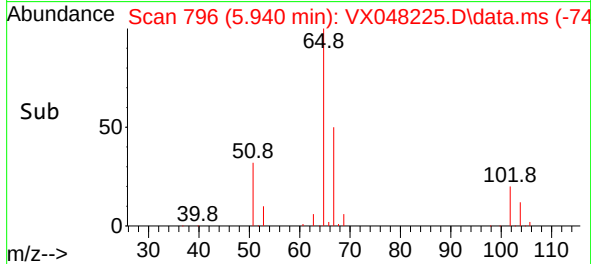
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



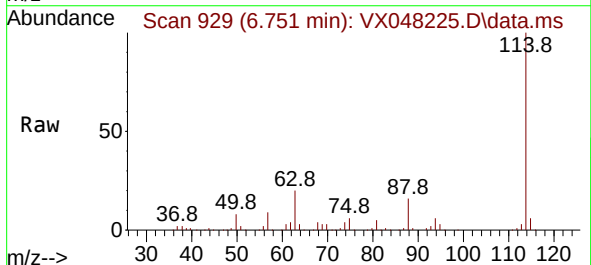
Tgt Ion: 65 Resp: 10222
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.0

Manual Integrations
 APPROVED

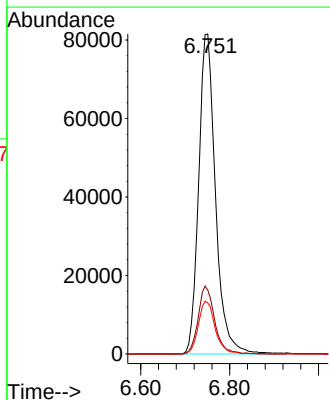
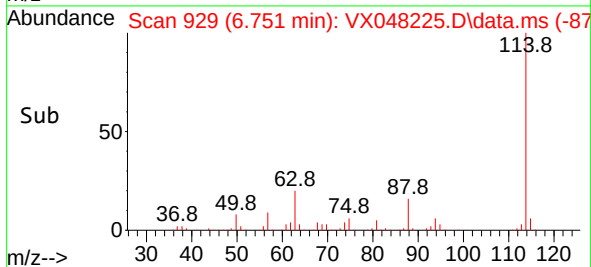
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

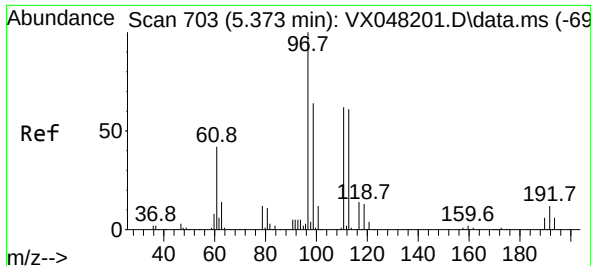


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39



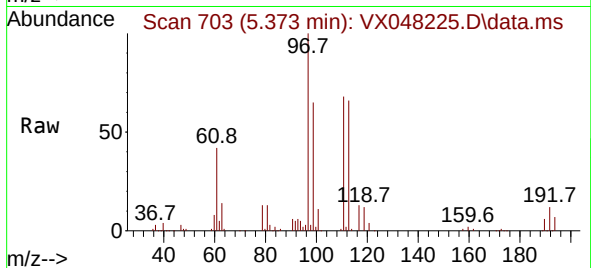
Tgt Ion:114 Resp: 215116
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.2
 88 15.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 54.488 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

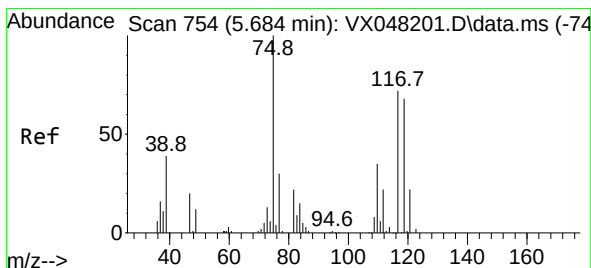
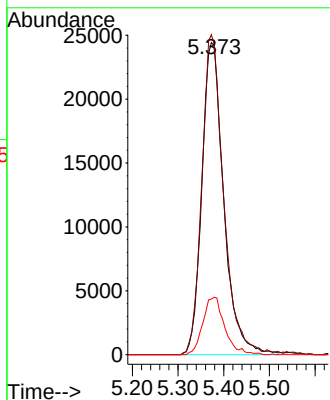
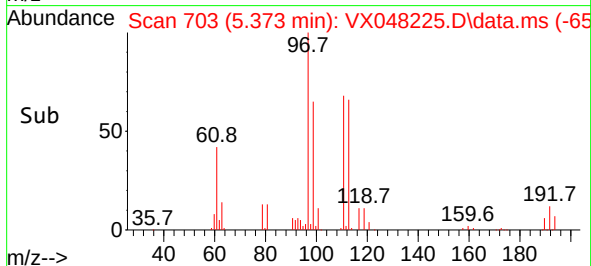
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 81349
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 18.3 15.1 22.7

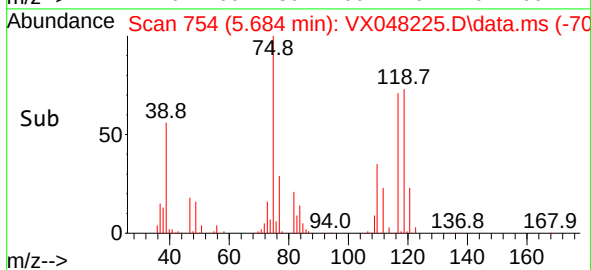
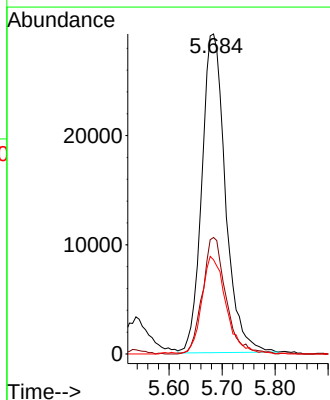
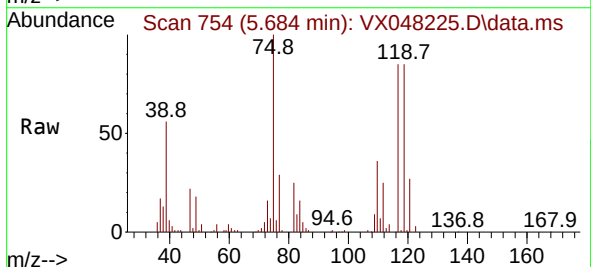
Manual Integrations
APPROVED

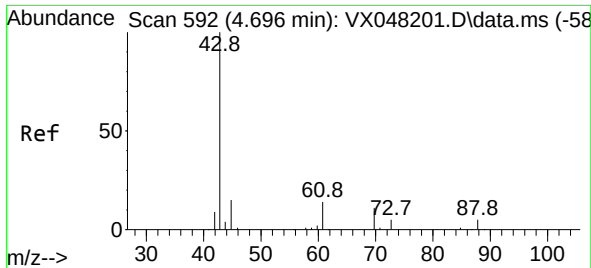
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,1-Dichloropropene
Concen: 42.934 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 75 Resp: 90296
Ion Ratio Lower Upper
75 100
110 36.3 17.7 53.1
77 31.4 24.3 36.5





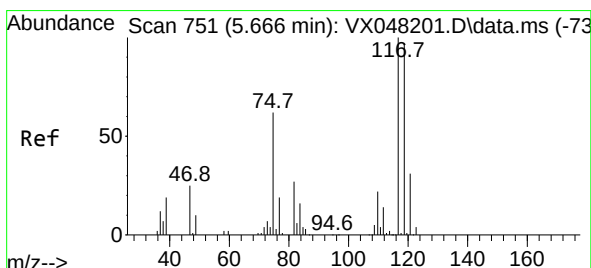
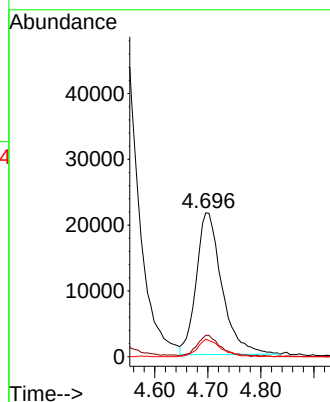
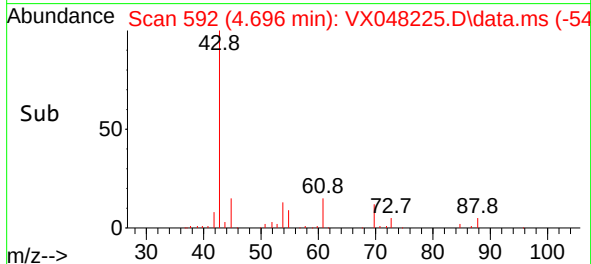
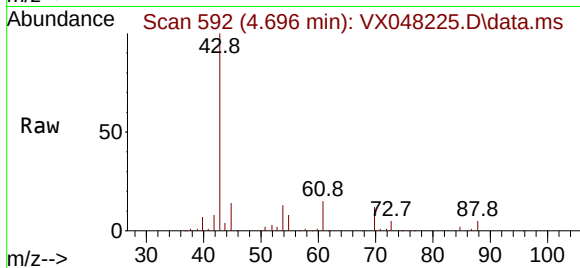
#37
Ethyl Acetate
Concen: 43.094 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 72432
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 11.0 7.8 11.6

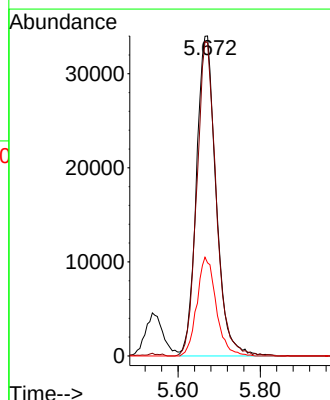
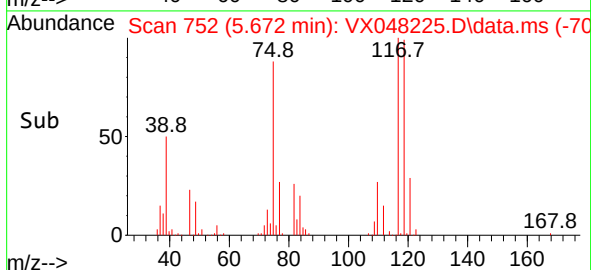
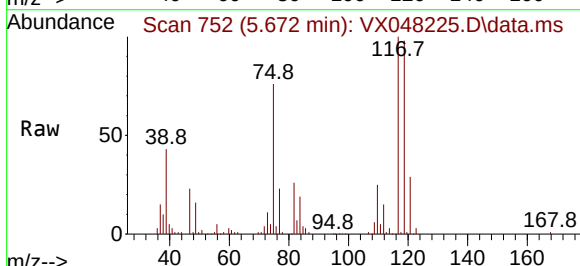
Manual Integrations
APPROVED

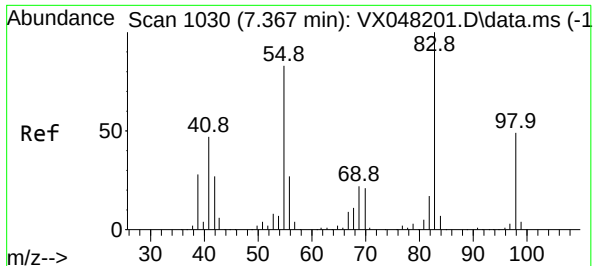
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Carbon Tetrachloride
Concen: 46.682 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion:117 Resp: 112692
Ion Ratio Lower Upper
117 100
119 97.9 77.2 115.8
121 29.1 24.8 37.2





#39

Methylcyclohexane

Concen: 45.673 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 108300

Ion Ratio Lower Upper

83 100

55 73.6 66.2 99.2

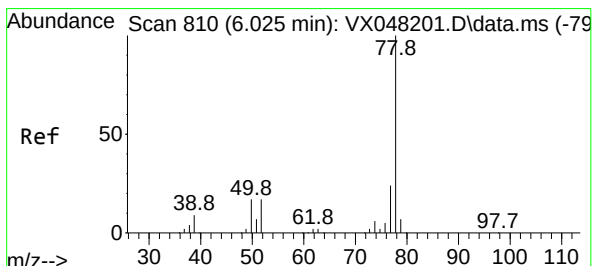
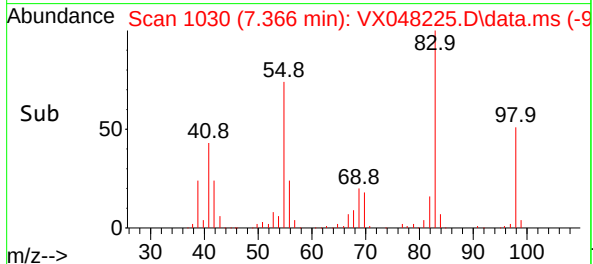
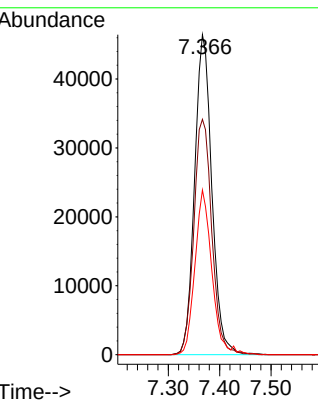
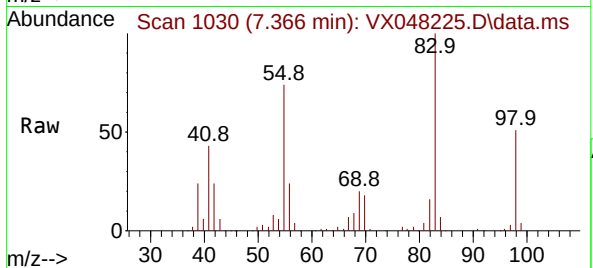
98 51.4 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#40

Benzene

Concen: 44.870 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048225.D

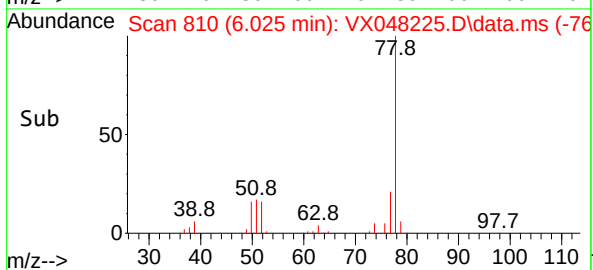
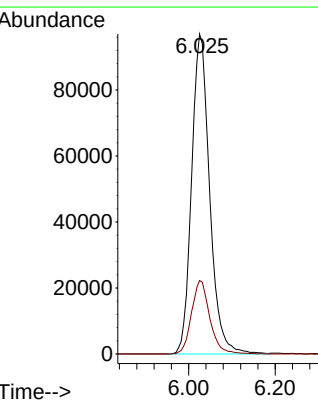
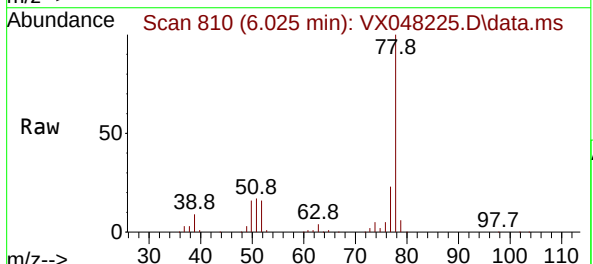
Acq: 17 Oct 2025 19:39

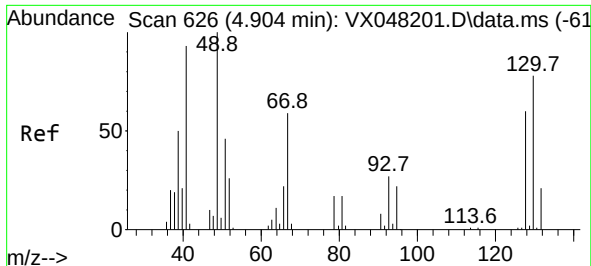
Tgt Ion: 78 Resp: 280217

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9





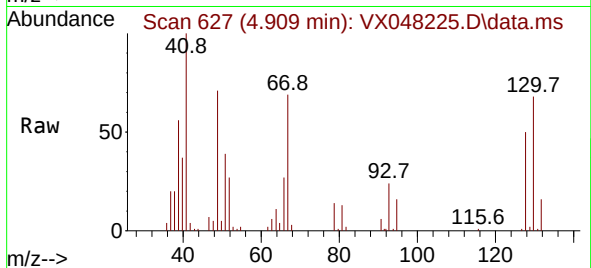
#41
Methacrylonitrile
Concen: 45.873 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



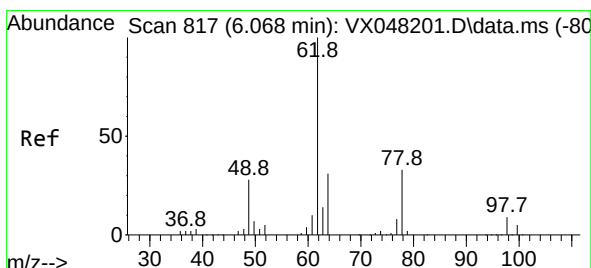
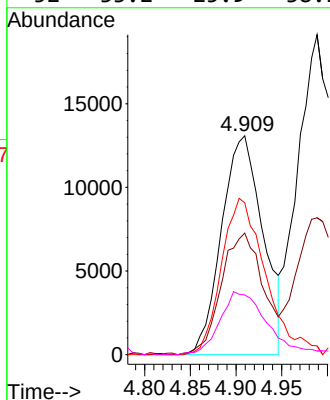
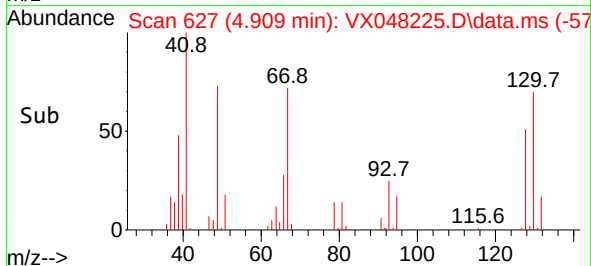
Tgt Ion: 41 Resp: 4129
Ion Ratio Lower Upper
41 100
39 56.2 44.0 66.0
67 75.8 58.7 88.1
52 33.2 25.9 38.9

Manual Integrations

APPROVED

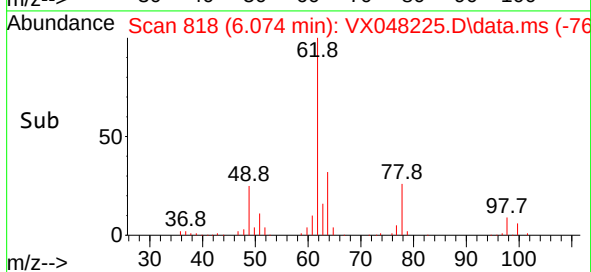
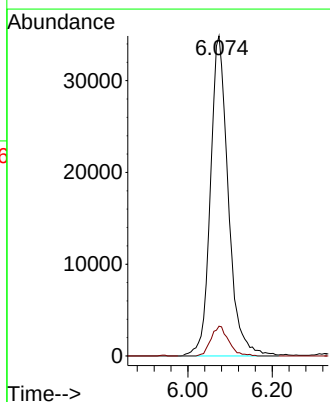
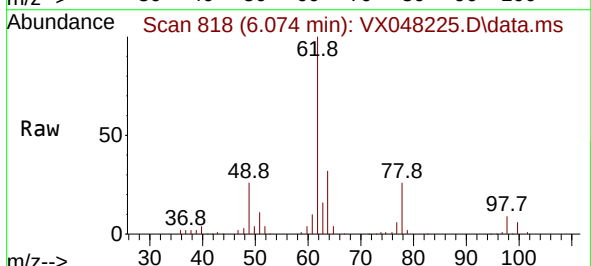
Reviewed By :John Carlone 10/20/2025

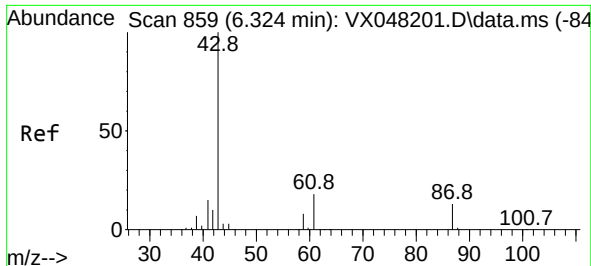
Supervised By :Mahesh Dadoda 10/20/2025



#42
1,2-Dichloroethane
Concen: 45.854 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

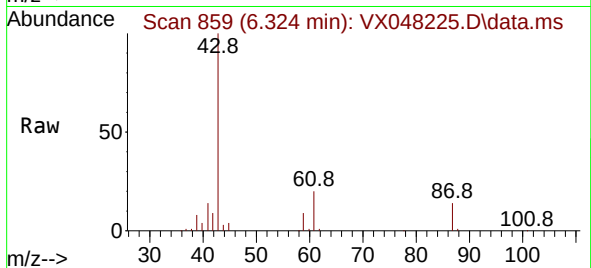
Tgt Ion: 62 Resp: 102596
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.2





#43
Isopropyl Acetate
Concen: 45.573 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

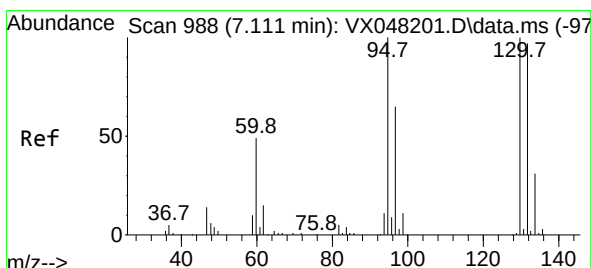
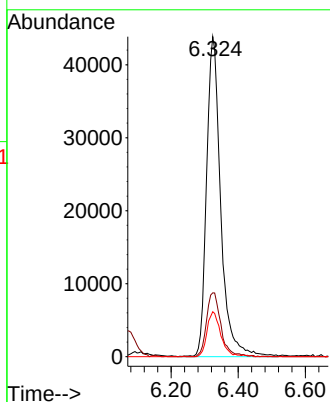
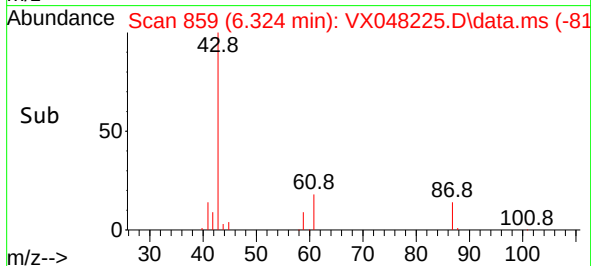
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 128582
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
87 13.6 9.4 14.2

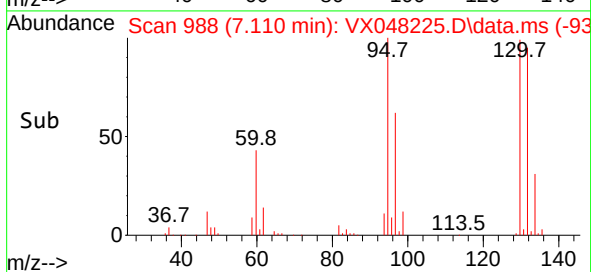
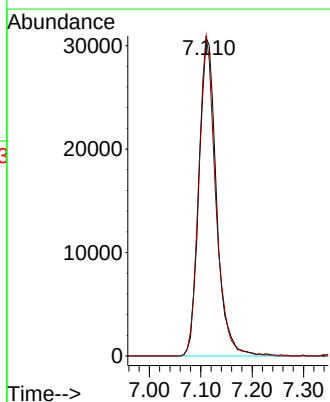
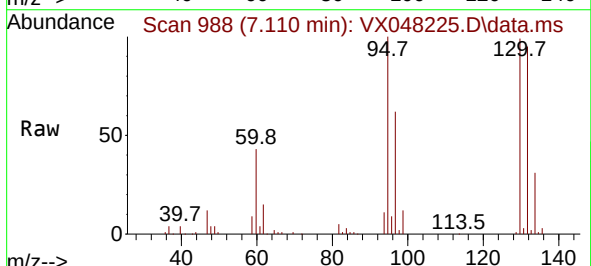
Manual Integrations
APPROVED

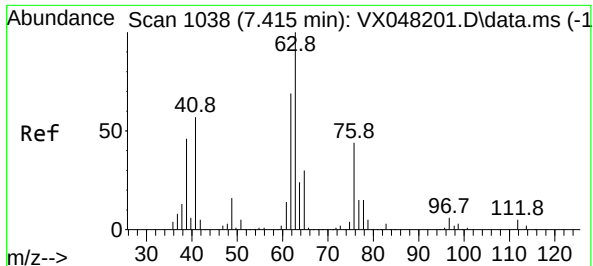
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Trichloroethene
Concen: 46.074 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion:130 Resp: 72516
Ion Ratio Lower Upper
130 100
95 100.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 43.092 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6810

Ion Ratio Lower Upper

63 100

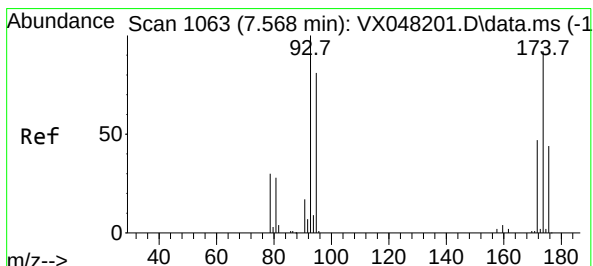
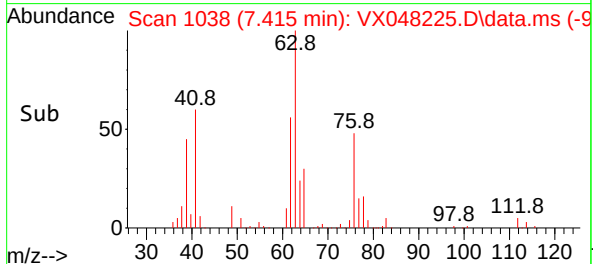
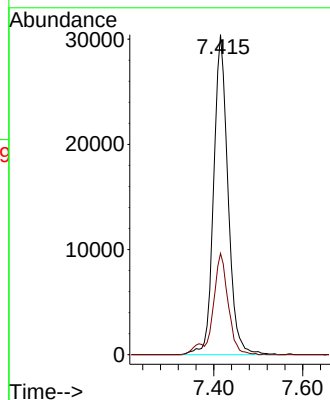
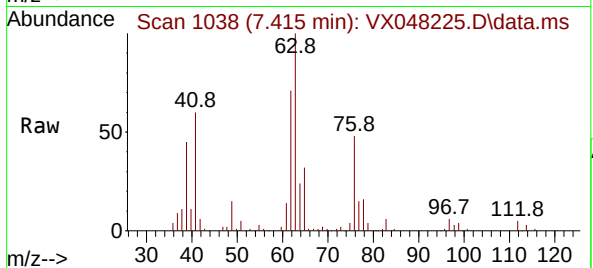
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#46

Dibromomethane

Concen: 44.629 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

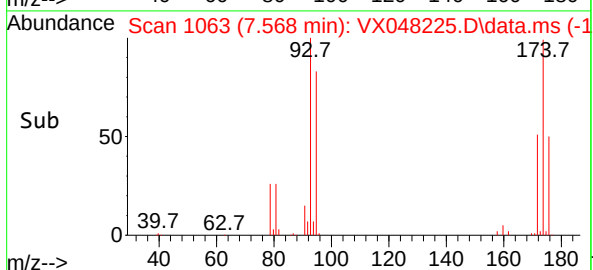
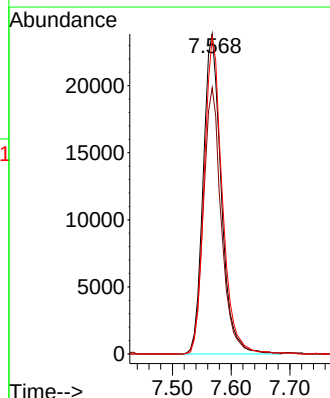
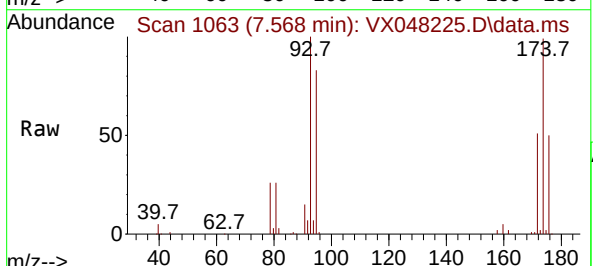
Tgt Ion: 93 Resp: 50752

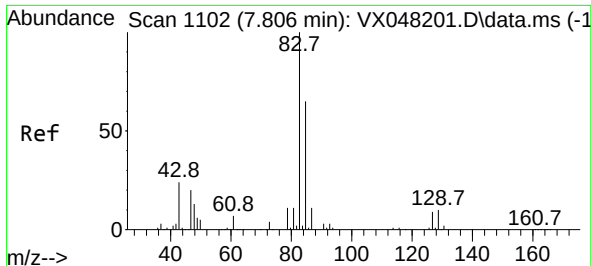
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

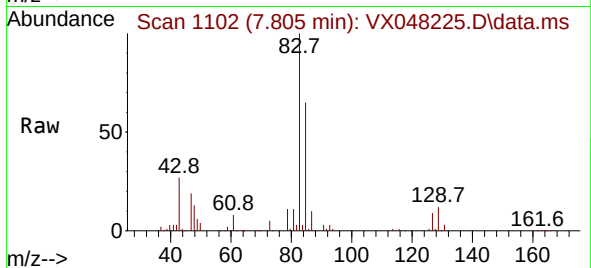
174 99.1 71.7 107.5





#47
Bromodichloromethane
Concen: 44.891 ug/l
RT: 7.805 min Scan# 110334
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

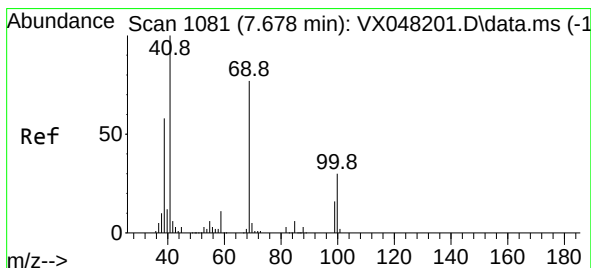
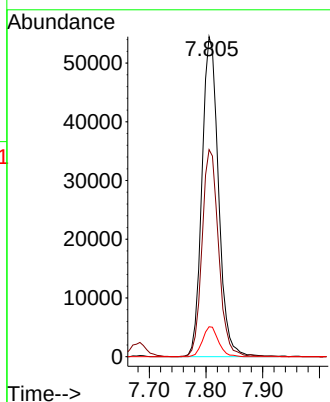
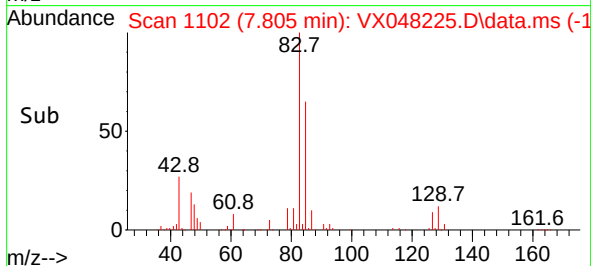
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 110334
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 9.3 7.3 10.9

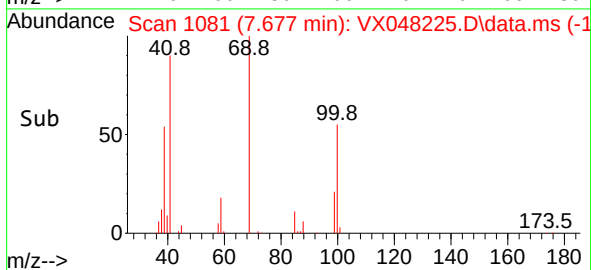
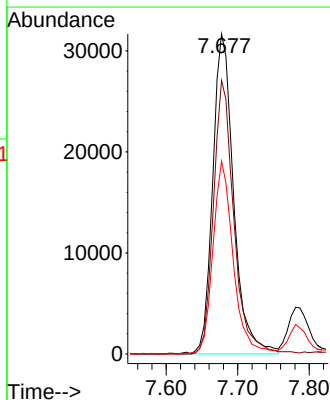
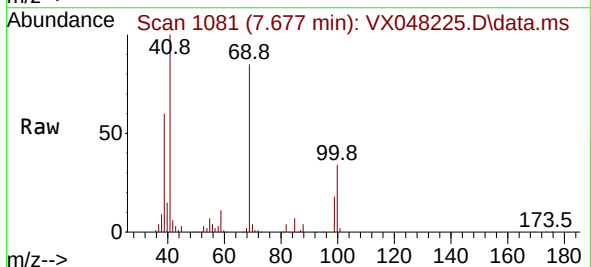
Manual Integrations
APPROVED

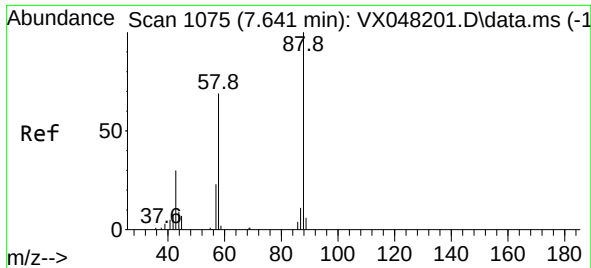
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
Methyl methacrylate
Concen: 44.550 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

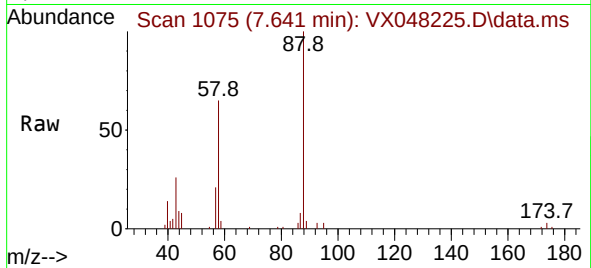
Tgt Ion: 41 Resp: 64344
Ion Ratio Lower Upper
41 100
69 83.6 63.4 95.0
39 58.2 47.1 70.7





#49
1,4-Dioxane
Concen: 1354.340 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

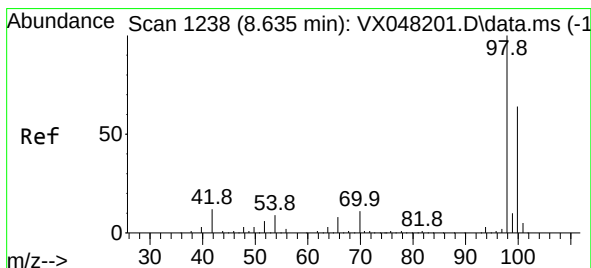
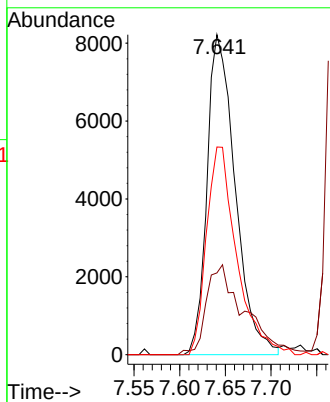
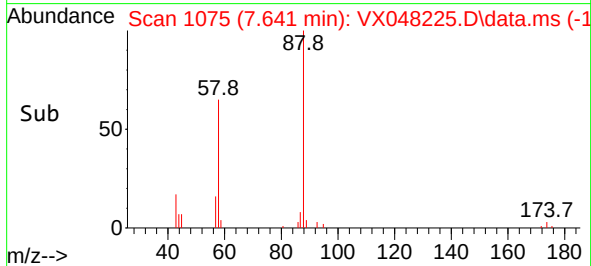
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 17608
Ion Ratio Lower Upper
88 100
43 38.1 35.0 52.4
58 69.7 61.9 92.9

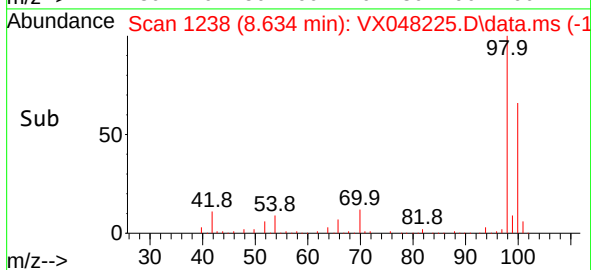
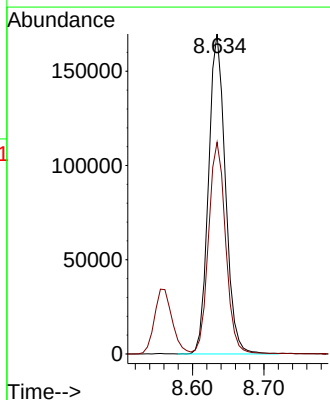
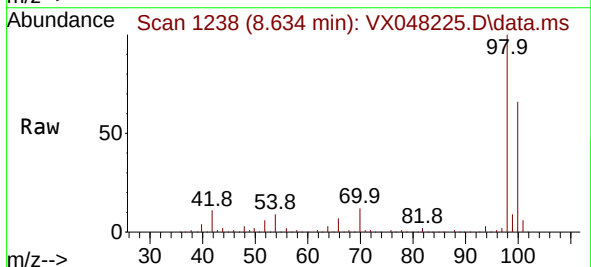
Manual Integrations
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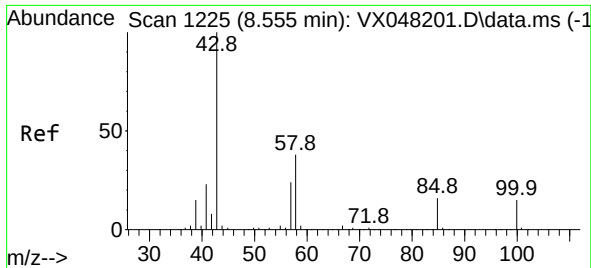
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#50
Toluene-d8
Concen: 51.790 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 98 Resp: 278553
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





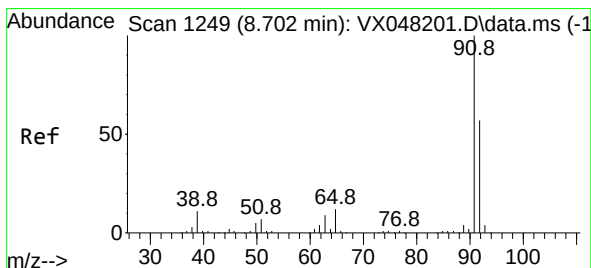
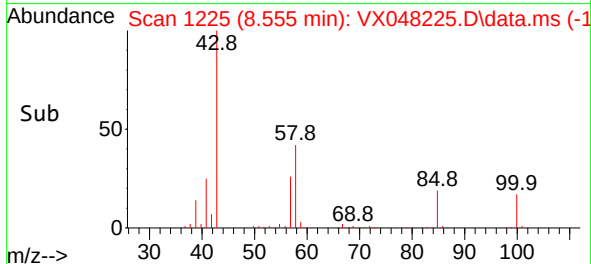
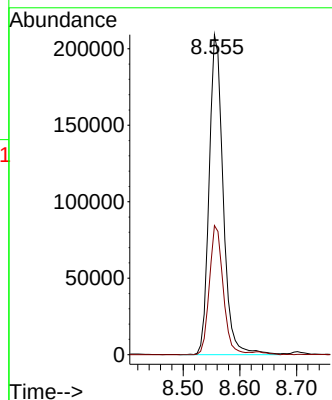
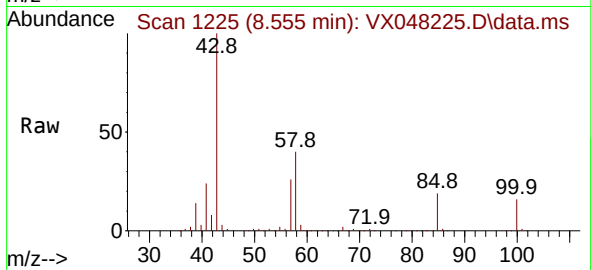
#51
4-Methyl-2-Pentanone
Concen: 228.787 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 35920
Ion Ratio Lower Upper
43 100
58 39.6 29.5 44.3

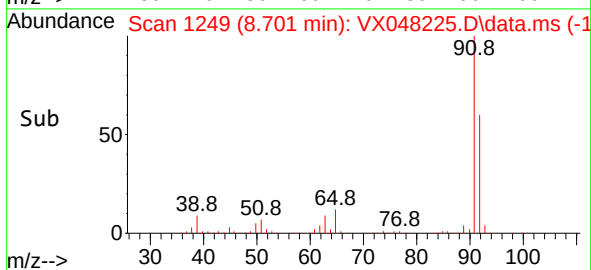
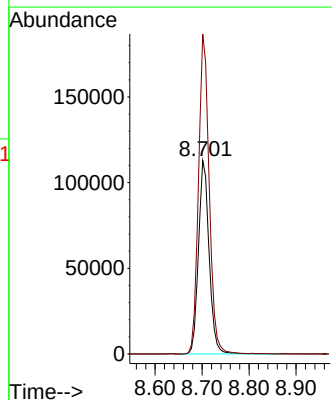
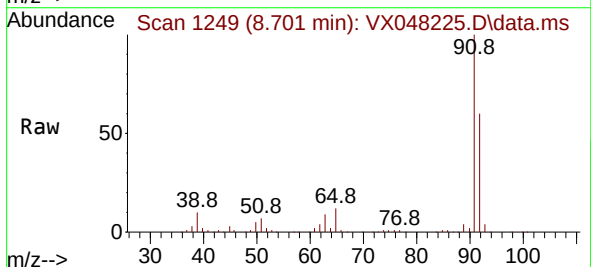
Manual Integrations
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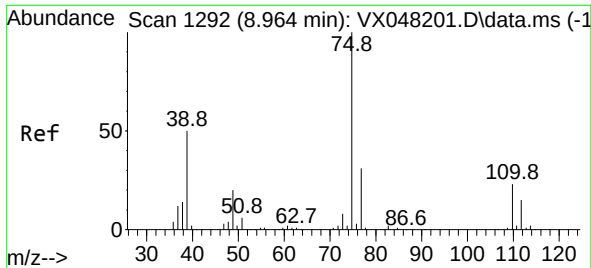
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
Toluene
Concen: 47.565 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion: 92 Resp: 178535
Ion Ratio Lower Upper
92 100
91 166.2 136.1 204.1





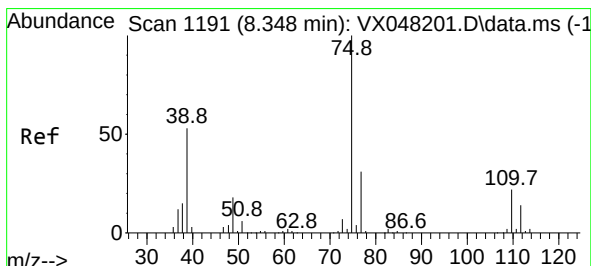
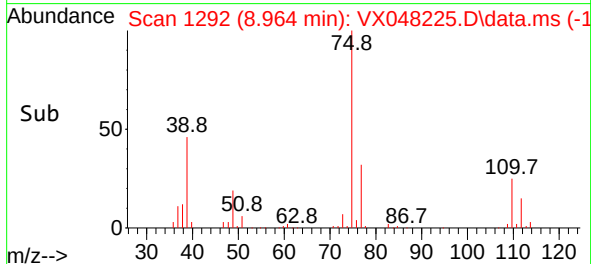
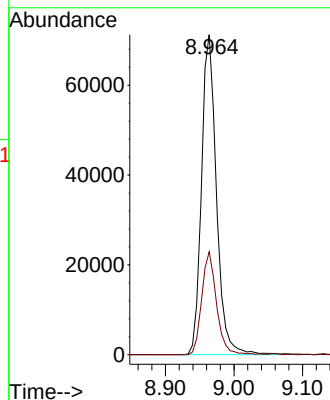
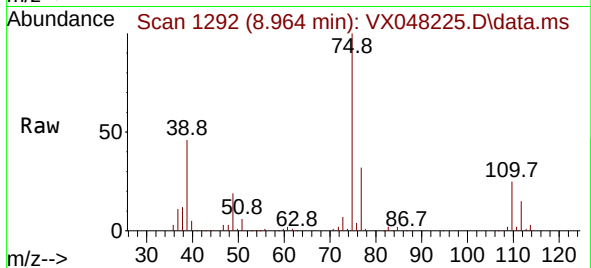
#53
 t-1,3-Dichloropropene
 Concen: 47.036 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 10830
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6

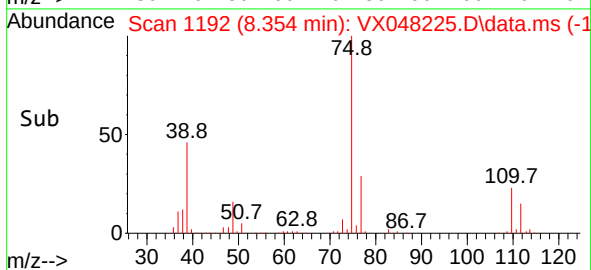
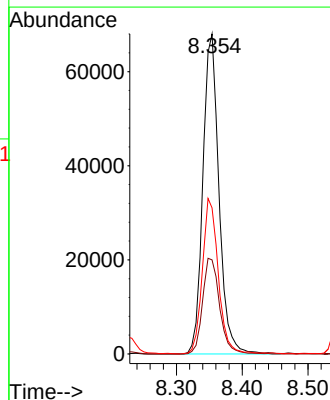
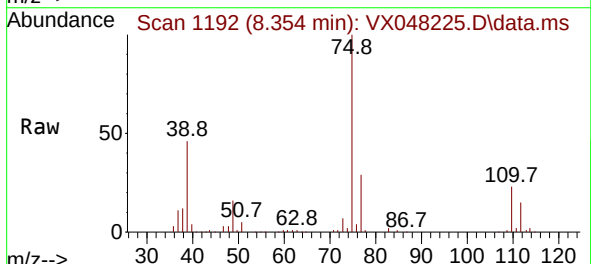
Manual Integrations
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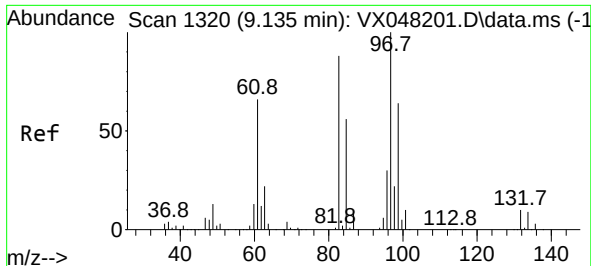
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#54
 cis-1,3-Dichloropropene
 Concen: 46.145 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

Tgt Ion: 75 Resp: 115812
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.9 37.3
 39 45.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 46.029 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

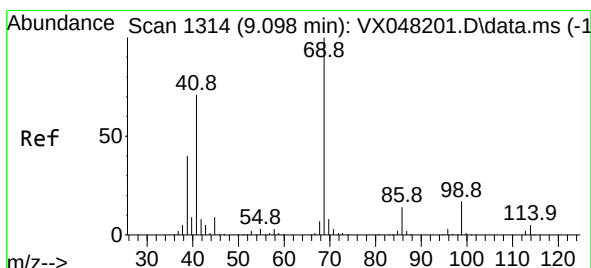
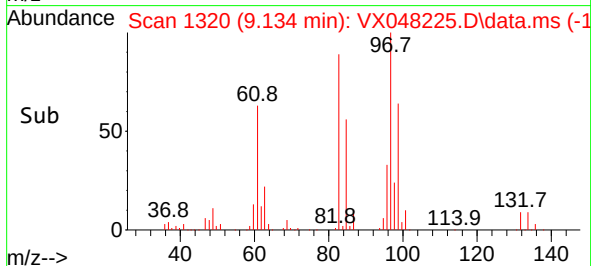
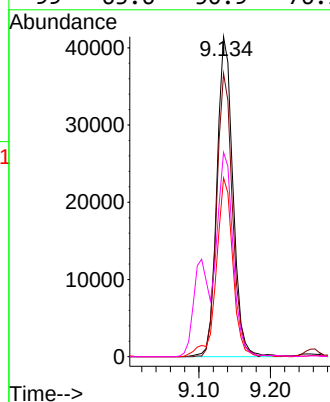
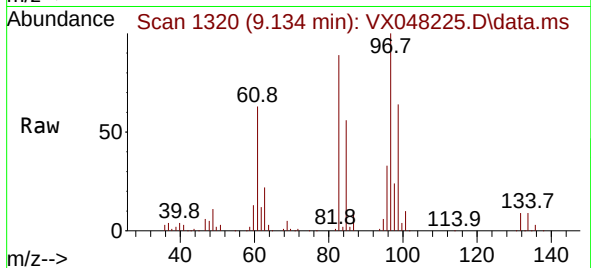
Tgt Ion:	97	Resp:	6446
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	105.8
85	55.8	45.0	67.6
99	63.6	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#56

Ethyl methacrylate

Concen: 50.314 ug/l

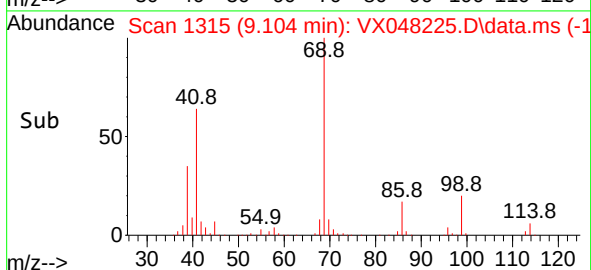
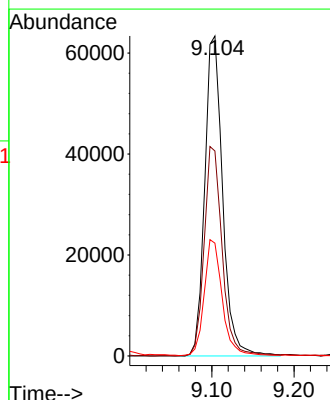
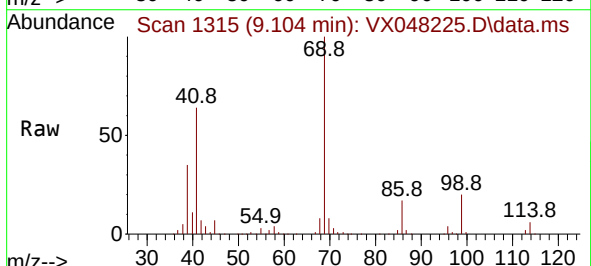
RT: 9.104 min Scan# 1315

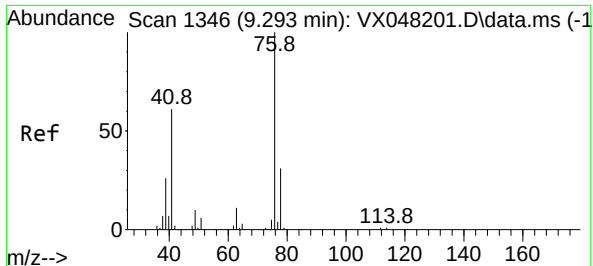
Delta R.T. 0.006 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Tgt Ion:	69	Resp:	95840
Ion	Ratio	Lower	Upper
69	100		
41	65.9	56.0	84.0
39	36.5	31.6	47.4





#57

1,3-Dichloropropane

Concen: 45.706 ug/l

RT: 9.293 min Scan# 11183

Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11183

Ion Ratio Lower Upper

76 100

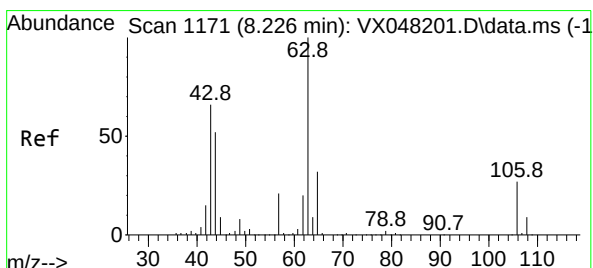
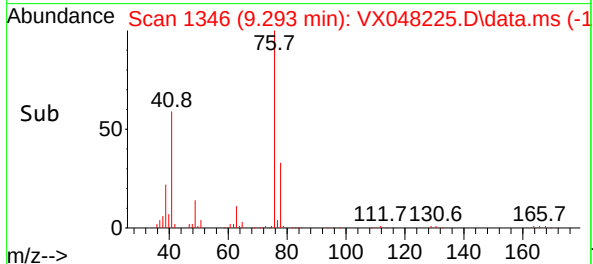
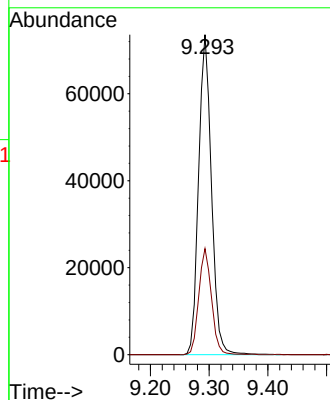
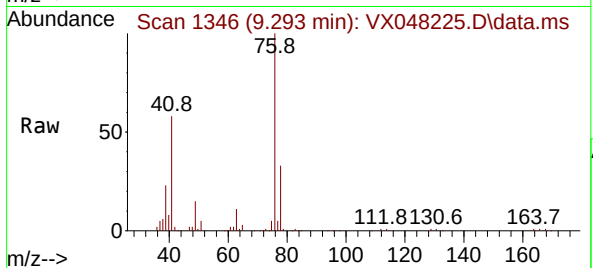
78 32.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 230.845 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048225.D

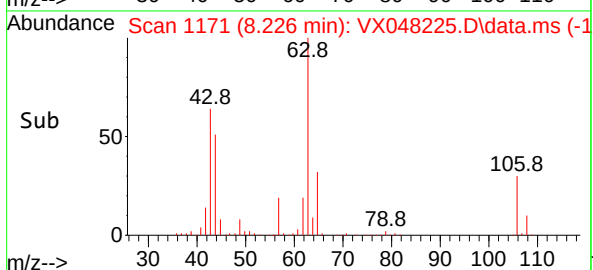
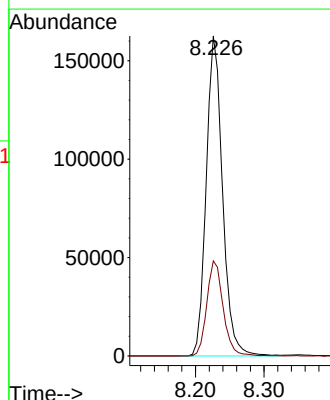
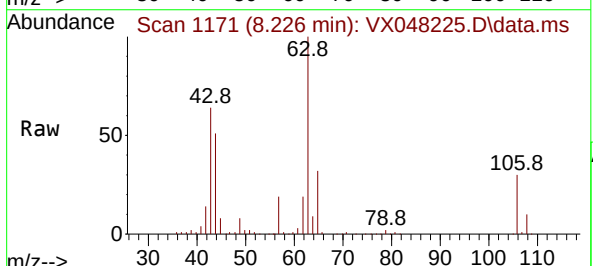
Acq: 17 Oct 2025 19:39

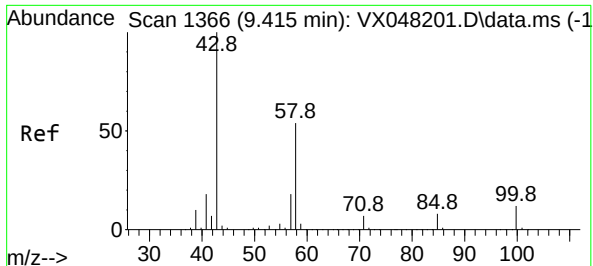
Tgt Ion: 63 Resp: 269541

Ion Ratio Lower Upper

63 100

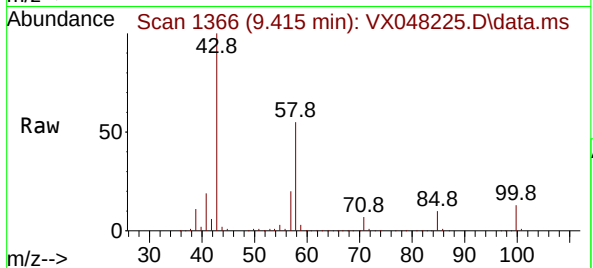
106 29.8 22.2 33.2





#59
2-Hexanone
Concen: 223.292 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

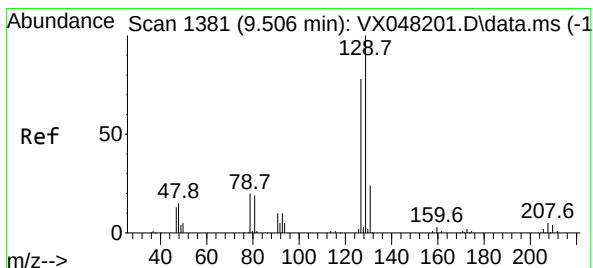
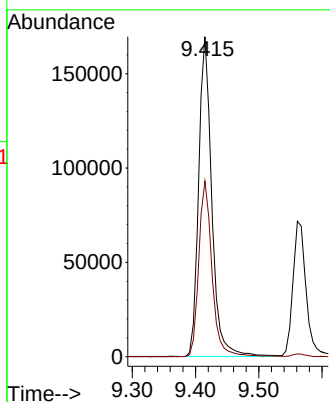
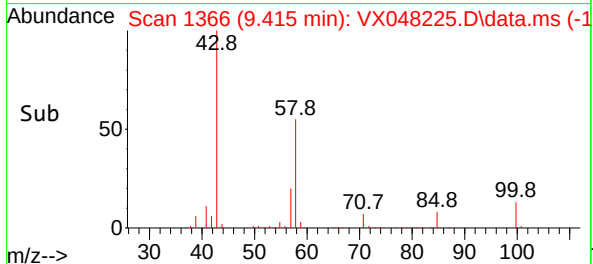
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 245218
Ion Ratio Lower Upper
43 100
58 55.5 26.3 78.8

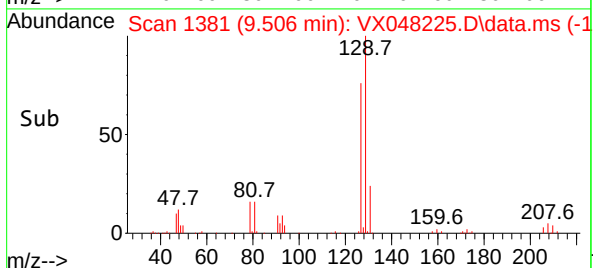
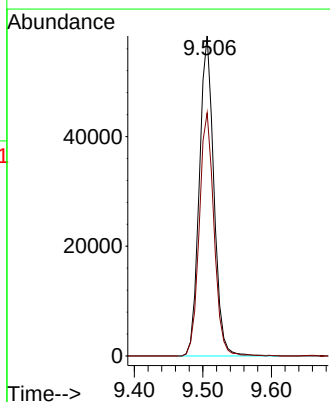
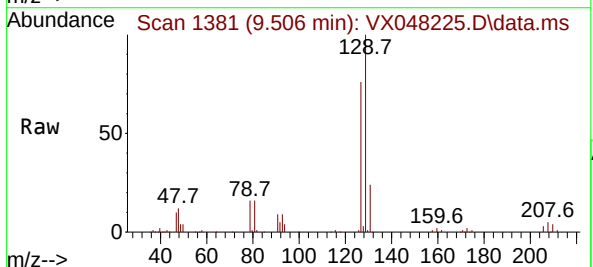
Manual Integrations
APPROVED

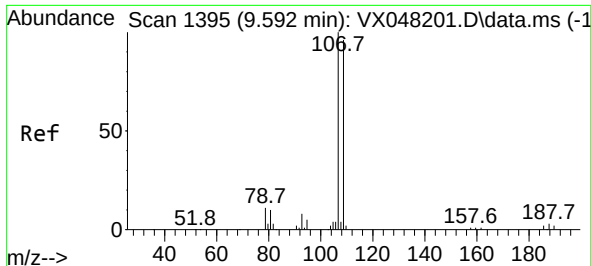
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
Dibromochloromethane
Concen: 49.166 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

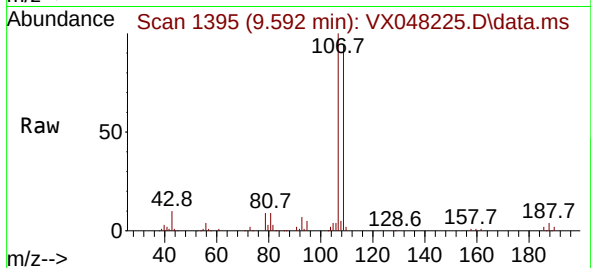
Tgt Ion:129 Resp: 86187
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 47.739 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

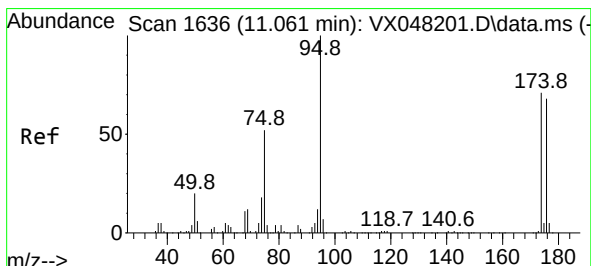
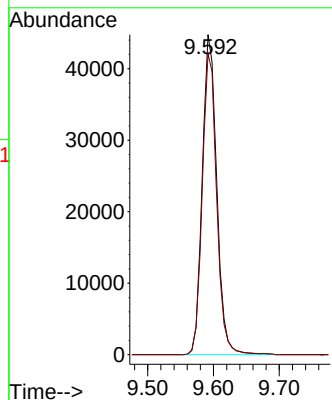
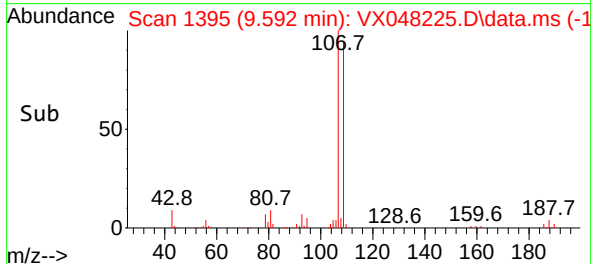
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



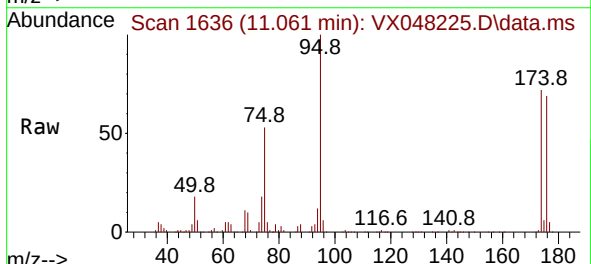
Tgt Ion:107 Resp: 68550
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4

Manual Integrations
APPROVED

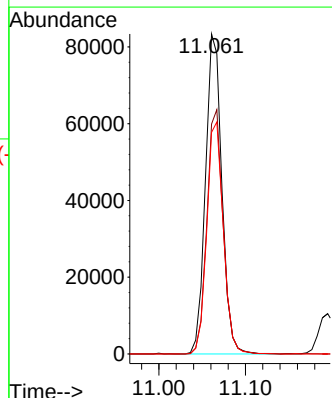
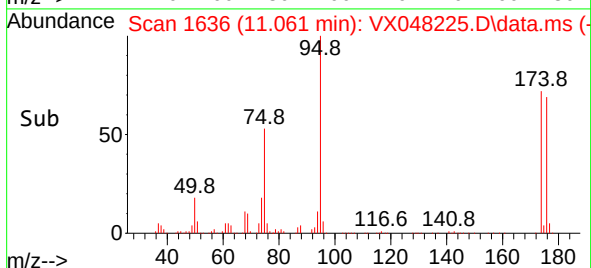
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

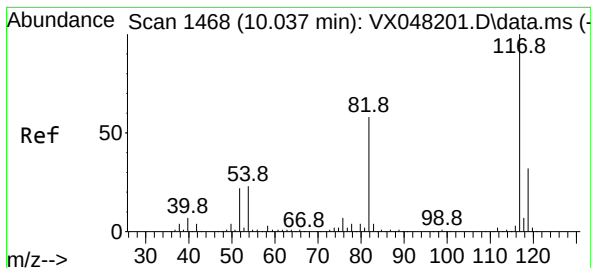


#62
4-Bromofluorobenzene
Concen: 55.870 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



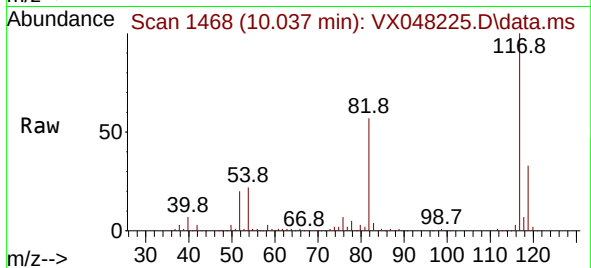
Tgt Ion: 95 Resp: 109449
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.8
176 73.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

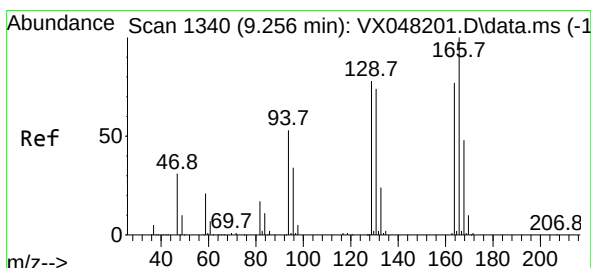
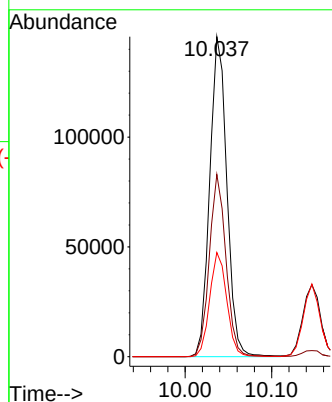
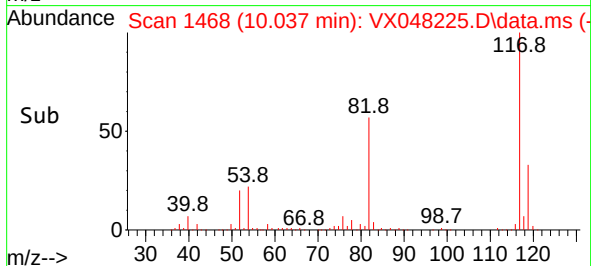
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 200092
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 32.5 25.9 38.9

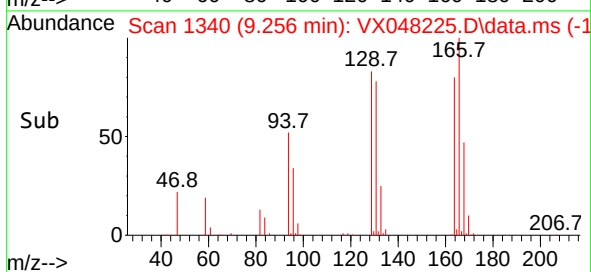
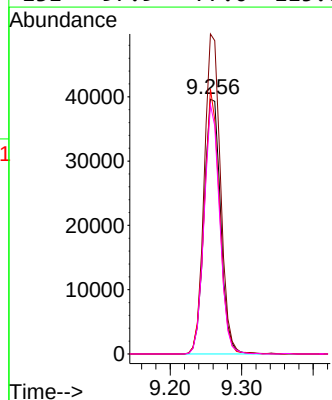
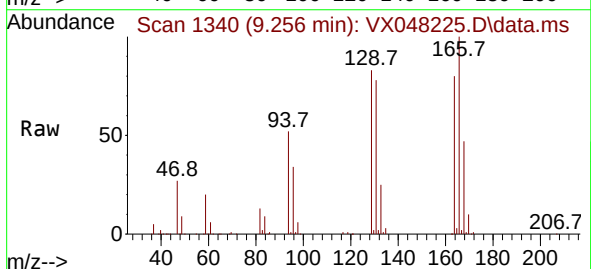
Manual Integrations
APPROVED

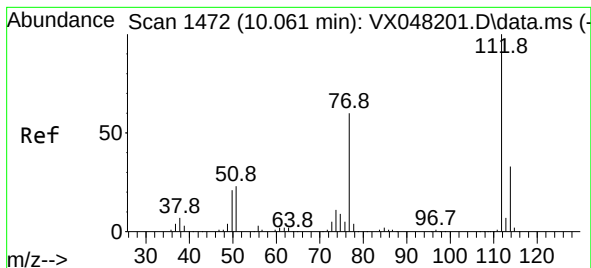
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Tetrachloroethene
Concen: 45.253 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Tgt Ion:164 Resp: 63489
Ion Ratio Lower Upper
164 100
166 125.6 104.5 156.7
129 104.1 81.8 122.6
131 97.9 77.0 115.6





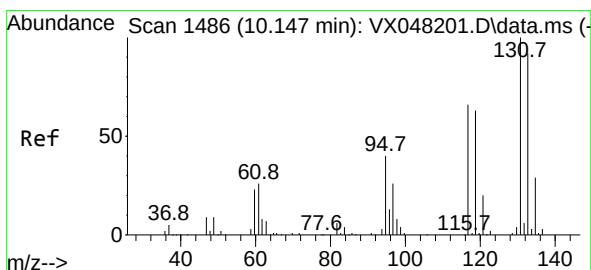
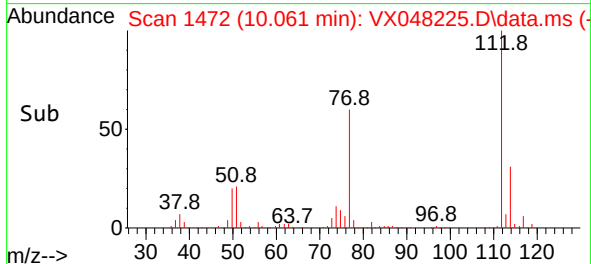
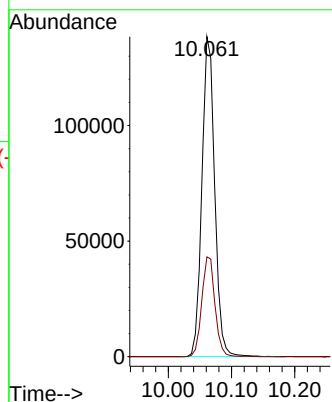
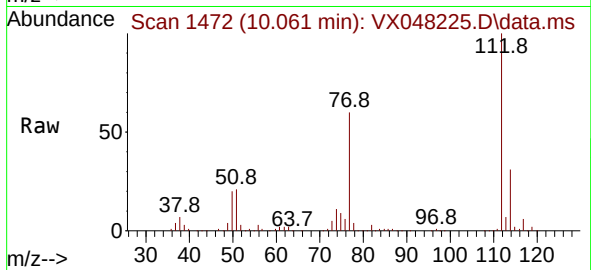
#65
Chlorobenzene
Concen: 44.556 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 194934
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

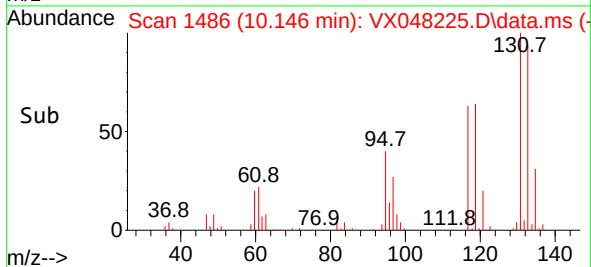
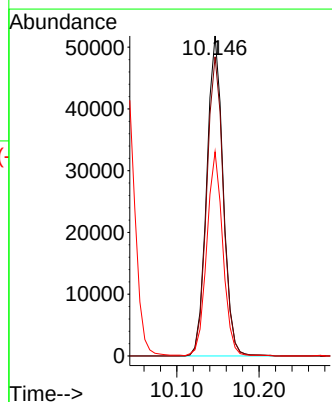
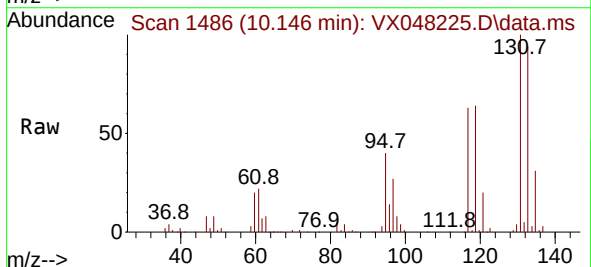
Manual Integrations
APPROVED

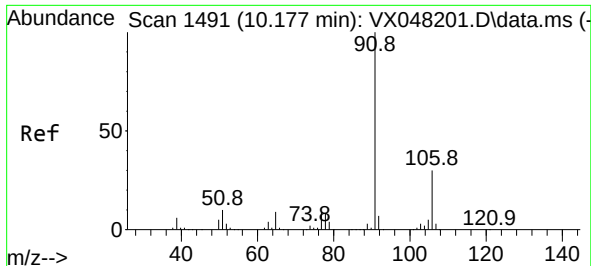
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.547 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

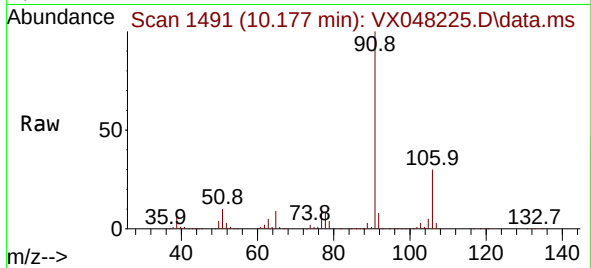
Tgt Ion:131 Resp: 71808
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.8
119 62.5 32.5 97.5





#67
Ethyl Benzene
Concen: 44.479 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

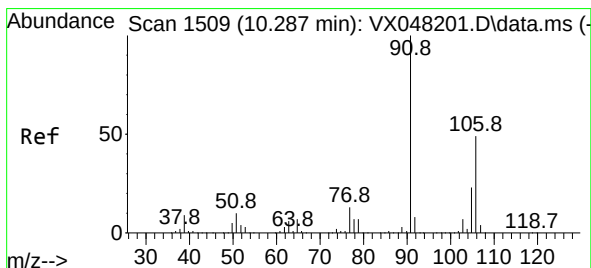
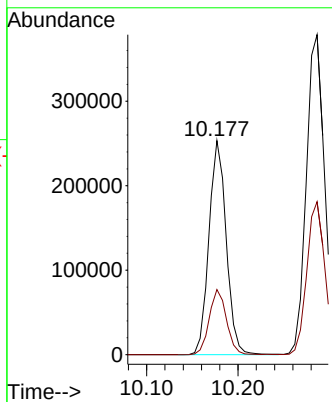
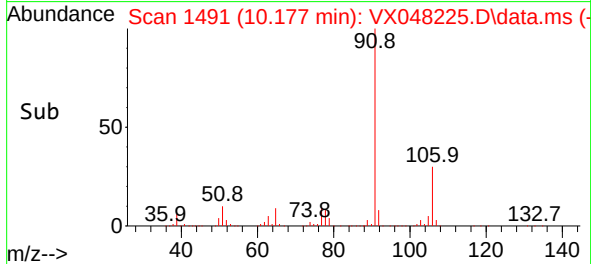
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



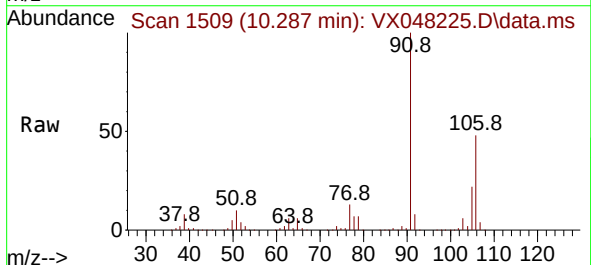
Tgt Ion: 91 Resp: 333611
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

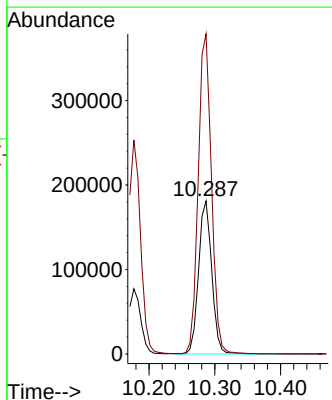
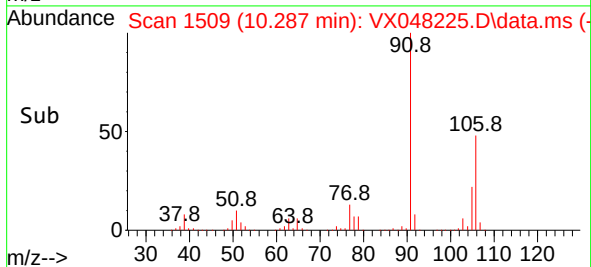
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

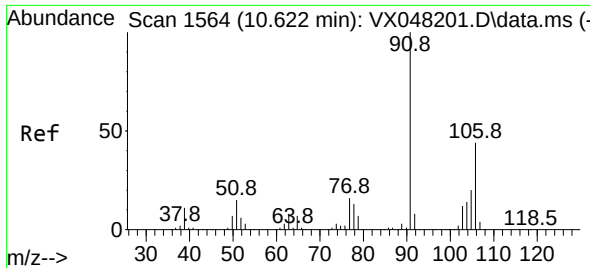


#68
m/p-Xylenes
Concen: 90.224 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



Tgt Ion:106 Resp: 252110
Ion Ratio Lower Upper
106 100
91 210.4 167.9 251.9





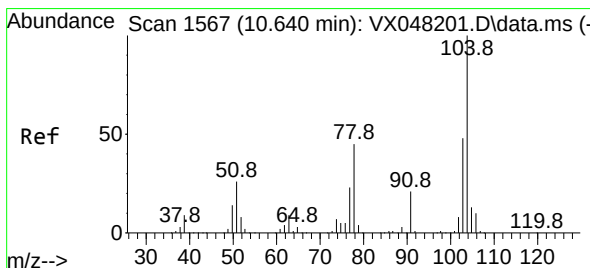
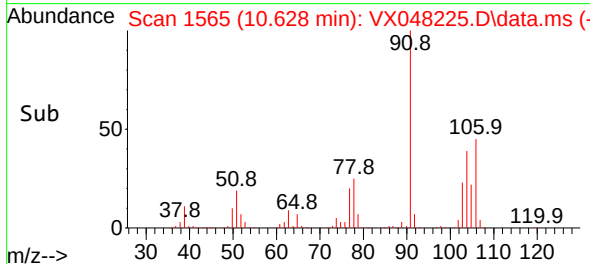
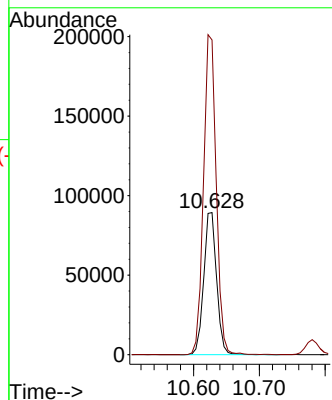
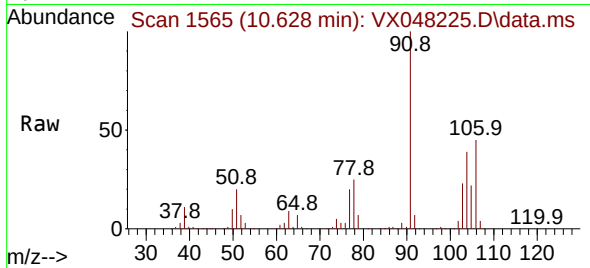
#69
o-Xylene
Concen: 46.139 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12136
Ion Ratio Lower Upper
106 100
91 223.0 111.3 333.9

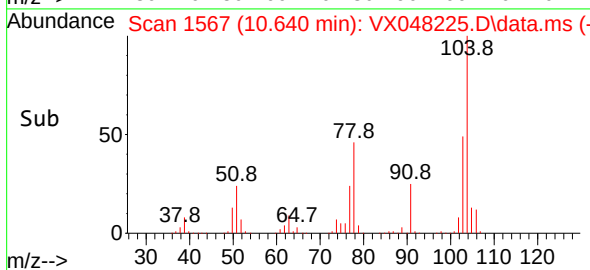
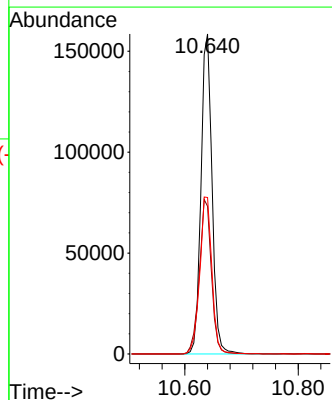
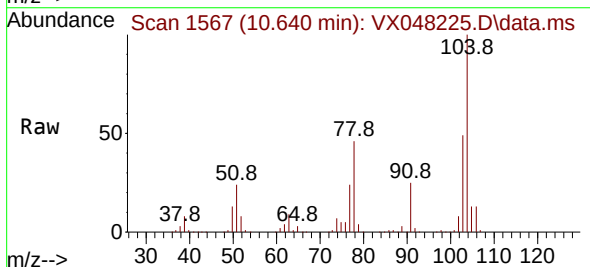
Manual Integrations
APPROVED

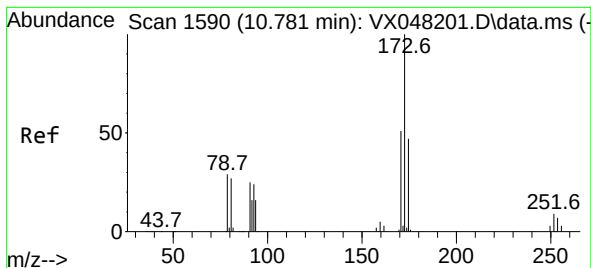
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#70
Styrene
Concen: 47.397 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

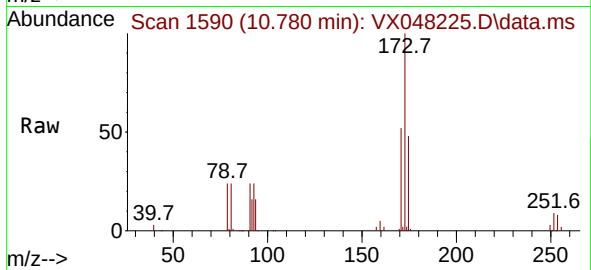
Tgt Ion:104 Resp: 214601
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.0 43.0 64.4





#71
Bromoform
Concen: 47.749 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

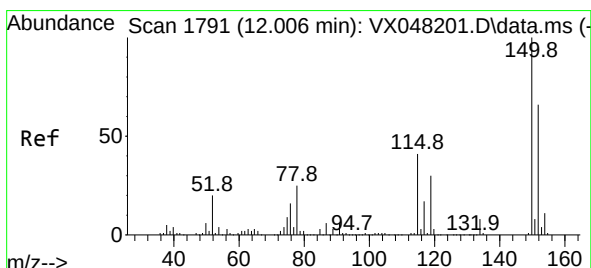
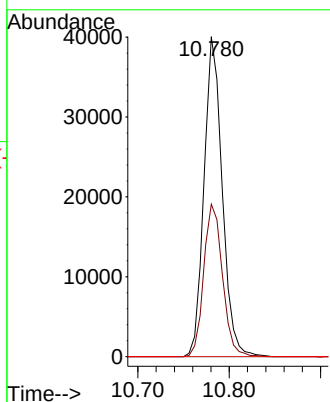
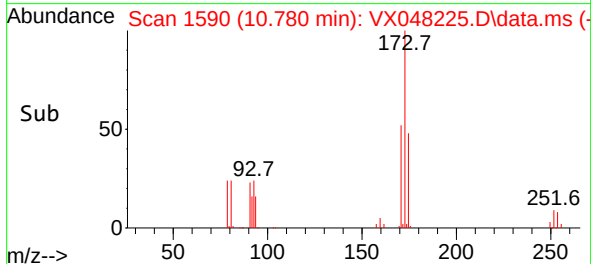
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 55280
Ion Ratio Lower Upper
173 100
175 49.0 24.0 72.0
254 0.0 0.0 0.0

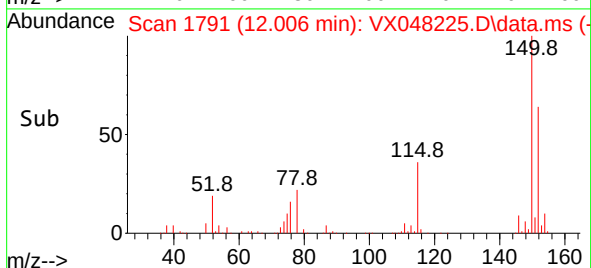
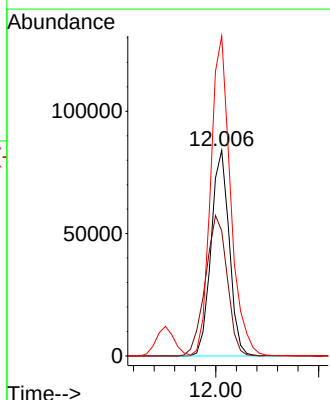
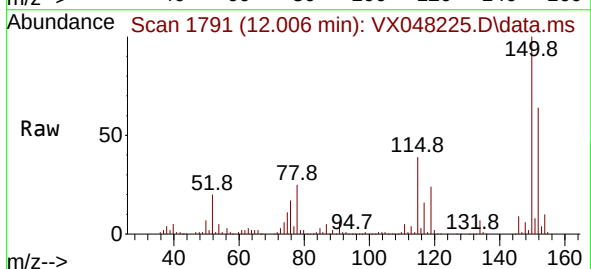
Manual Integrations
APPROVED

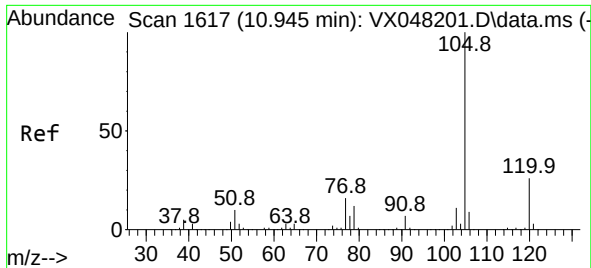
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

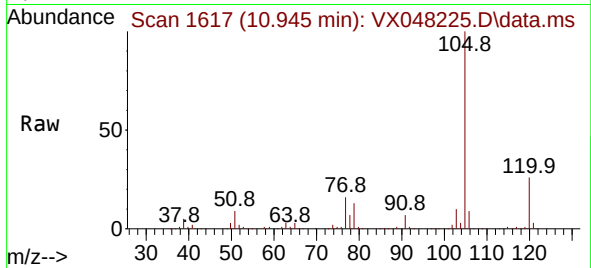
Tgt Ion:152 Resp: 102640
Ion Ratio Lower Upper
152 100
115 82.0 43.1 129.4
150 170.7 0.0 353.0





#73
Isopropylbenzene
Concen: 44.411 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

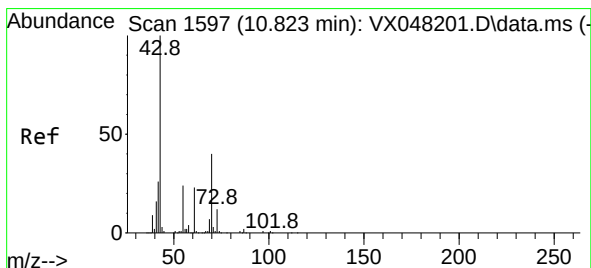
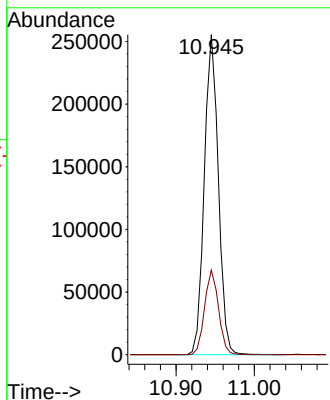
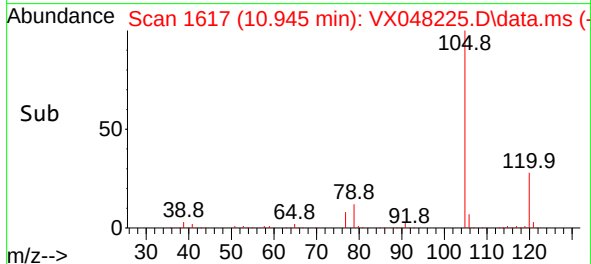
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 317040
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9

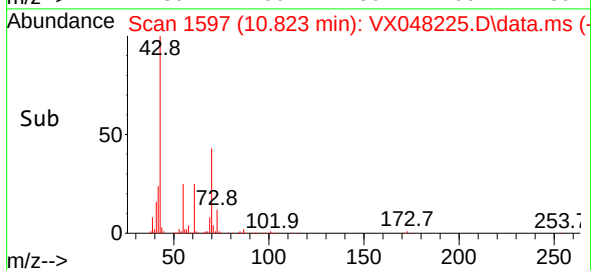
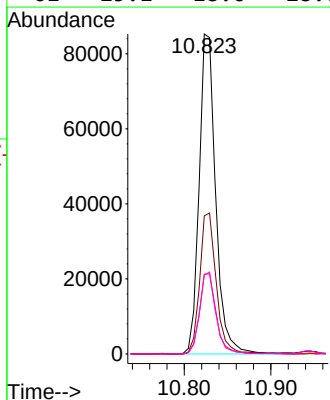
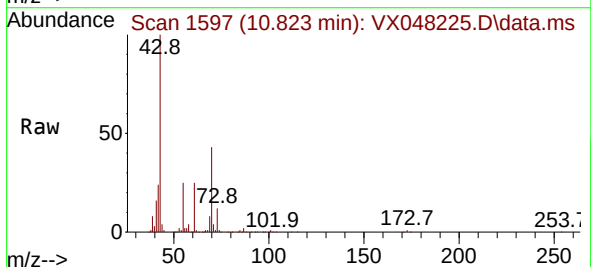
Manual Integrations
APPROVED

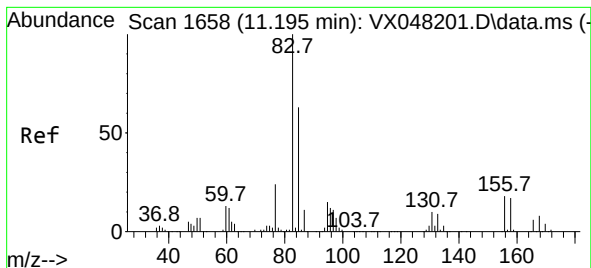
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
N-ethyl acetate
Concen: 42.567 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

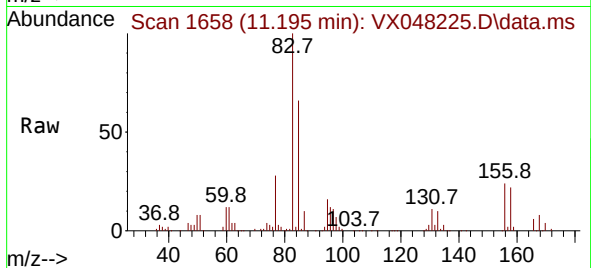
Tgt Ion: 43 Resp: 113366
Ion Ratio Lower Upper
43 100
70 44.3 32.2 48.2
55 25.4 19.1 28.7
61 25.1 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.151 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

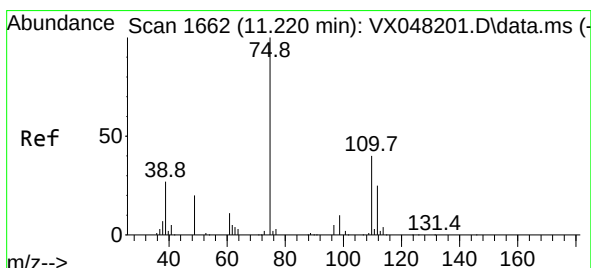
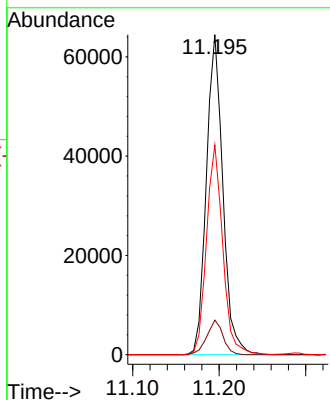
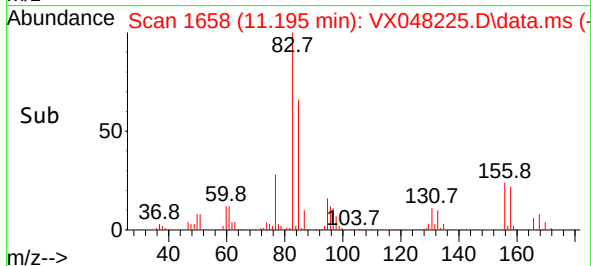
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



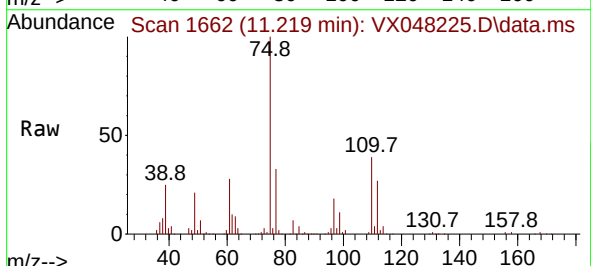
Tgt Ion: 83 Resp: 8524
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.8 31.9 95.7

Manual Integrations
APPROVED

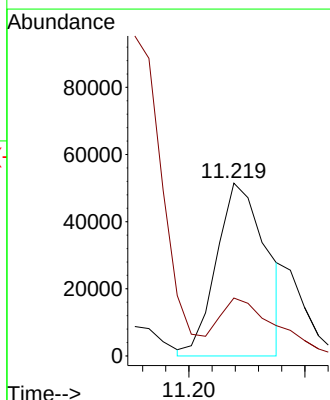
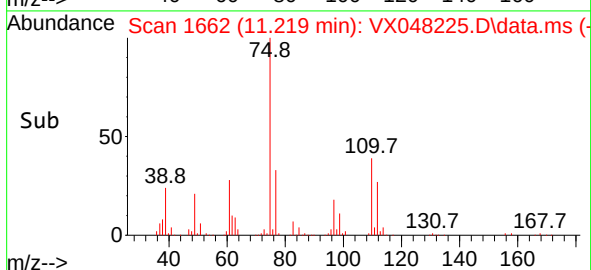
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

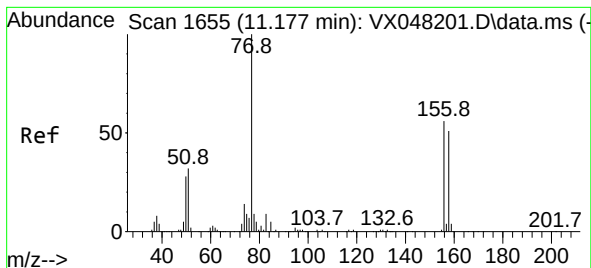


#76
1,2,3-Trichloropropane
Concen: 49.007 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



Tgt Ion: 75 Resp: 76811
Ion Ratio Lower Upper
75 100
77 37.9 22.4 67.2





#77

Bromobenzene

Concen: 44.763 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

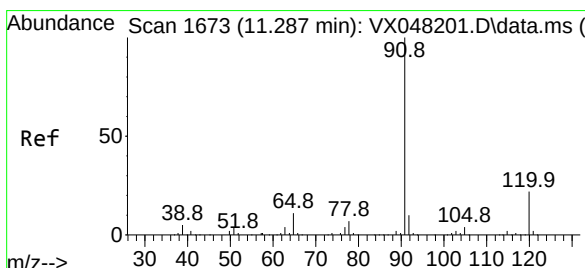
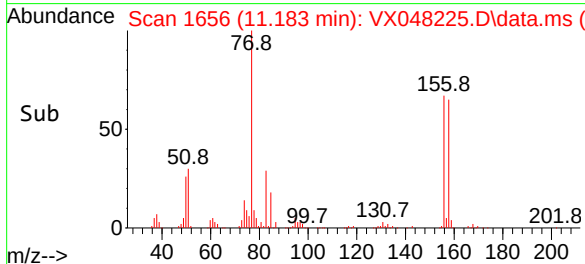
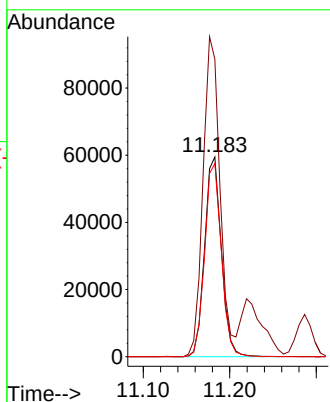
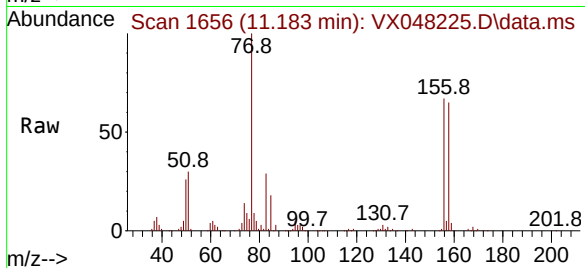
Tgt Ion:	156	Resp:	79969
Ion Ratio	Lower	Upper	
156	100		
77	162.6	87.0	261.0
158	96.4	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#78

n-propylbenzene

Concen: 42.387 ug/l

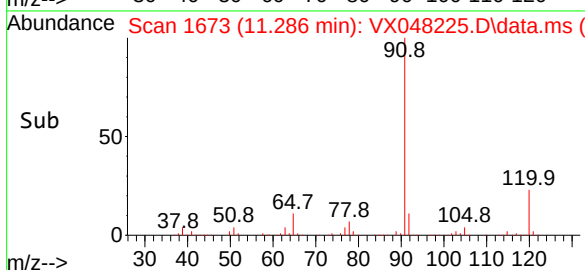
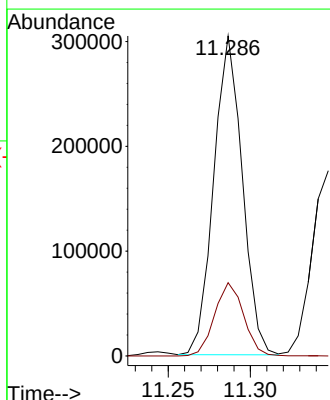
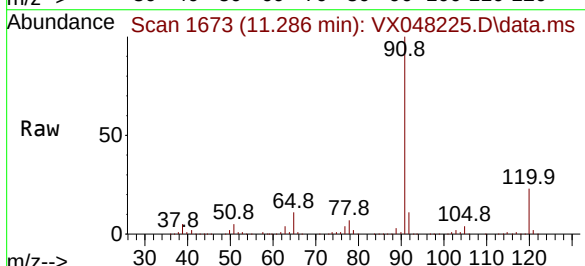
RT: 11.286 min Scan# 1673

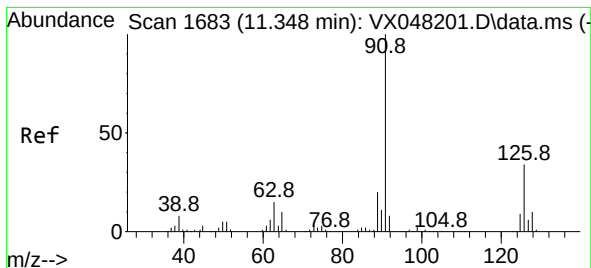
Delta R.T. -0.000 min

Lab File: VX048225.D

Acq: 17 Oct 2025 19:39

Tgt Ion:	91	Resp:	366950
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.1	33.1





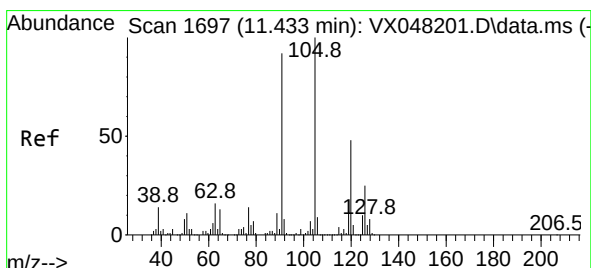
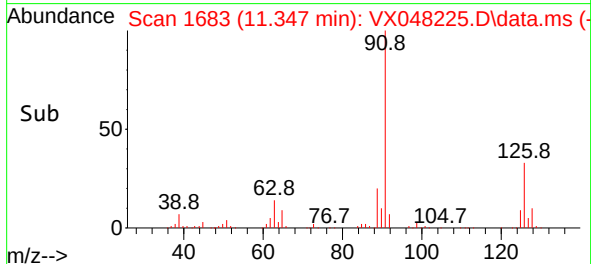
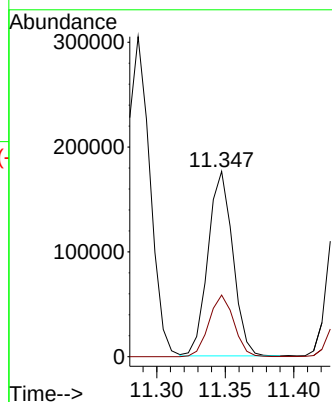
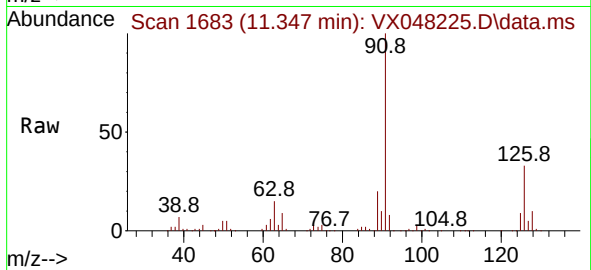
#79
2-Chlorotoluene
Concen: 42.453 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 222049
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

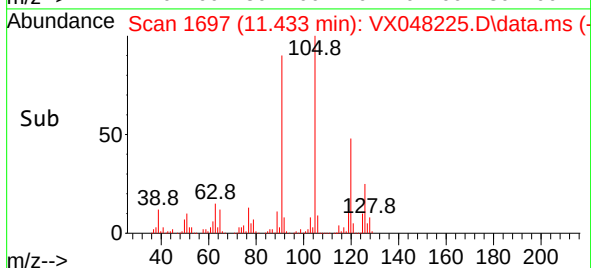
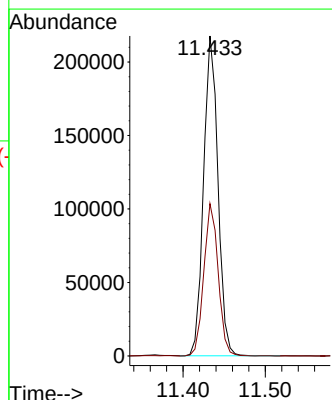
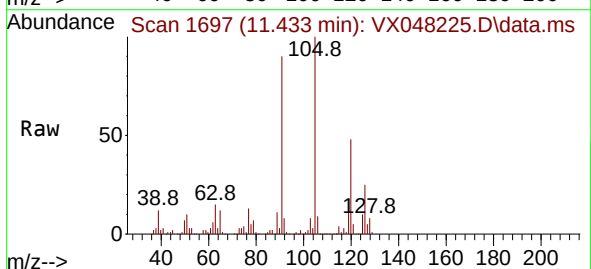
Manual Integrations
APPROVED

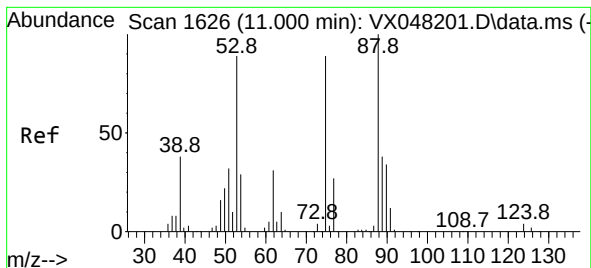
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 45.035 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

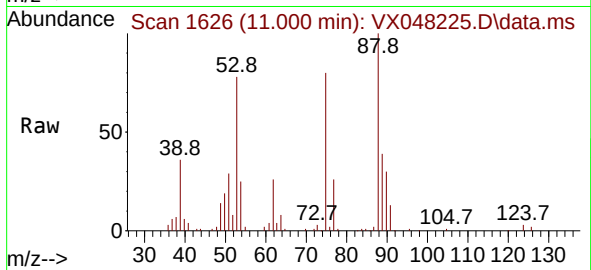
Tgt Ion:105 Resp: 263904
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 41.335 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

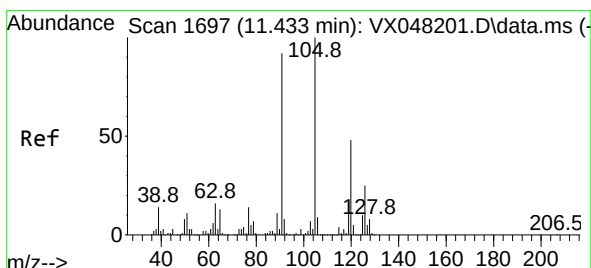
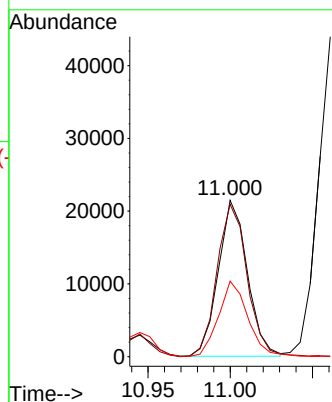
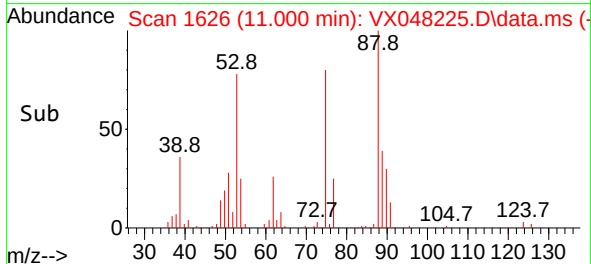
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



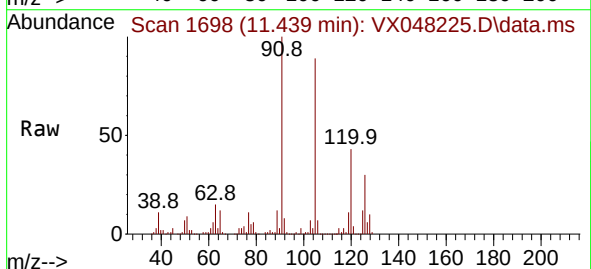
Tgt Ion: 75 Resp: 26458
Ion Ratio Lower Upper
75 100
53 101.8 79.5 119.3
89 49.2 36.8 55.2

Manual Integrations
APPROVED

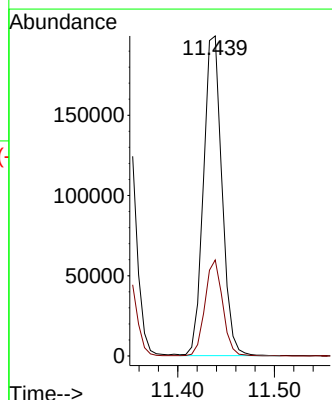
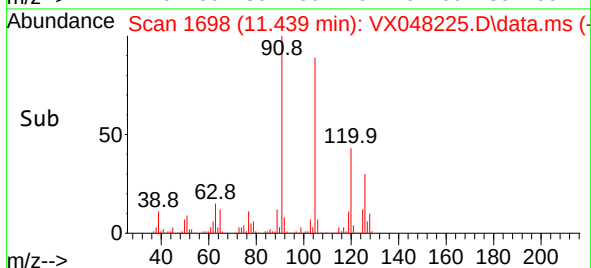
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

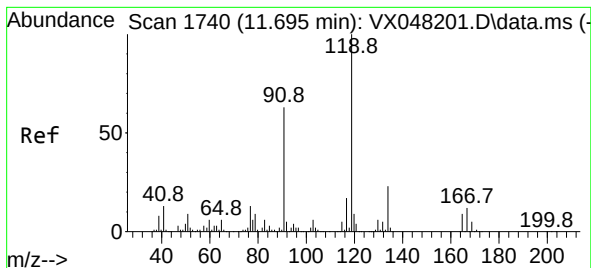


#82
4-Chlorotoluene
Concen: 43.067 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



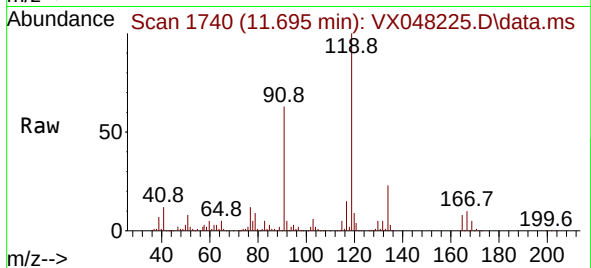
Tgt Ion: 91 Resp: 264717
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 44.911 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

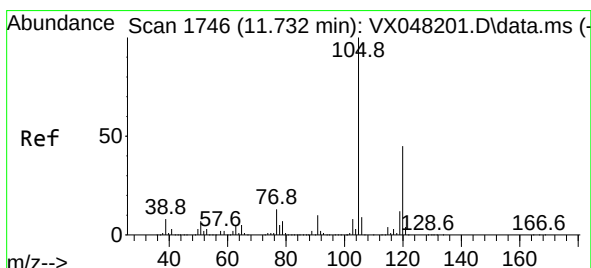
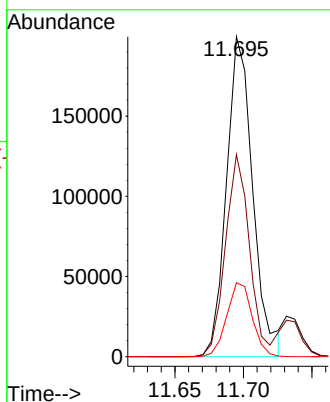
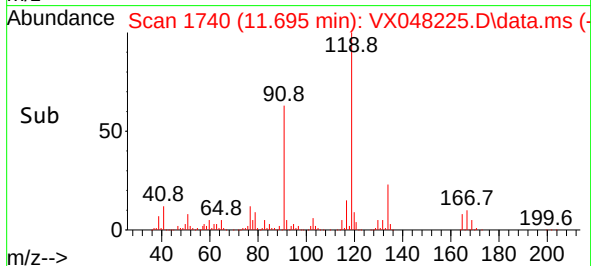
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



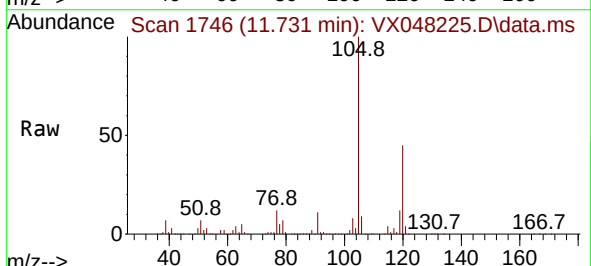
Tgt Ion:119 Resp: 26588
Ion Ratio Lower Upper
119 100
91 58.0 30.3 91.0
134 22.4 11.4 34.2

Manual Integrations
APPROVED

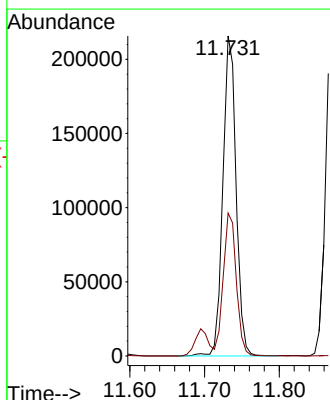
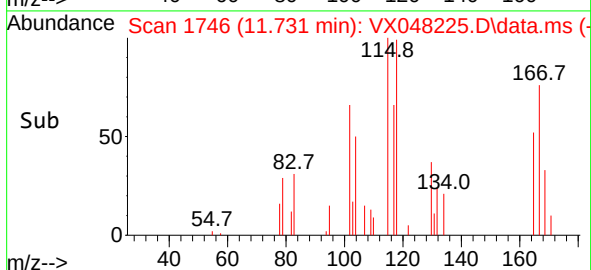
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

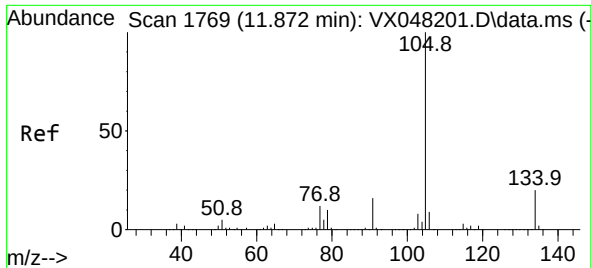


#84
1,2,4-Trimethylbenzene
Concen: 45.505 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



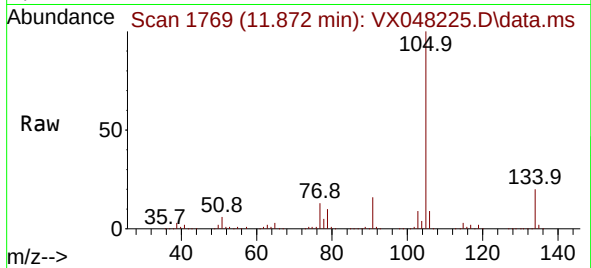
Tgt Ion:105 Resp: 265526
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 43.760 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

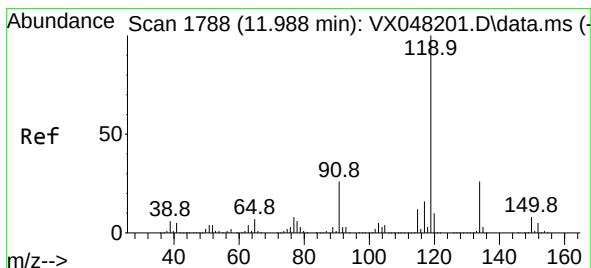
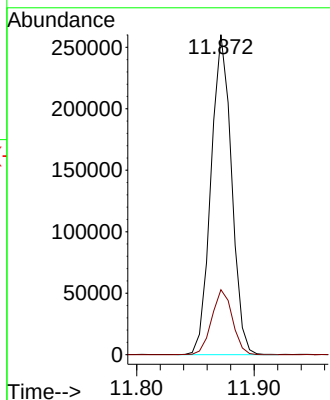
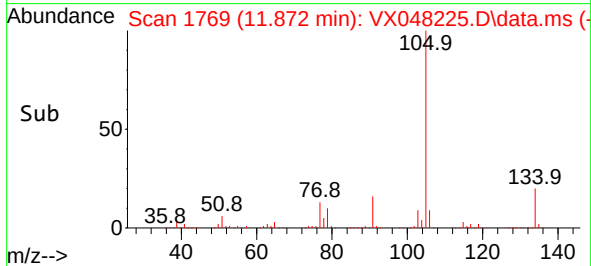
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



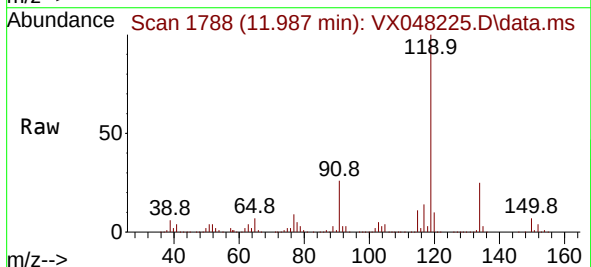
Tgt Ion:105 Resp: 316710
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

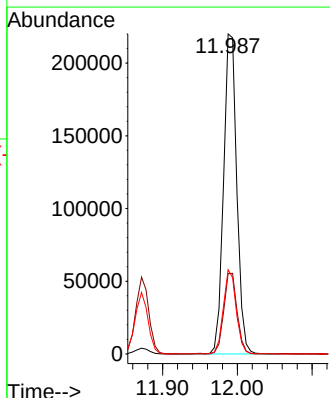
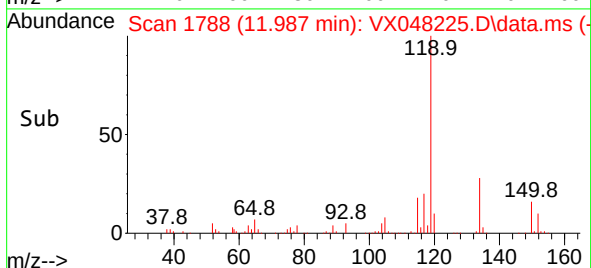
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

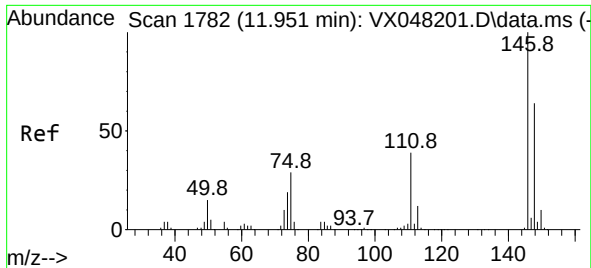


#86
 p-Isopropyltoluene
 Concen: 44.511 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39



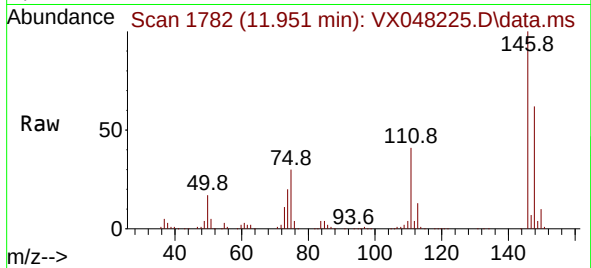
Tgt Ion:119 Resp: 271545
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.6 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 43.525 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39

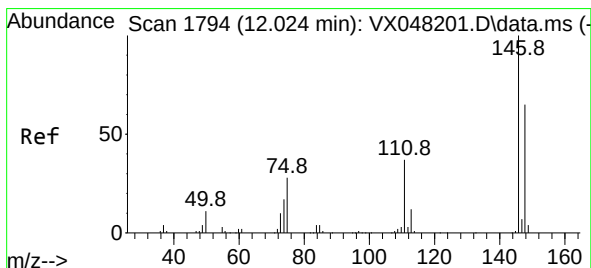
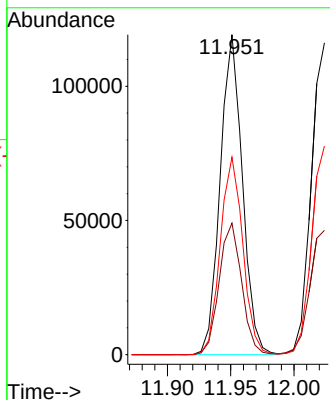
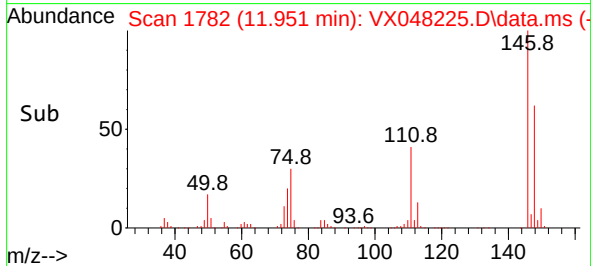
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



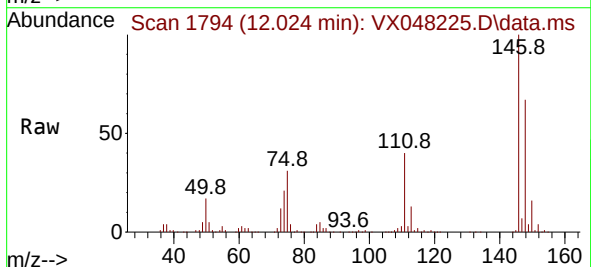
Tgt Ion:146 Resp: 145414
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 62.8 31.9 95.9

Manual Integrations
 APPROVED

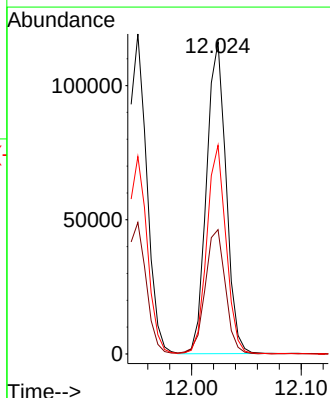
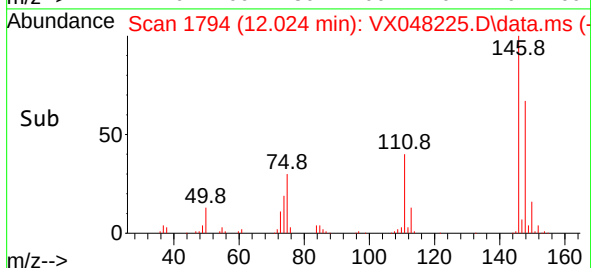
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

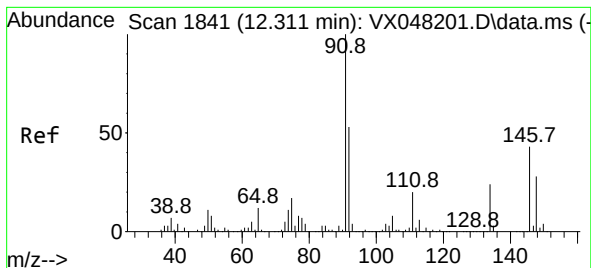


#88
 1,4-Dichlorobenzene
 Concen: 41.549 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048225.D
 Acq: 17 Oct 2025 19:39



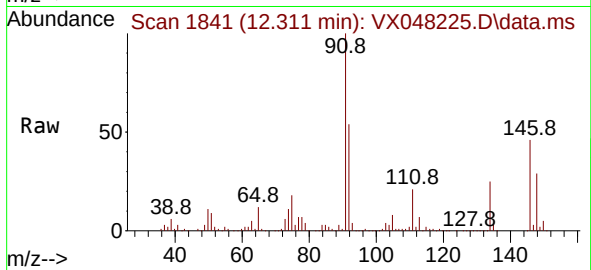
Tgt Ion:146 Resp: 143893
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.2
 148 65.9 31.8 95.3





#89
n-Butylbenzene
Concen: 42.507 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

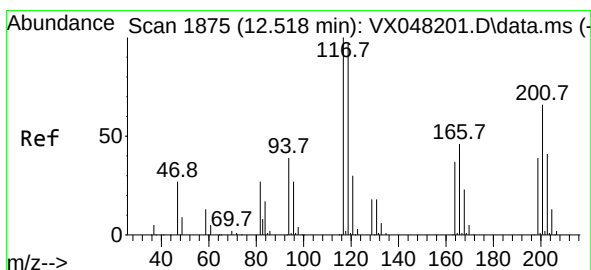
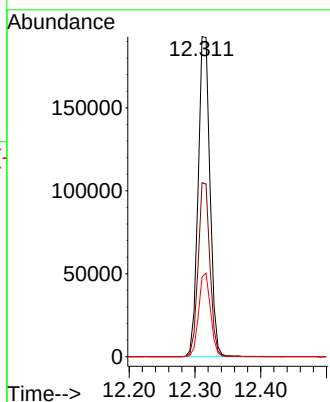
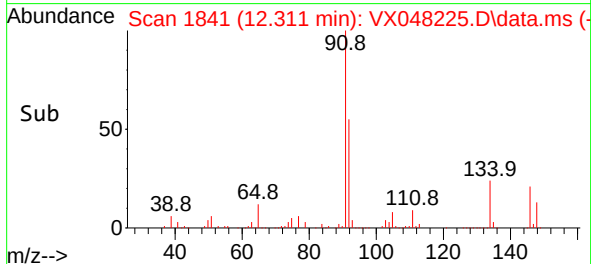
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 241534
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.6
134 26.1 12.7 38.1

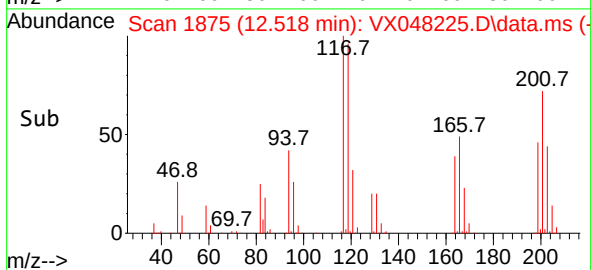
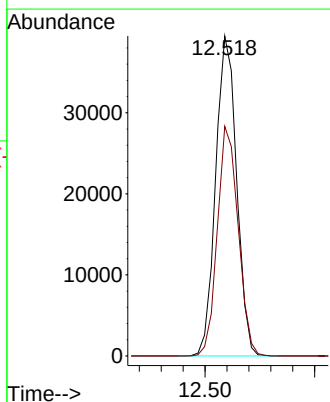
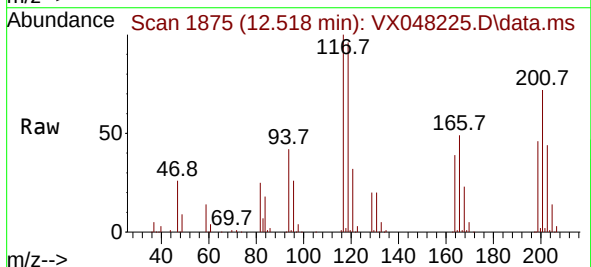
Manual Integrations
APPROVED

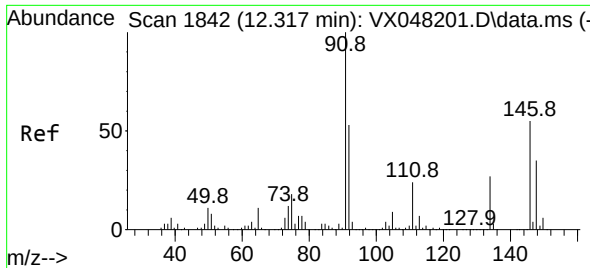
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#90
Hexachloroethane
Concen: 40.703 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

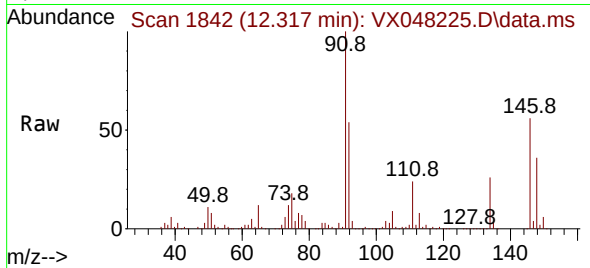
Tgt Ion:117 Resp: 52410
Ion Ratio Lower Upper
117 100
201 71.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 43.405 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

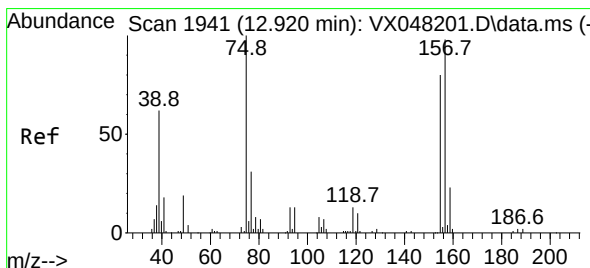
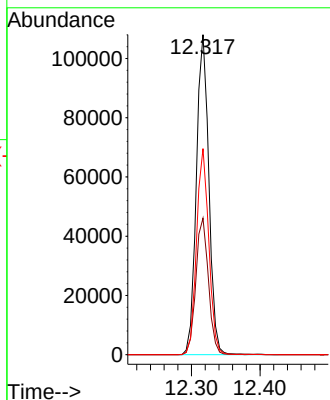
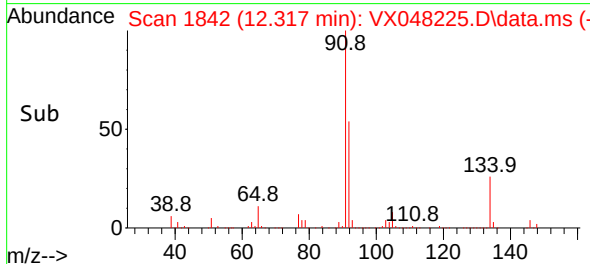
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 137000
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 63.2 31.9 95.5

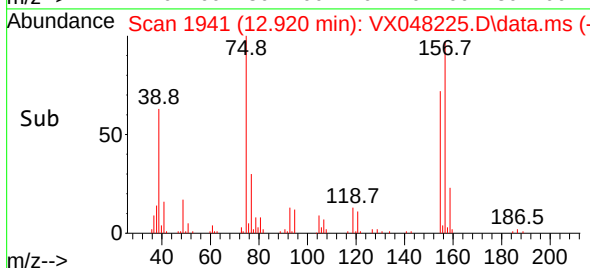
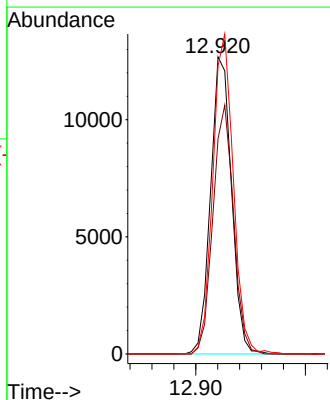
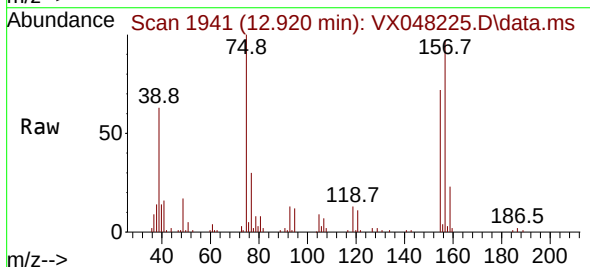
Manual Integrations
APPROVED

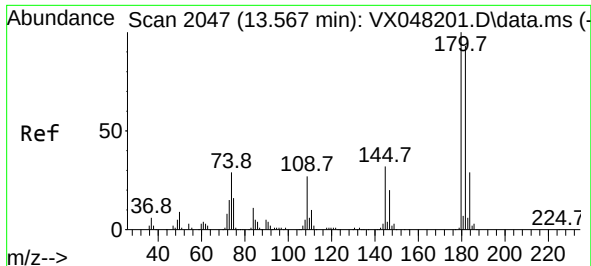
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.490 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

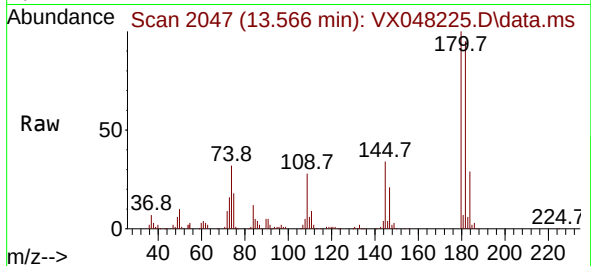
Tgt Ion: 75 Resp: 16811
Ion Ratio Lower Upper
75 100
155 82.4 42.8 128.4
157 105.9 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 46.359 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

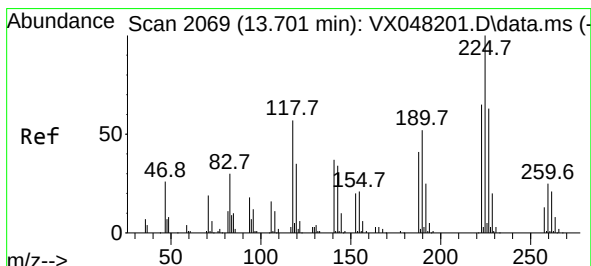
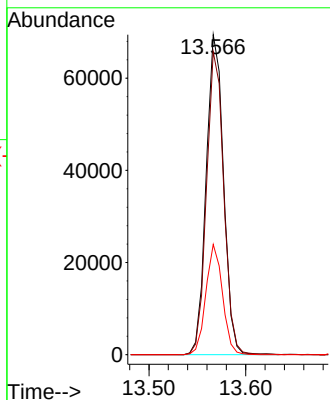
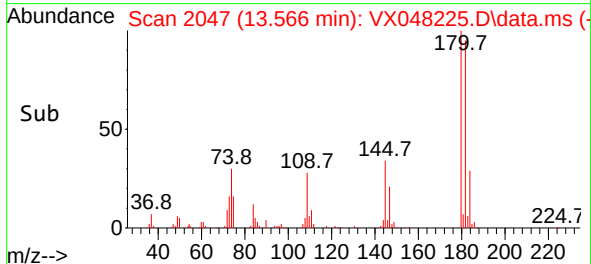
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 86380
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 33.1 16.3 48.9

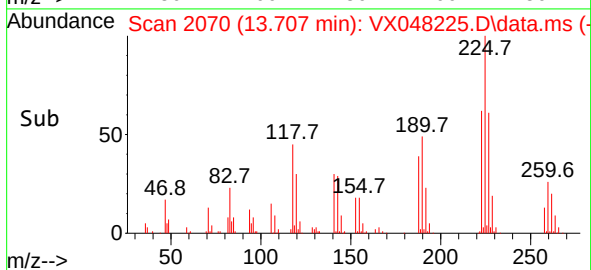
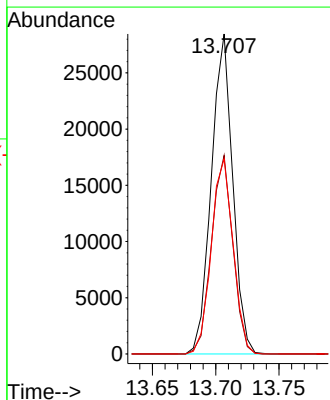
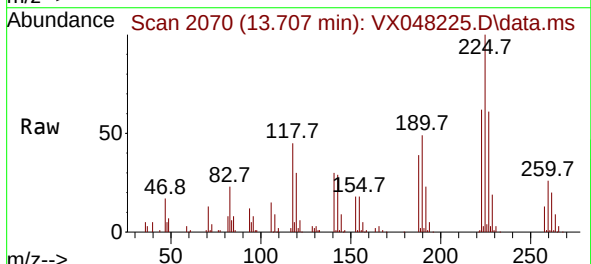
Manual Integrations
APPROVED

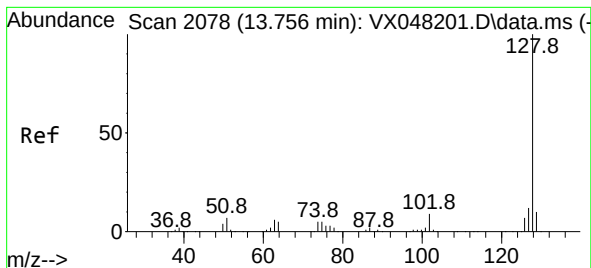
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#94
Hexachlorobutadiene
Concen: 46.500 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

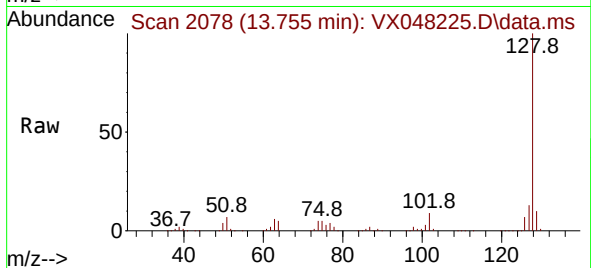
Tgt Ion:225 Resp: 33418
Ion Ratio Lower Upper
225 100
223 62.0 32.6 97.7
227 62.3 32.5 97.4





#95
Naphthalene
Concen: 49.538 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39

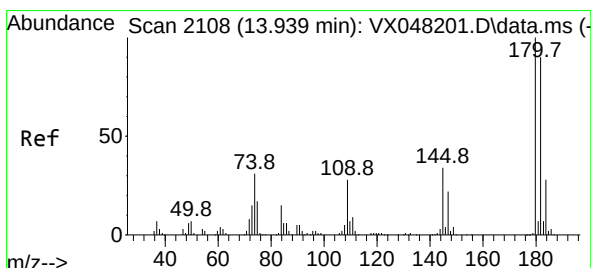
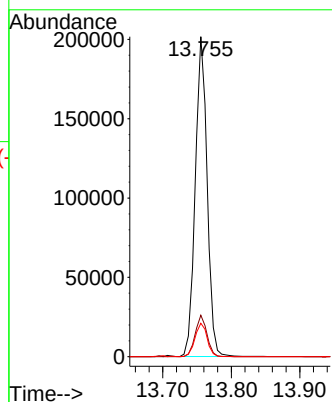
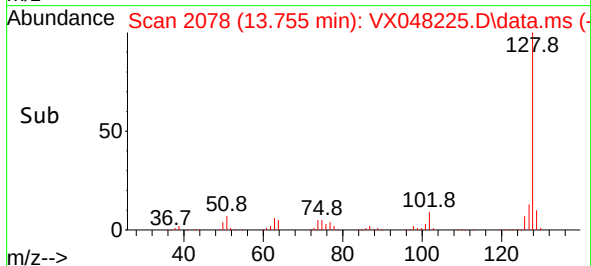
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



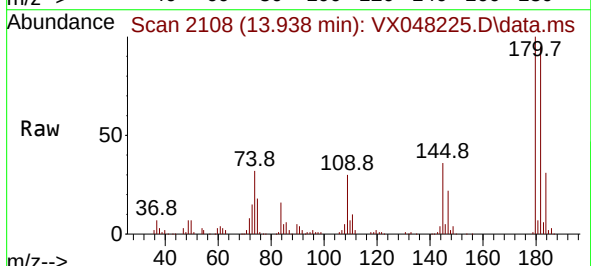
Tgt Ion:128 Resp: 24333
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.549 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048225.D
Acq: 17 Oct 2025 19:39



Tgt Ion:180 Resp: 81750
Ion Ratio Lower Upper
180 100
182 95.1 46.6 139.7
145 34.9 16.9 50.7

