

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048177.D
 Acq On : 14 Oct 2025 18:59
 Operator : JC/MD
 Sample : Q3311-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:51:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	113183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	188359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	183859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83904	46.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.140%			
35) Dibromofluoromethane	5.379	113	64643	51.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	8.635	98	206823	47.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.640%			
62) 4-Bromofluorobenzene	11.061	95	83421	50.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	54540	46.535	ug/l	99
3) Chloromethane	1.301	50	71003	46.095	ug/l	99
4) Vinyl Chloride	1.380	62	74070	49.123	ug/l	100
5) Bromomethane	1.618	94	48538	50.764	ug/l	98
6) Chloroethane	1.697	64	47379	47.013	ug/l	98
7) Trichlorofluoromethane	1.898	101	110316	49.273	ug/l	100
8) Diethyl Ether	2.136	74	41320	45.117	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	62091	47.430	ug/l	98
10) Methyl Iodide	2.459	142	76950	37.689	ug/l	99
11) Tert butyl alcohol	2.947	59	36744	183.126	ug/l	100
12) 1,1-Dichloroethene	2.325	96	63315	47.084	ug/l	95
13) Acrolein	2.239	56	30503	164.969	ug/l	99
14) Allyl chloride	2.666	41	117162	42.222	ug/l	98
15) Acrylonitrile	3.062	53	173110	232.920	ug/l	98
16) Acetone	2.373	43	135005	172.346	ug/l	96
17) Carbon Disulfide	2.520	76	191520	52.025	ug/l	99
18) Methyl Acetate	2.703	43	67978	38.994	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	215114	43.821	ug/l	98
20) Methylene Chloride	2.794	84	76520	46.149	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	69387	47.927	ug/l	98
22) Diisopropyl ether	3.757	45	245040	45.565	ug/l	98
23) Vinyl Acetate	3.715	43	936217	217.517	ug/l	100
24) 1,1-Dichloroethane	3.611	63	132635	46.402	ug/l	99
25) 2-Butanone	4.538	43	202872	207.624	ug/l	98
26) 2,2-Dichloropropane	4.471	77	94427	39.741	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	82963	46.792	ug/l	98
28) Bromochloromethane	4.891	49	59641	47.794	ug/l	100
29) Tetrahydrofuran	4.995	42	128311	218.287	ug/l	99
30) Chloroform	5.086	83	140781	48.739	ug/l	98
31) Cyclohexane	5.464	56	104351	43.833	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	114857	46.880	ug/l	98
36) 1,1-Dichloropropene	5.684	75	89974	48.743	ug/l	99
37) Ethyl Acetate	4.702	43	88046	44.548	ug/l	98
38) Carbon Tetrachloride	5.666	117	99803	49.762	ug/l	97
39) Methylcyclohexane	7.367	83	99094	47.293	ug/l	99
40) Benzene	6.025	78	280855	50.095	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	47567	46.619	ug/l	96
42) 1,2-Dichloroethane	6.074	62	105095	49.267	ug/l	99
43) Isopropyl Acetate	6.324	43	142381	43.925	ug/l	99
44) Trichloroethene	7.110	130	73396	54.150	ug/l	97
45) 1,2-Dichloropropane	7.415	63	71391	49.729	ug/l	99
46) Dibromomethane	7.568	93	52143	49.913	ug/l	96
47) Bromodichloromethane	7.805	83	110549	51.281	ug/l	100
48) Methyl methacrylate	7.677	41	72740	45.051	ug/l	96
49) 1,4-Dioxane	7.647	88	16171	991.034	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	435584	242.367	ug/l	100
52) Toluene	8.702	92	173526	50.237	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	105505	47.981	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	110077	46.835	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	67743	50.862	ug/l	99
56) Ethyl methacrylate	9.104	69	99551	47.594	ug/l	99
57) 1,3-Dichloropropane	9.293	76	115447	50.458	ug/l	99
59) 2-Hexanone	9.415	43	290363	224.955	ug/l	100
60) Dibromochloromethane	9.506	129	79592	51.864	ug/l	98
61) 1,2-Dibromoethane	9.592	107	69831	51.475	ug/l	100
64) Tetrachloroethene	9.256	164	338188	282.160	ug/l	99
65) Chlorobenzene	10.061	112	185963	44.521	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	66507	46.142	ug/l	98
67) Ethyl Benzene	10.177	91	321978	44.676	ug/l	99
68) m/p-Xylenes	10.287	106	244482	91.140	ug/l	98
69) o-Xylene	10.628	106	115463	44.501	ug/l	100
70) Styrene	10.640	104	204406	44.962	ug/l	99
71) Bromoform	10.781	173	52960	49.208	ug/l #	98
73) Isopropylbenzene	10.945	105	296306	38.916	ug/l	99
74) N-amyl acetate	10.829	43	118143	34.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	92851	40.307	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	91617m	45.183	ug/l	
77) Bromobenzene	11.183	156	73610	39.253	ug/l	98
78) n-propylbenzene	11.287	91	353805	39.309	ug/l	100
79) 2-Chlorotoluene	11.348	91	214818	38.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	245592	39.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	26756	33.650	ug/l	97
82) 4-Chlorotoluene	11.439	91	255455	39.236	ug/l	100
83) tert-Butylbenzene	11.695	119	245346	38.313	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	248576	39.195	ug/l	99
85) sec-Butylbenzene	11.872	105	294940	38.776	ug/l	99
86) p-Isopropyltoluene	11.994	119	244107	37.908	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	135392	38.871	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	138429	38.722	ug/l	99
89) n-Butylbenzene	12.317	91	223001	37.426	ug/l	98
90) Hexachloroethane	12.518	117	48235	42.664	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	128968	38.864	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17178	36.832	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	74788	34.678	ug/l	95
94) Hexachlorobutadiene	13.707	225	25789	35.204	ug/l	99
95) Naphthalene	13.756	128	234346	35.684	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	73249	36.512	ug/l	100

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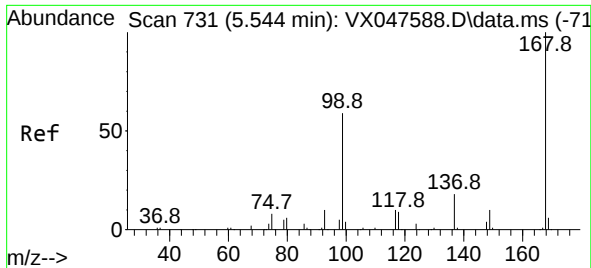
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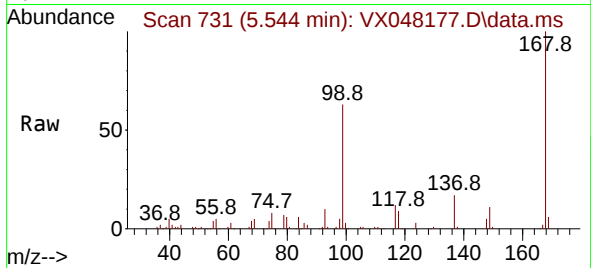
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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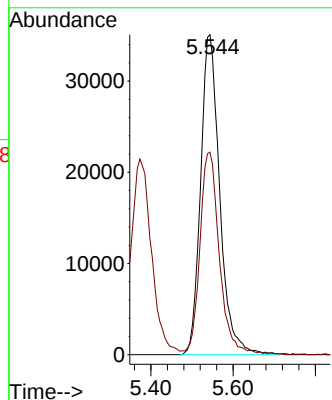
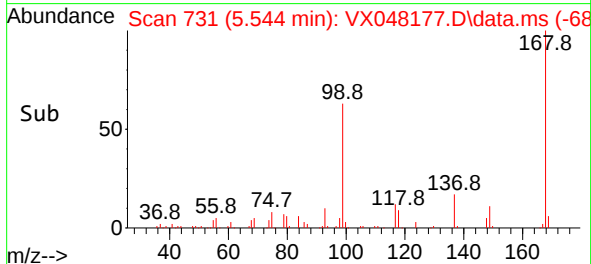
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion:168 Resp: 11318
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2

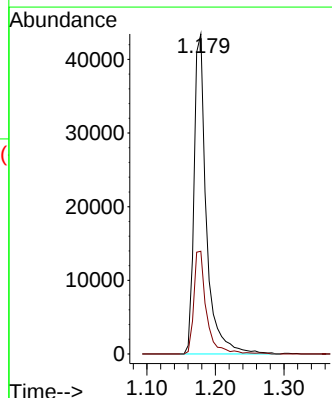
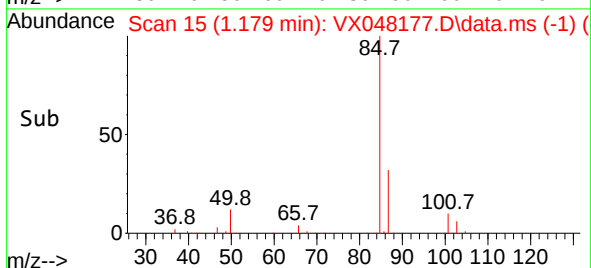
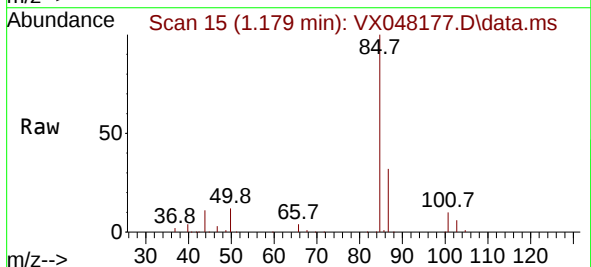
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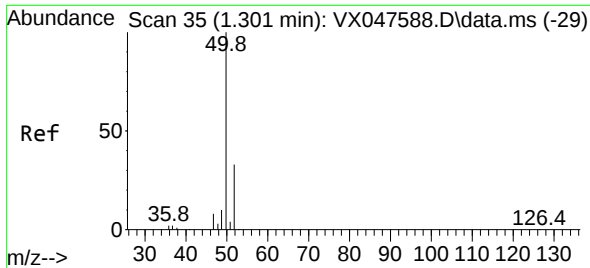
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#2
Dichlorodifluoromethane
Concen: 46.535 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

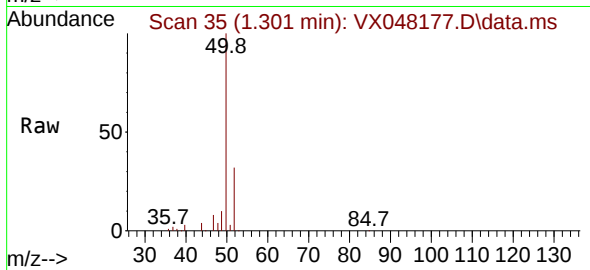
Tgt Ion: 85 Resp: 54540
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





#3
Chloromethane
Concen: 46.095 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

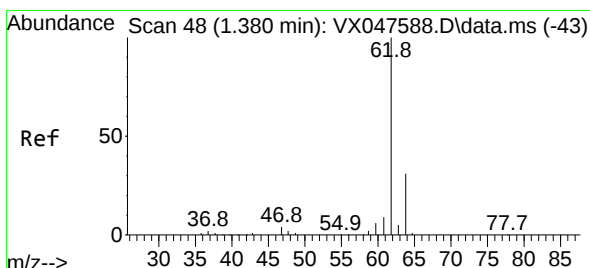
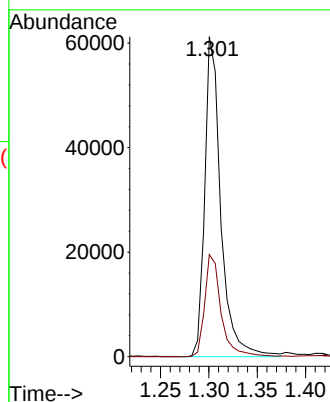
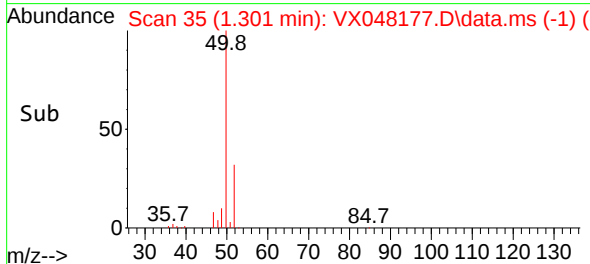
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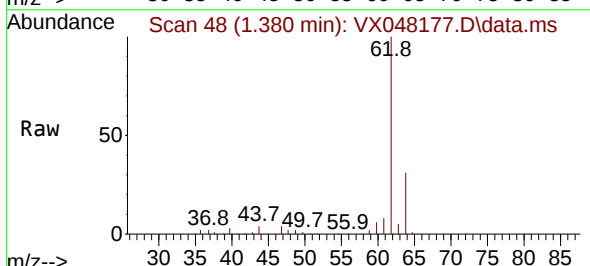
Tgt Ion: 50 Resp: 71000
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

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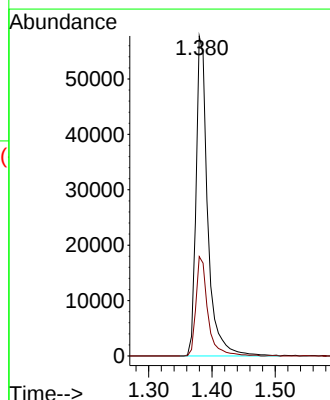
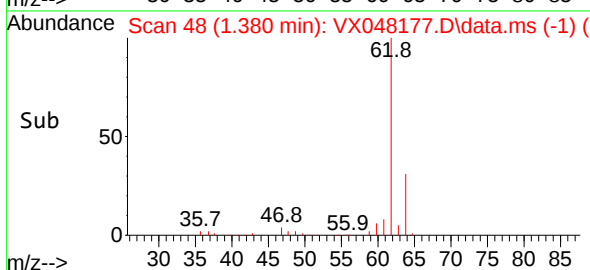
Reviewed By :John Carlone 10/15/2025
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#4
Vinyl Chloride
Concen: 49.123 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



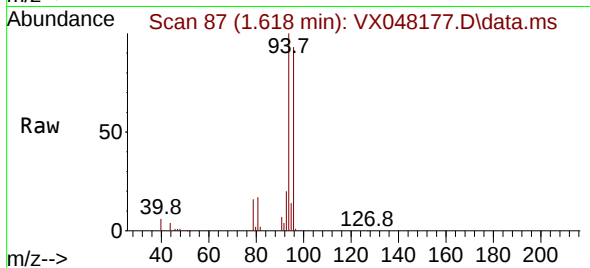
Tgt Ion: 62 Resp: 74070
Ion Ratio Lower Upper
62 100
64 31.0 24.9 37.3





#5
Bromomethane
Concen: 50.764 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

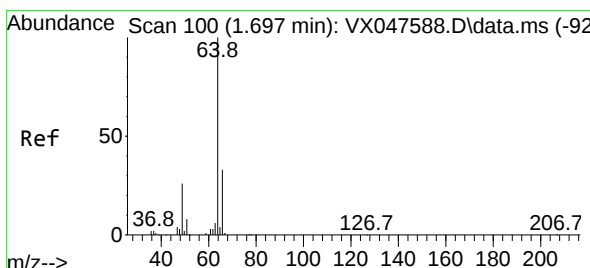
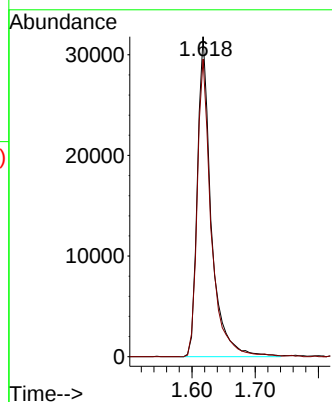
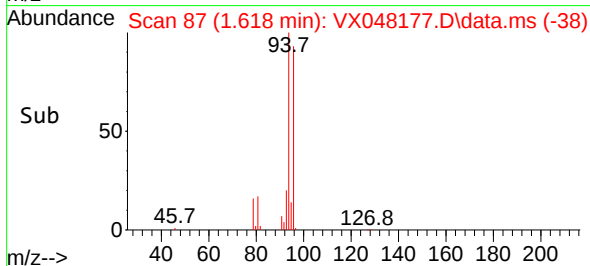
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 94 Resp: 48538
Ion Ratio Lower Upper
94 100
96 94.1 76.6 115.0

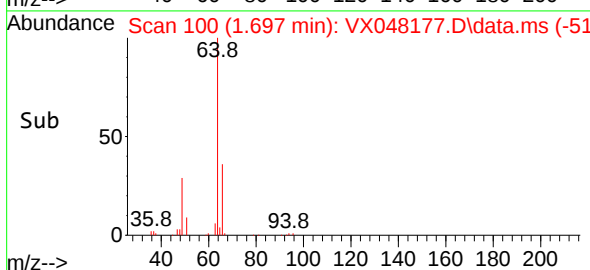
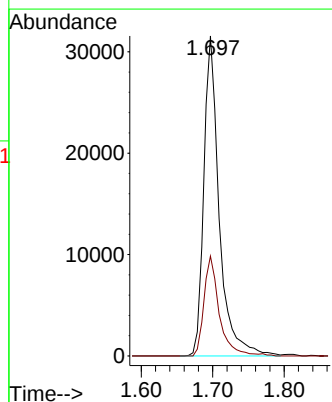
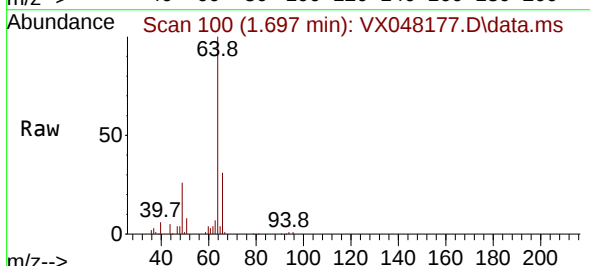
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#6
Chloroethane
Concen: 47.013 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048177.D
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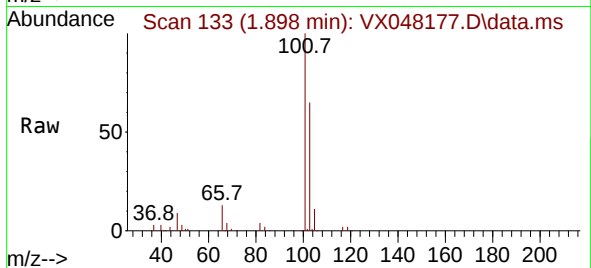
Tgt Ion: 64 Resp: 47379
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 49.273 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

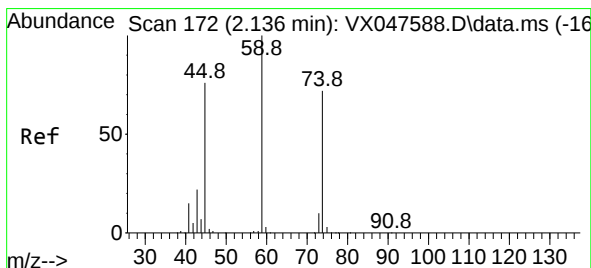
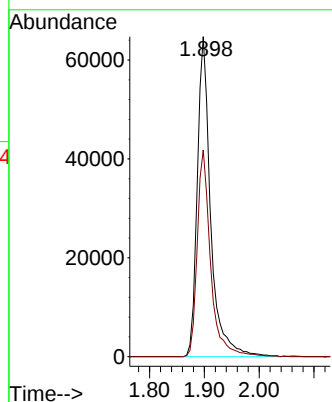
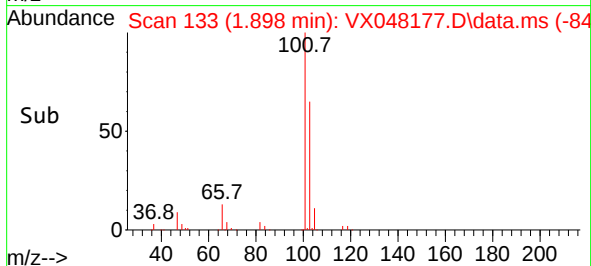
Instrument :
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Tgt Ion:101 Resp: 110310
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

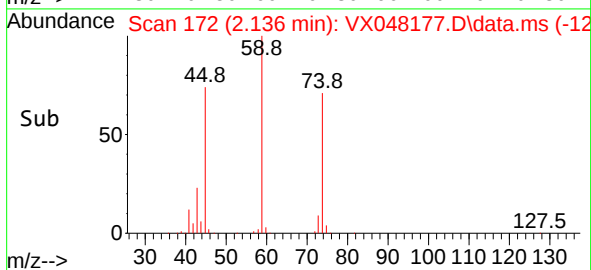
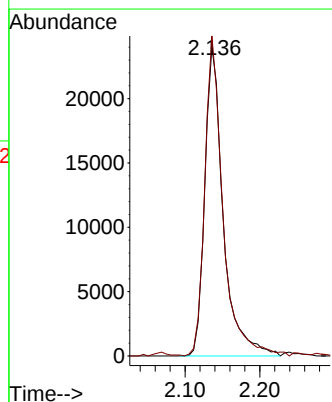
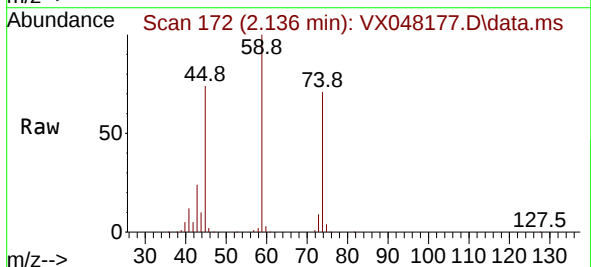
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#8
Diethyl Ether
Concen: 45.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 74 Resp: 41320
Ion Ratio Lower Upper
74 100
45 101.7 52.3 156.8





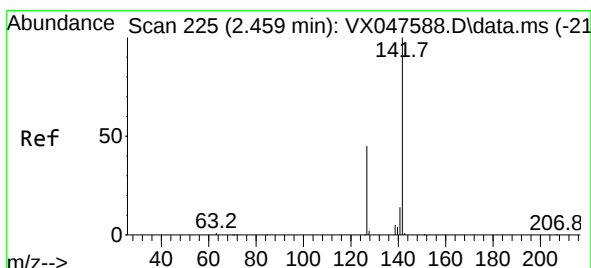
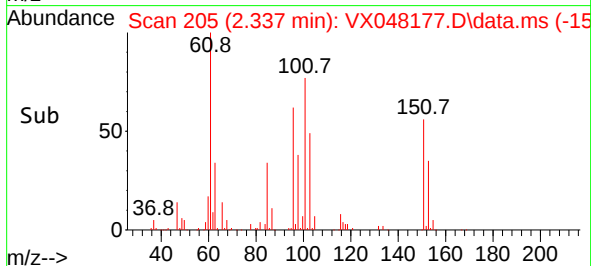
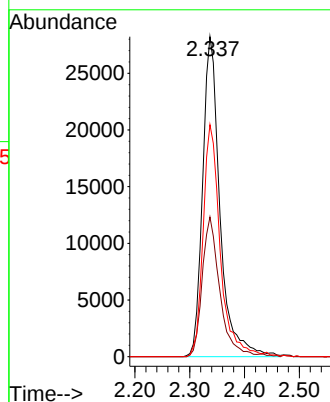
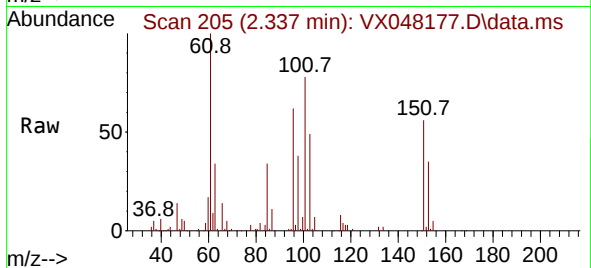
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.430 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048177.D
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Tgt Ion:101 Resp: 6209
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 72.2 59.4 89.0

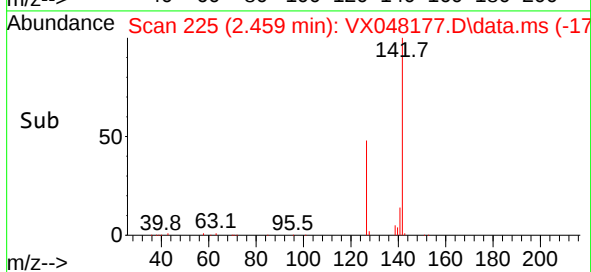
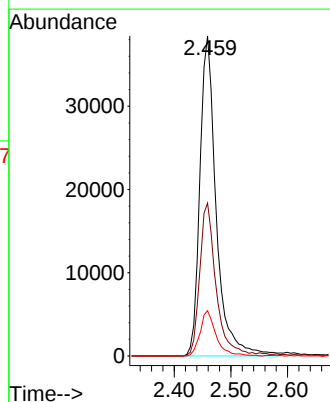
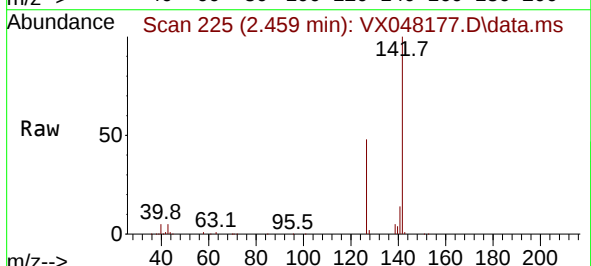
Manual Integrations
APPROVED

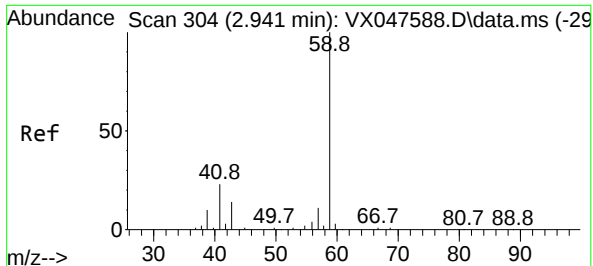
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 37.689 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:142 Resp: 76950
Ion Ratio Lower Upper
142 100
127 47.5 37.2 55.8
141 13.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 183.126 ug/l

RT: 2.947 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 59 Resp: 36744

Ion Ratio Lower Upper

59 100

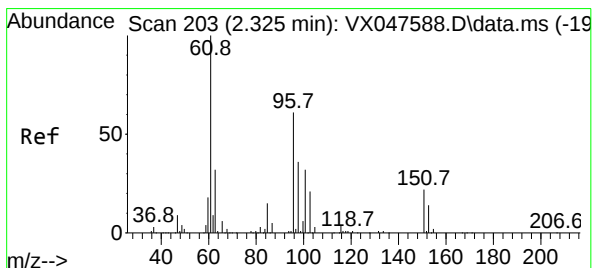
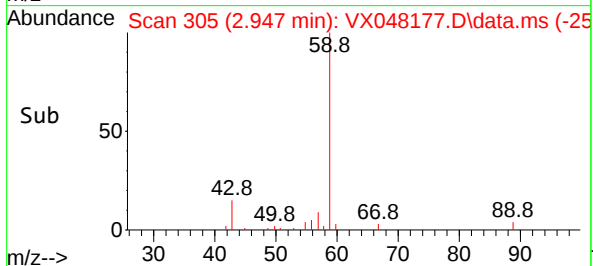
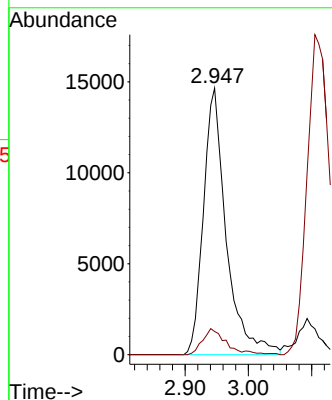
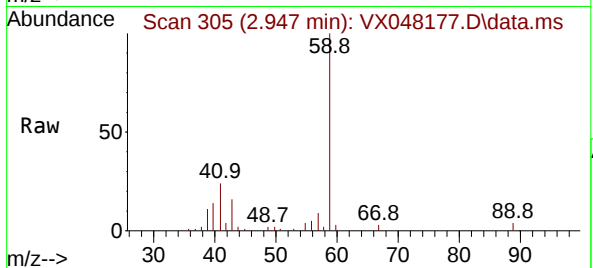
57 10.2 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#12

1,1-Dichloroethene

Concen: 47.084 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

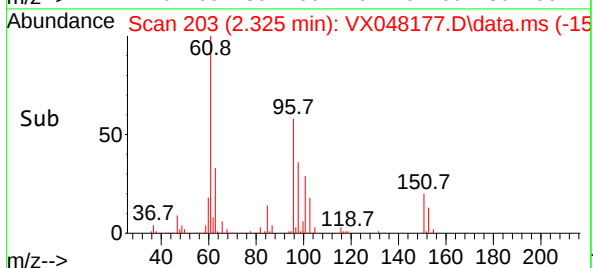
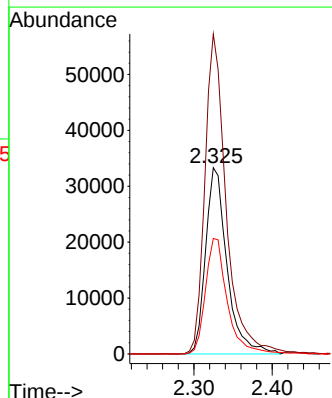
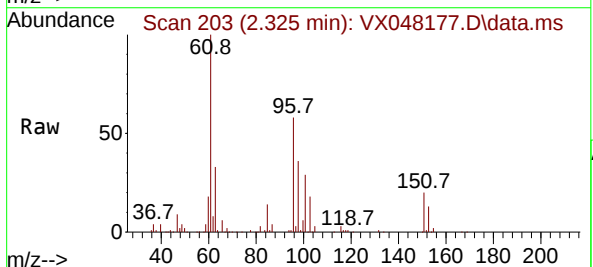
Tgt Ion: 96 Resp: 63315

Ion Ratio Lower Upper

96 100

61 171.8 131.0 196.6

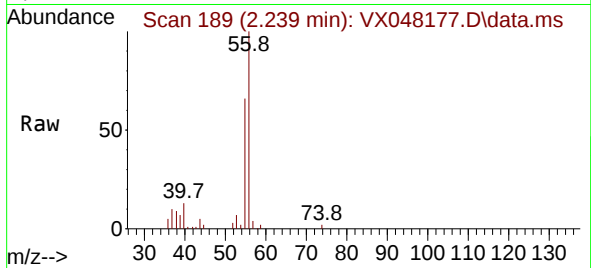
98 62.0 47.7 71.5





#13
Acrolein
Concen: 164.969 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

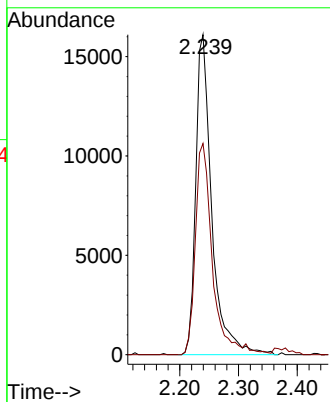
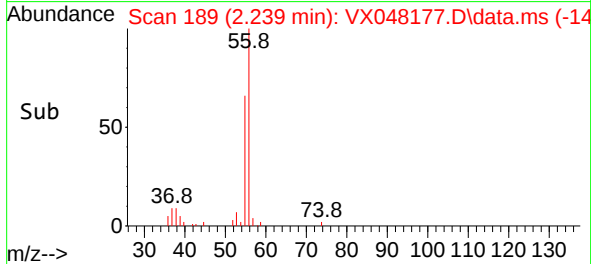
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 56 Resp: 3050
Ion Ratio Lower Upper
56 100
55 70.5 57.2 85.8

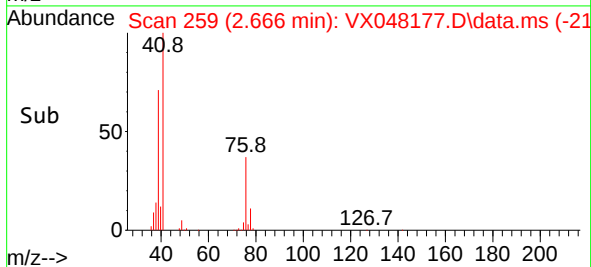
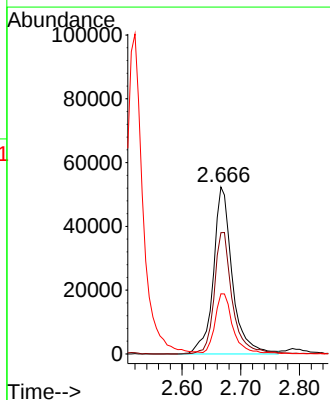
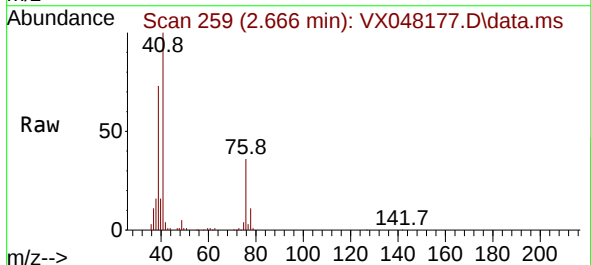
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 42.222 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

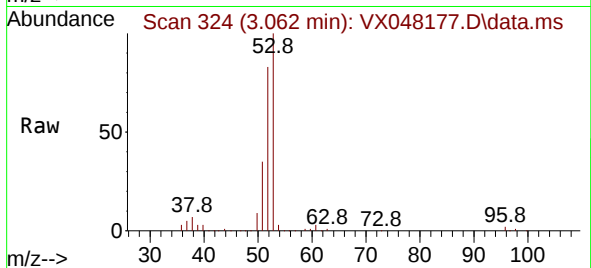
Tgt Ion: 41 Resp: 117162
Ion Ratio Lower Upper
41 100
39 69.8 54.7 82.1
76 34.1 25.7 38.5





#15
Acrylonitrile
Concen: 232.920 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

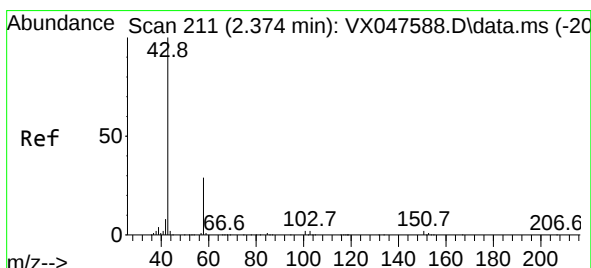
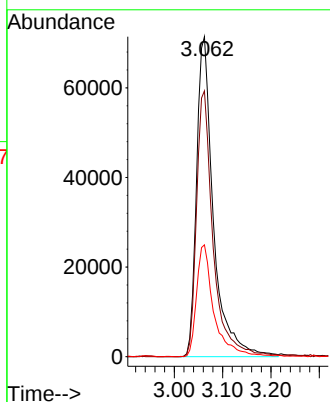
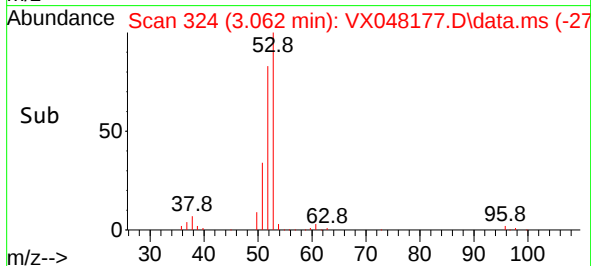
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



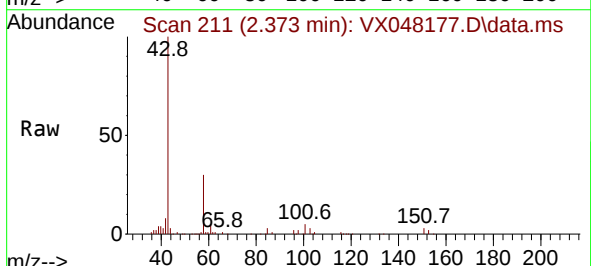
Tgt Ion: 53 Resp: 173110
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 36.0 29.5 44.3

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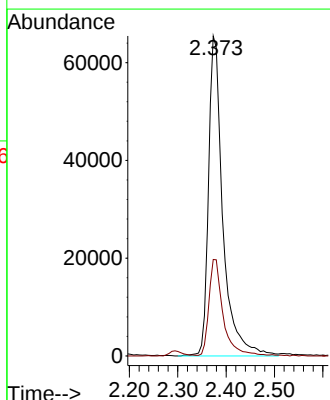
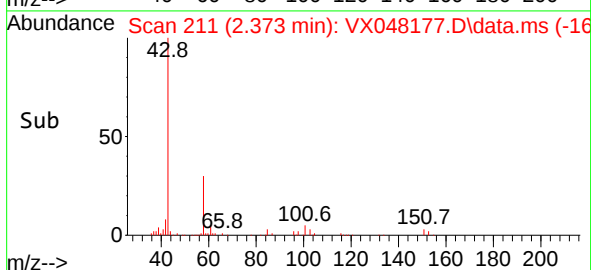
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

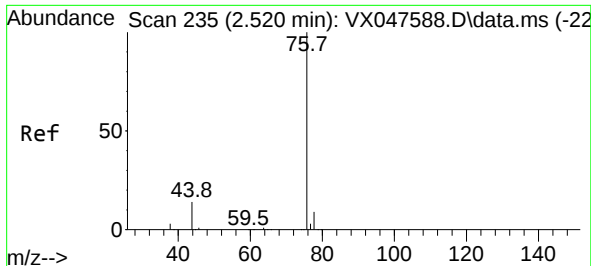


#16
Acetone
Concen: 172.346 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion: 43 Resp: 135005
Ion Ratio Lower Upper
43 100
58 31.5 23.4 35.0





#17

Carbon Disulfide

Concen: 52.025 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 76 Resp: 191520

Ion Ratio Lower Upper

76 100

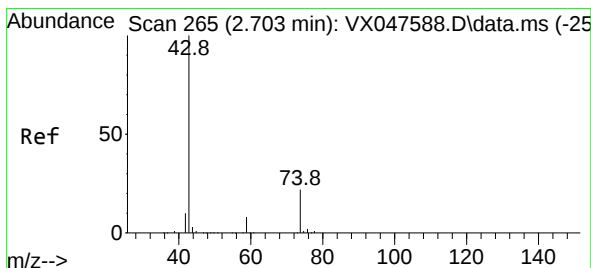
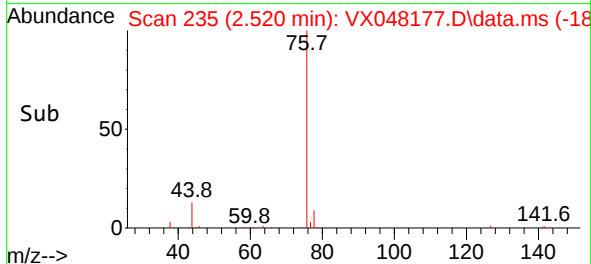
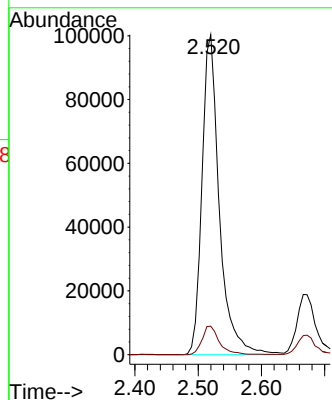
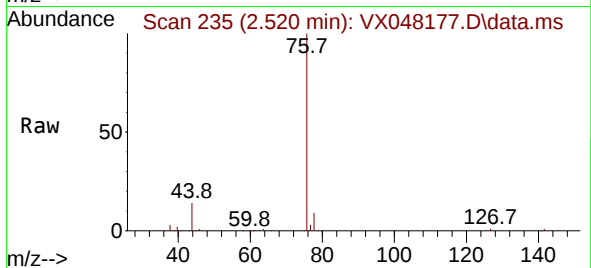
78 8.9 6.8 10.2

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#18

Methyl Acetate

Concen: 38.994 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX048177.D

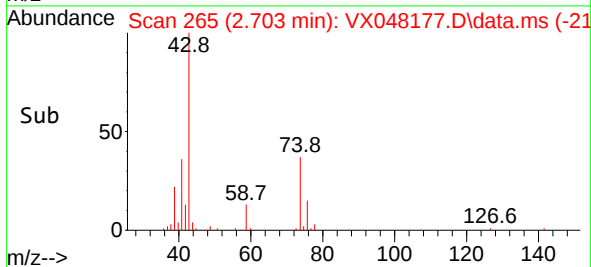
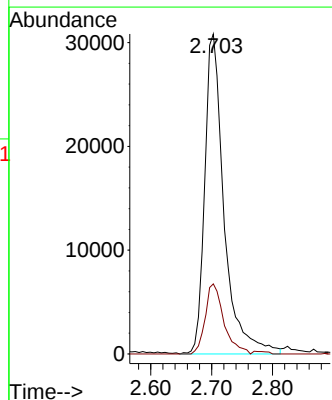
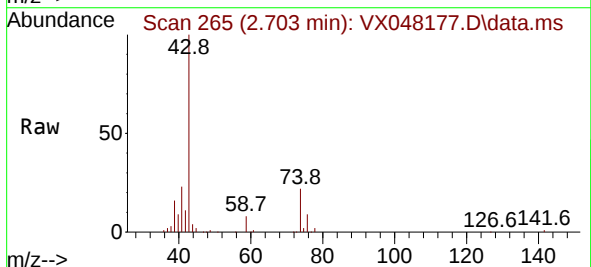
Acq: 14 Oct 2025 18:59

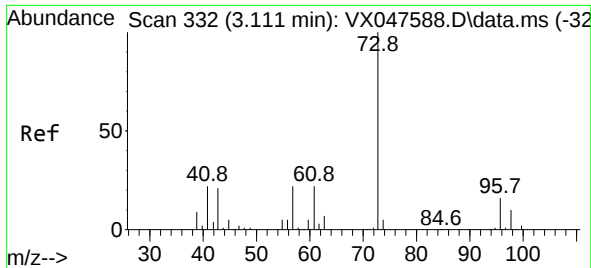
Tgt Ion: 43 Resp: 67978

Ion Ratio Lower Upper

43 100

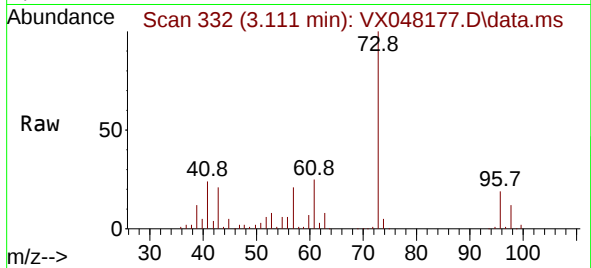
74 21.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 43.821 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

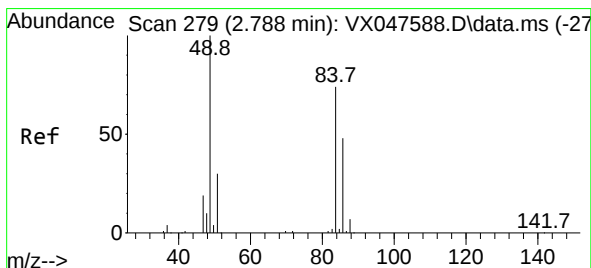
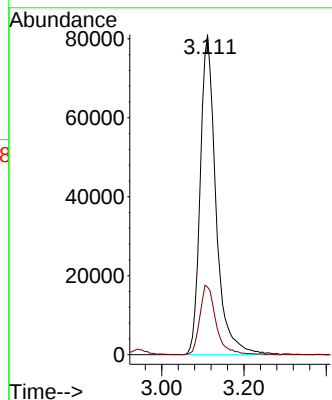
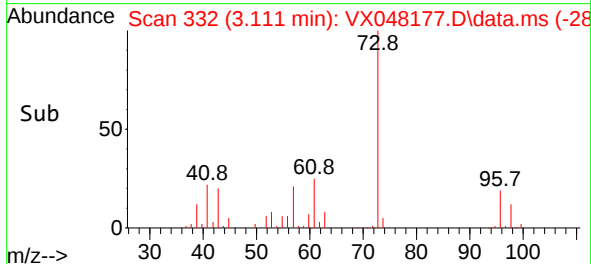
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 73 Resp: 215114
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2

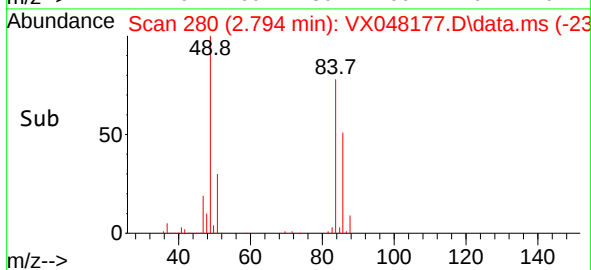
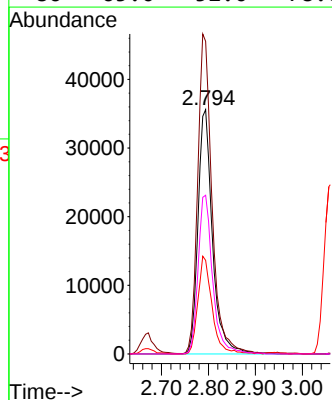
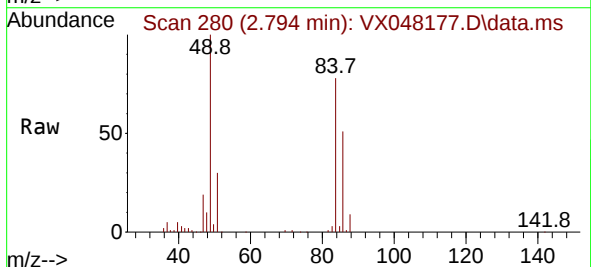
Manual Integrations
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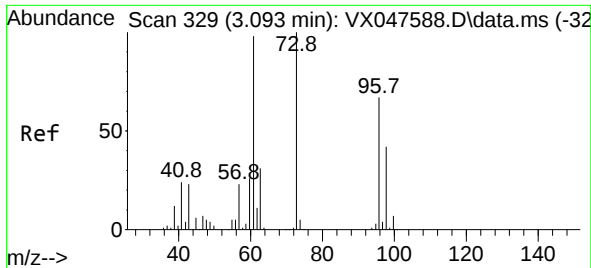
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#20
Methylene Chloride
Concen: 46.149 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

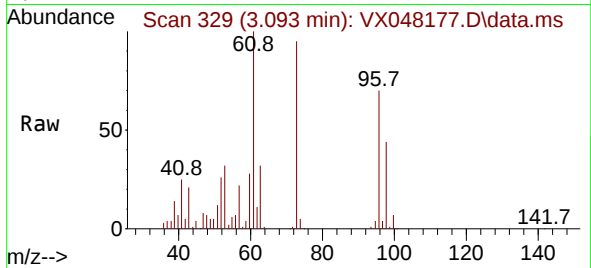
Tgt Ion: 84 Resp: 76520
Ion Ratio Lower Upper
84 100
49 127.8 108.6 162.8
51 38.3 32.6 48.8
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 47.927 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

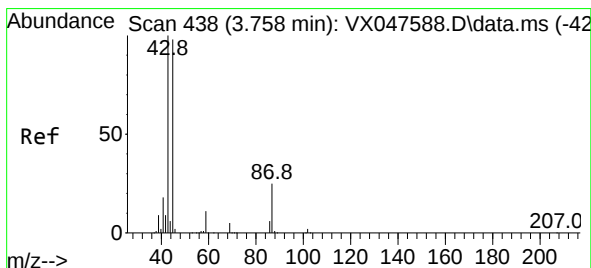
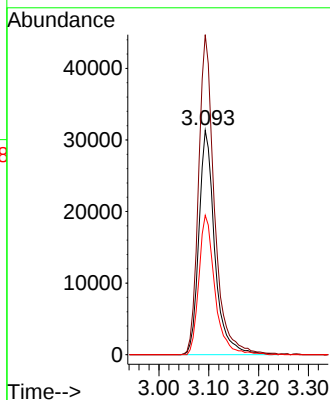
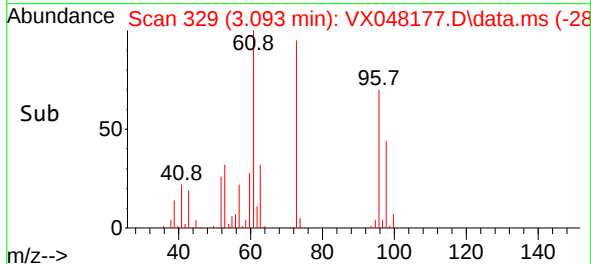
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



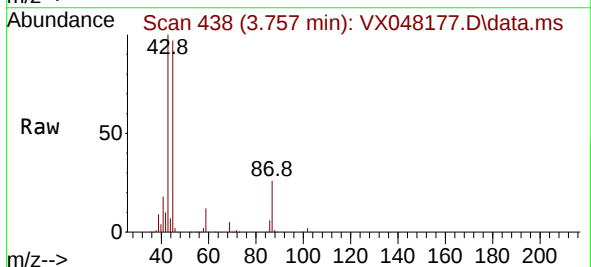
Tgt Ion: 96 Resp: 6938
Ion Ratio Lower Upper
96 100
61 142.6 116.2 174.2
98 62.1 49.3 73.9

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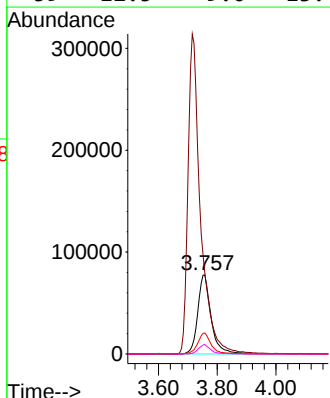
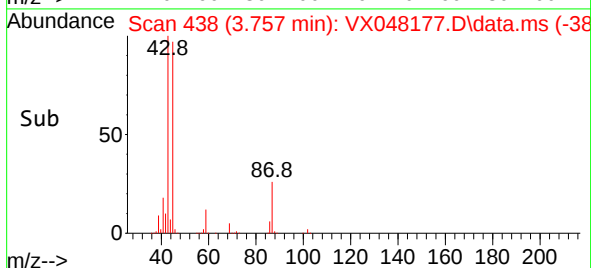
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

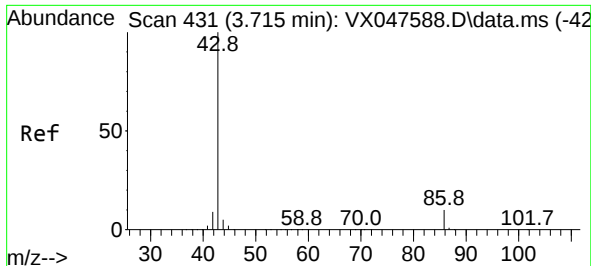


#22
Diisopropyl ether
Concen: 45.565 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



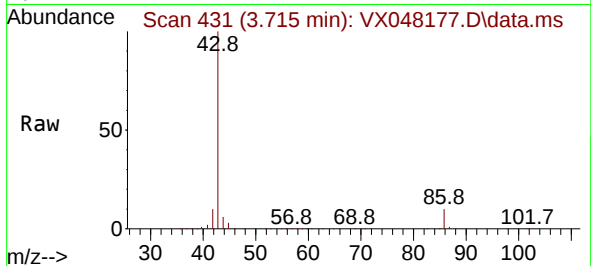
Tgt Ion: 45 Resp: 245040
Ion Ratio Lower Upper
45 100
43 103.1 81.0 121.4
87 26.6 20.3 30.5
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 217.517 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59

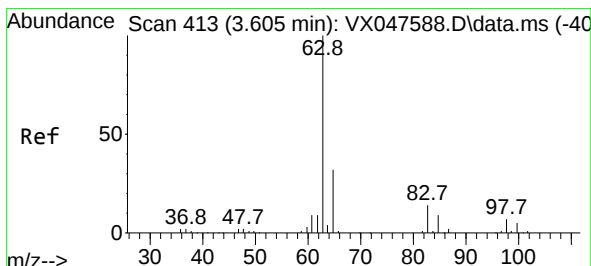
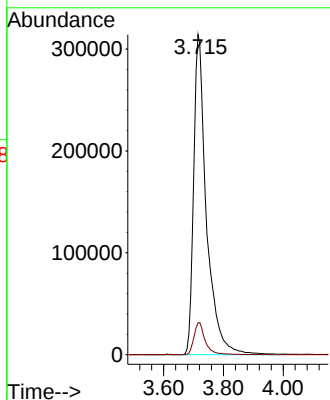
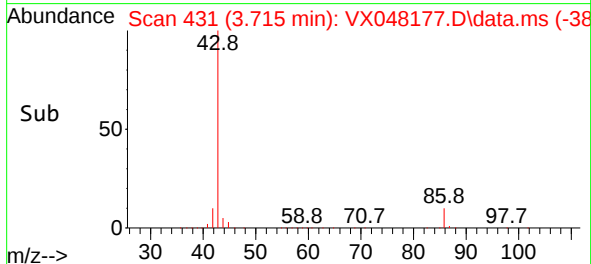
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS



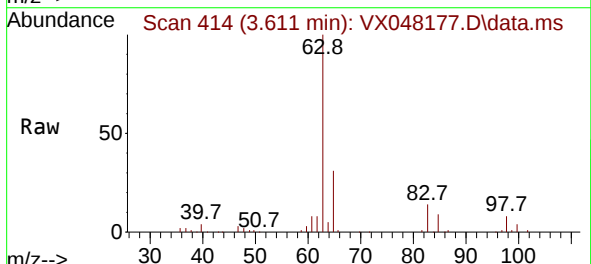
Tgt Ion: 43 Resp: 93621
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

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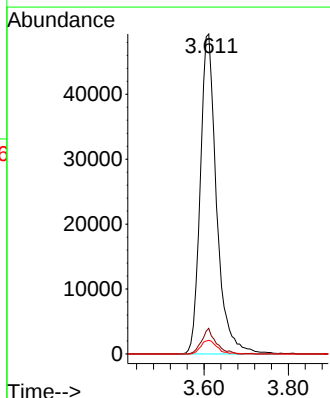
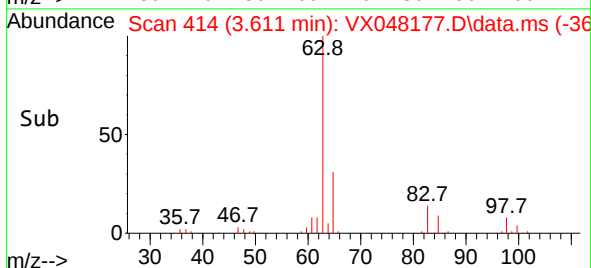
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

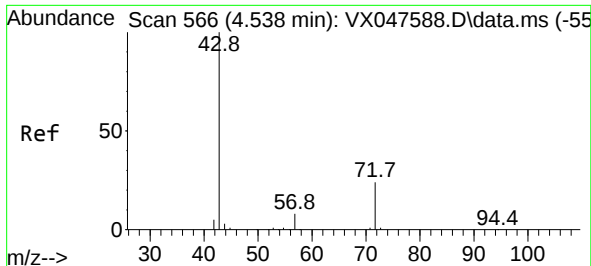


#24
 1,1-Dichloroethane
 Concen: 46.402 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59



Tgt Ion: 63 Resp: 132635
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.3 2.3 6.9





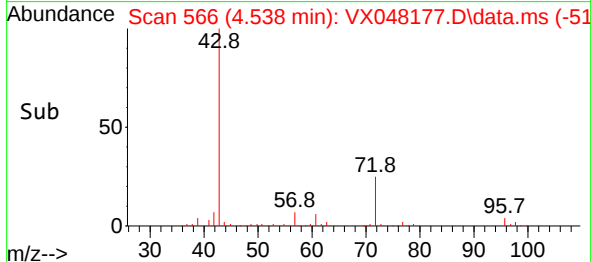
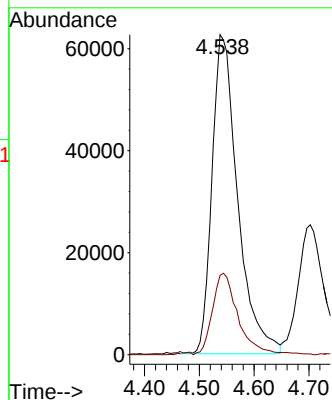
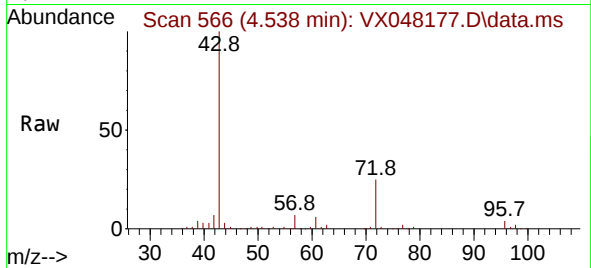
#25
2-Butanone
Concen: 207.624 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 43 Resp: 202872
Ion Ratio Lower Upper
43 100
72 24.1 20.1 30.1

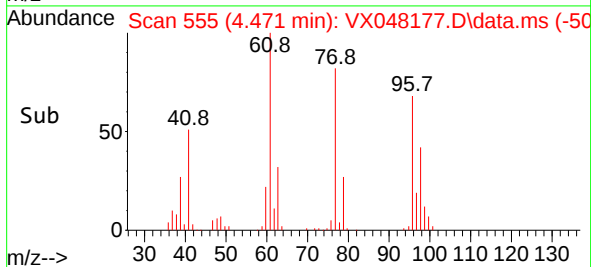
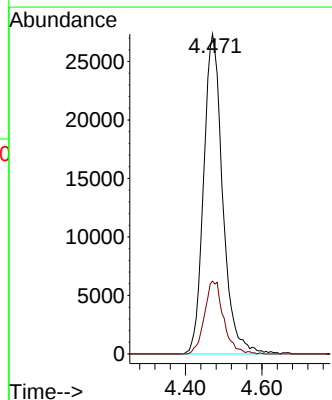
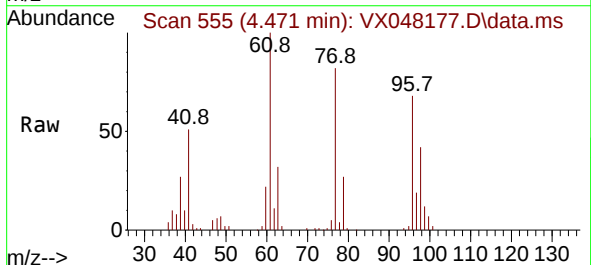
Manual Integrations
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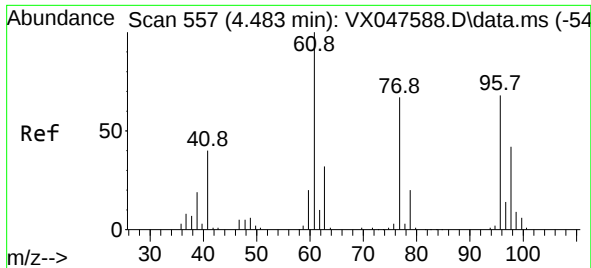
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 39.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 77 Resp: 94427
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 46.792 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 96 Resp: 8296

Ion Ratio Lower Upper

96 100

61 147.9 0.0 303.2

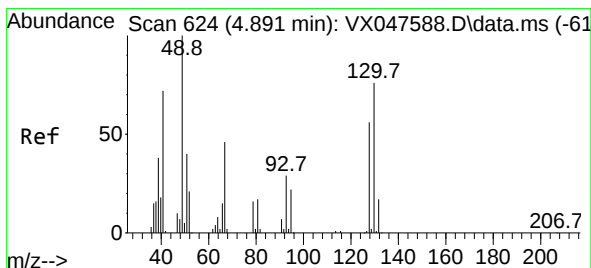
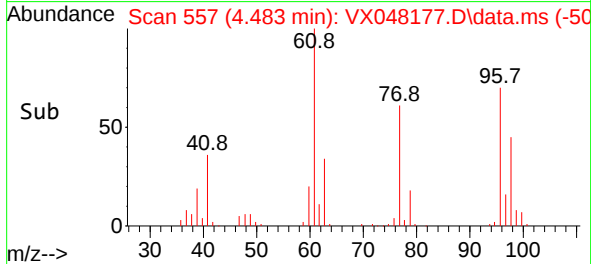
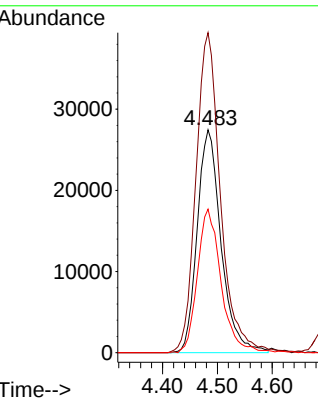
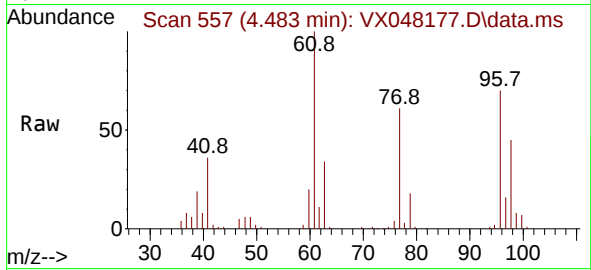
98 63.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 47.794 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

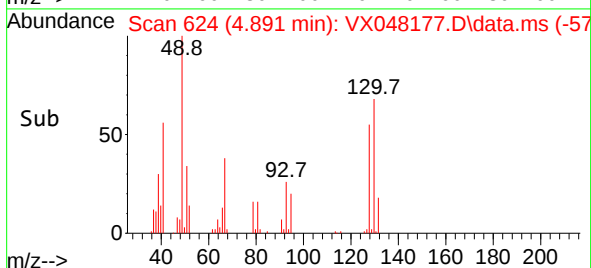
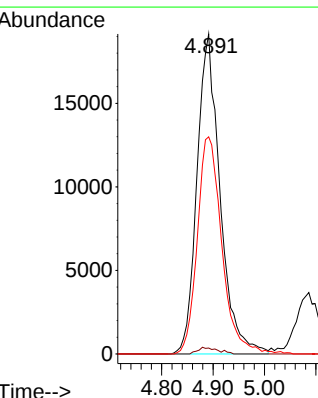
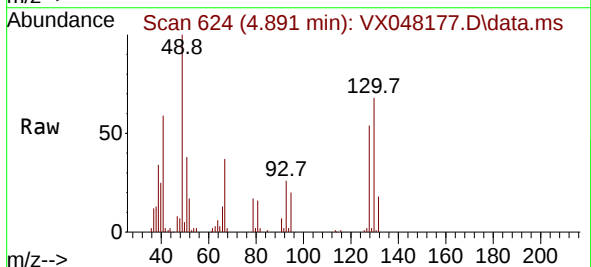
Tgt Ion: 49 Resp: 59641

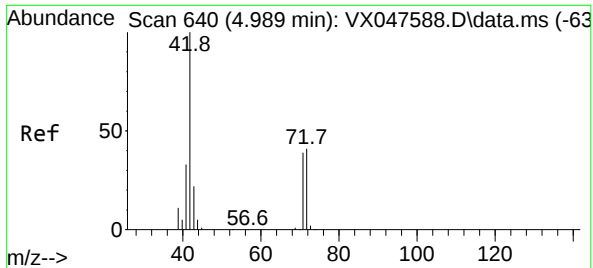
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

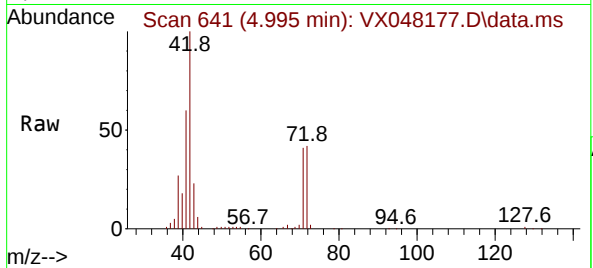
130 72.1 57.8 86.8





#29
Tetrahydrofuran
Concen: 218.287 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

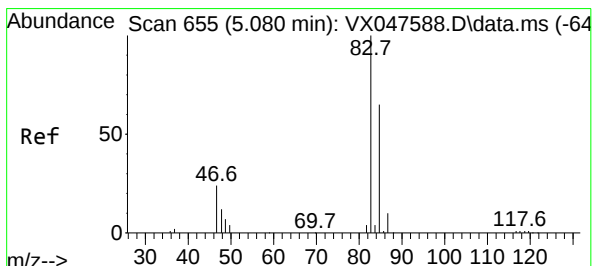
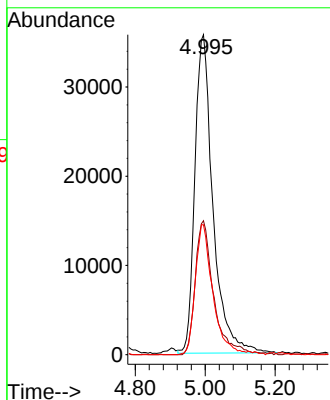
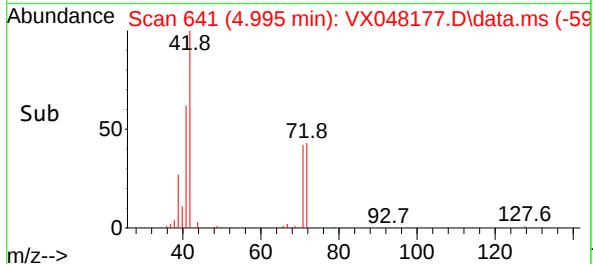
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 42 Resp: 12831
Ion Ratio Lower Upper
42 100
72 42.4 34.2 51.2
71 39.5 31.9 47.9

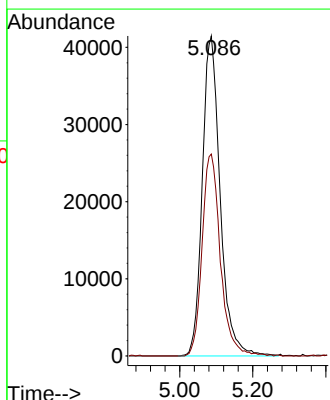
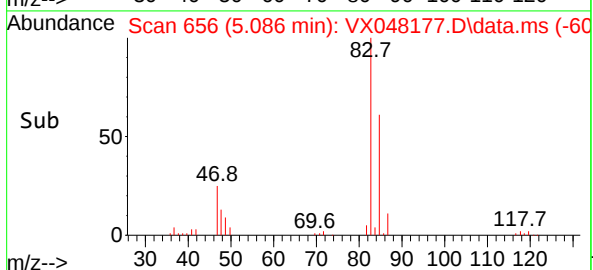
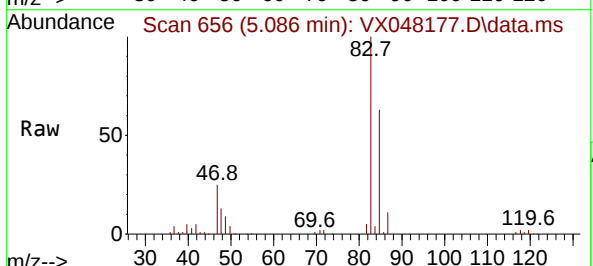
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#30
Chloroform
Concen: 48.739 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

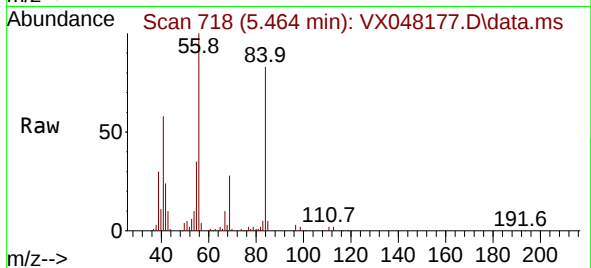
Tgt Ion: 83 Resp: 140781
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6





#31
Cyclohexane
Concen: 43.833 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

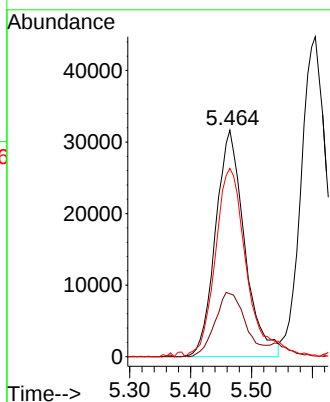
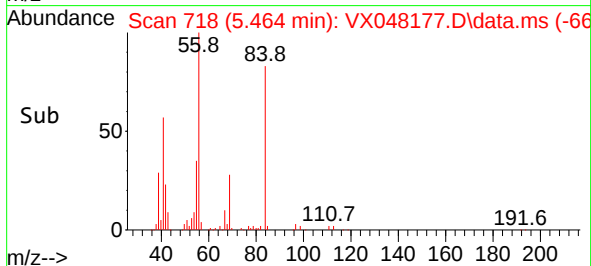
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 56 Resp: 10435
Ion Ratio Lower Upper
56 100
69 27.4 23.8 35.8
84 81.2 64.6 97.0

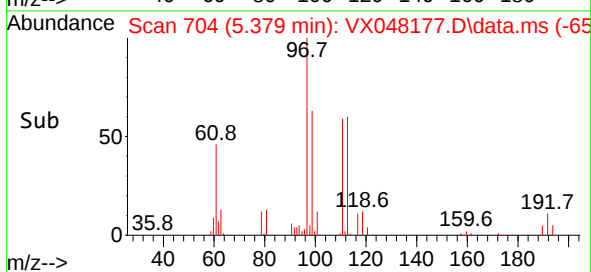
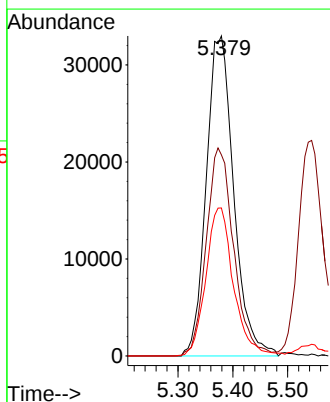
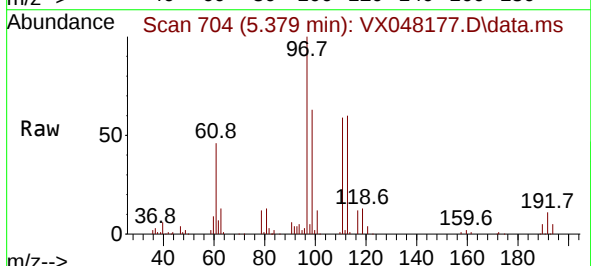
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 46.880 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 97 Resp: 114857
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 46.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 46.572 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 65 Resp: 83904

Ion Ratio Lower Upper

65 100

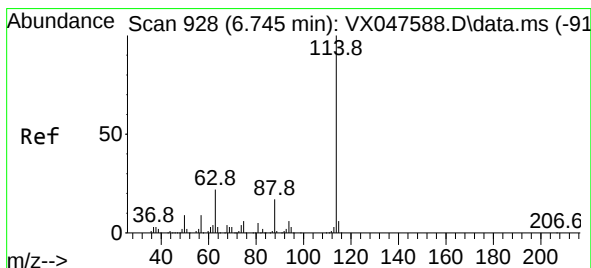
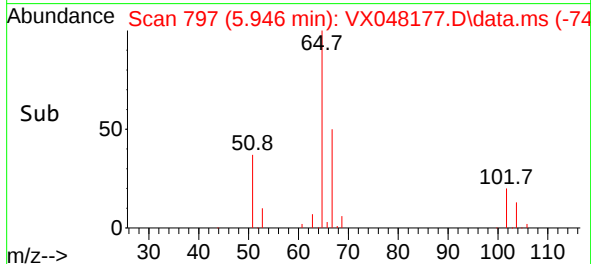
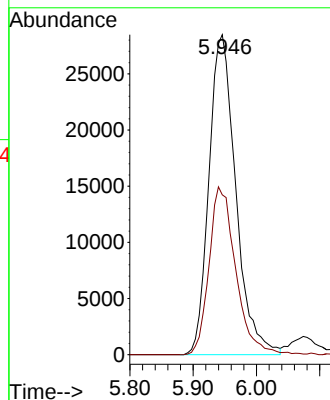
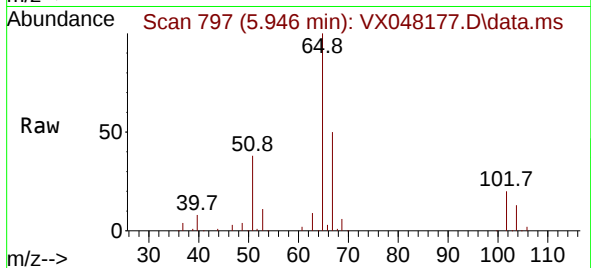
67 52.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

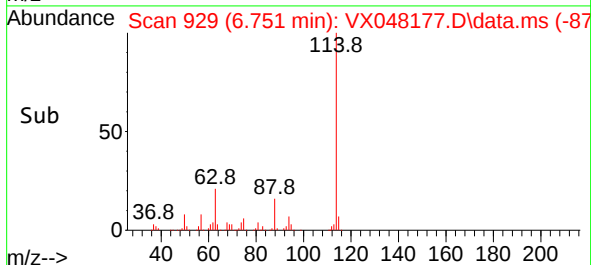
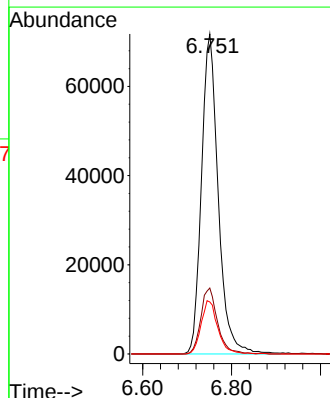
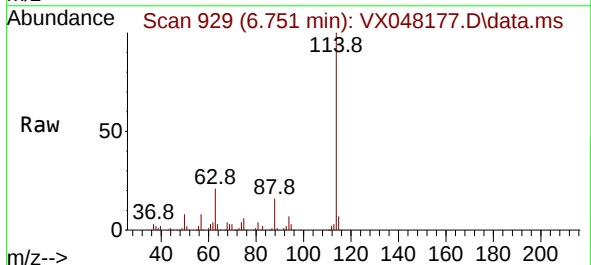
Tgt Ion:114 Resp: 188359

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.0

88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.172 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion:113 Resp: 6464

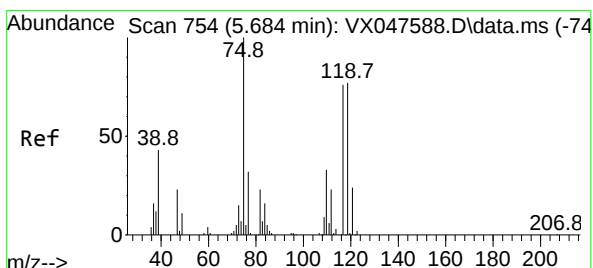
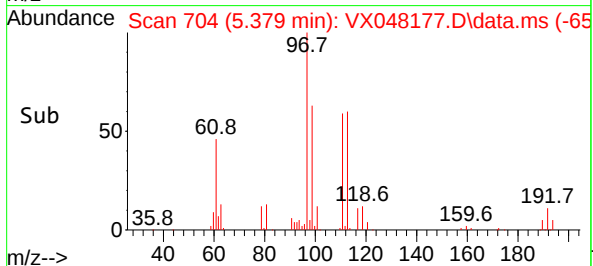
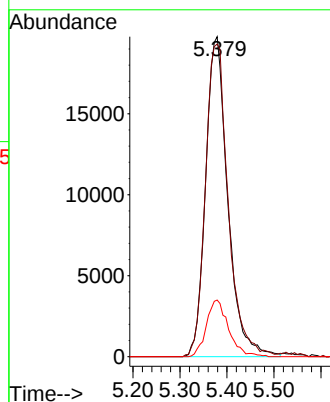
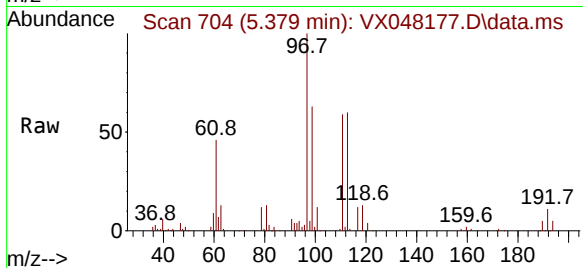
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.9	121.3
192	17.8	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#36

1,1-Dichloropropene

Concen: 48.743 ug/l

RT: 5.684 min Scan# 754

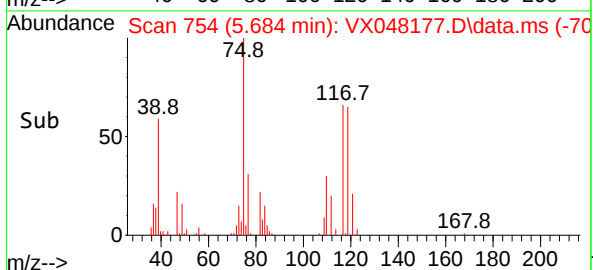
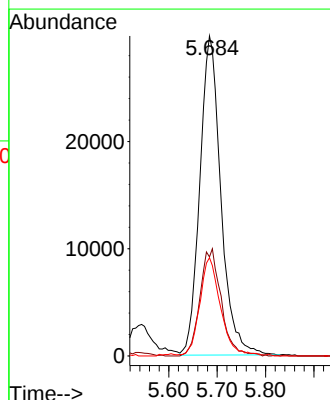
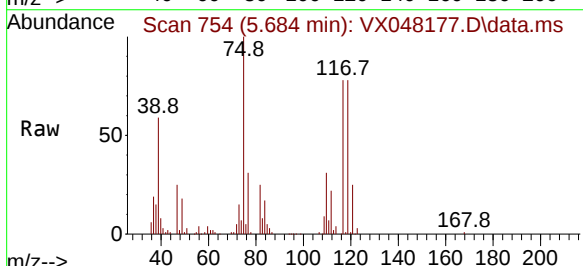
Delta R.T. -0.000 min

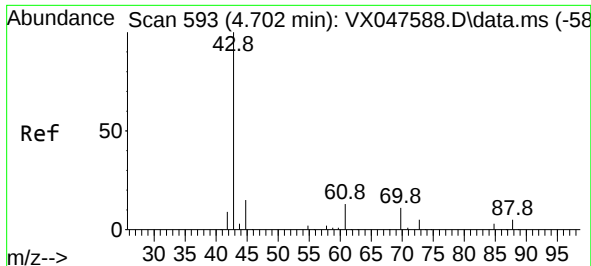
Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 89974

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.1
77	29.7	24.3	36.5





#37

Ethyl Acetate

Concen: 44.548 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

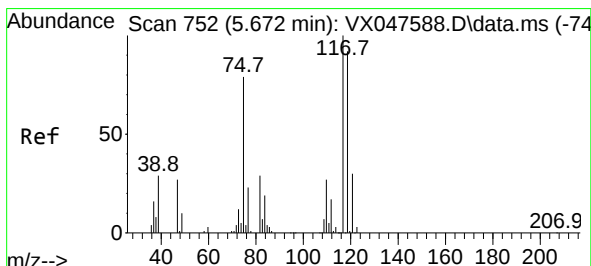
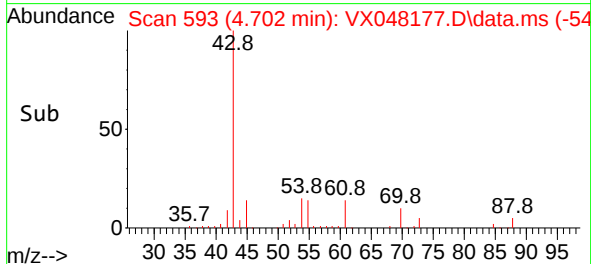
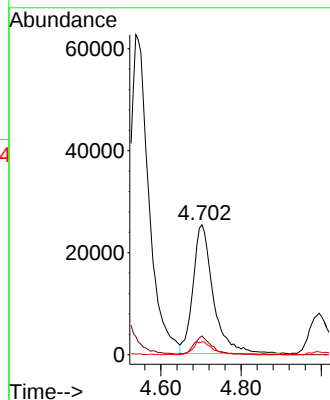
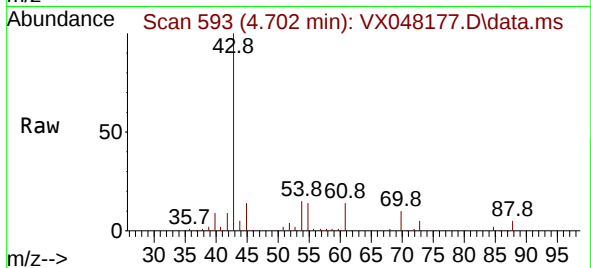
Tgt Ion:	43	Resp:	88040
Ion Ratio	Lower	Upper	
43	100		
61	11.4	9.8	14.8
70	9.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#38

Carbon Tetrachloride

Concen: 49.762 ug/l

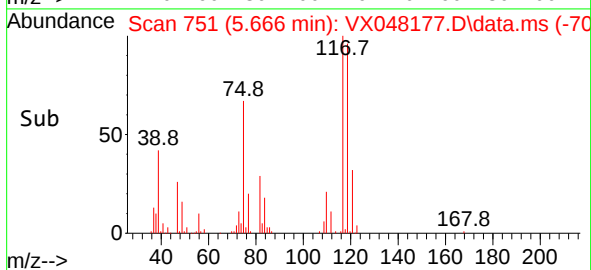
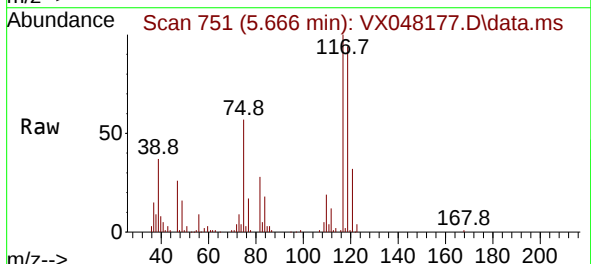
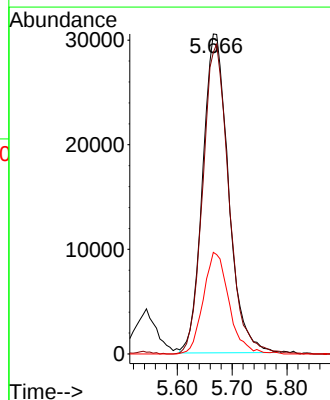
RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Tgt Ion:	117	Resp:	99803
Ion Ratio	Lower	Upper	
117	100		
119	94.3	73.4	110.2
121	31.7	23.8	35.6





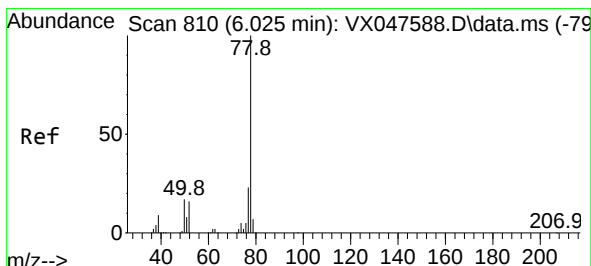
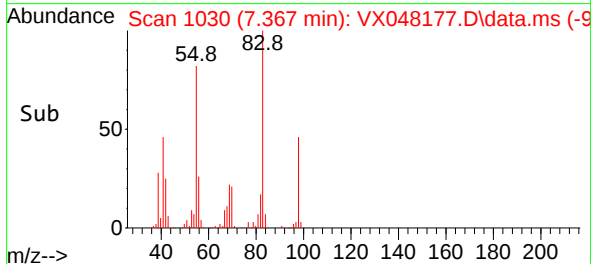
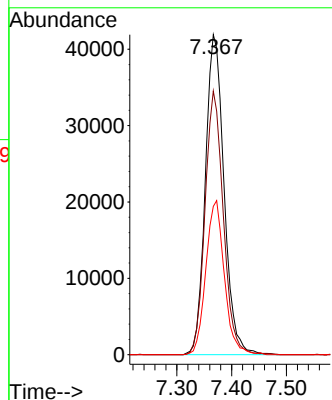
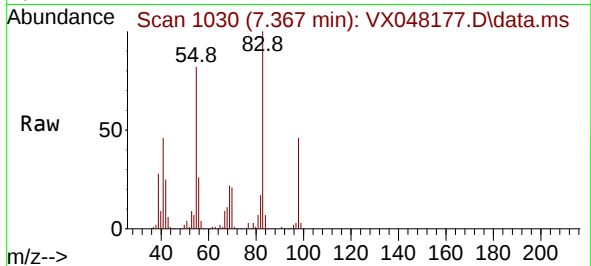
#39
Methylcyclohexane
Concen: 47.293 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 83 Resp: 99094
Ion Ratio Lower Upper
83 100
55 82.4 66.4 99.6
98 46.4 38.1 57.1

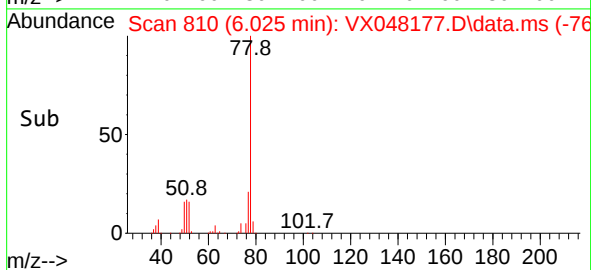
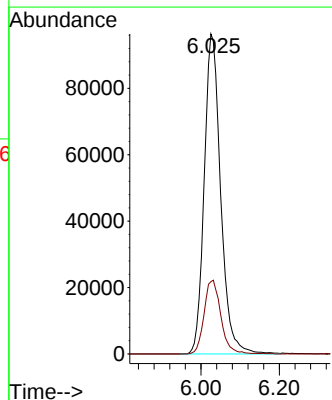
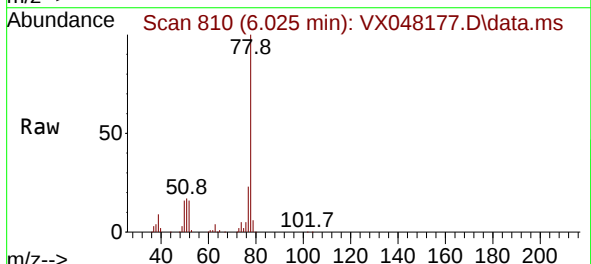
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#40
Benzene
Concen: 50.095 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

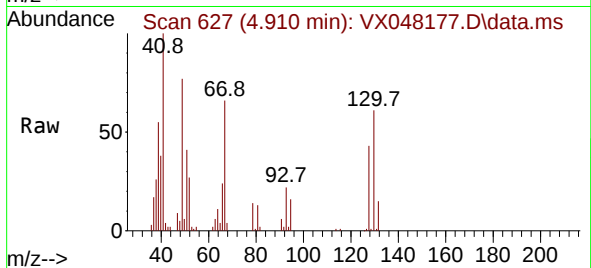
Tgt Ion: 78 Resp: 280855
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#41
Methacrylonitrile
Concen: 46.619 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

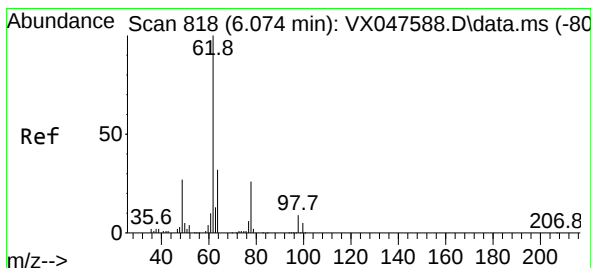
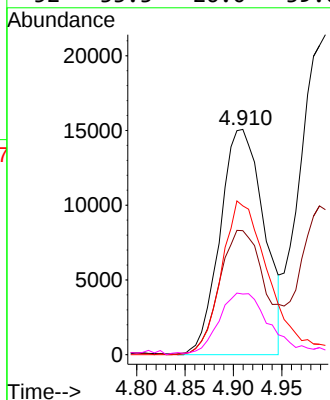
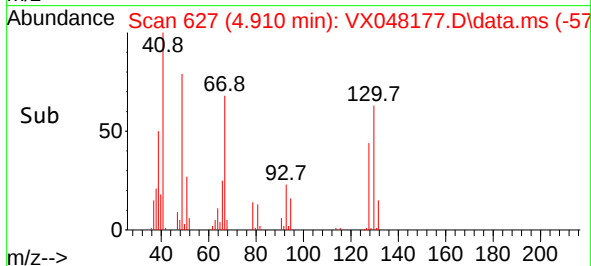
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 41 Resp: 4756
Ion Ratio Lower Upper
41 100
39 59.0 43.3 64.9
67 76.2 58.6 87.8
52 33.3 26.0 39.0

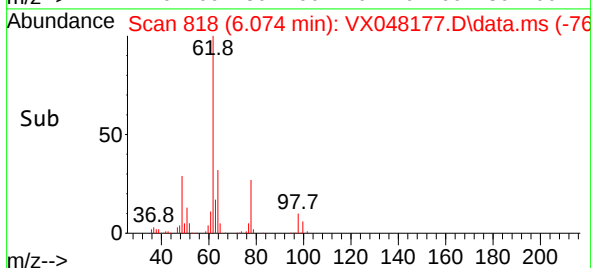
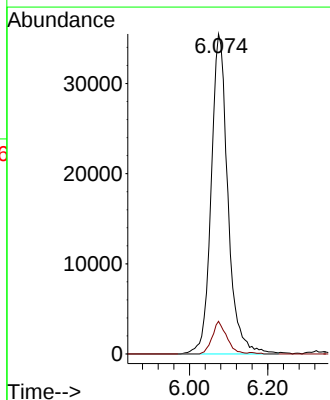
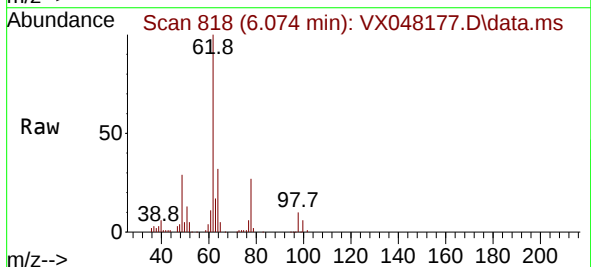
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#42
1,2-Dichloroethane
Concen: 49.267 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

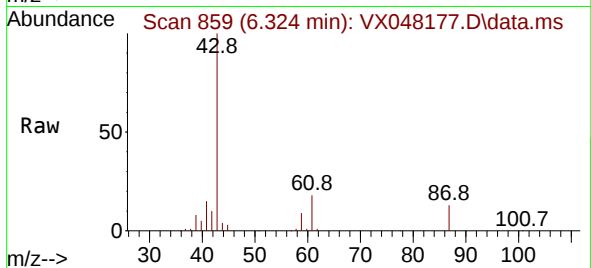
Tgt Ion: 62 Resp: 105095
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.0





#43
Isopropyl Acetate
Concen: 43.925 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

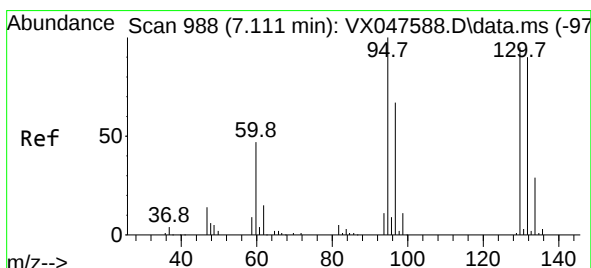
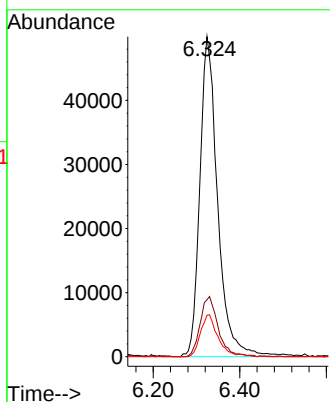
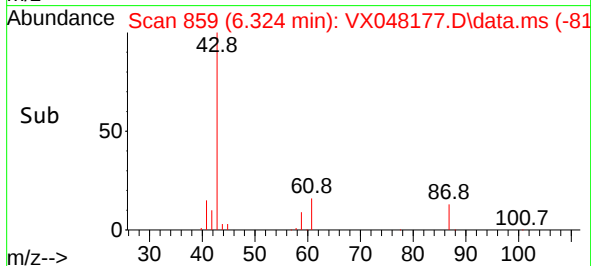
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



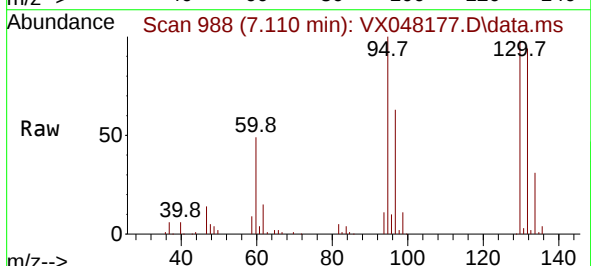
Tgt Ion: 43 Resp: 14238
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.9 9.6 14.4

Manual Integrations
APPROVED

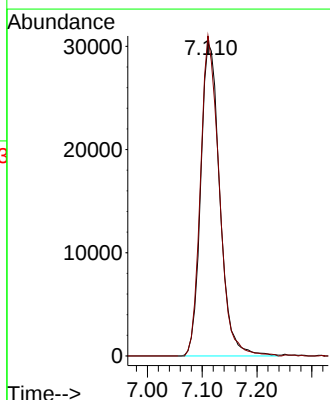
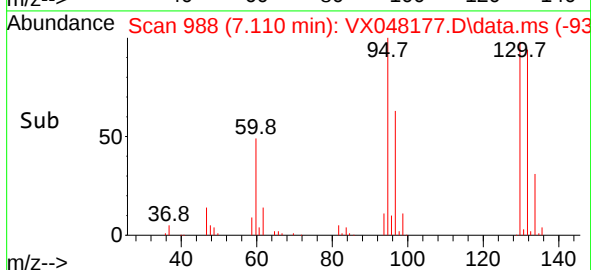
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

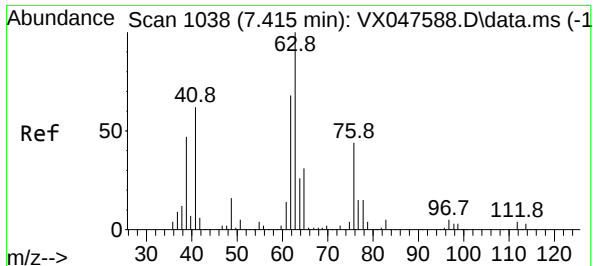


#44
Trichloroethene
Concen: 54.150 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion:130 Resp: 73396
Ion Ratio Lower Upper
130 100
95 102.2 0.0 210.8





#45

1,2-Dichloropropane

Concen: 49.729 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 63 Resp: 7139

Ion Ratio Lower Upper

63 100

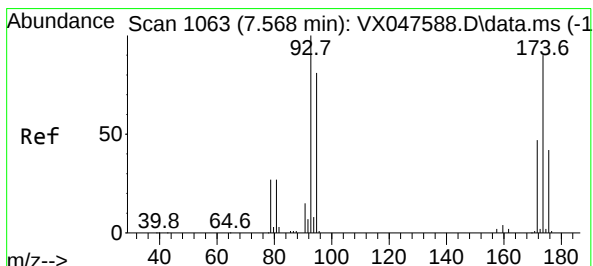
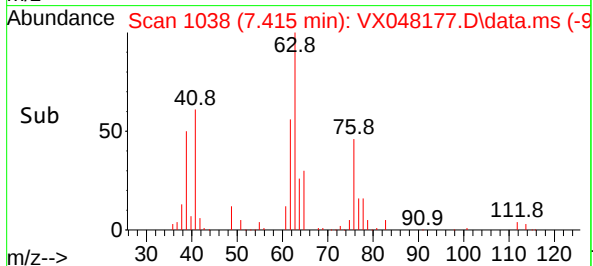
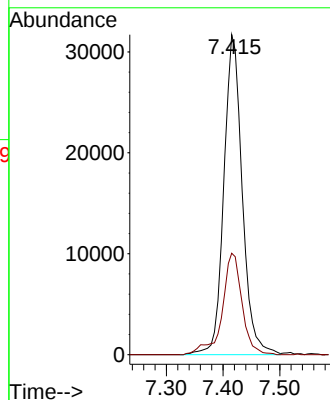
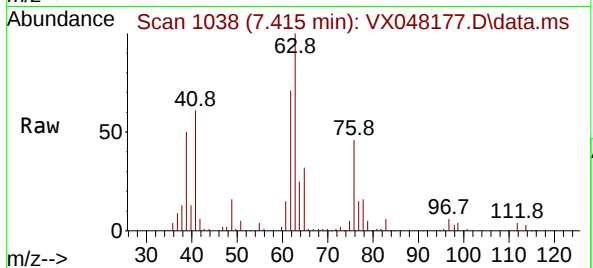
65 31.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 49.913 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

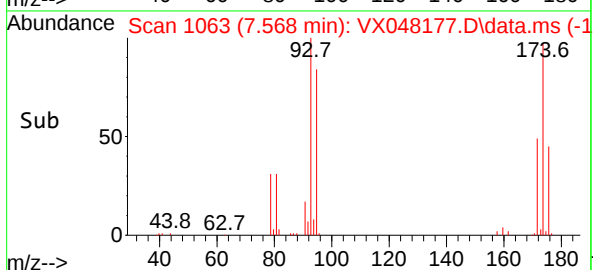
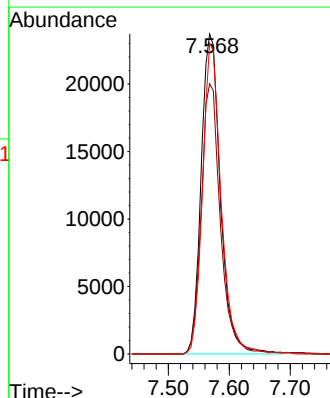
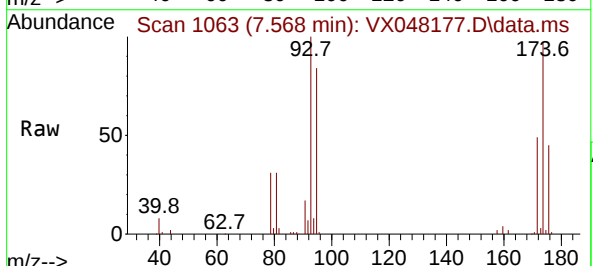
Tgt Ion: 93 Resp: 52143

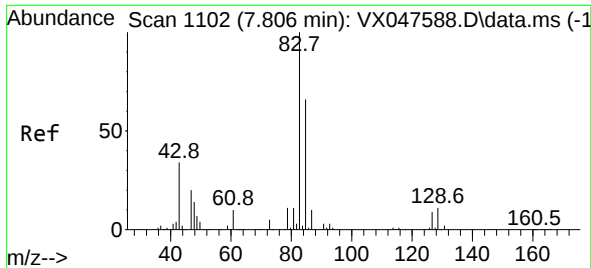
Ion Ratio Lower Upper

93 100

95 84.0 65.0 97.6

174 93.4 71.6 107.4





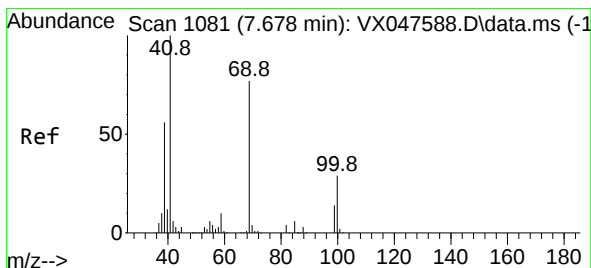
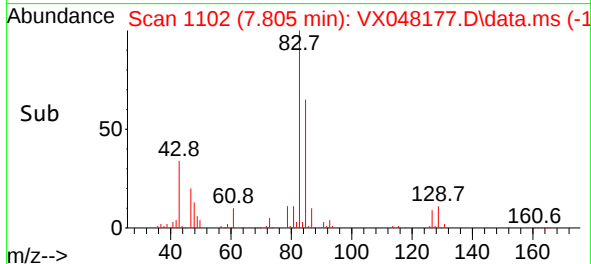
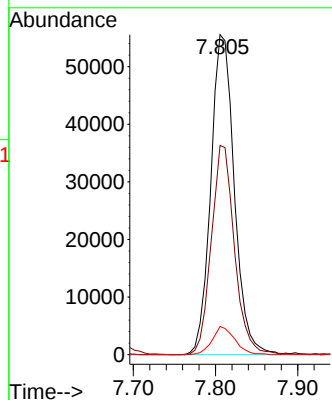
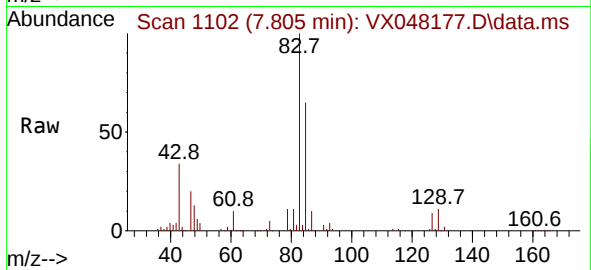
#47
Bromodichloromethane
Concen: 51.281 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 83 Resp: 110549
Ion Ratio Lower Upper
83 100
85 65.4 52.5 78.7
127 8.8 6.9 10.3

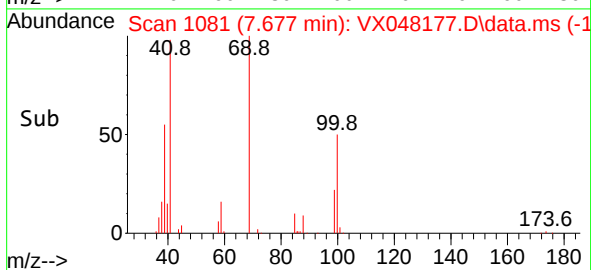
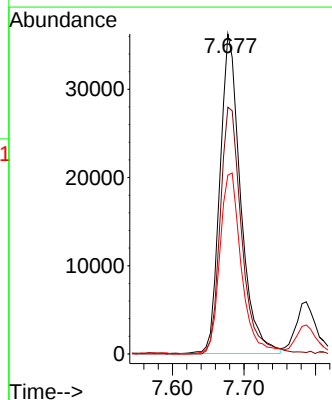
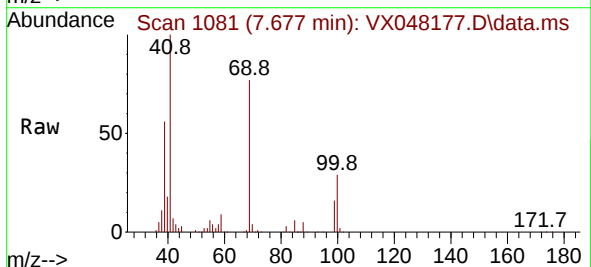
Manual Integrations
APPROVED

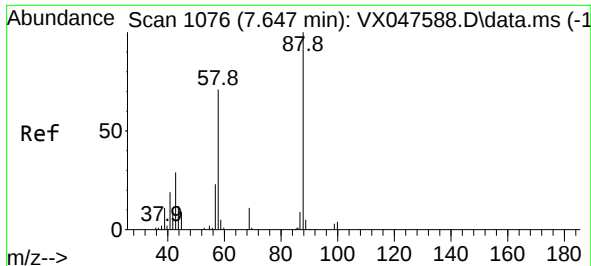
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 45.051 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

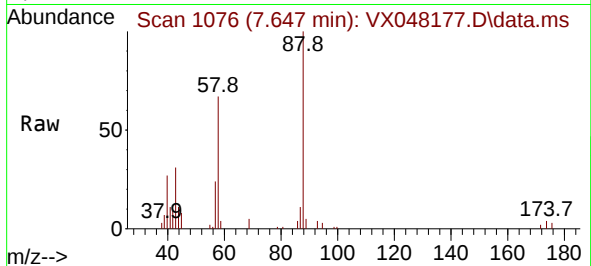
Tgt Ion: 41 Resp: 72740
Ion Ratio Lower Upper
41 100
69 80.4 61.4 92.2
39 59.4 45.8 68.6





#49
1,4-Dioxane
Concen: 991.034 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

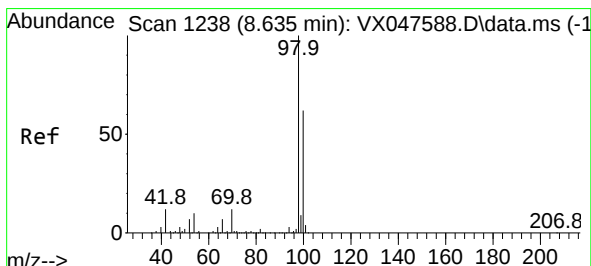
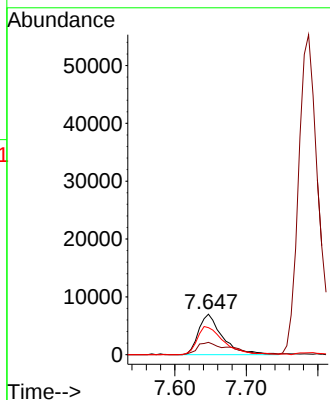
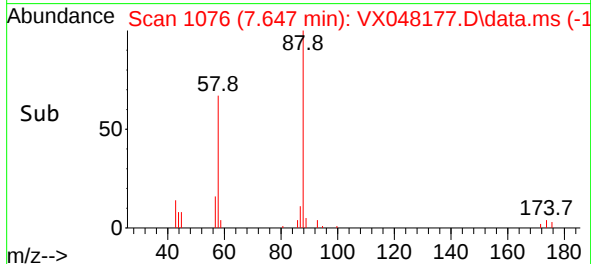
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



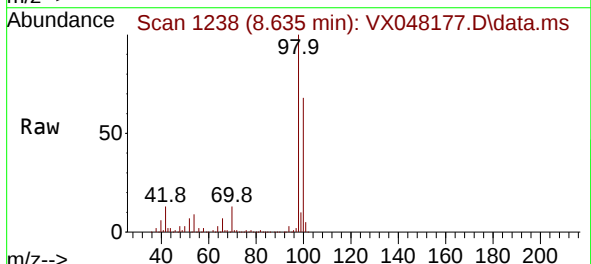
Tgt Ion: 88 Resp: 1617
Ion Ratio Lower Upper
88 100
43 42.4 30.2 45.2
58 76.8 59.5 89.3

Manual Integrations
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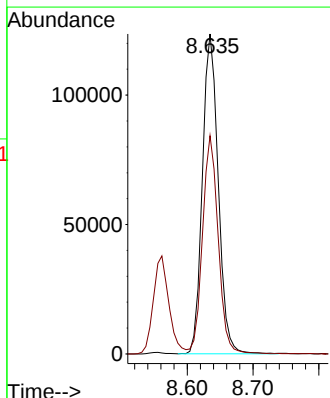
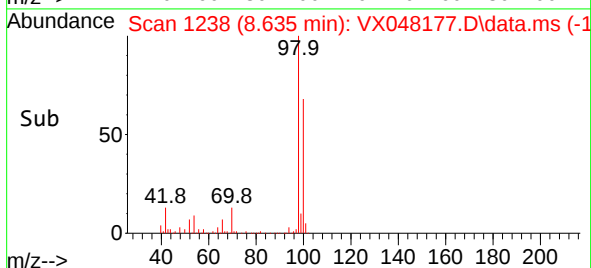
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 47.316 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



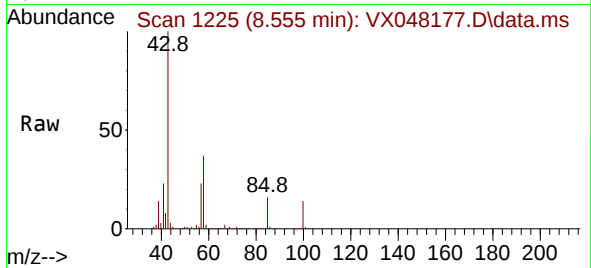
Tgt Ion: 98 Resp: 206823
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 242.367 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

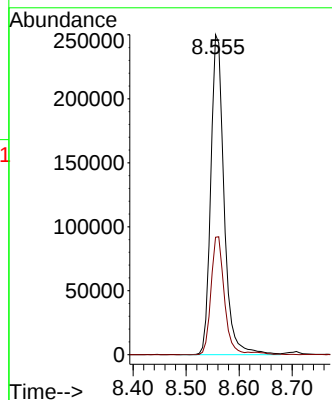
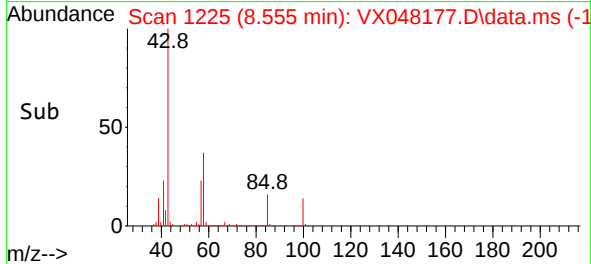
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion: 43 Resp: 435584
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

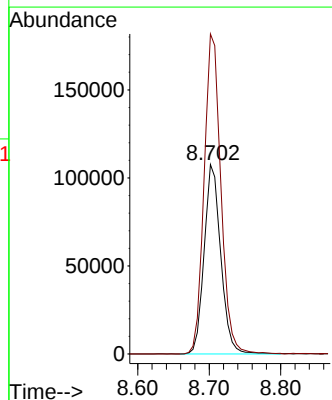
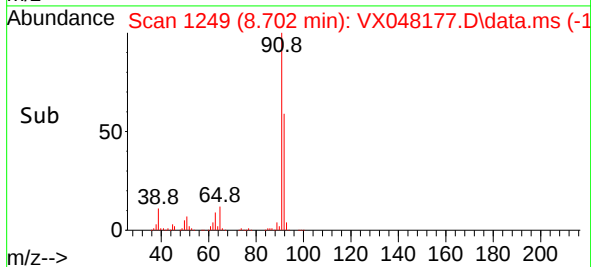
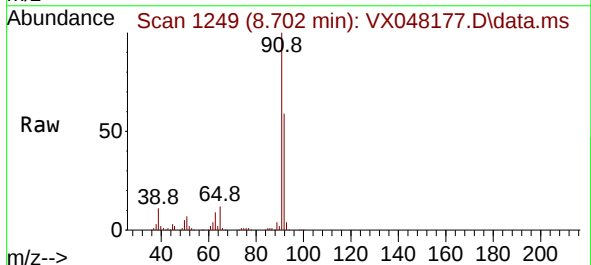
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 50.237 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

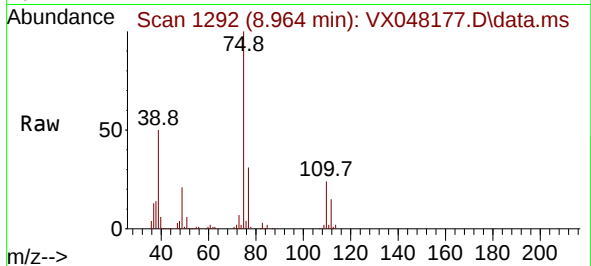
Tgt Ion: 92 Resp: 173526
Ion Ratio Lower Upper
92 100
91 171.2 137.1 205.7





#53
 t-1,3-Dichloropropene
 Concen: 47.981 ug/l
 RT: 8.964 min Scan# 1292
 Delta R.T. -0.000 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59

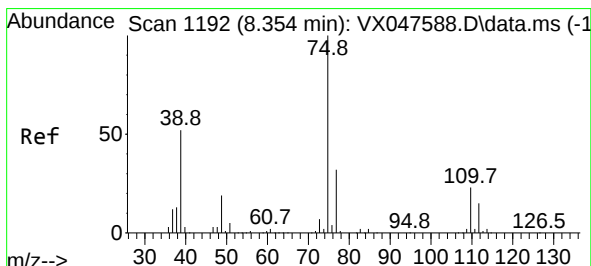
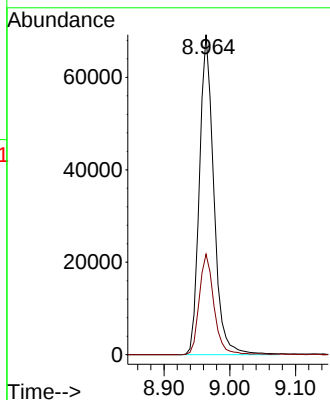
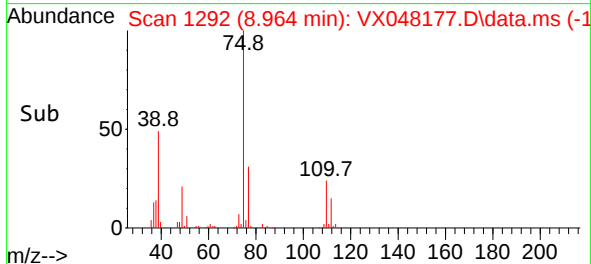
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS



Tgt Ion: 75 Resp: 10550
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

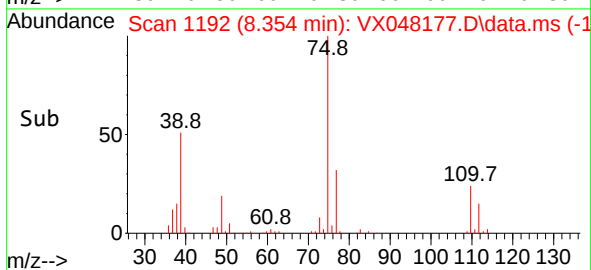
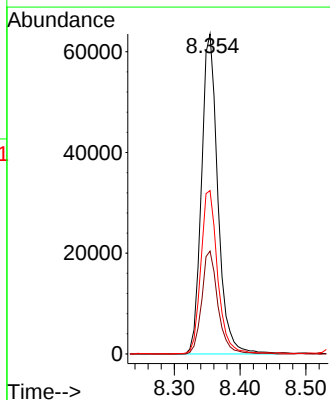
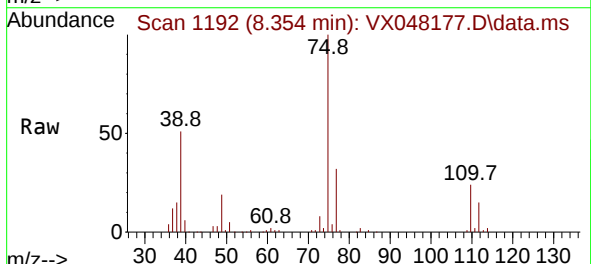
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 46.835 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59

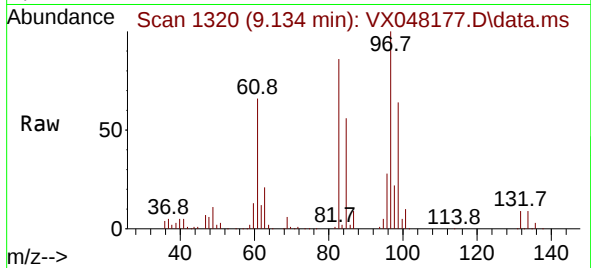
Tgt Ion: 75 Resp: 110077
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 39 50.9 41.4 62.2





#55
 1,1,2-Trichloroethane
 Concen: 50.862 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS

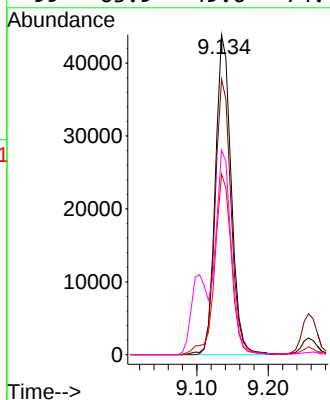
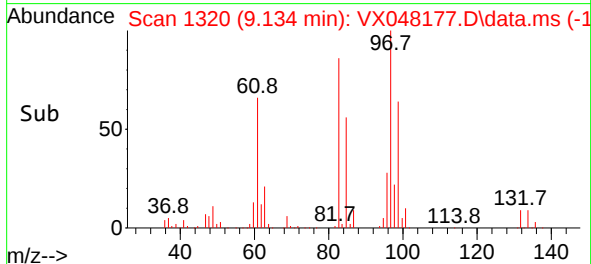


Tgt Ion: 97 Resp: 6774

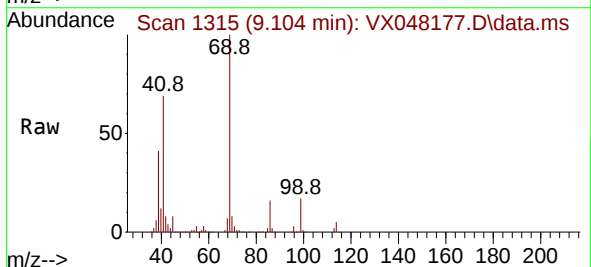
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.5	45.0	67.6
99	63.9	49.6	74.4

Manual Integrations
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Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

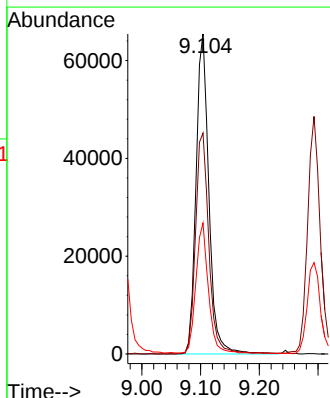
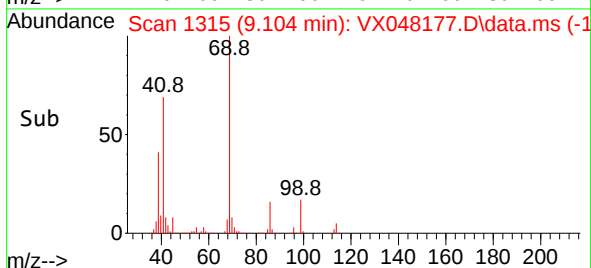


#56
 Ethyl methacrylate
 Concen: 47.594 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. -0.000 min
 Lab File: VX048177.D
 Acq: 14 Oct 2025 18:59



Tgt Ion: 69 Resp: 99551

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.5	31.5	47.3





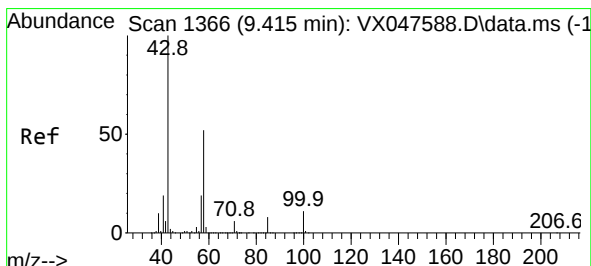
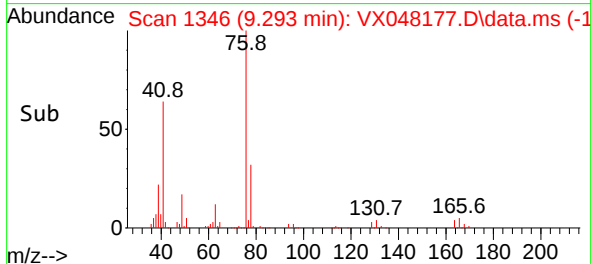
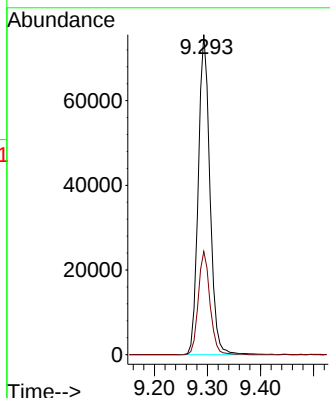
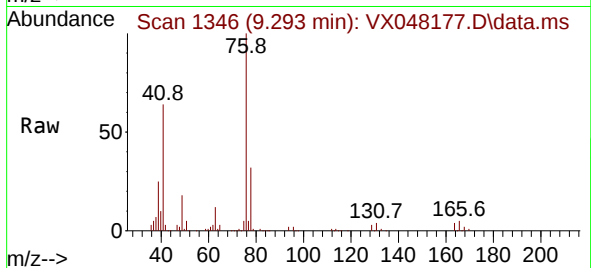
#57
1,3-Dichloropropane
Concen: 50.458 ug/l
RT: 9.293 min Scan# 11544
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 76 Resp: 11544
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

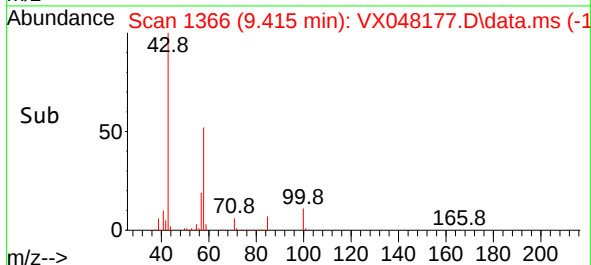
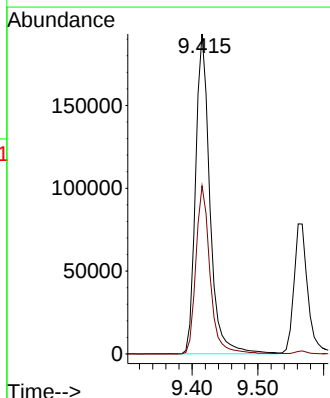
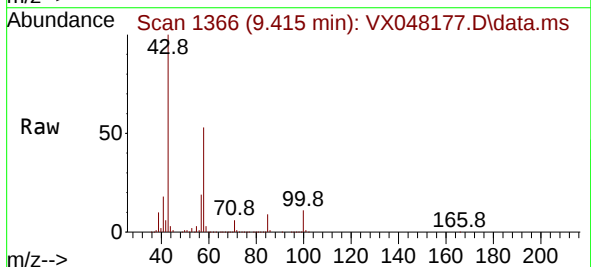
Manual Integrations
APPROVED

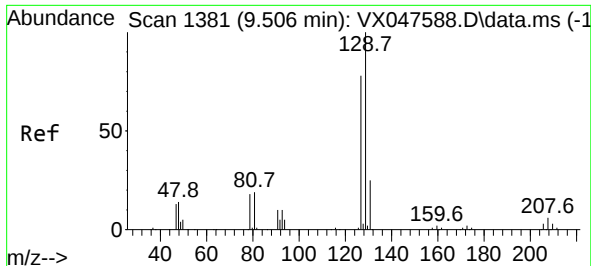
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#59
2-Hexanone
Concen: 224.955 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 290363
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.2





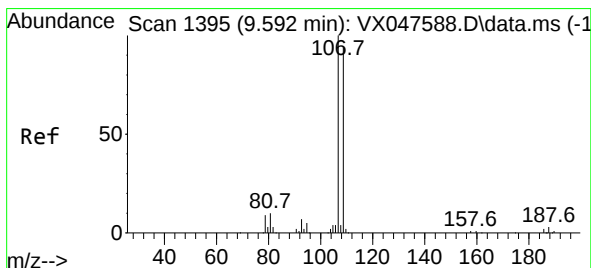
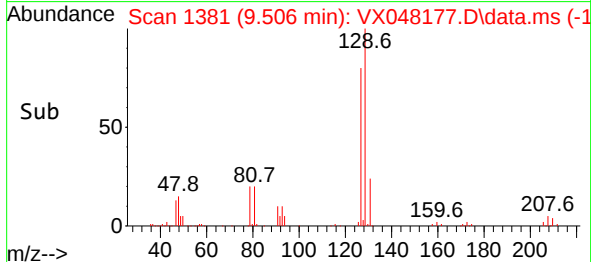
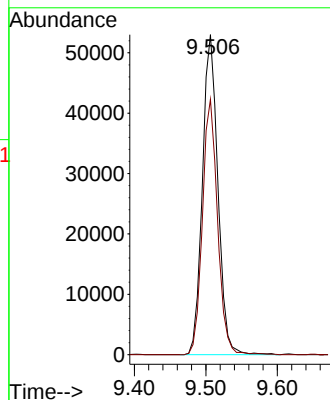
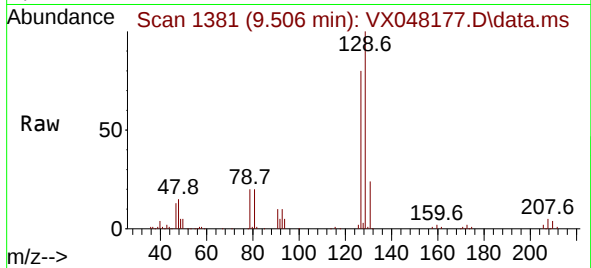
#60
Dibromochloromethane
Concen: 51.864 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion:129 Resp: 79592
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2

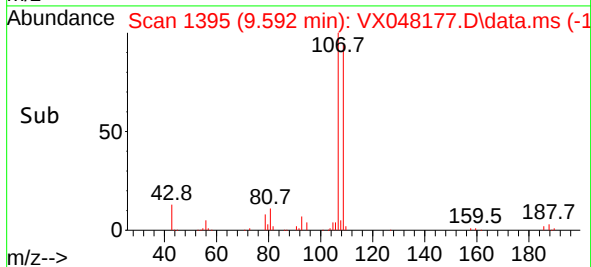
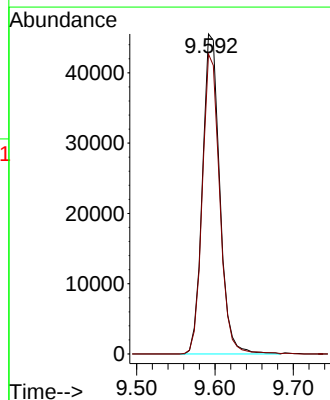
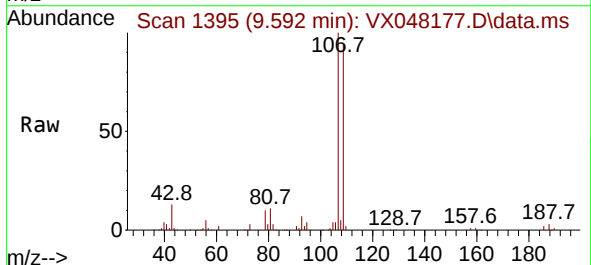
Manual Integrations
APPROVED

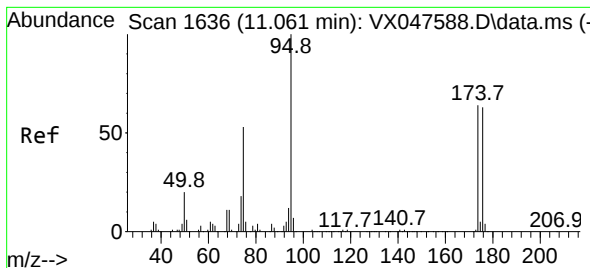
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#61
1,2-Dibromoethane
Concen: 51.475 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:107 Resp: 69831
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9





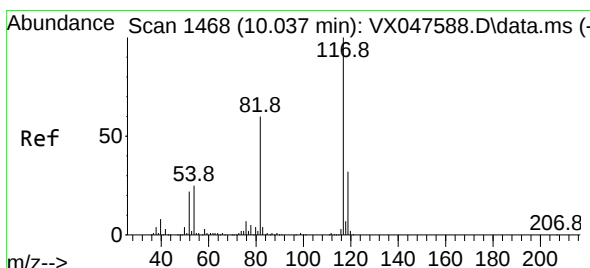
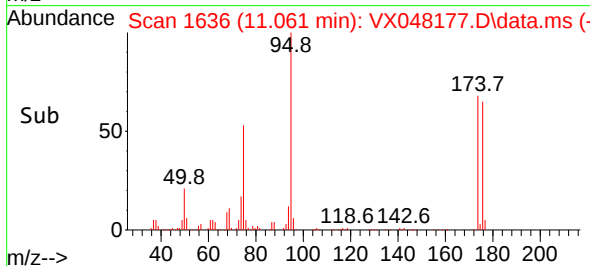
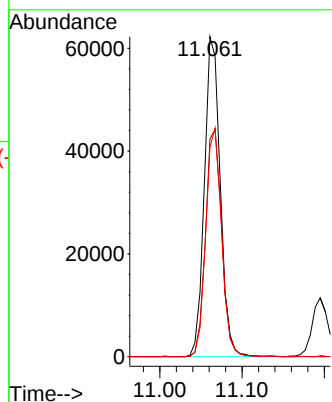
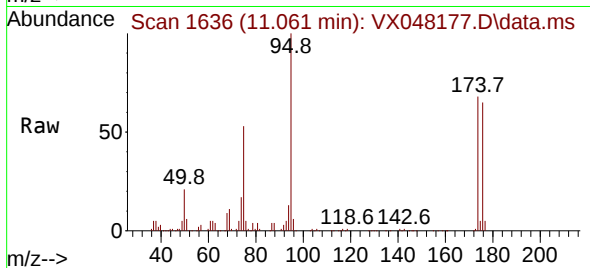
#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 95 Resp: 8342
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.7 0.0 138.4

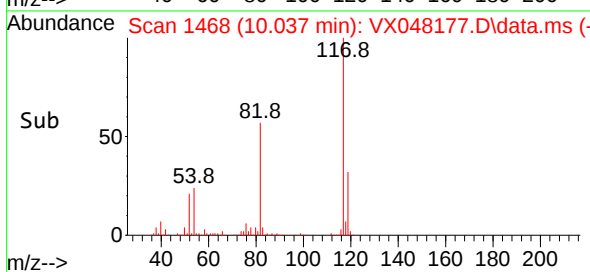
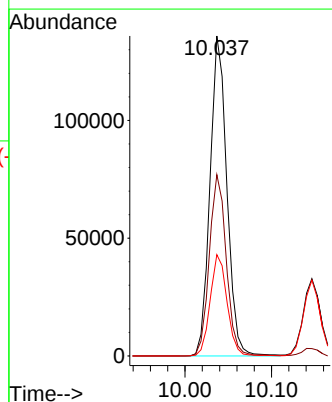
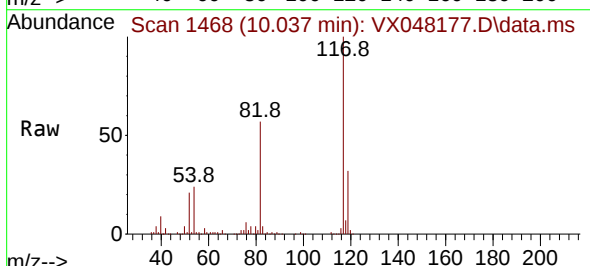
Manual Integrations
APPROVED

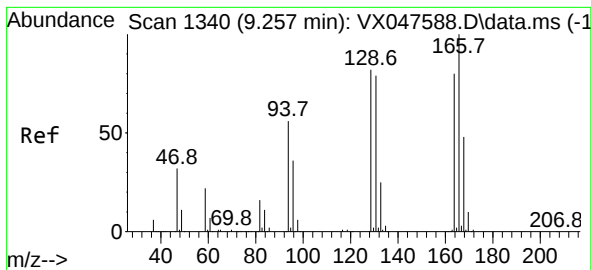
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:117 Resp: 183859
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.6
119 31.6 25.2 37.8





#64

Tetrachloroethene

Concen: 282.160 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048177.D

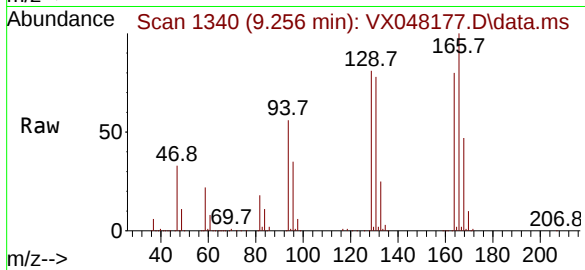
Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS



Tgt Ion:164 Resp: 33818

Ion Ratio Lower Upper

164 100

166 124.5 100.2 150.2

129 101.5 81.8 122.6

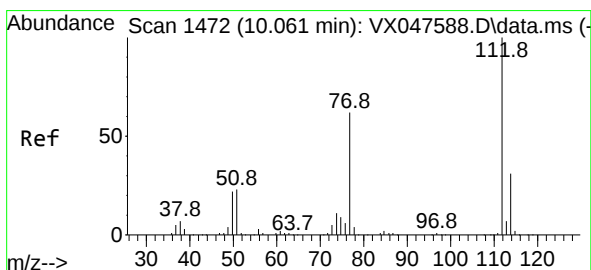
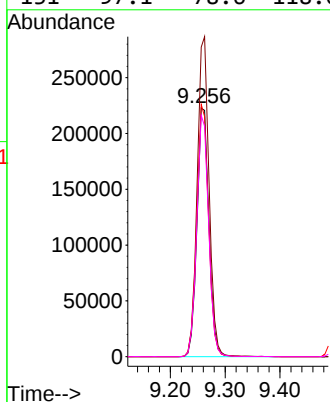
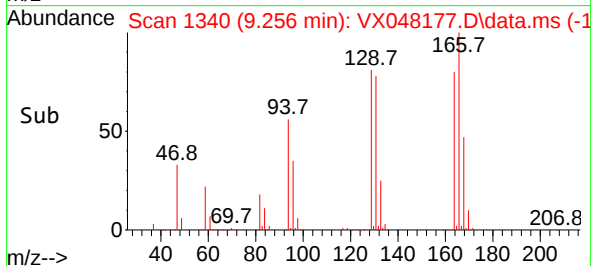
131 97.1 78.6 118.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#65

Chlorobenzene

Concen: 44.521 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX048177.D

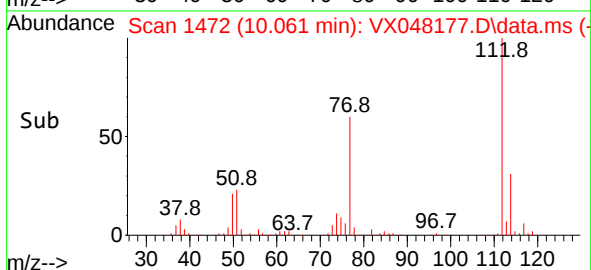
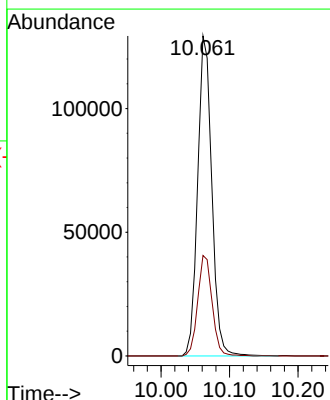
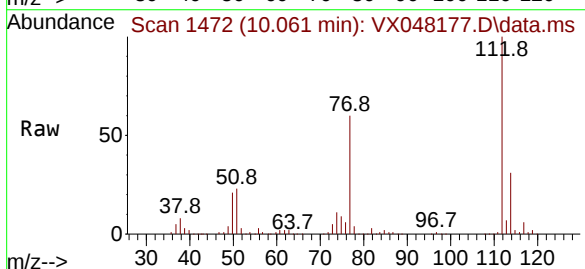
Acq: 14 Oct 2025 18:59

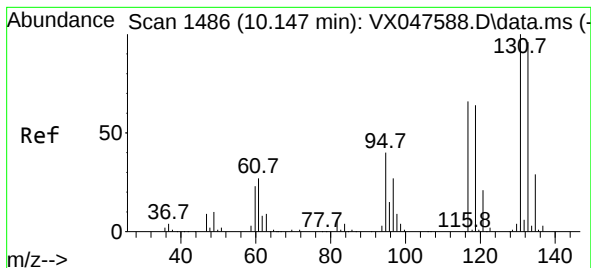
Tgt Ion:112 Resp: 185963

Ion Ratio Lower Upper

112 100

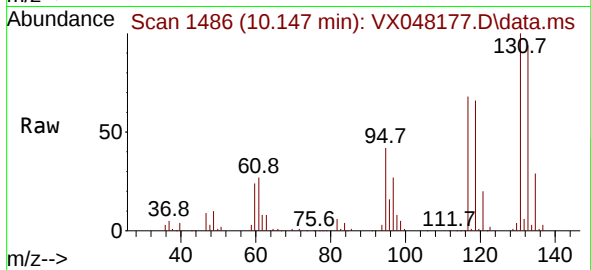
114 31.4 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 46.142 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

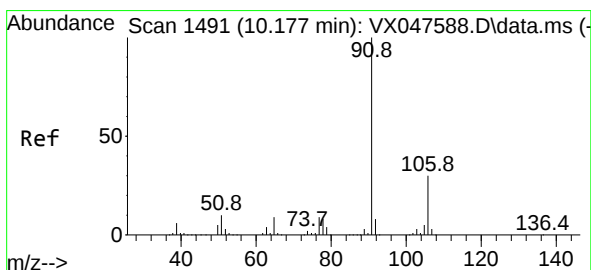
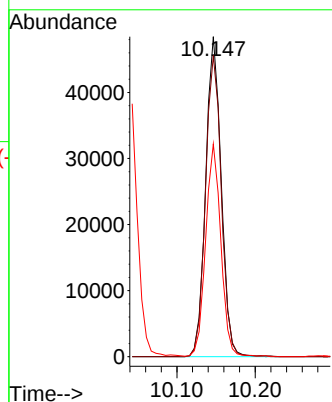
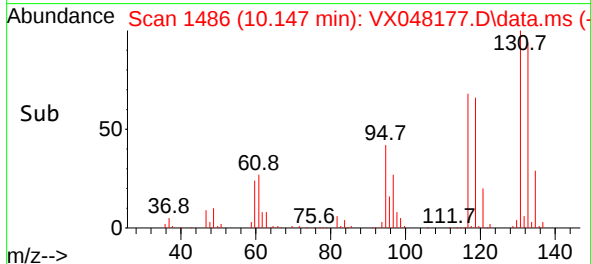
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion:131 Resp: 66507
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 65.3 32.0 96.0

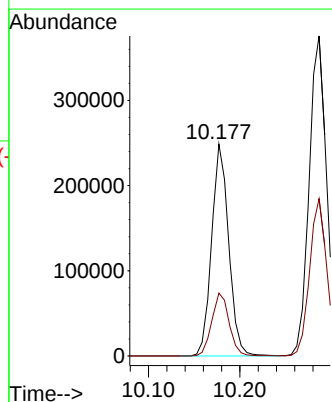
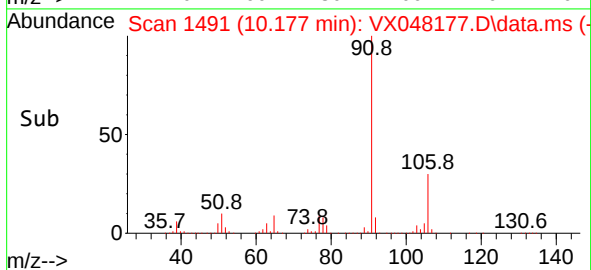
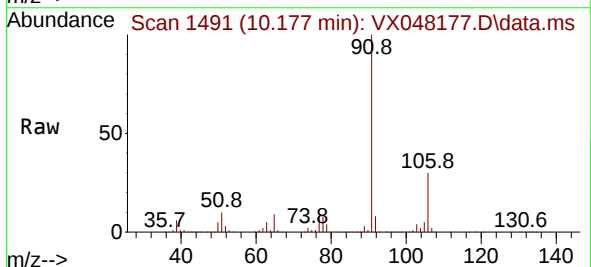
Manual Integrations
APPROVED

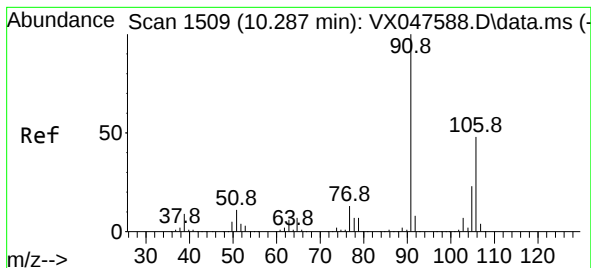
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#67
Ethyl Benzene
Concen: 44.676 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 321978
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5





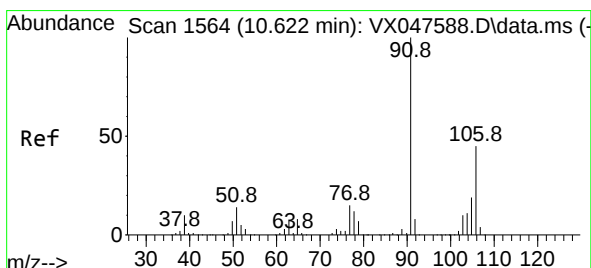
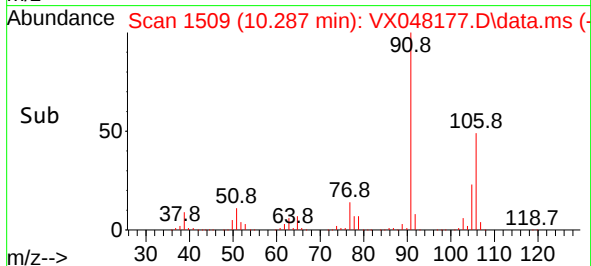
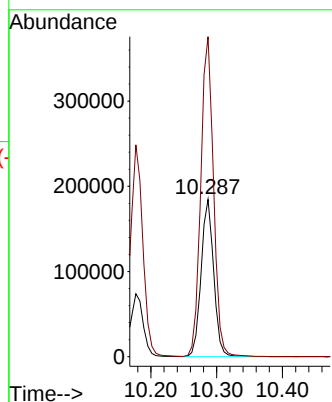
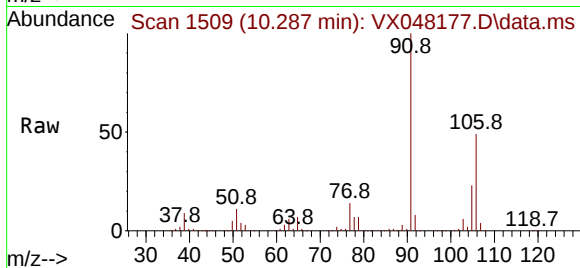
#68
m/p-Xylenes
Concen: 91.140 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion:106 Resp: 244482
Ion Ratio Lower Upper
106 100
91 206.8 167.8 251.8

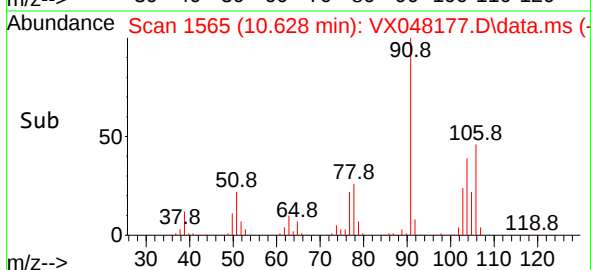
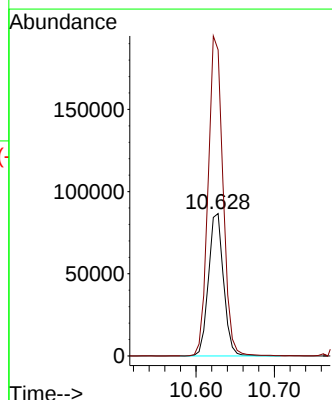
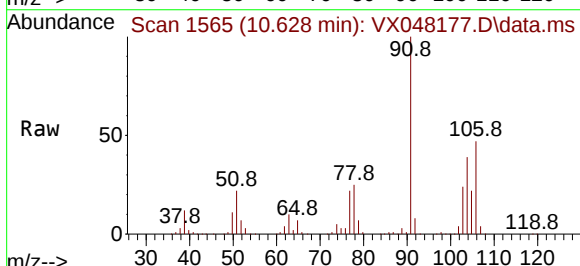
Manual Integrations
APPROVED

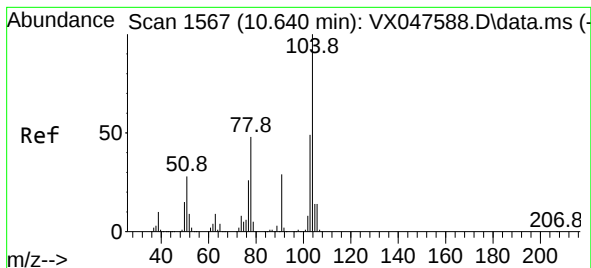
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#69
o-Xylene
Concen: 44.501 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:106 Resp: 115463
Ion Ratio Lower Upper
106 100
91 221.8 111.1 333.4





#70

Styrene

Concen: 44.962 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

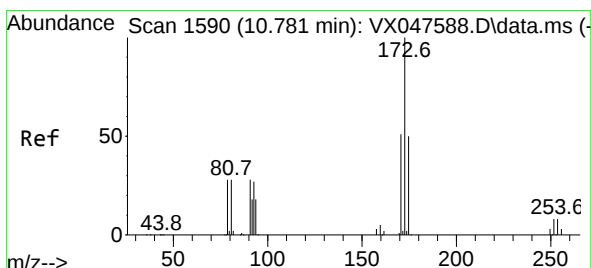
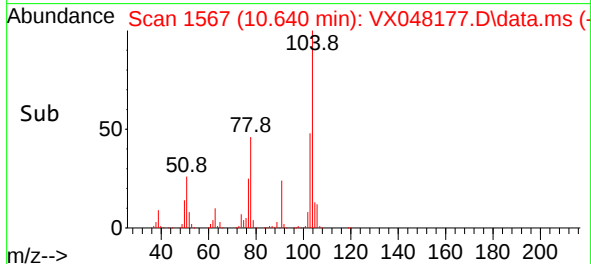
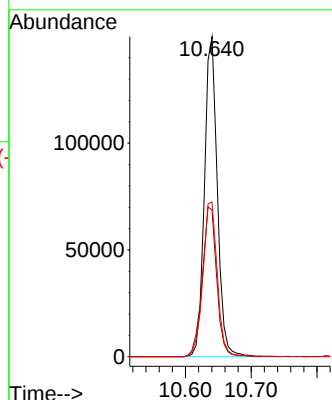
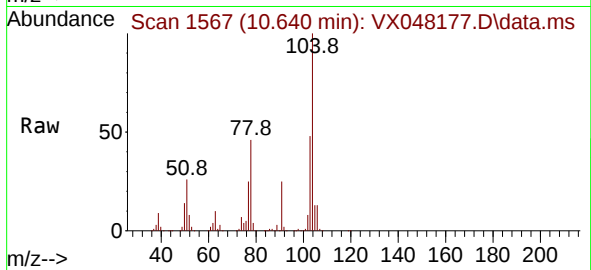
Tgt Ion:	104	Resp:	204400
Ion Ratio	Lower	Upper	
104	100		
78	52.6	43.1	64.7
103	53.9	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#71

Bromoform

Concen: 49.208 ug/l

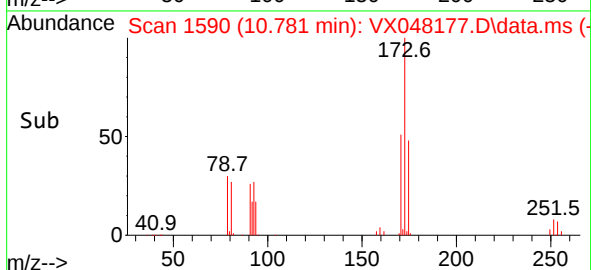
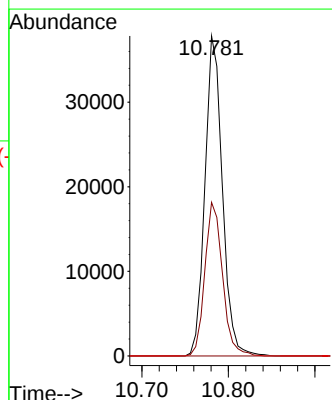
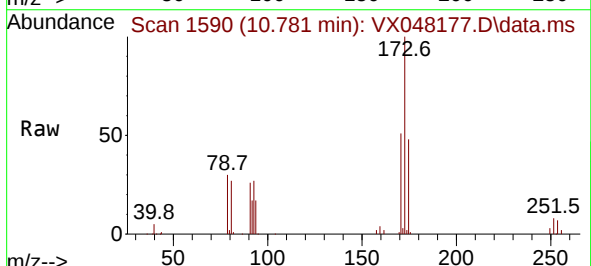
RT: 10.781 min Scan# 1590

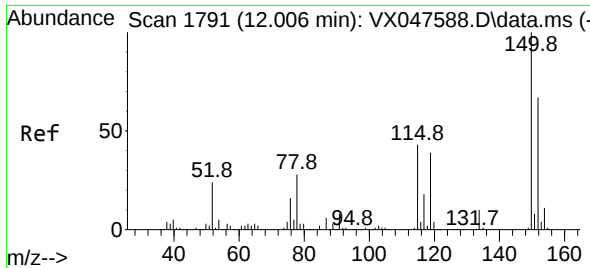
Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

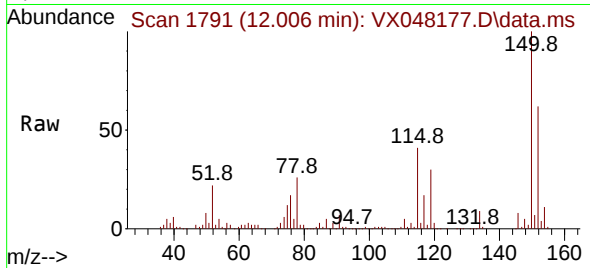
Tgt Ion:	173	Resp:	52960
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

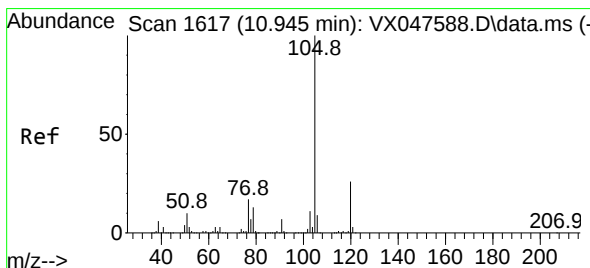
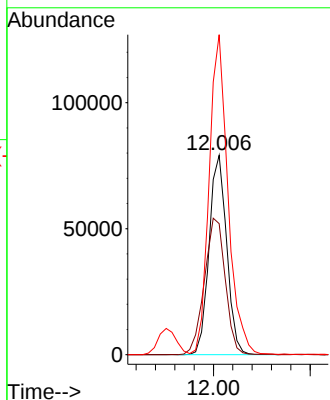
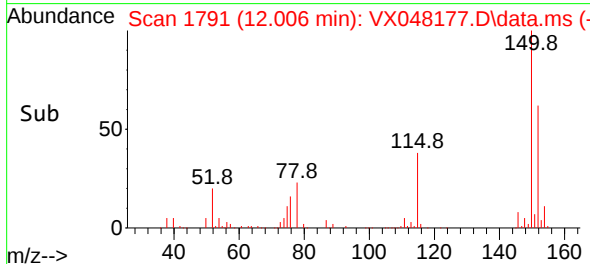
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



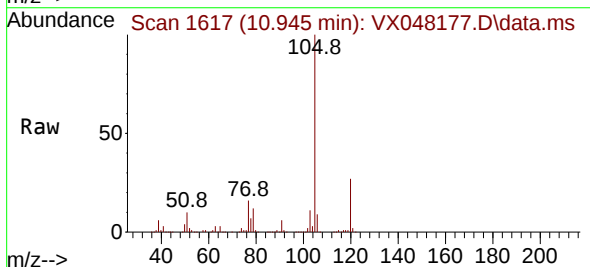
Tgt Ion:152 Resp: 100149
Ion Ratio Lower Upper
152 100
115 81.3 44.9 134.5
150 171.2 0.0 352.0

Manual Integrations
APPROVED

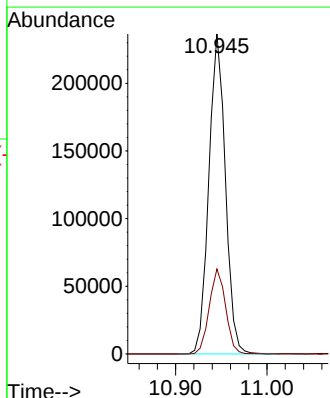
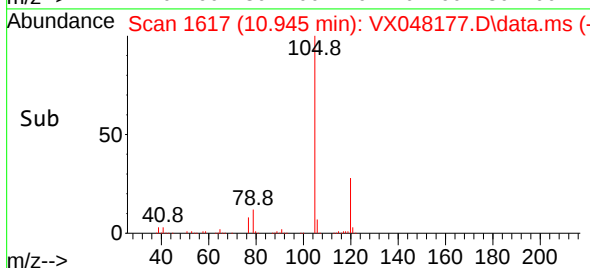
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

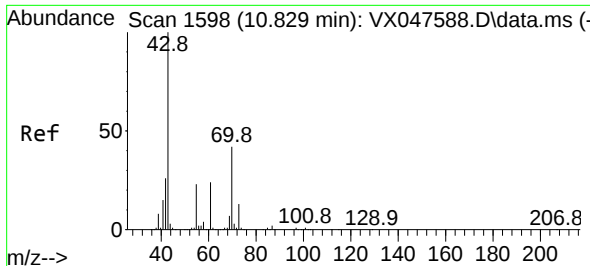


#73
Isopropylbenzene
Concen: 38.916 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



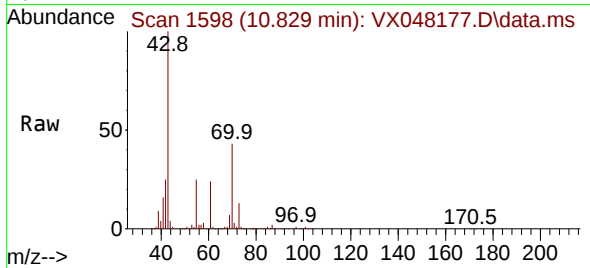
Tgt Ion:105 Resp: 296306
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4





#74
N-amy1 acetate
Concen: 34.027 ug/l
RT: 10.829 min Scan# 11814
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

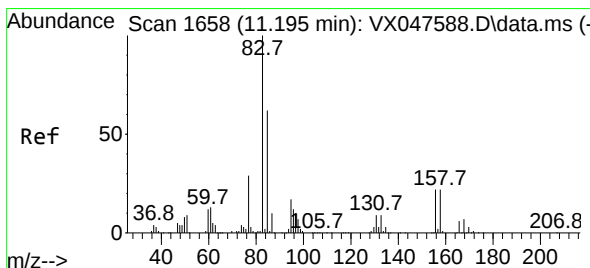
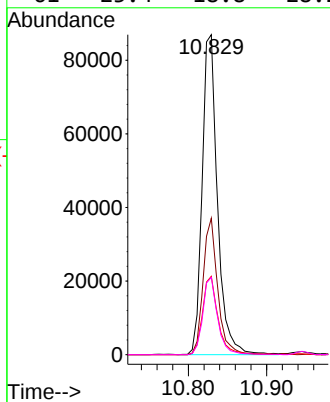
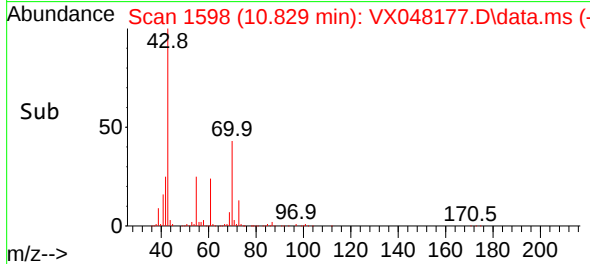
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



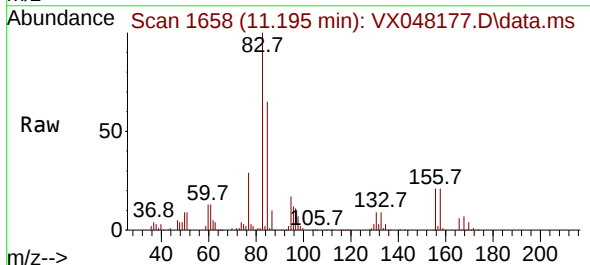
Tgt Ion:	43	Resp:	11814
Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.0	48.0
55	24.8	18.9	28.3
61	23.4	18.8	28.2

Manual Integrations
APPROVED

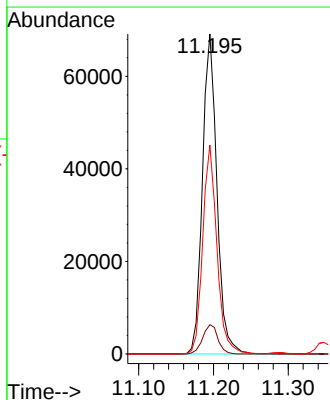
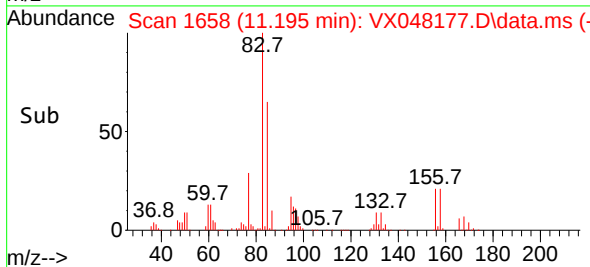
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

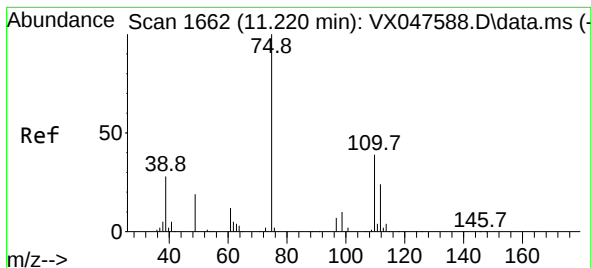


#75
1,1,2,2-Tetrachloroethane
Concen: 40.307 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion:	83	Resp:	92851
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.3	31.6	95.0





#76

1,2,3-Trichloropropane

Concen: 45.183 ug/l m

RT: 11.219 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion: 75 Resp: 9161

Ion Ratio Lower Upper

75 100

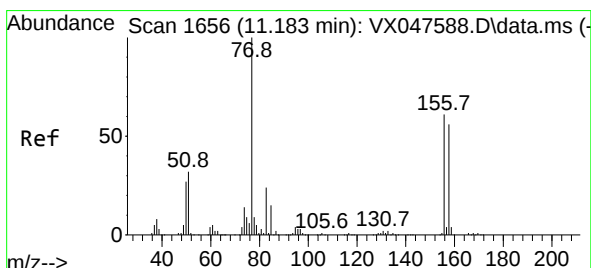
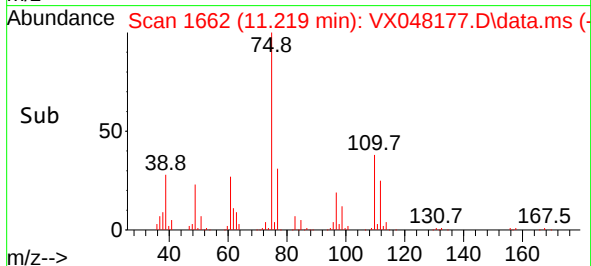
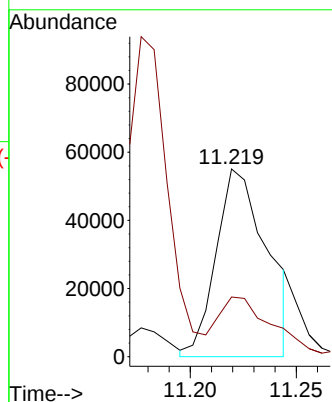
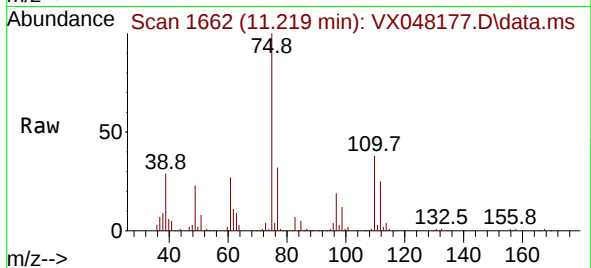
77 33.6 18.8 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#77

Bromobenzene

Concen: 39.253 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

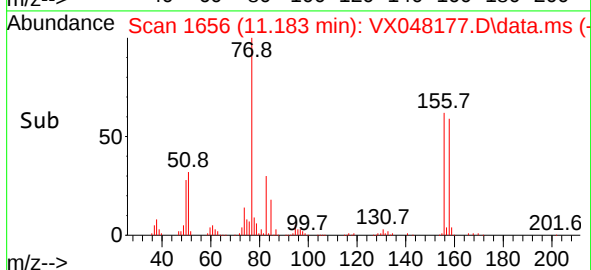
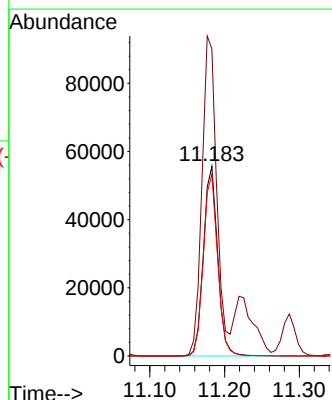
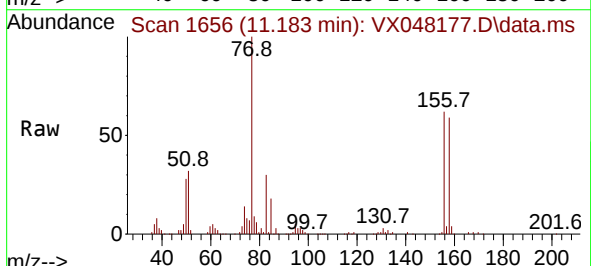
Tgt Ion:156 Resp: 73610

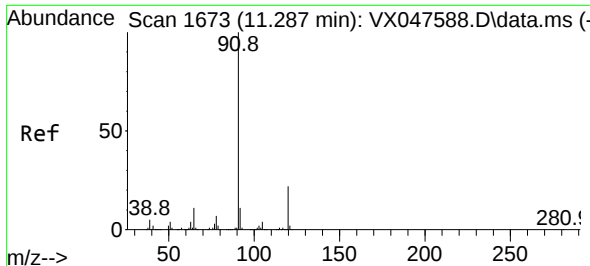
Ion Ratio Lower Upper

156 100

77 175.1 89.7 269.1

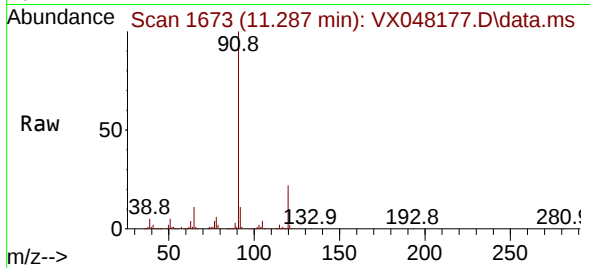
158 96.0 47.9 143.6





#78
n-propylbenzene
Concen: 39.309 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

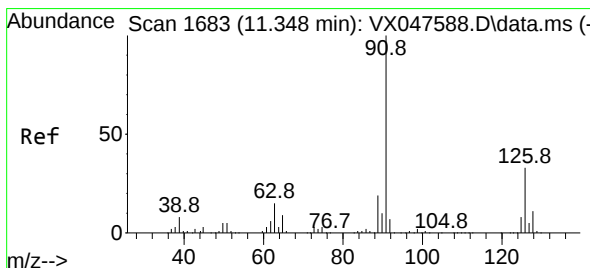
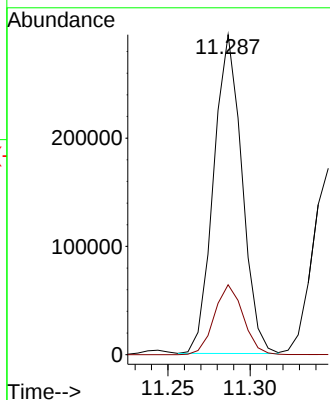
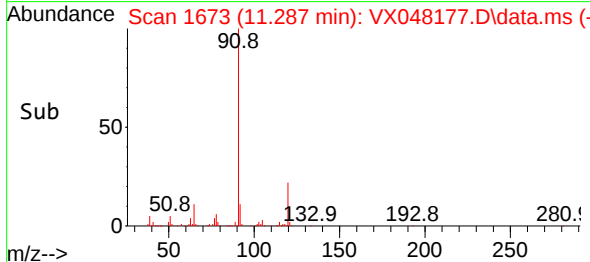
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



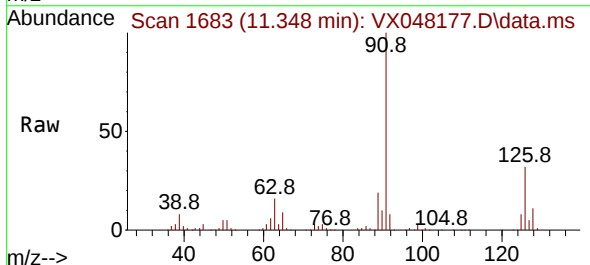
Tgt Ion: 91 Resp: 35380
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1

Manual Integrations
APPROVED

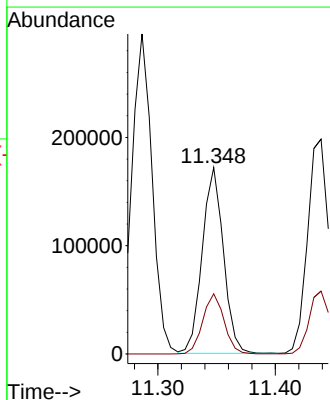
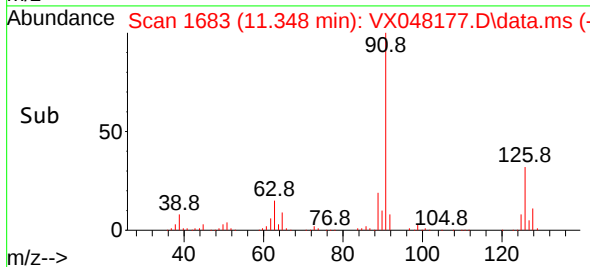
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

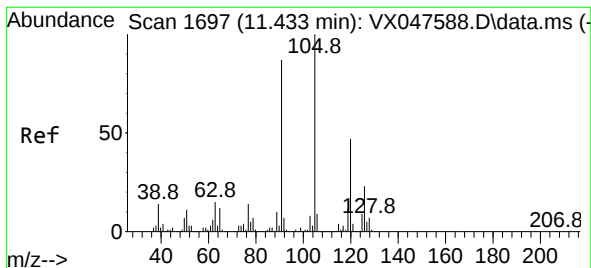


#79
2-Chlorotoluene
Concen: 38.968 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion: 91 Resp: 214818
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 39.260 ug/l

RT: 11.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

Tgt Ion:105 Resp: 245592

Ion Ratio Lower Upper

105 100

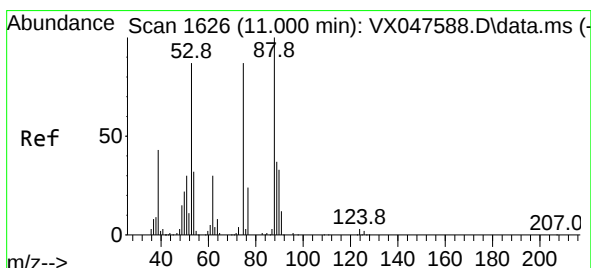
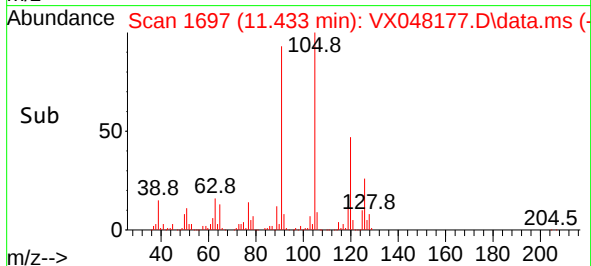
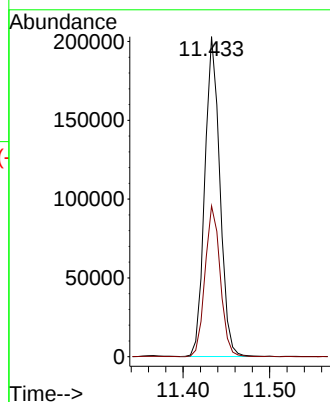
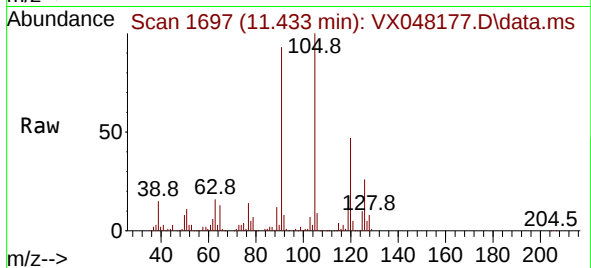
120 47.6 23.6 70.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 33.650 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

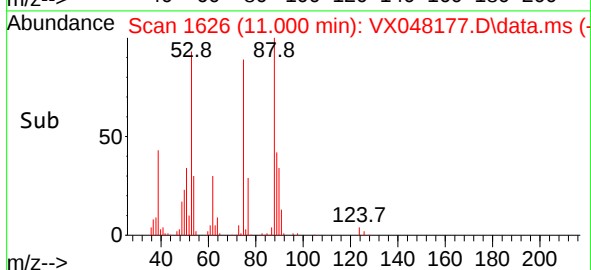
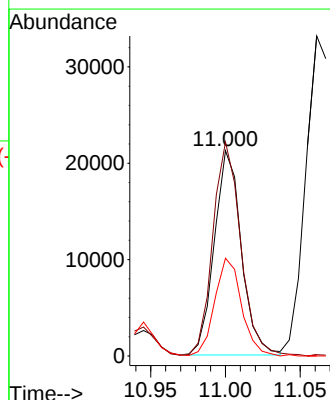
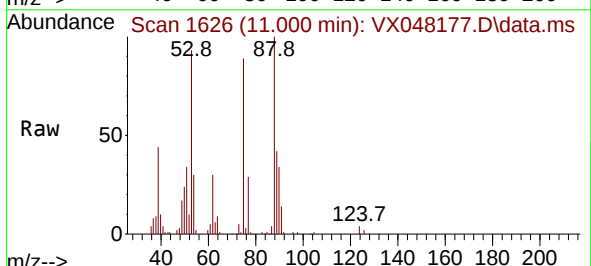
Tgt Ion: 75 Resp: 26756

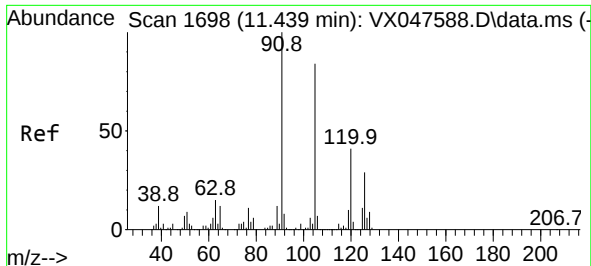
Ion Ratio Lower Upper

75 100

53 107.9 83.4 125.2

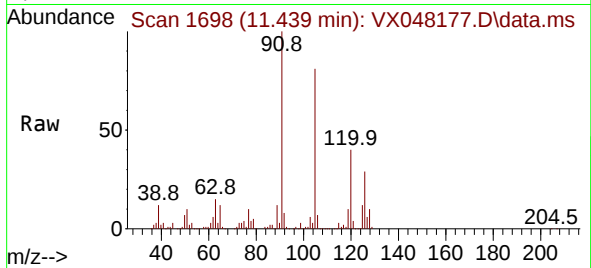
89 47.5 36.3 54.5





#82
4-Chlorotoluene
Concen: 39.236 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

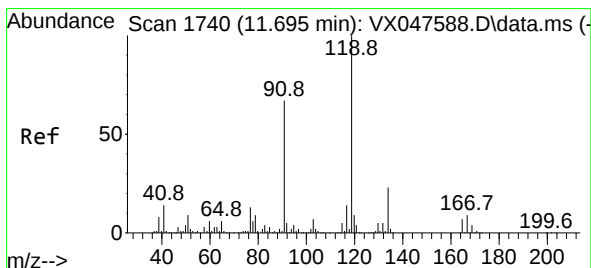
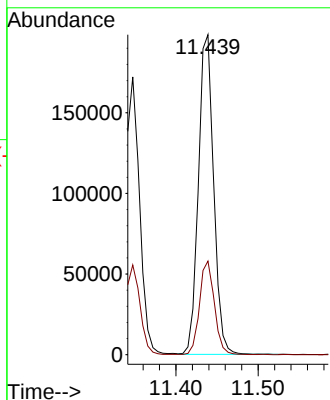
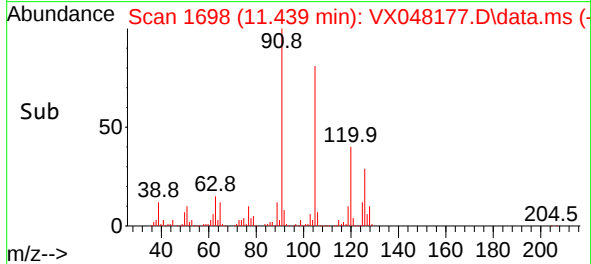
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



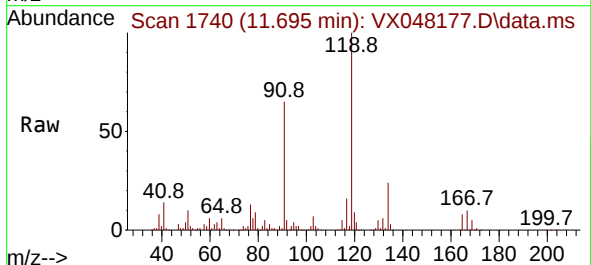
Tgt Ion: 91 Resp: 255458
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6

Manual Integrations
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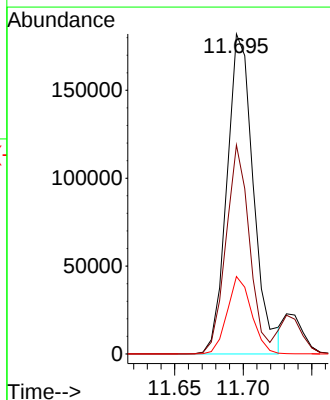
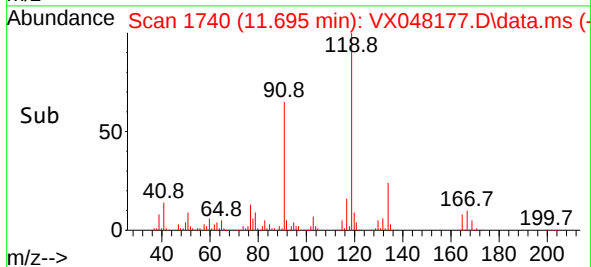
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

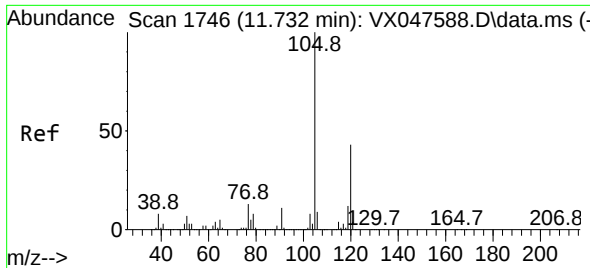


#83
tert-Butylbenzene
Concen: 38.313 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



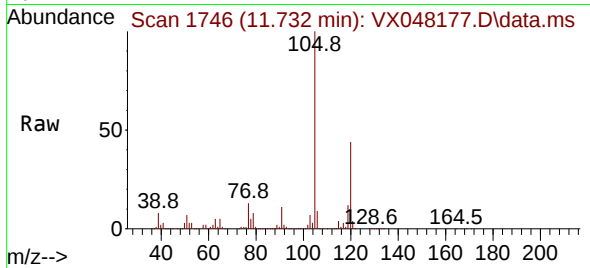
Tgt Ion:119 Resp: 245346
Ion Ratio Lower Upper
119 100
91 58.1 29.6 88.8
134 22.2 11.0 33.0





#84
1,2,4-Trimethylbenzene
Concen: 39.195 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

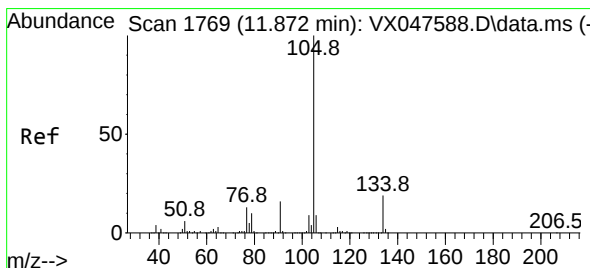
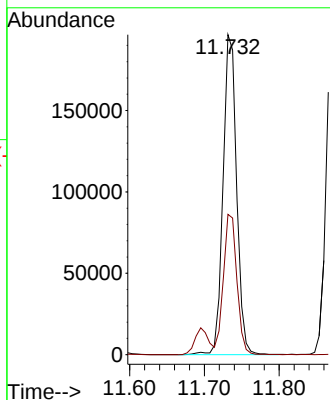
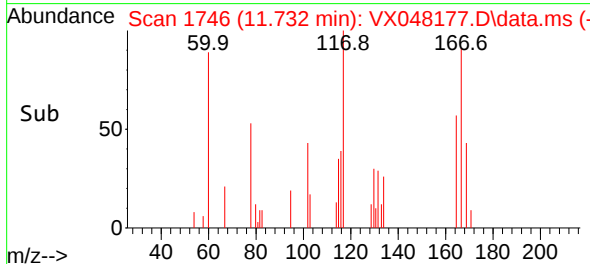
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



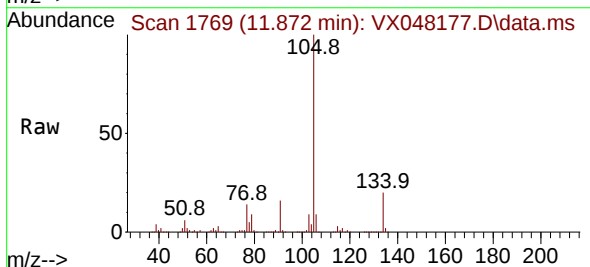
Tgt Ion:105 Resp: 248570
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1

Manual Integrations
APPROVED

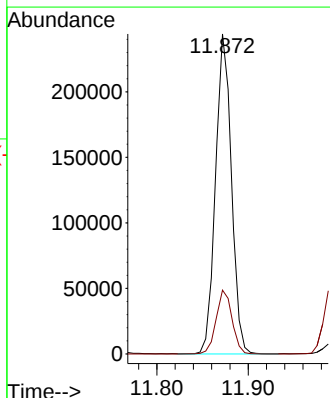
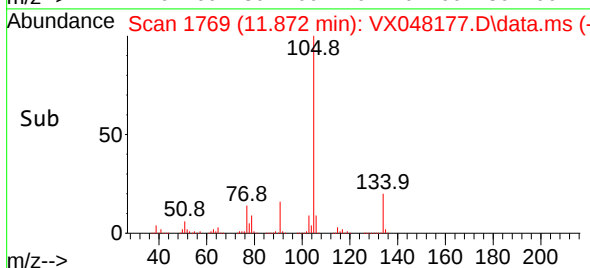
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

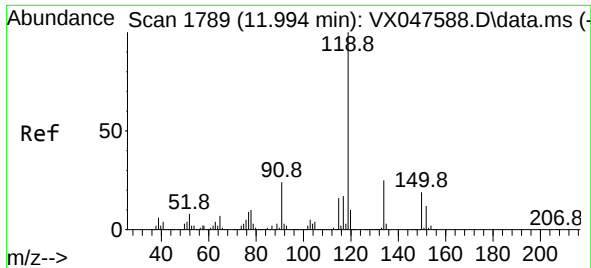


#85
sec-Butylbenzene
Concen: 38.776 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion:105 Resp: 294940
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.5





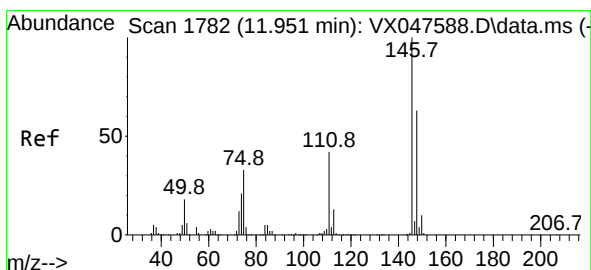
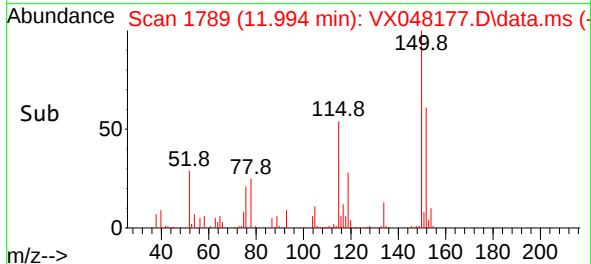
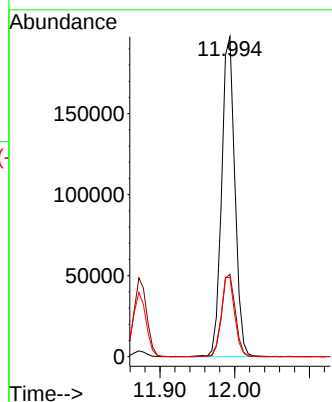
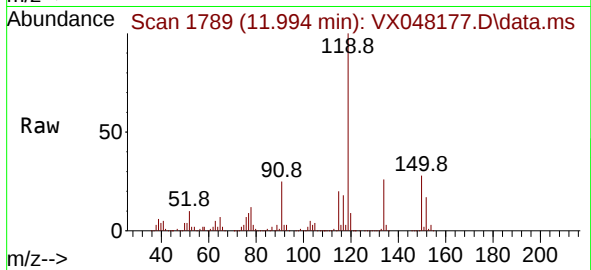
#86
p-Isopropyltoluene
Concen: 37.908 ug/l
RT: 11.994 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion:119 Resp: 24410
Ion Ratio Lower Upper
119 100
134 26.4 12.6 37.8
91 25.4 12.6 37.6

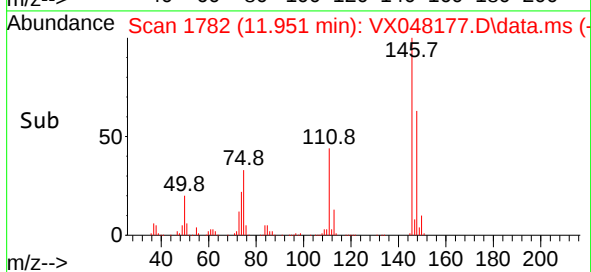
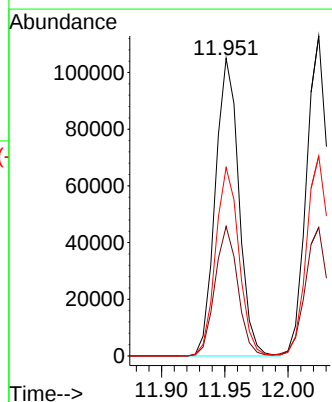
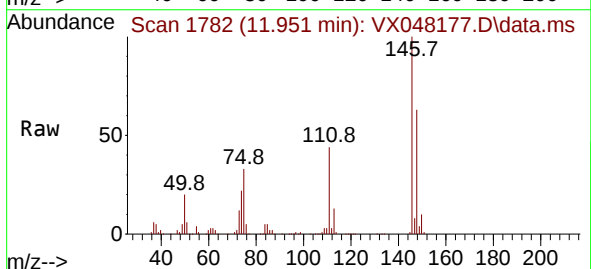
Manual Integrations
APPROVED

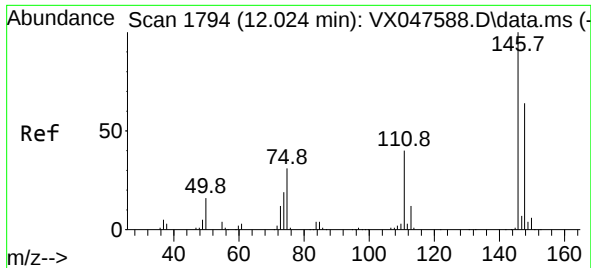
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#87
1,3-Dichlorobenzene
Concen: 38.871 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

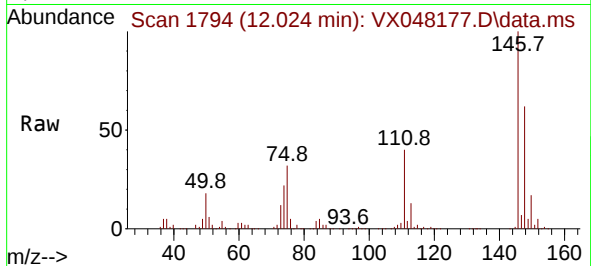
Tgt Ion:146 Resp: 135392
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 63.0 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 38.722 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

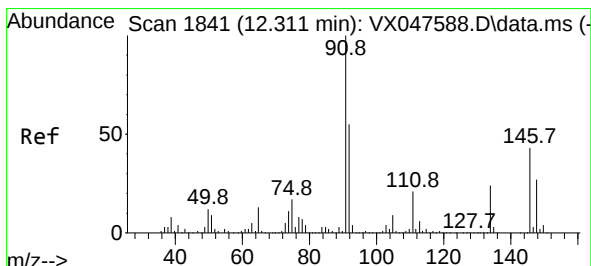
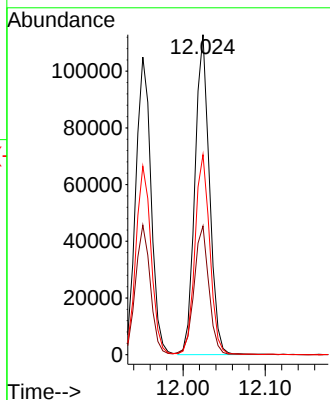
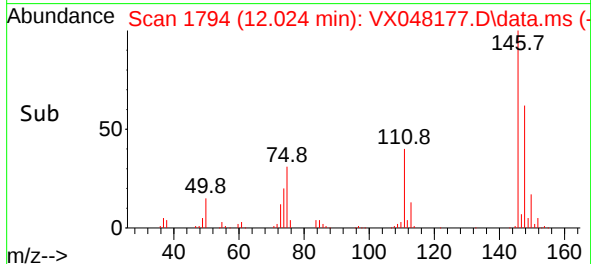
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



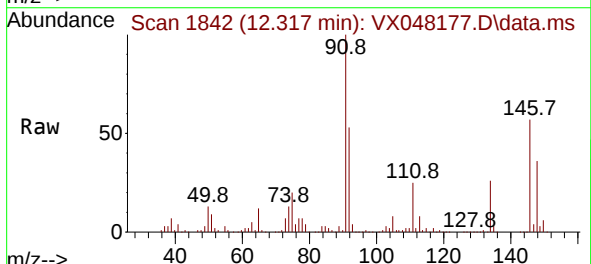
Tgt Ion:146 Resp: 138429
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.5 31.7 95.1

Manual Integrations
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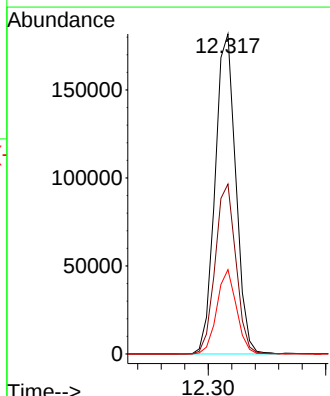
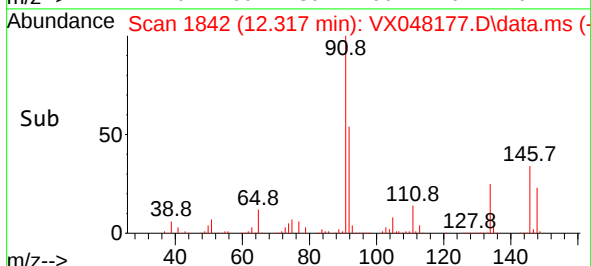
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

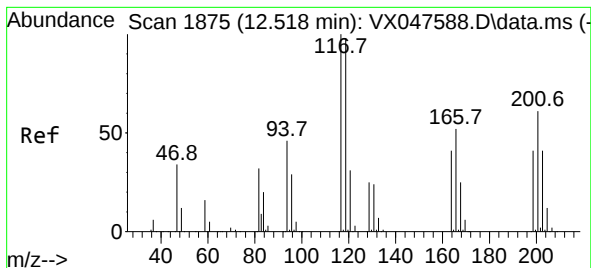


#89
n-Butylbenzene
Concen: 37.426 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59



Tgt Ion: 91 Resp: 223001
Ion Ratio Lower Upper
91 100
92 53.2 27.6 82.7
134 25.0 12.6 37.8





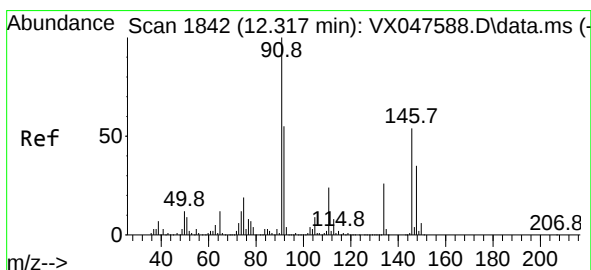
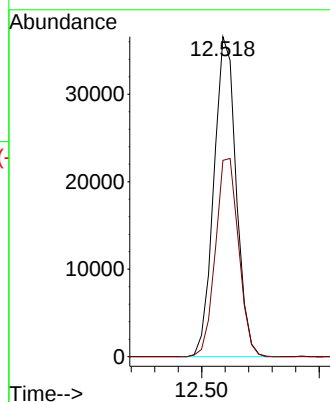
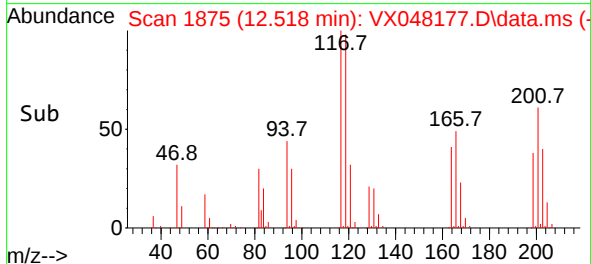
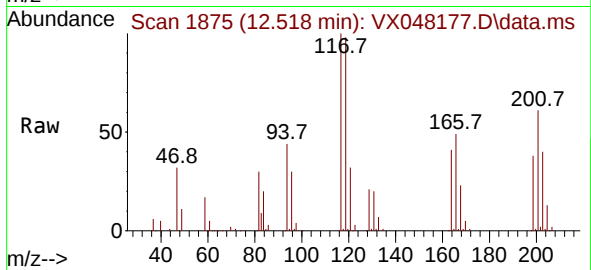
#90
Hexachloroethane
Concen: 42.664 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion:117 Resp: 48235
Ion Ratio Lower Upper
117 100
201 64.6 34.2 102.5

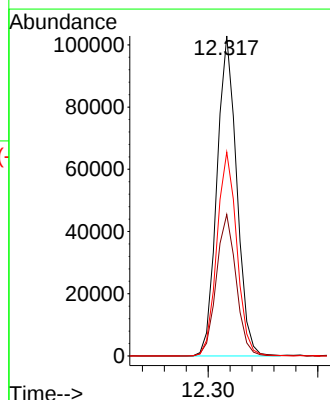
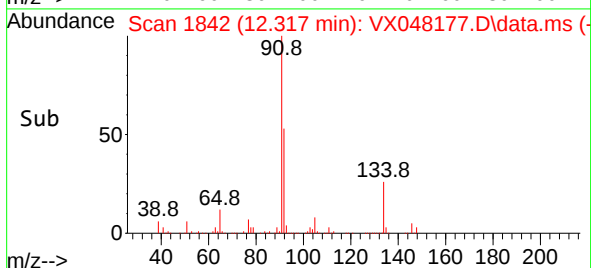
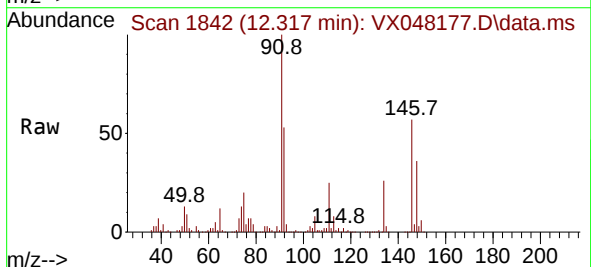
Manual Integrations
APPROVED

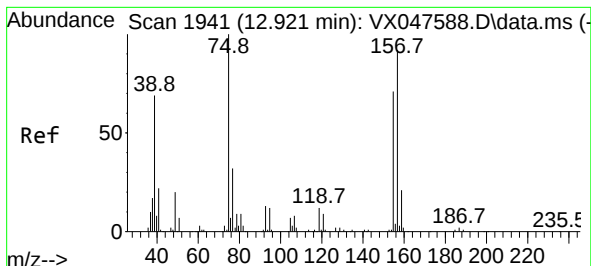
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#91
1,2-Dichlorobenzene
Concen: 38.864 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:146 Resp: 128968
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.0 31.8 95.4





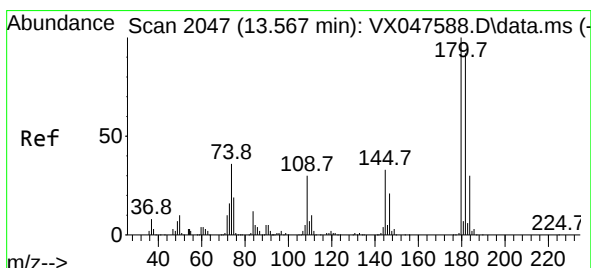
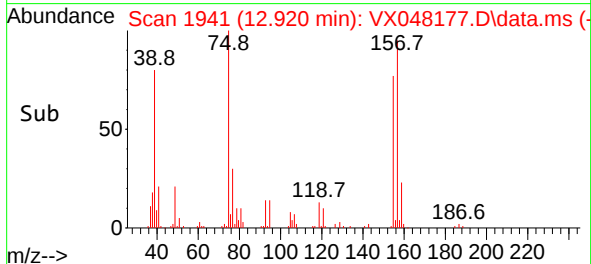
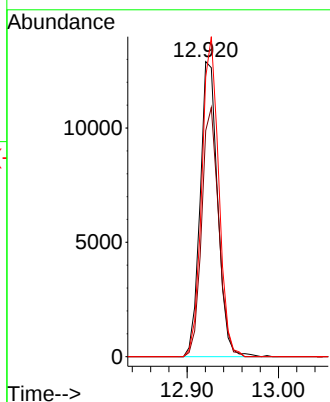
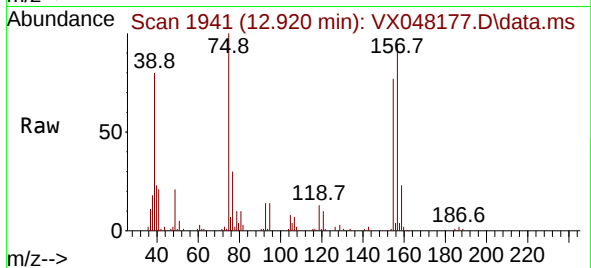
#92
1,2-Dibromo-3-Chloropropane
Concen: 36.832 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Tgt Ion: 75 Resp: 17178
Ion Ratio Lower Upper
75 100
155 81.6 37.7 113.1
157 104.1 49.8 149.4

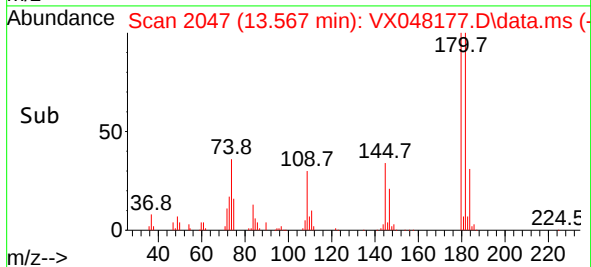
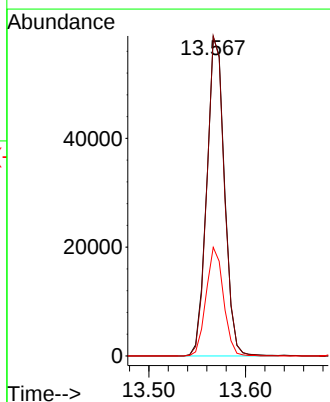
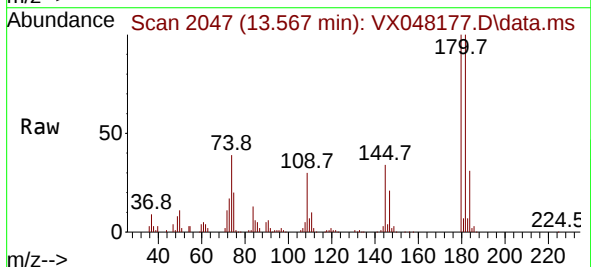
Manual Integrations
APPROVED

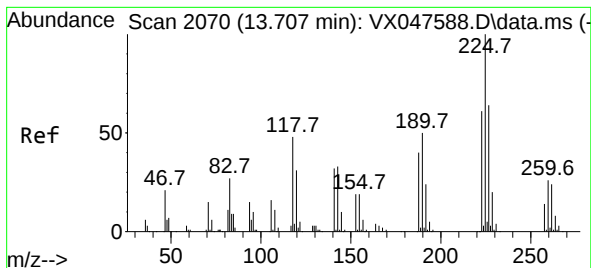
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#93
1,2,4-Trichlorobenzene
Concen: 34.678 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:180 Resp: 74788
Ion Ratio Lower Upper
180 100
182 99.0 46.6 139.8
145 33.5 16.4 49.1





#94

Hexachlorobutadiene

Concen: 35.204 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

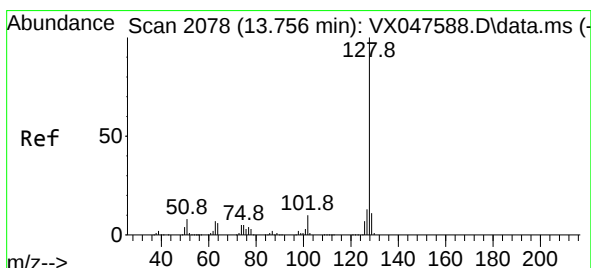
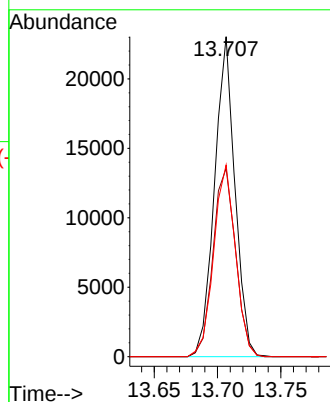
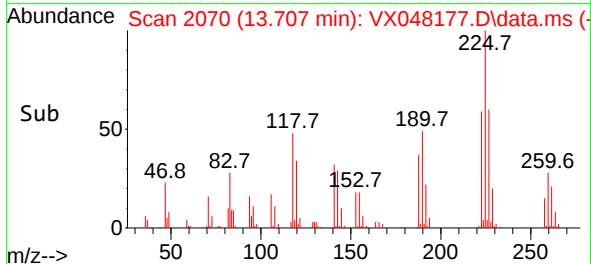
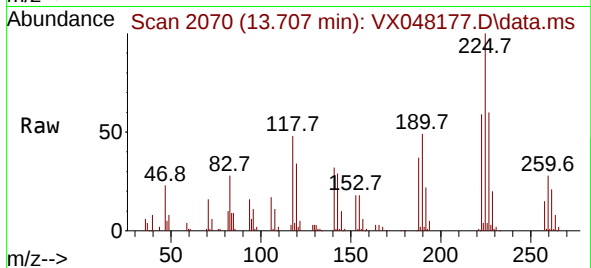
Tgt Ion:	225	Resp:	25789
Ion Ratio	Lower	Upper	
225	100		
223	65.2	31.7	95.1
227	64.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#95

Naphthalene

Concen: 35.684 ug/l

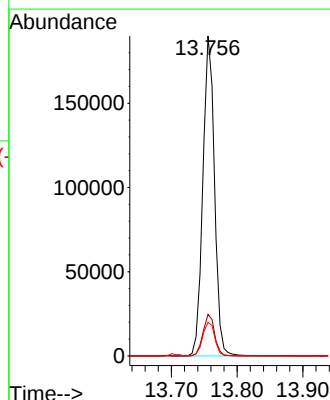
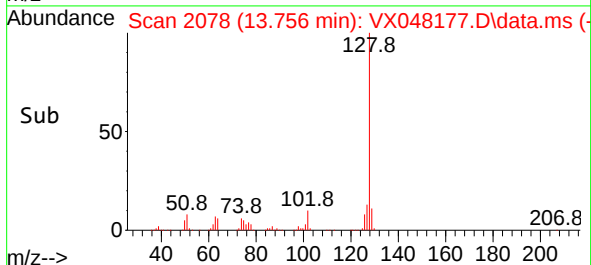
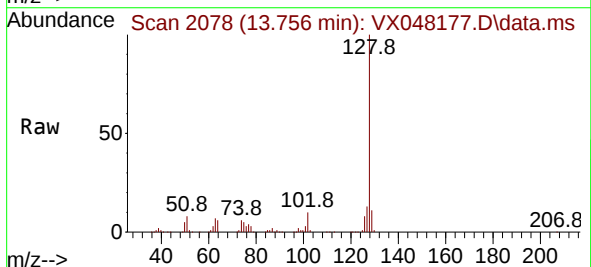
RT: 13.756 min Scan# 2078

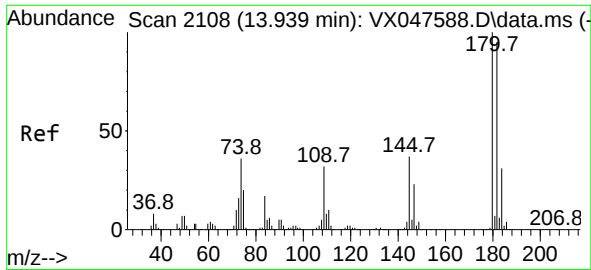
Delta R.T. -0.000 min

Lab File: VX048177.D

Acq: 14 Oct 2025 18:59

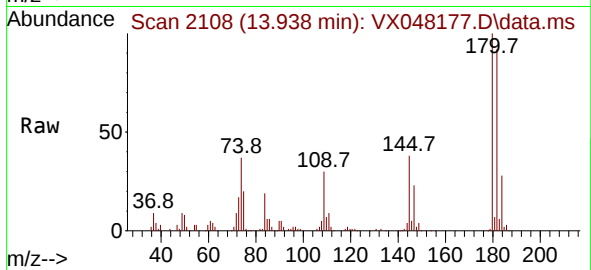
Tgt Ion:	128	Resp:	234346
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 36.512 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS



Tgt Ion:180 Resp: 73249
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 35.5 17.9 53.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

