

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048178.D
 Acq On : 14 Oct 2025 19:20
 Operator : JC/MD
 Sample : Q3311-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD

Quant Time: Oct 15 02:51:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	110142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	199465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	178364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	94291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83703	47.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.373	113	65275	48.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.600%		
50) Toluene-d8	8.634	98	213826	46.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.380%		
62) 4-Bromofluorobenzene	11.061	95	83883	47.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	61758	54.148	ug/l	96
3) Chloromethane	1.300	50	79886	53.294	ug/l	100
4) Vinyl Chloride	1.379	62	84221	57.397	ug/l	98
5) Bromomethane	1.617	94	54878	58.980	ug/l	96
6) Chloroethane	1.697	64	54119	55.183	ug/l	97
7) Trichlorofluoromethane	1.898	101	125844	57.761	ug/l	99
8) Diethyl Ether	2.135	74	47384	53.167	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	69753	54.754	ug/l	99
10) Methyl Iodide	2.459	142	93414	47.016	ug/l	97
11) Tert butyl alcohol	2.946	59	43149	220.985	ug/l	100
12) 1,1-Dichloroethene	2.324	96	73324	56.032	ug/l	95
13) Acrolein	2.239	56	45858	254.861	ug/l	97
14) Allyl chloride	2.666	41	134937	49.970	ug/l	99
15) Acrylonitrile	3.062	53	196943	272.304	ug/l	98
16) Acetone	2.373	43	150857	197.900	ug/l	98
17) Carbon Disulfide	2.520	76	220341	61.506	ug/l	98
18) Methyl Acetate	2.702	43	77550	45.713	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	250017	52.338	ug/l	100
20) Methylene Chloride	2.788	84	86444	53.573	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	80185	56.914	ug/l	97
22) Diisopropyl ether	3.751	45	281208	53.734	ug/l #	83
23) Vinyl Acetate	3.714	43	1068305	255.058	ug/l	100
24) 1,1-Dichloroethane	3.605	63	152793	54.931	ug/l	98
25) 2-Butanone	4.544	43	235717	247.899	ug/l	98
26) 2,2-Dichloropropane	4.470	77	108795	47.053	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96700	56.045	ug/l	97
28) Bromochloromethane	4.891	49	58766	48.393	ug/l	98
29) Tetrahydrofuran	4.995	42	148272	259.210	ug/l	99
30) Chloroform	5.080	83	160224	57.002	ug/l	95
31) Cyclohexane	5.458	56	122885	53.043	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	135586	56.869	ug/l	100
36) 1,1-Dichloropropene	5.684	75	102103	52.234	ug/l	98
37) Ethyl Acetate	4.702	43	95396	45.580	ug/l	99
38) Carbon Tetrachloride	5.665	117	116631	54.915	ug/l	97
39) Methylcyclohexane	7.366	83	117256	52.845	ug/l	96
40) Benzene	6.025	78	332549	56.013	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	54498	50.438	ug/l	99
42) 1,2-Dichloroethane	6.074	62	122393	54.181	ug/l	99
43) Isopropyl Acetate	6.330	43	133438	38.874	ug/l	97
44) Trichloroethene	7.110	130	82756	57.656	ug/l	96
45) 1,2-Dichloropropane	7.415	63	75721	49.809	ug/l	99
46) Dibromomethane	7.567	93	62094	56.128	ug/l	95
47) Bromodichloromethane	7.805	83	130150	57.011	ug/l	99
48) Methyl methacrylate	7.677	41	85423	49.961	ug/l	96
49) 1,4-Dioxane	7.647	88	20092	1162.772	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	500898	263.191	ug/l	99
52) Toluene	8.701	92	202770	55.435	ug/l	99
53) t-1,3-Dichloropropene	8.963	75	123420	53.003	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	131179	52.706	ug/l	96
55) 1,1,2-Trichloroethane	9.140	97	77773	55.142	ug/l	99
56) Ethyl methacrylate	9.104	69	117469	53.033	ug/l	98
57) 1,3-Dichloropropane	9.293	76	133305	55.020	ug/l	99
59) 2-Hexanone	9.415	43	345041	252.433	ug/l	100
60) Dibromochloromethane	9.506	129	94457	58.123	ug/l	99
61) 1,2-Dibromoethane	9.591	107	80365	55.942	ug/l	99
64) Tetrachloroethene	9.262	164	331269	284.902	ug/l	97
65) Chlorobenzene	10.061	112	220328	54.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77931	55.734	ug/l	99
67) Ethyl Benzene	10.177	91	376181	53.805	ug/l	100
68) m/p-Xylenes	10.286	106	282986	108.744	ug/l	99
69) o-Xylene	10.628	106	136699	54.309	ug/l	100
70) Styrene	10.640	104	239395	54.280	ug/l	99
71) Bromoform	10.786	173	62216	59.590	ug/l #	97
73) Isopropylbenzene	10.945	105	354640	49.471	ug/l	100
74) N-amyl acetate	10.829	43	140343	42.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	107937	49.767	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	94727m	49.619	ug/l	
77) Bromobenzene	11.183	156	85625	48.497	ug/l	98
78) n-propylbenzene	11.286	91	417171	49.228	ug/l	100
79) 2-Chlorotoluene	11.347	91	253026	48.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	291714	49.530	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	32079	42.851	ug/l	96
82) 4-Chlorotoluene	11.439	91	300444	49.012	ug/l	98
83) tert-Butylbenzene	11.695	119	291710	48.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	295508	49.489	ug/l	100
85) sec-Butylbenzene	11.872	105	350539	48.949	ug/l	99
86) p-Isopropyltoluene	11.993	119	294049	48.500	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	158253	48.257	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	162895	48.397	ug/l	99
89) n-Butylbenzene	12.317	91	268412	47.846	ug/l	98
90) Hexachloroethane	12.518	117	57749	54.253	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	154177	49.348	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	20888	47.569	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	92329	45.471	ug/l	99
94) Hexachlorobutadiene	13.707	225	31426	45.564	ug/l	98
95) Naphthalene	13.755	128	288762	46.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	90016	47.657	ug/l	98

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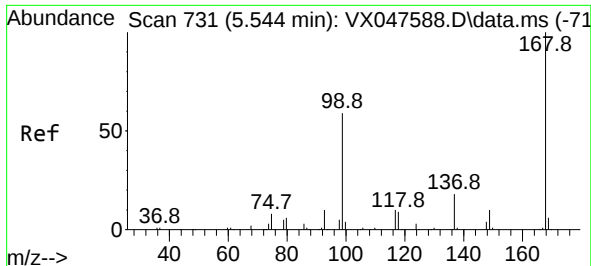
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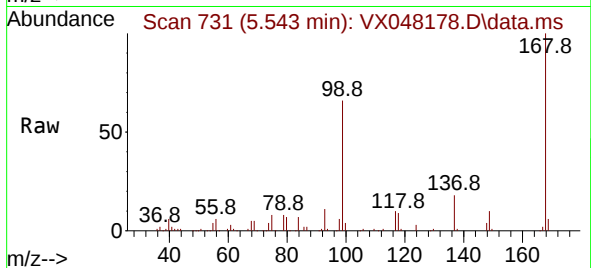
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
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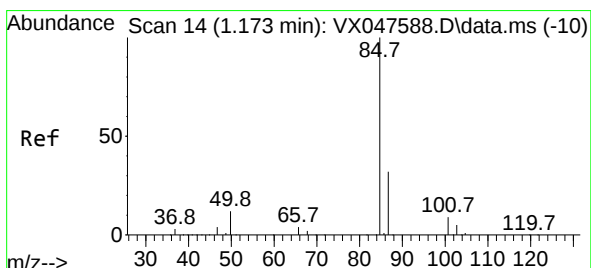
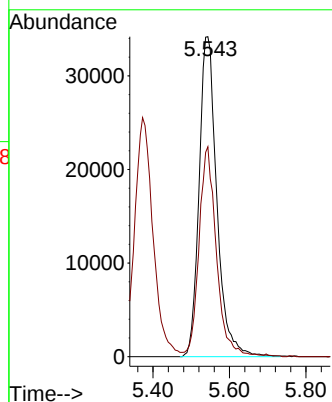
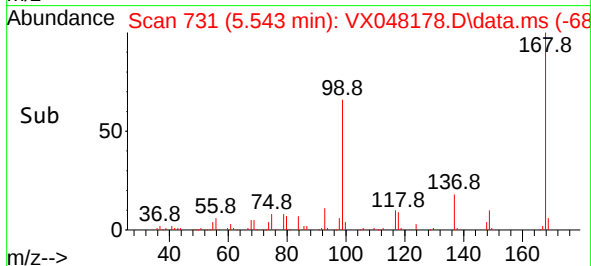
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:168 Resp: 11014
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2

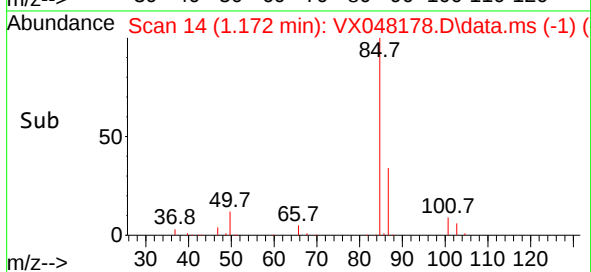
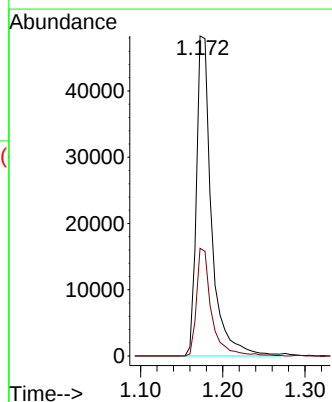
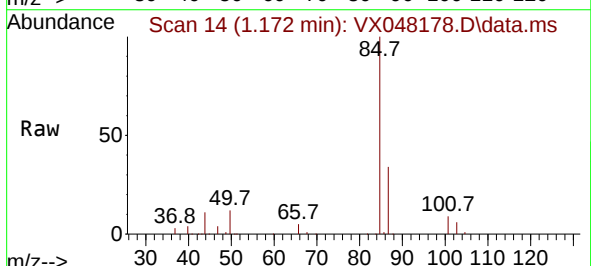
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#2
Dichlorodifluoromethane
Concen: 54.148 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 85 Resp: 61758
Ion Ratio Lower Upper
85 100
87 33.7 15.8 47.3





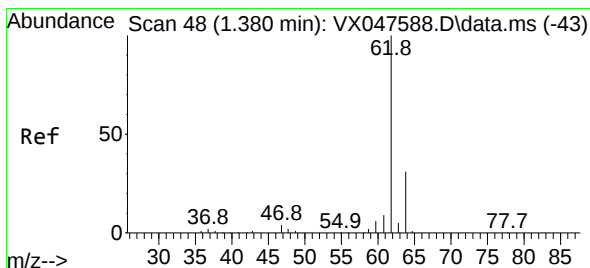
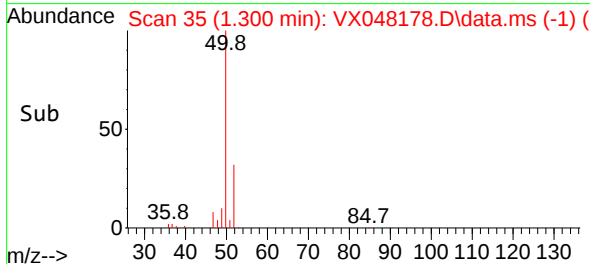
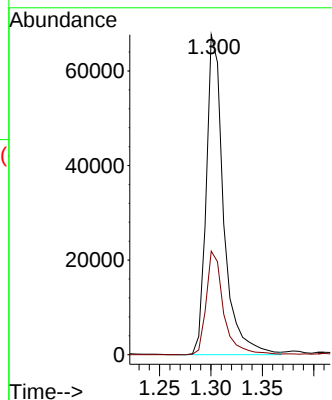
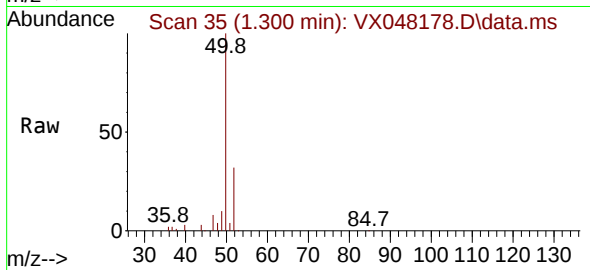
#3
Chloromethane
Concen: 53.294 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 50 Resp: 7988
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1

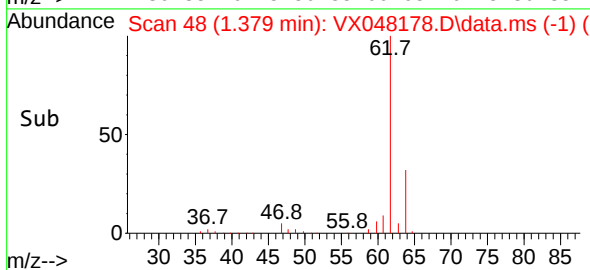
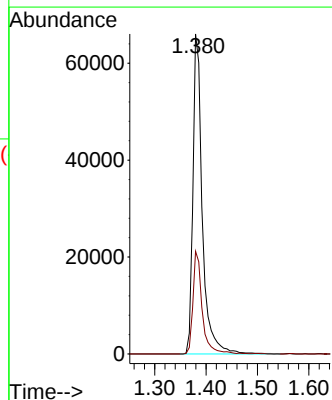
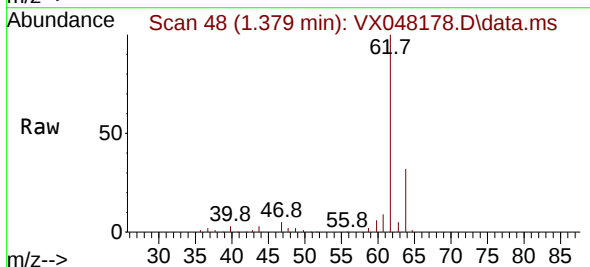
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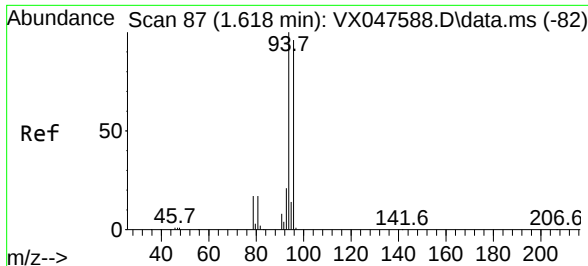
Reviewed By :John Carlone 10/15/2025
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#4
Vinyl Chloride
Concen: 57.397 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

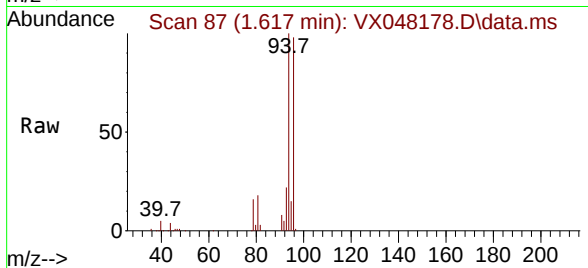
Tgt Ion: 62 Resp: 84221
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





#5
Bromomethane
Concen: 58.980 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

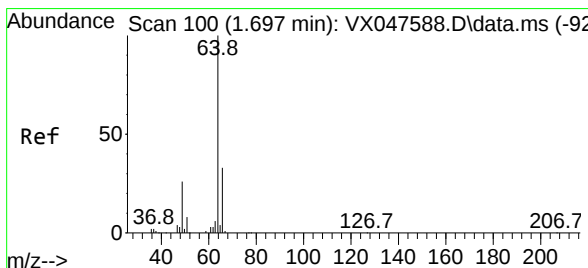
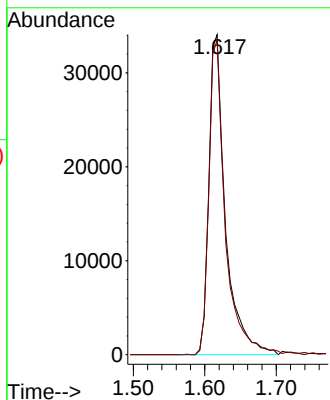
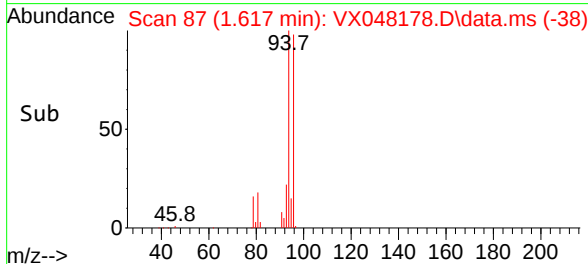
Instrument :
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Tgt Ion: 94 Resp: 54878
Ion Ratio Lower Upper
94 100
96 99.6 76.6 115.0

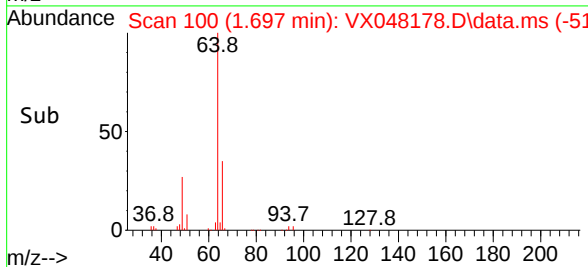
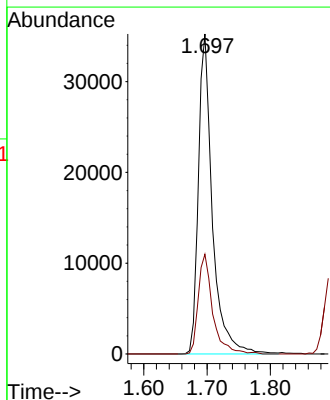
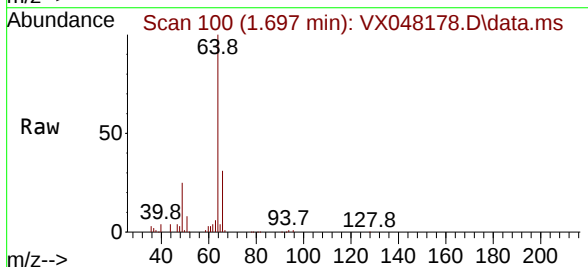
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#6
Chloroethane
Concen: 55.183 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

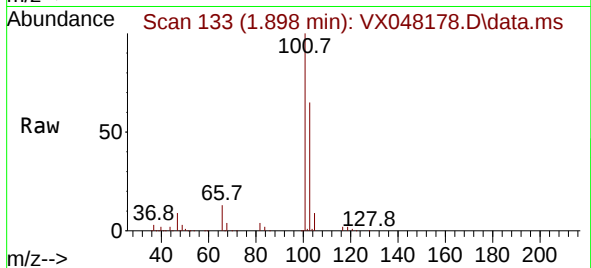
Tgt Ion: 64 Resp: 54119
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 57.761 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

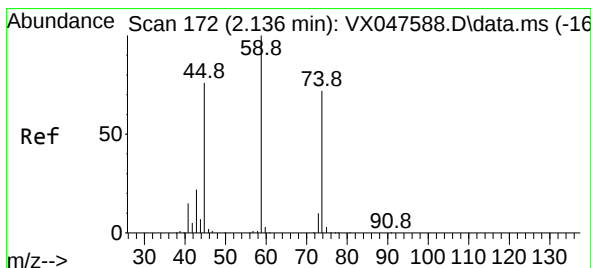
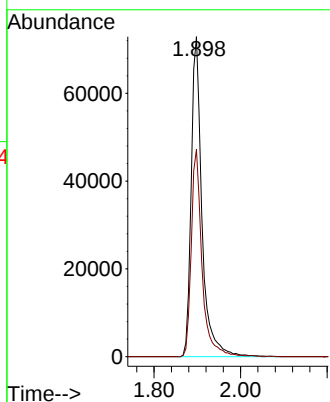
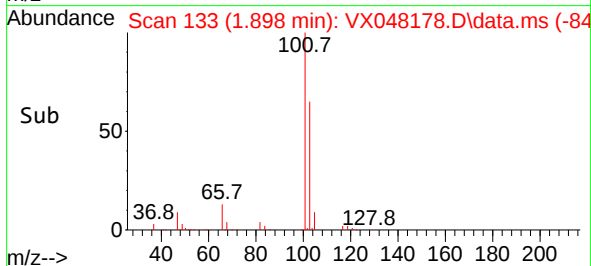
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:101 Resp: 12584
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

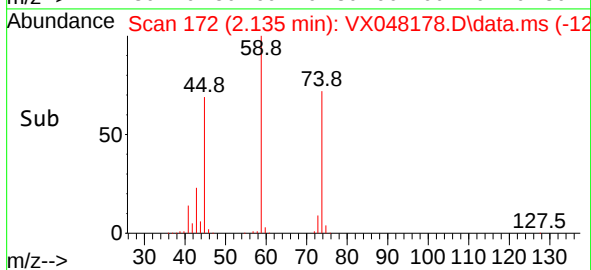
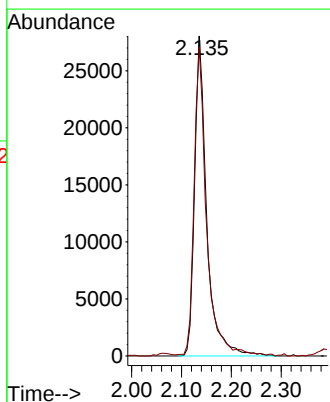
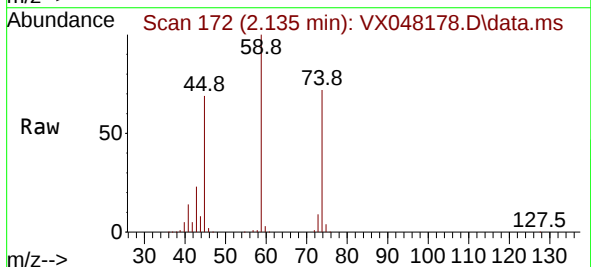
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#8
Diethyl Ether
Concen: 53.167 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 74 Resp: 47384
Ion Ratio Lower Upper
74 100
45 98.0 52.3 156.8





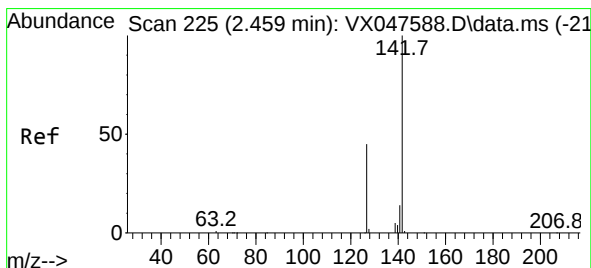
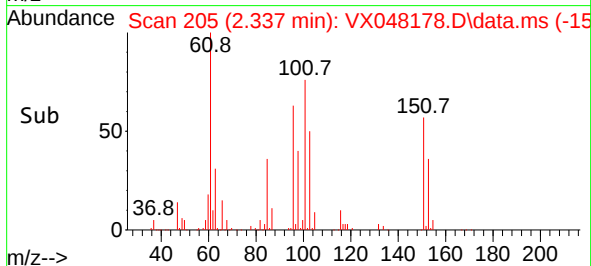
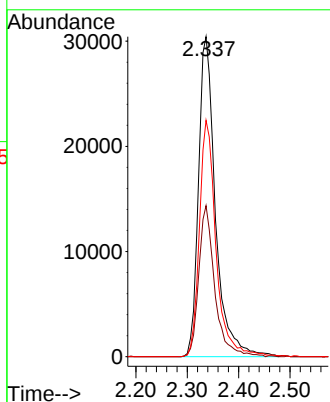
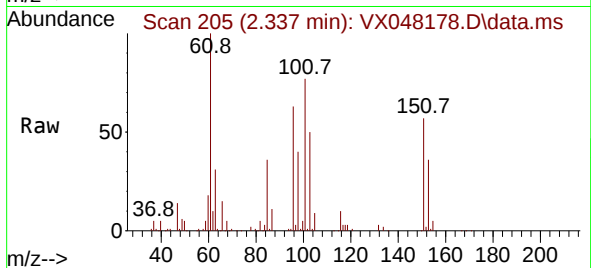
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1,1,2-Trichlorotrifluoroethane
Concen: 54.754 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048178.D
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Instrument :
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ClientSampleId :
MW-219MSD

Tgt Ion:101 Resp: 6975
Ion Ratio Lower Upper
101 100
85 44.6 35.5 53.3
151 72.9 59.4 89.0

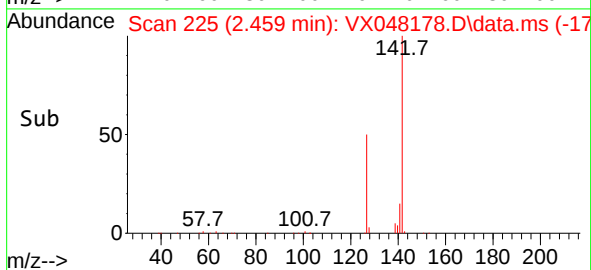
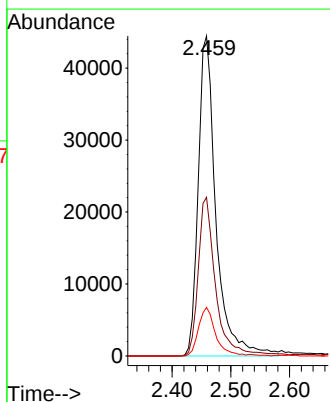
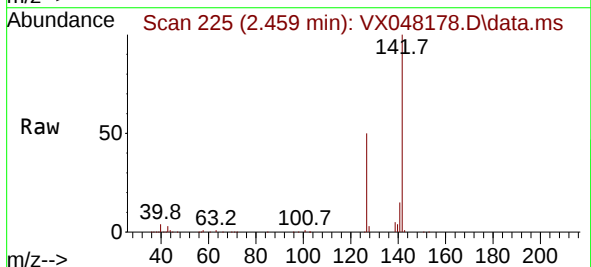
Manual Integrations
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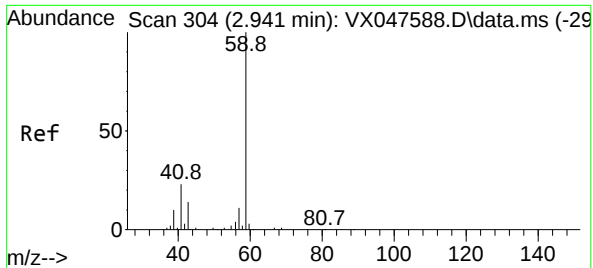
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 47.016 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:142 Resp: 93414
Ion Ratio Lower Upper
142 100
127 48.8 37.2 55.8
141 14.9 11.4 17.0





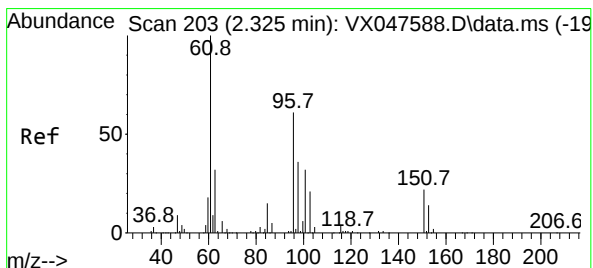
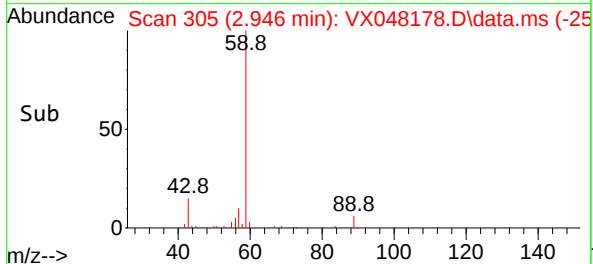
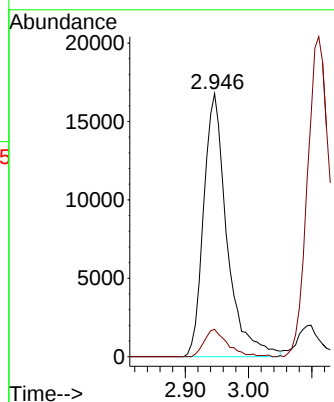
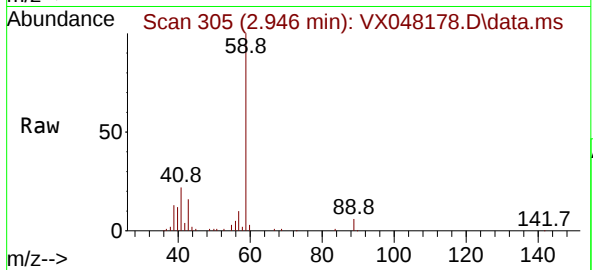
#11
Tert butyl alcohol
Concen: 220.985 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 59 Resp: 43149
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

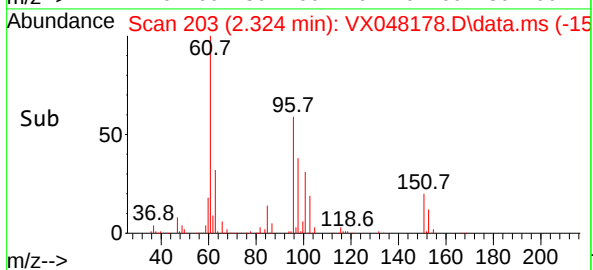
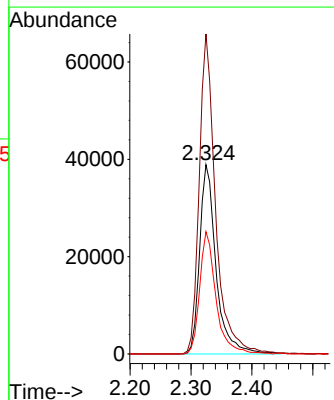
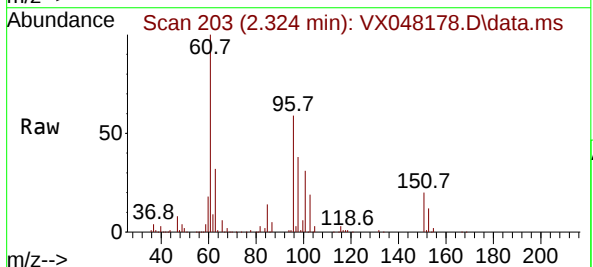
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 56.032 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

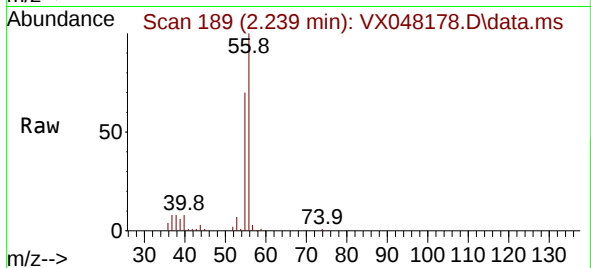
Tgt Ion: 96 Resp: 73324
Ion Ratio Lower Upper
96 100
61 169.1 131.0 196.6
98 64.6 47.7 71.5





#13
Acrolein
Concen: 254.861 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

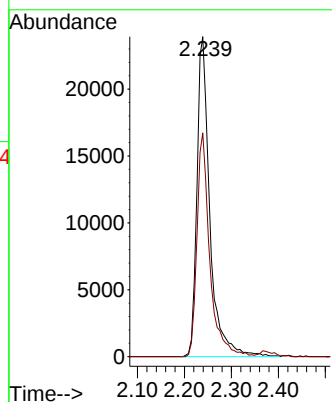
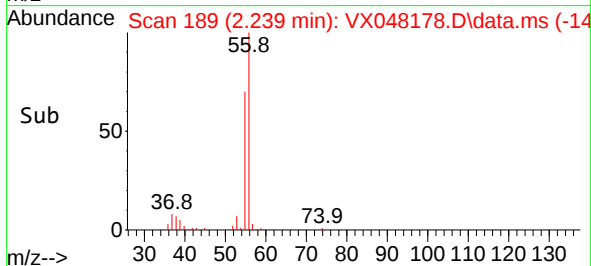
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 56 Resp: 45858
Ion Ratio Lower Upper
56 100
55 69.3 57.2 85.8

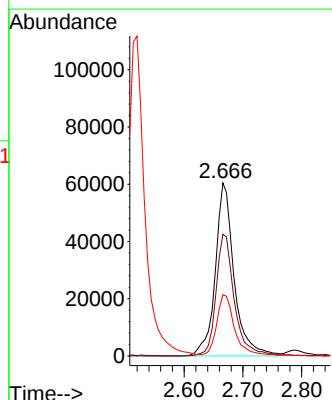
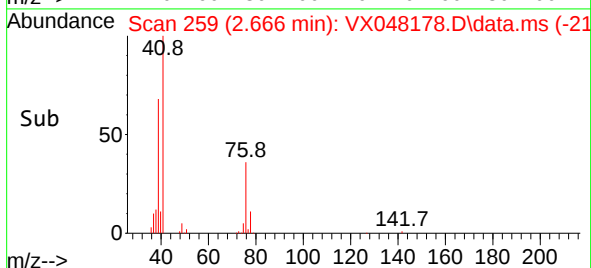
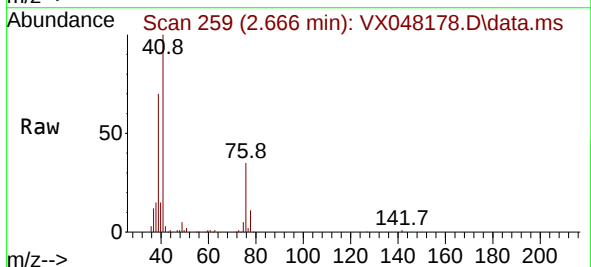
Manual Integrations
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Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 49.970 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

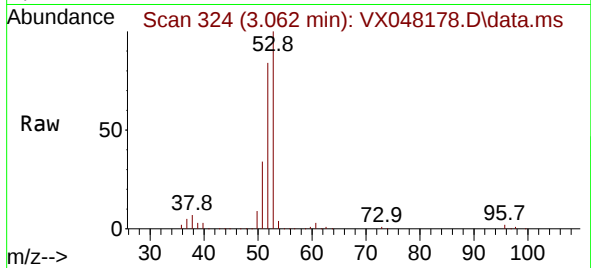
Tgt Ion: 41 Resp: 134937
Ion Ratio Lower Upper
41 100
39 68.8 54.7 82.1
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 272.304 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

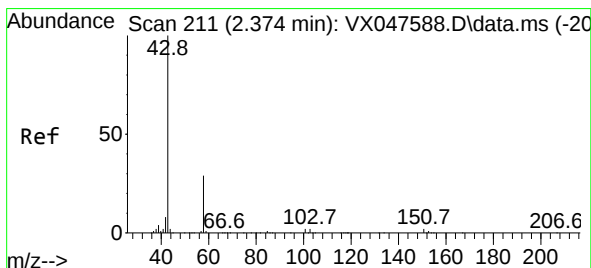
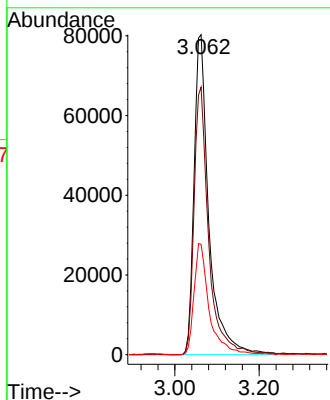
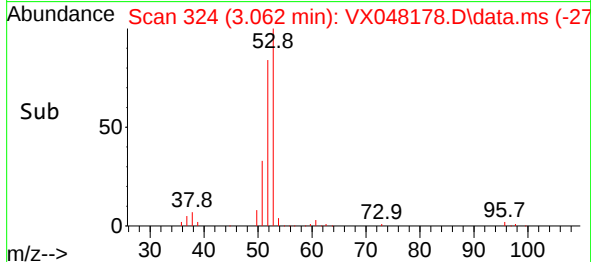
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 53 Resp: 19694
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.7 29.5 44.3

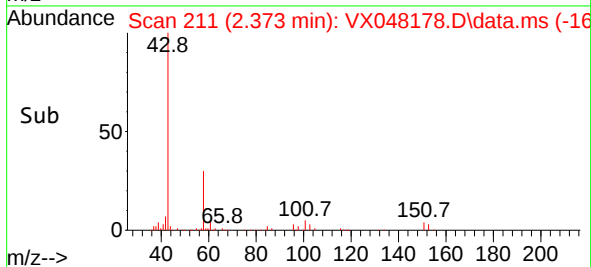
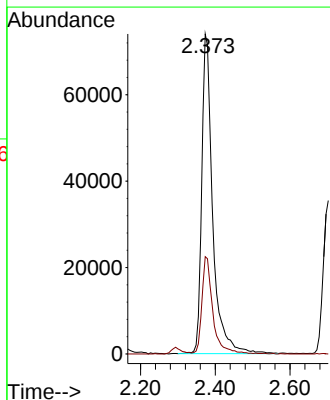
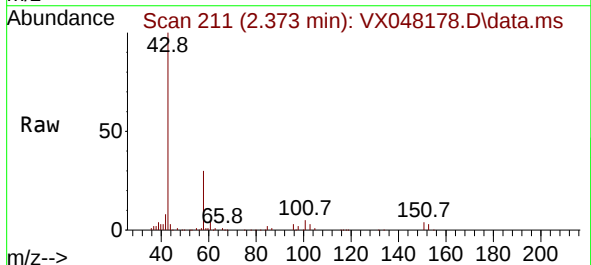
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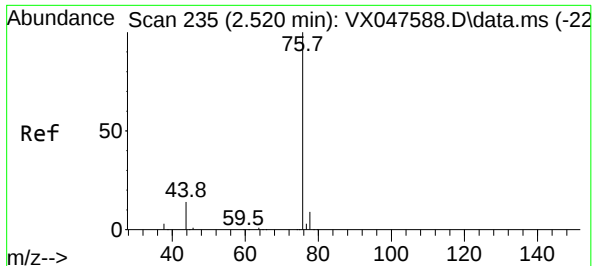
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#16
Acetone
Concen: 197.900 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 150857
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0





#17

Carbon Disulfide

Concen: 61.506 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 76 Resp: 22034

Ion Ratio Lower Upper

76 100

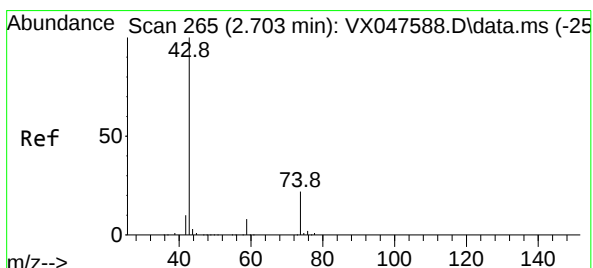
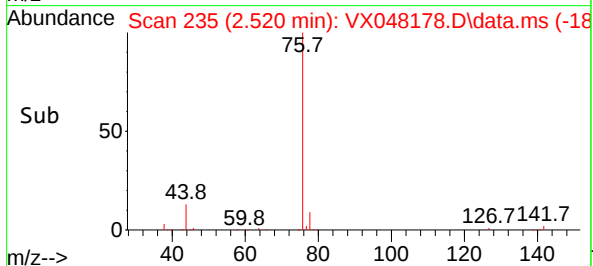
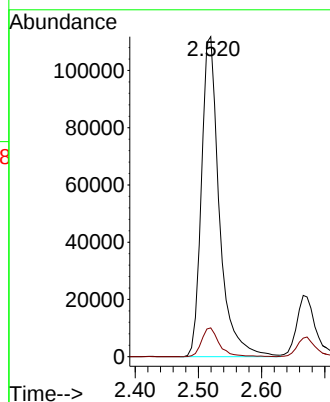
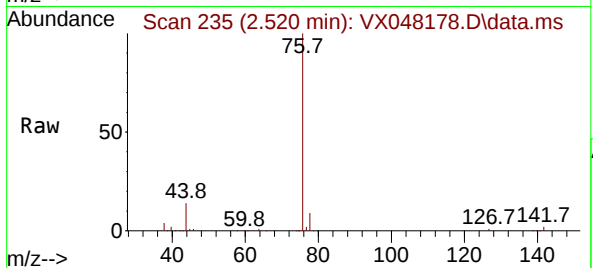
78 9.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#18

Methyl Acetate

Concen: 45.713 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX048178.D

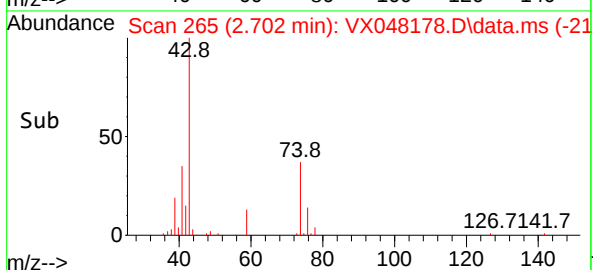
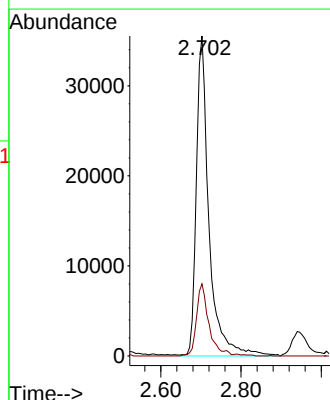
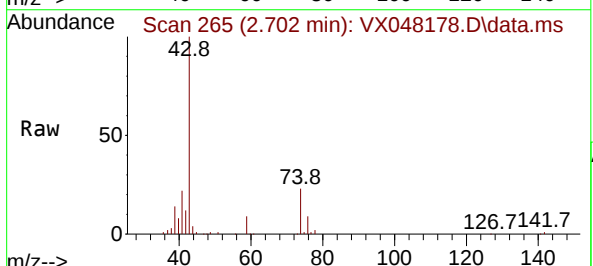
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 77550

Ion Ratio Lower Upper

43 100

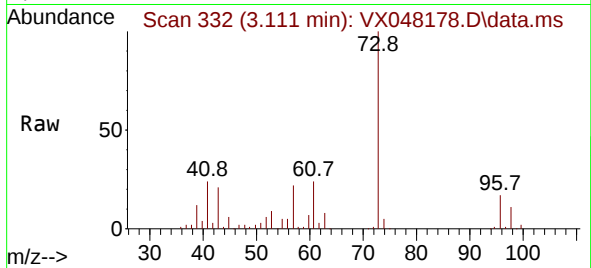
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.338 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

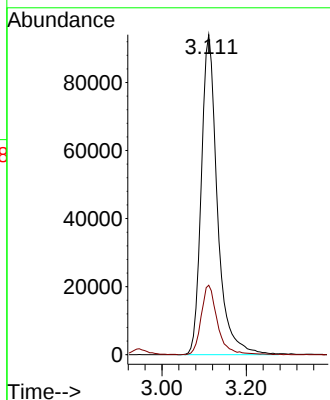
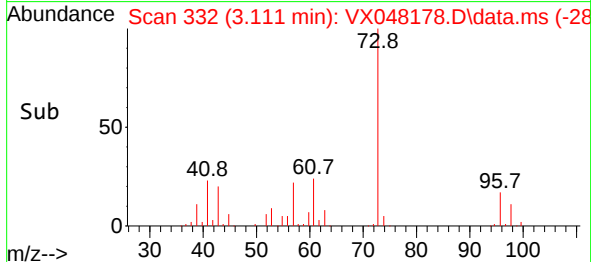
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 73 Resp: 25001
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

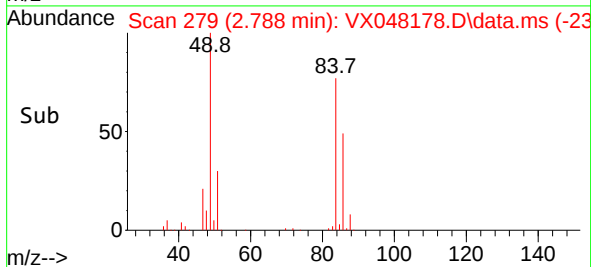
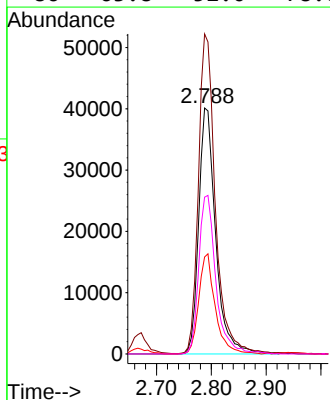
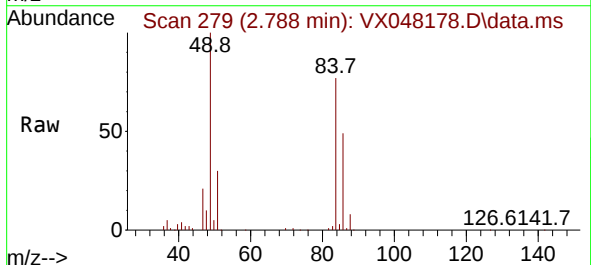
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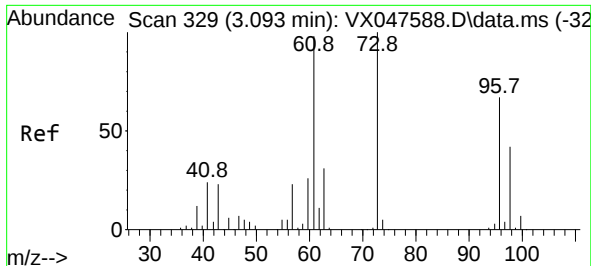
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#20
Methylene Chloride
Concen: 53.573 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

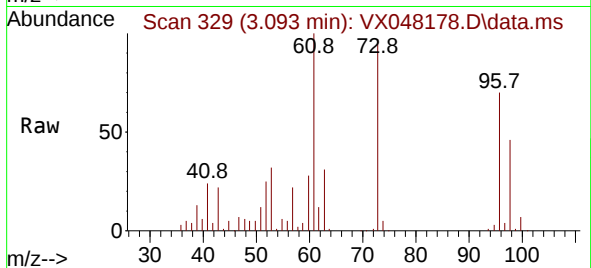
Tgt Ion: 84 Resp: 86444
Ion Ratio Lower Upper
84 100
49 129.9 108.6 162.8
51 39.5 32.6 48.8
86 63.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 56.914 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

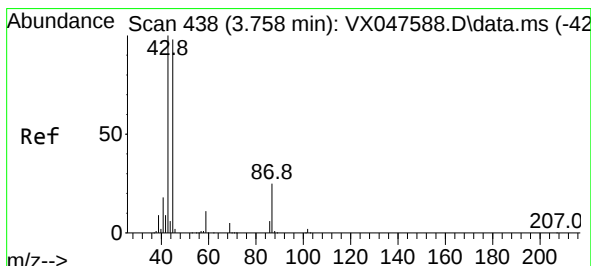
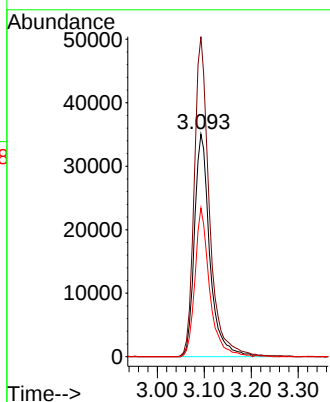
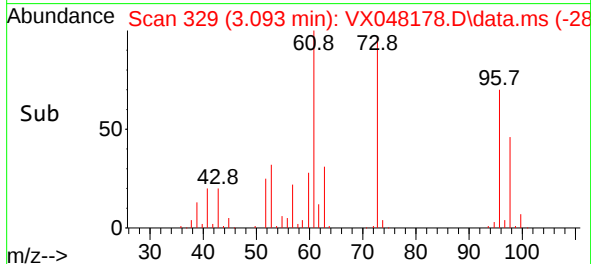
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



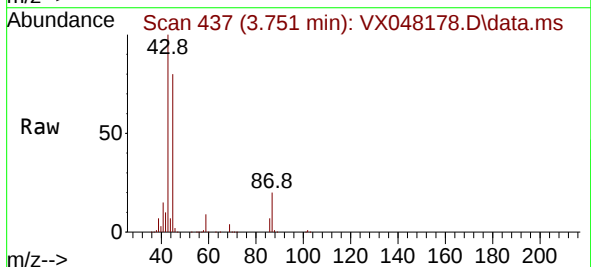
Tgt Ion: 96 Resp: 8018
Ion Ratio Lower Upper
96 100
61 143.8 116.2 174.2
98 66.8 49.3 73.9

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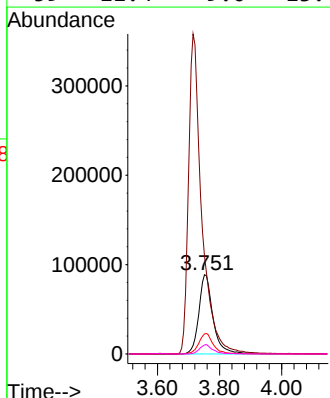
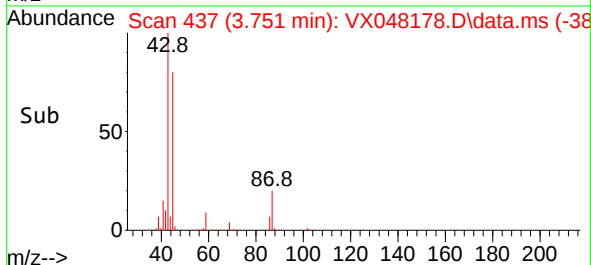
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

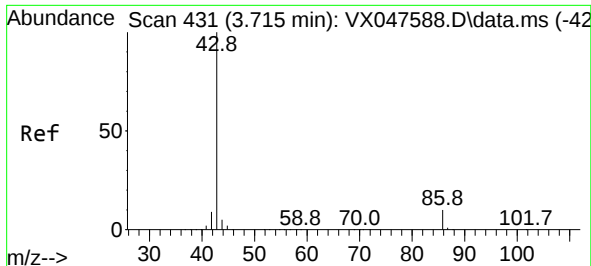


#22
Diisopropyl ether
Concen: 53.734 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



Tgt Ion: 45 Resp: 281208
Ion Ratio Lower Upper
45 100
43 124.1 81.0 121.4#
87 25.3 20.3 30.5
59 11.4 9.0 13.4





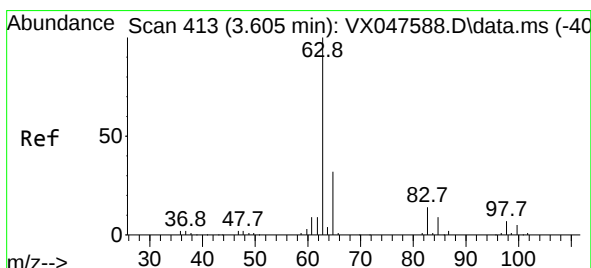
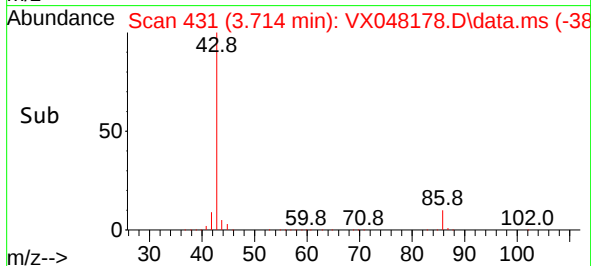
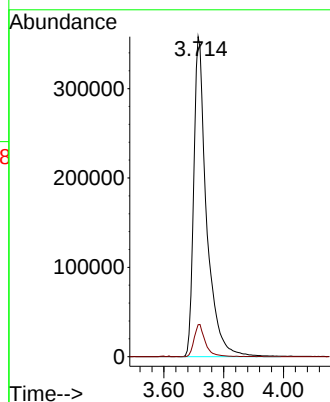
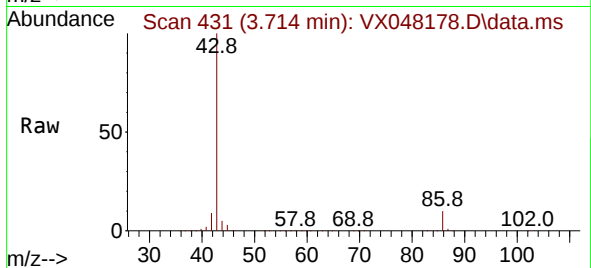
#23
 Vinyl Acetate
 Concen: 255.058 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD

Tgt Ion: 43 Resp: 106830
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

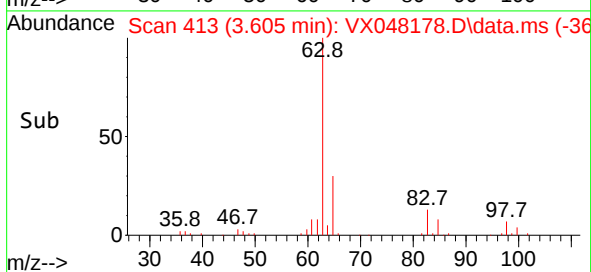
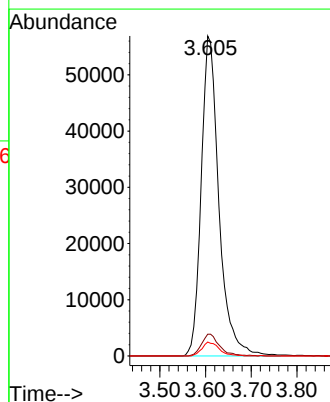
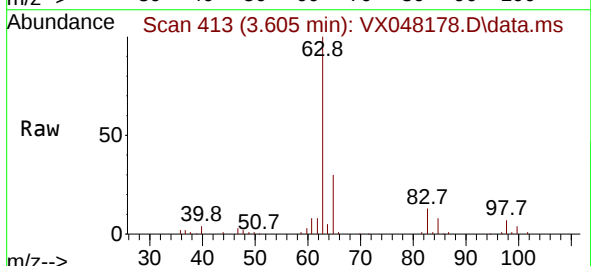
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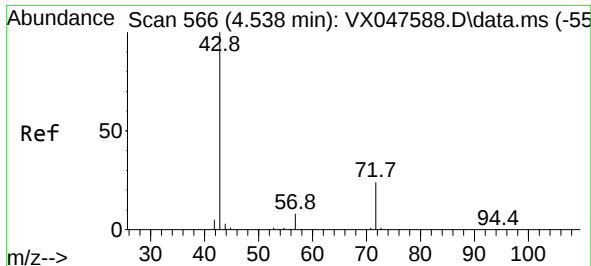
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#24
 1,1-Dichloroethane
 Concen: 54.931 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

Tgt Ion: 63 Resp: 152793
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.3 2.3 6.9





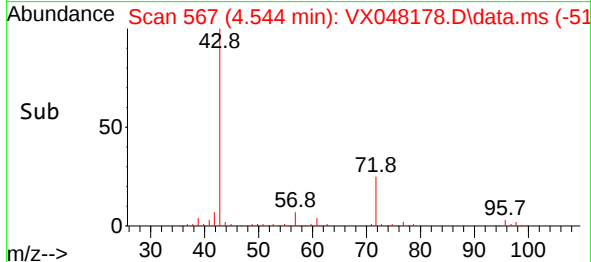
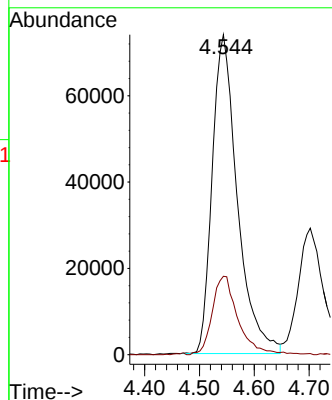
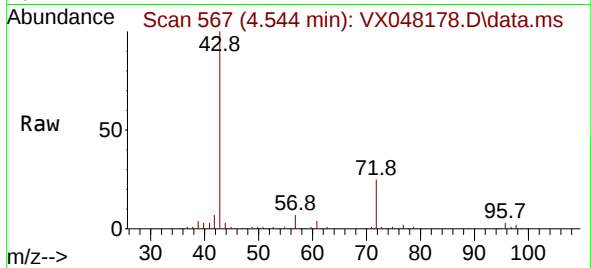
#25
2-Butanone
Concen: 247.899 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 43 Resp: 23571
Ion Ratio Lower Upper
43 100
72 24.3 20.1 30.1

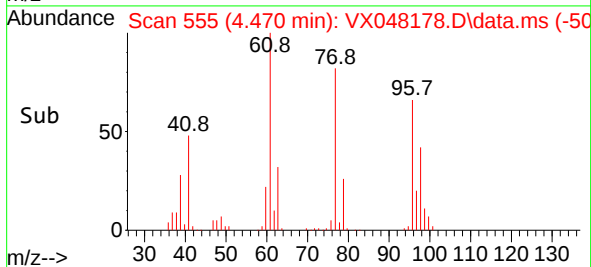
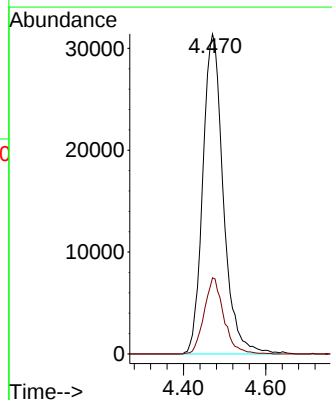
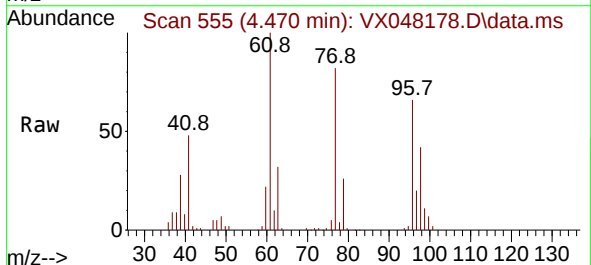
Manual Integrations
APPROVED

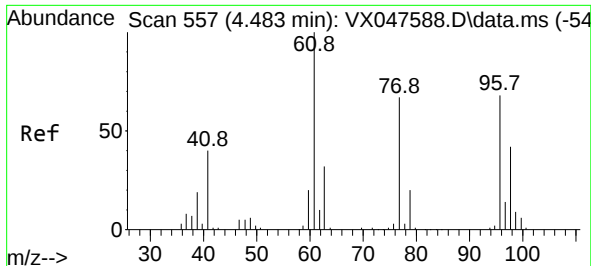
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 47.053 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 77 Resp: 108795
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 56.045 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 96 Resp: 96700

Ion Ratio Lower Upper

96 100

61 145.8 0.0 303.2

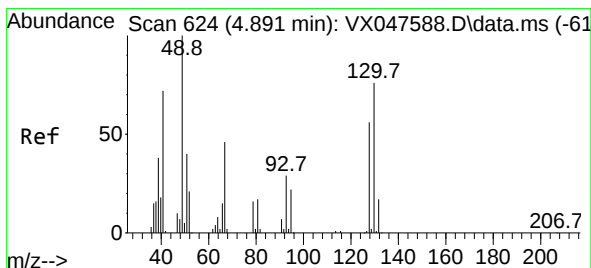
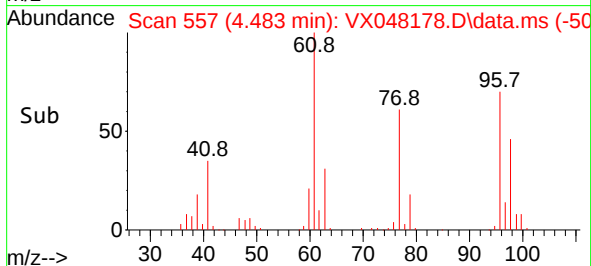
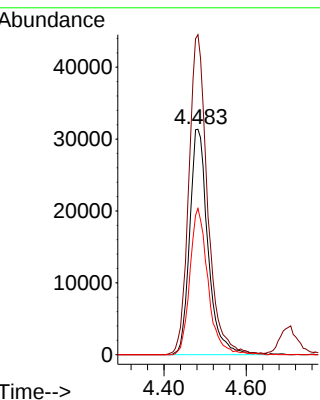
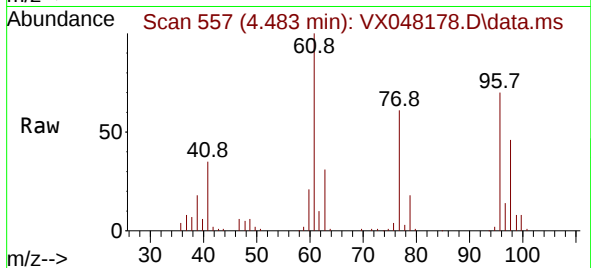
98 64.5 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 48.393 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

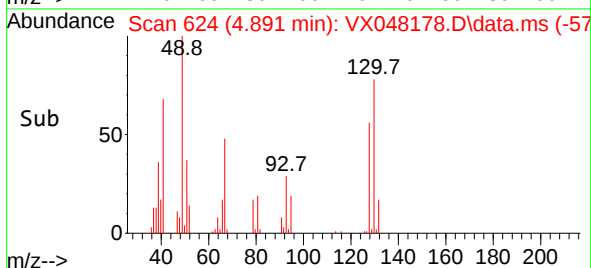
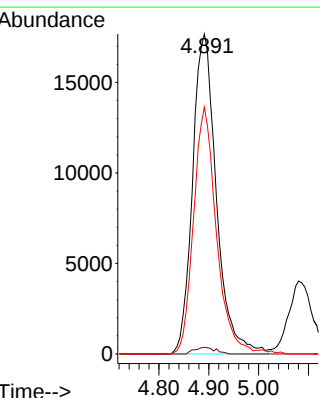
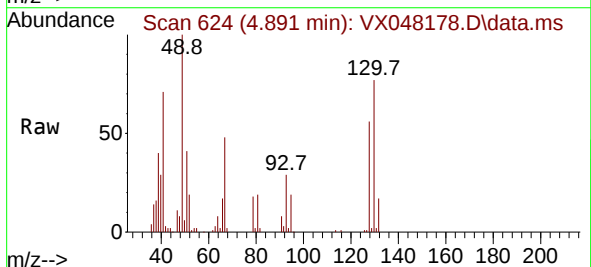
Tgt Ion: 49 Resp: 58766

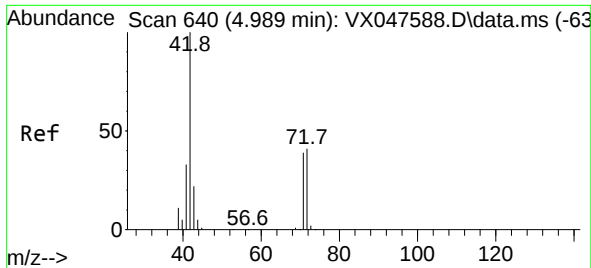
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

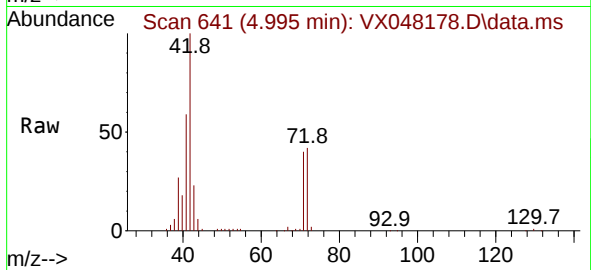
130 73.7 57.8 86.8





#29
Tetrahydrofuran
Concen: 259.210 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

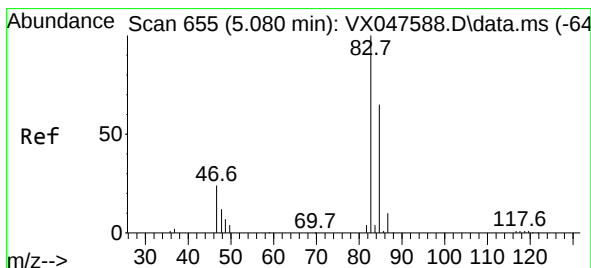
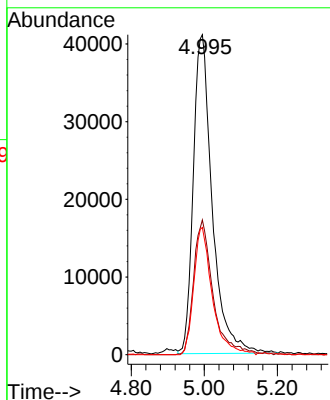
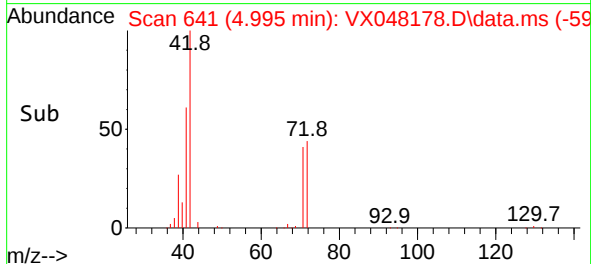
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 42 Resp: 148272
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.2
71 39.0 31.9 47.9

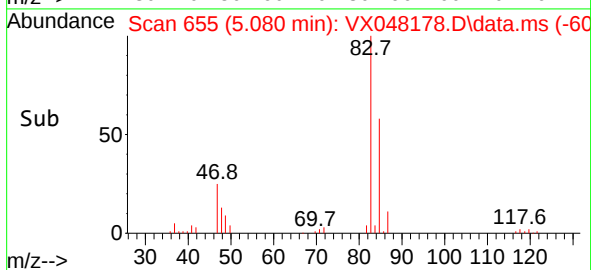
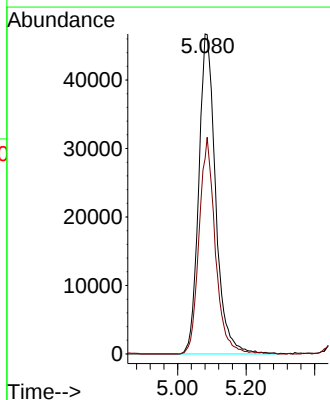
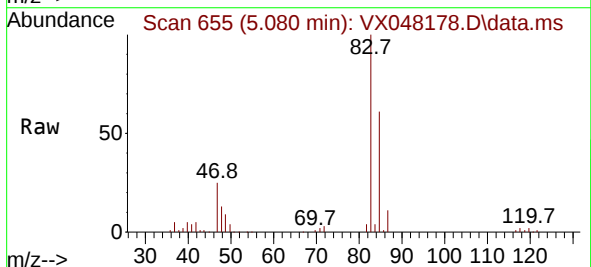
Manual Integrations
APPROVED

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



#30
Chloroform
Concen: 57.002 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

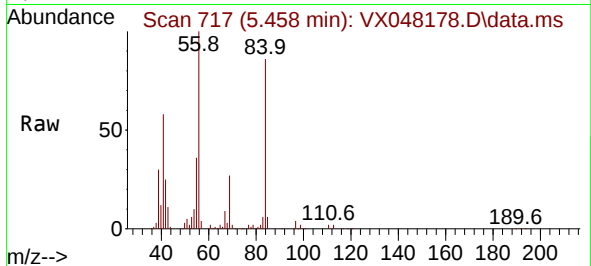
Tgt Ion: 83 Resp: 160224
Ion Ratio Lower Upper
83 100
85 61.0 51.8 77.6





#31
Cyclohexane
Concen: 53.043 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

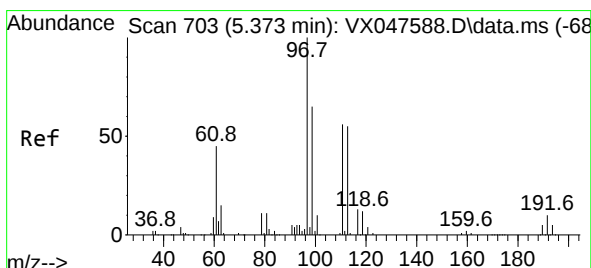
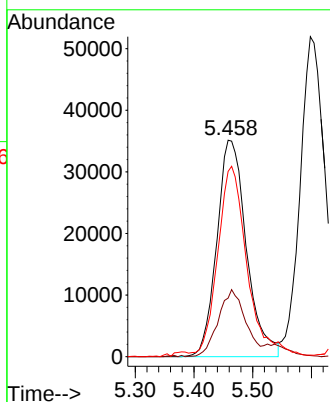
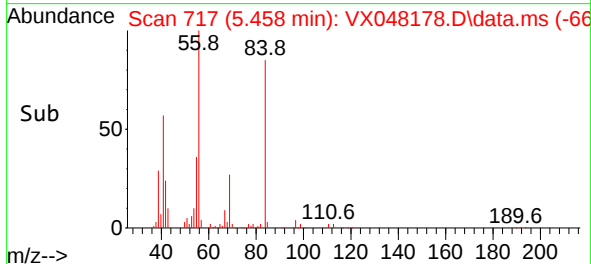
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 56 Resp: 12288
Ion Ratio Lower Upper
56 100
69 26.5 23.8 35.8
84 83.4 64.6 97.0

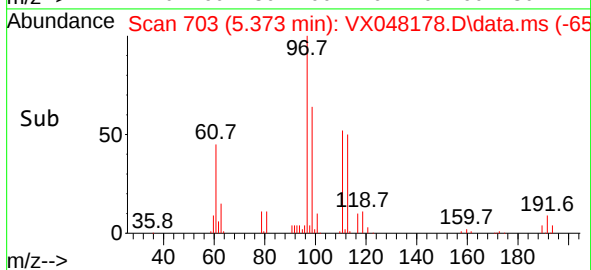
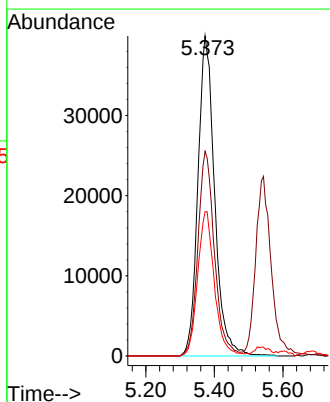
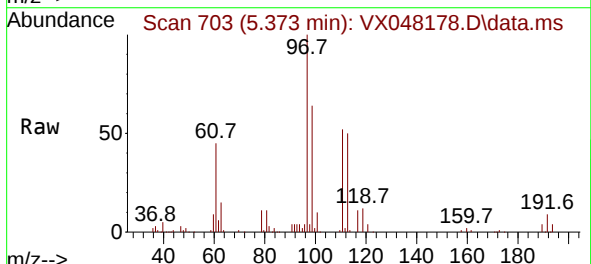
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 56.869 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 97 Resp: 135586
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 45.3 35.8 53.8





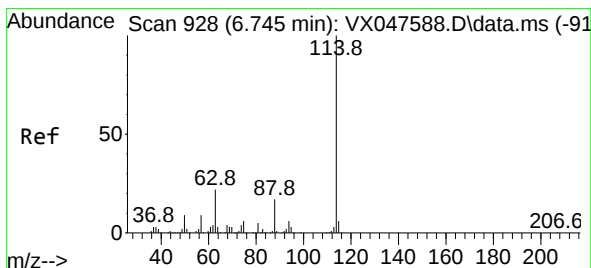
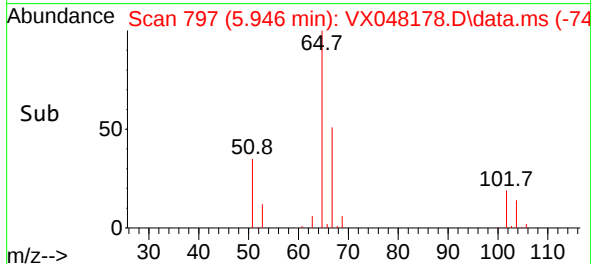
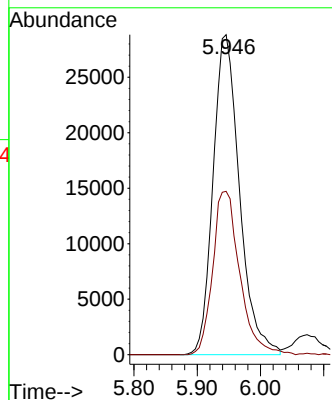
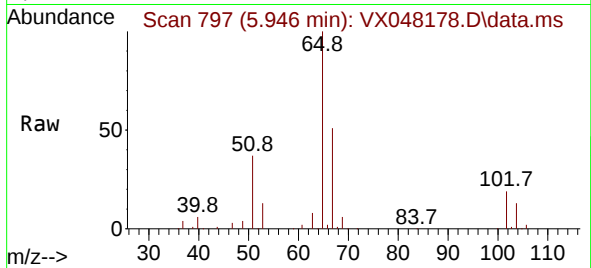
#33
1,2-Dichloroethane-d4
Concen: 47.743 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 65 Resp: 8370
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

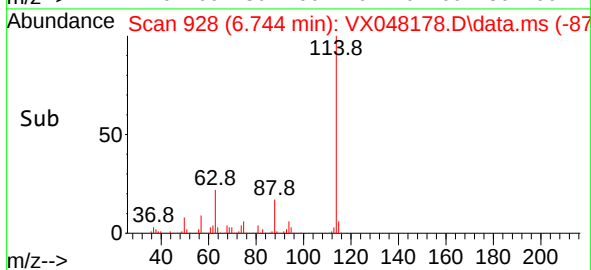
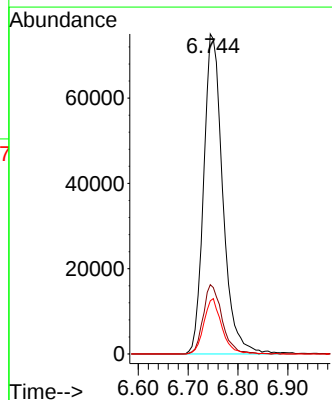
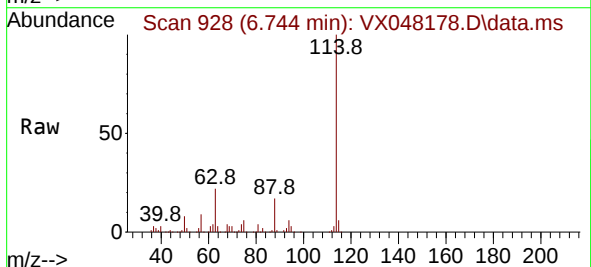
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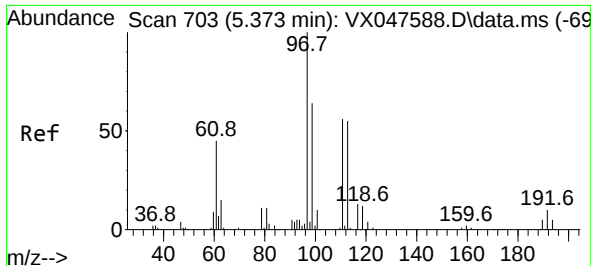
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

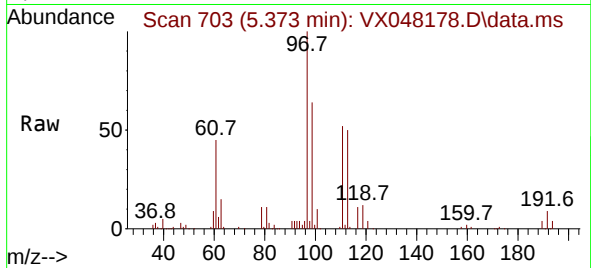
Tgt Ion:114 Resp: 199465
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.6 0.0 34.2





#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

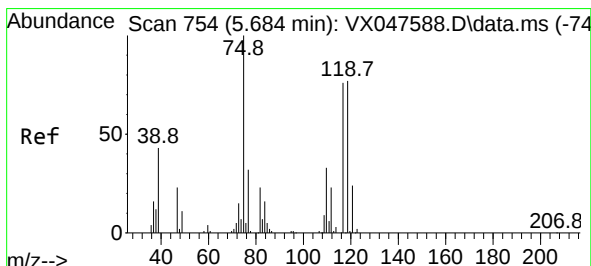
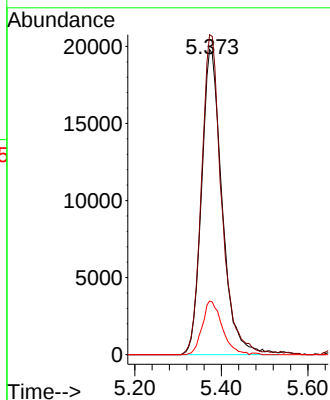
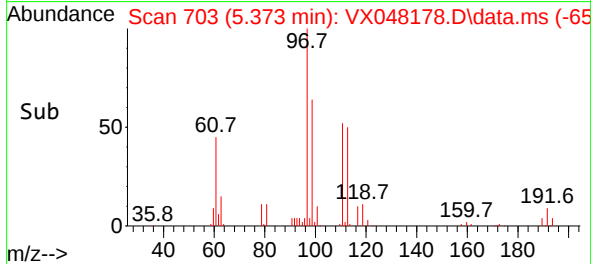
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 113 Resp: 65275
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.0 14.2 21.4

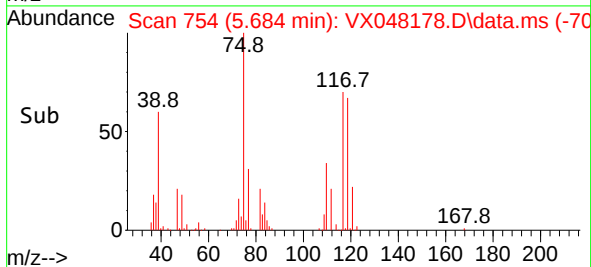
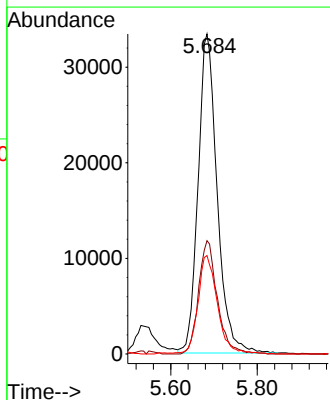
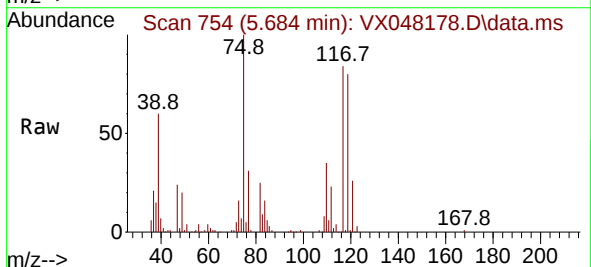
Manual Integrations
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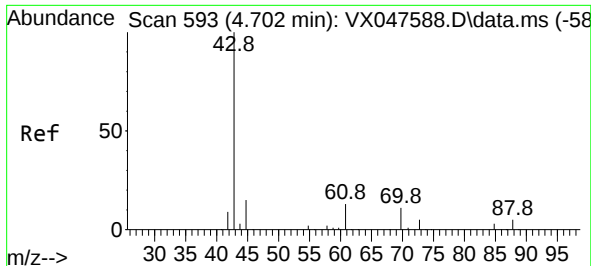
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#36
1,1-Dichloropropene
Concen: 52.234 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 102103
Ion Ratio Lower Upper
75 100
110 35.0 16.7 50.1
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 45.580 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 43 Resp: 95390

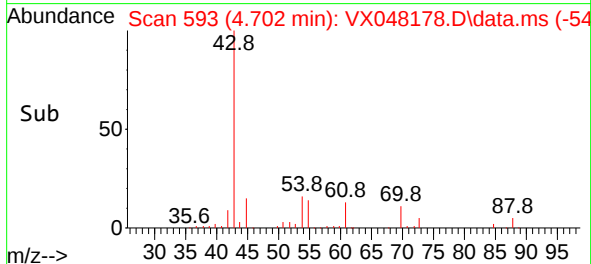
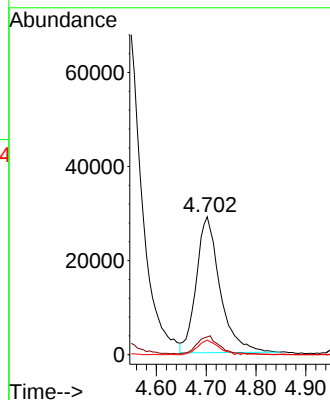
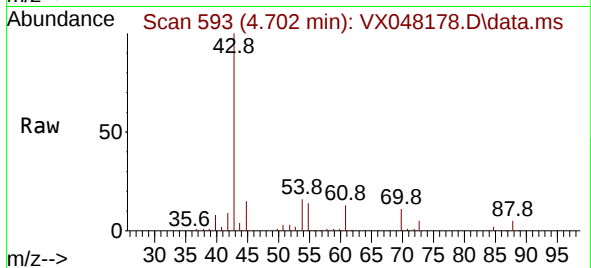
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.8	14.8
70	9.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#38

Carbon Tetrachloride

Concen: 54.915 ug/l

RT: 5.665 min Scan# 751

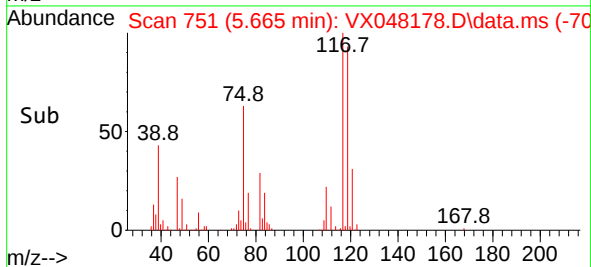
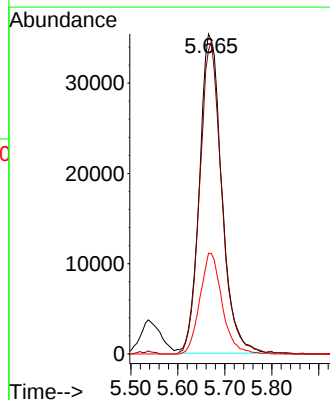
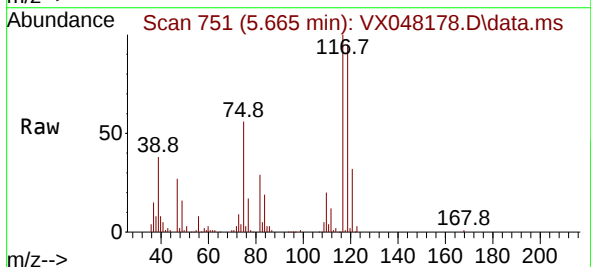
Delta R.T. -0.006 min

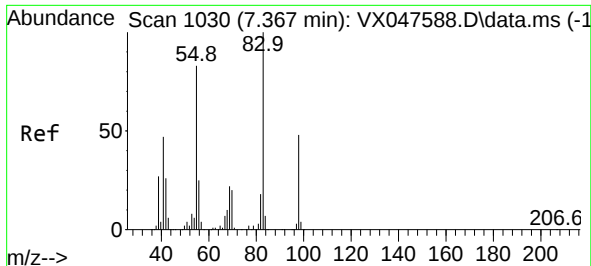
Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Tgt Ion:117 Resp: 116631

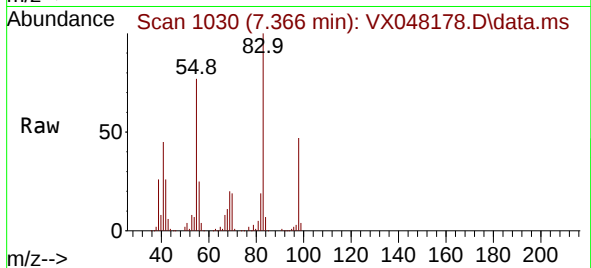
Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.4	110.2
121	31.6	23.8	35.6





#39
Methylcyclohexane
Concen: 52.845 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

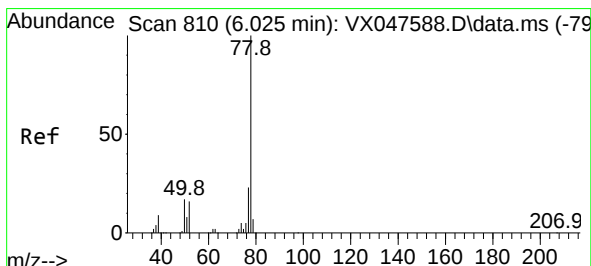
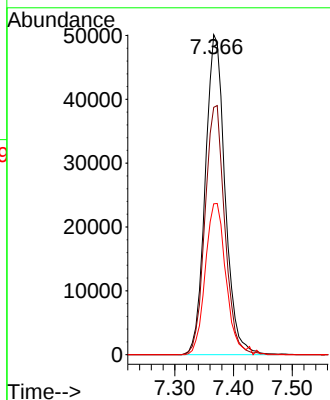
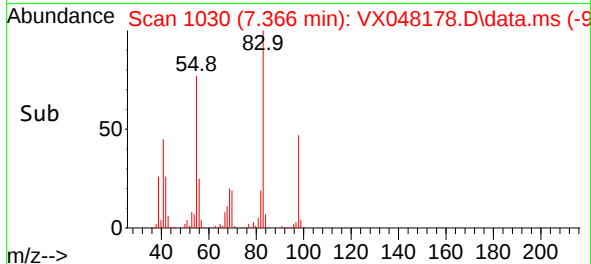
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 83 Resp: 117250
Ion Ratio Lower Upper
83 100
55 77.3 66.4 99.6
98 47.2 38.1 57.1

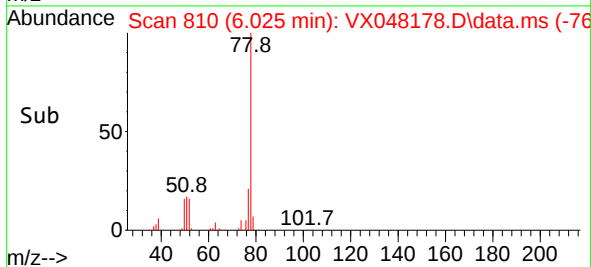
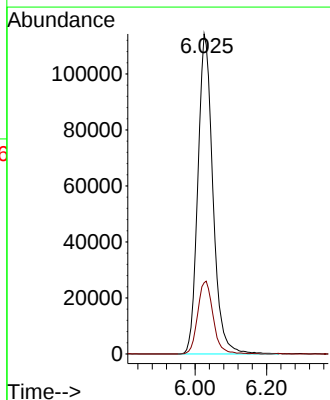
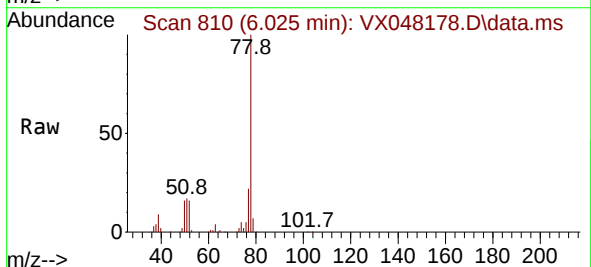
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 56.013 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

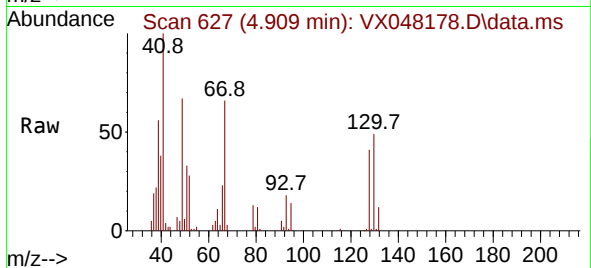
Tgt Ion: 78 Resp: 332549
Ion Ratio Lower Upper
78 100
77 22.3 18.8 28.2





#41
Methacrylonitrile
Concen: 50.438 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

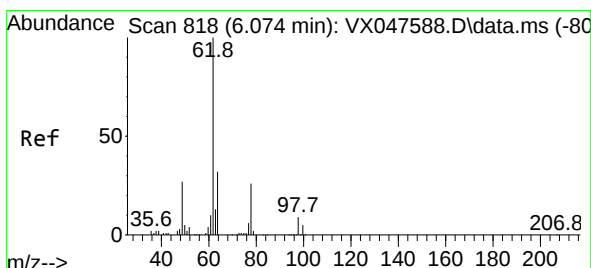
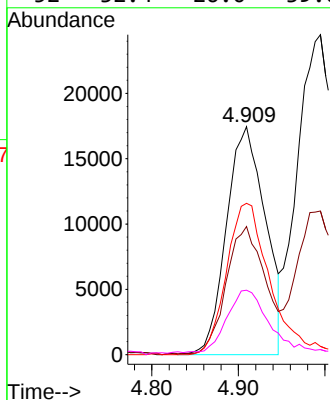
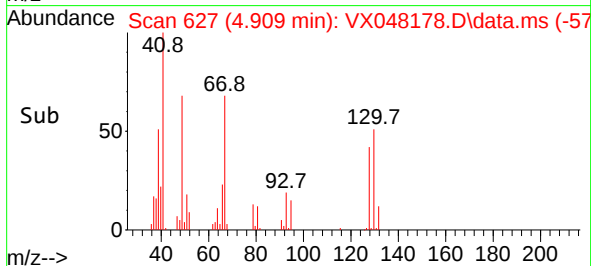
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 41 Resp: 54498
Ion Ratio Lower Upper
41 100
39 54.9 43.3 64.9
67 74.2 58.6 87.8
52 32.4 26.0 39.0

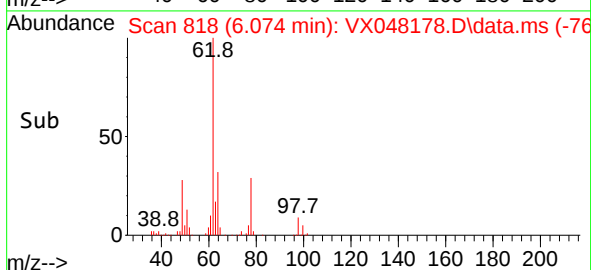
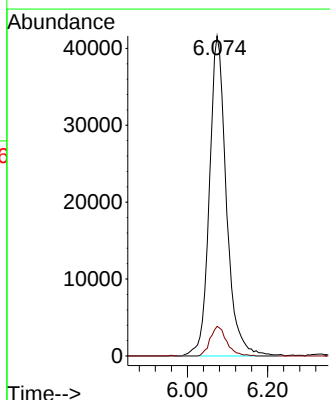
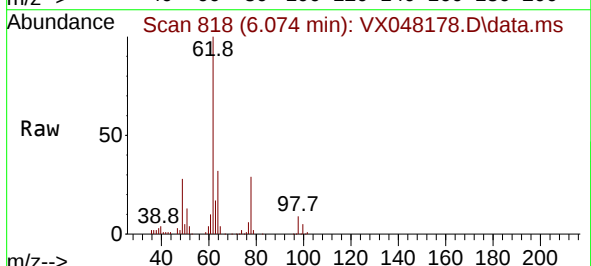
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 54.181 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 62 Resp: 122393
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





#43

Isopropyl Acetate

Concen: 38.874 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

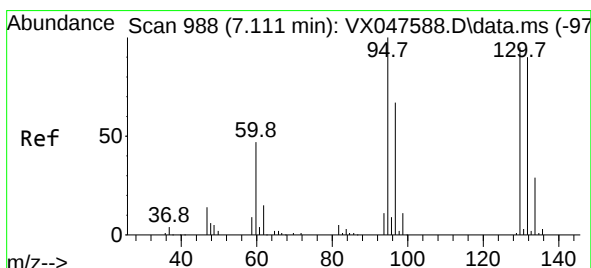
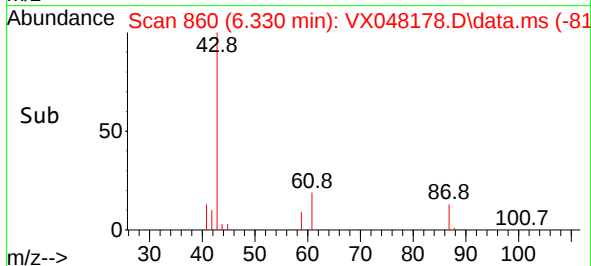
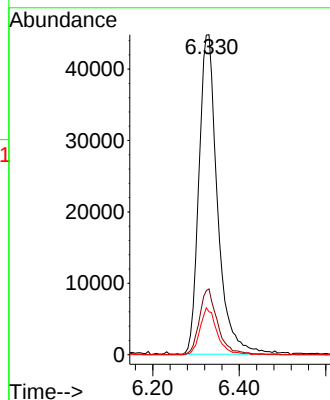
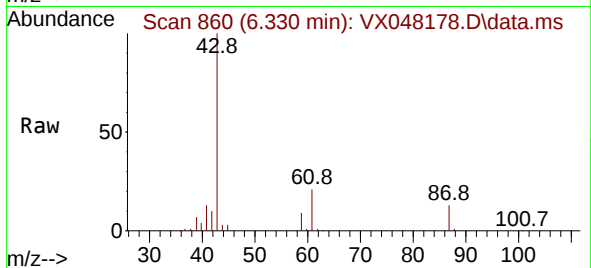
Tgt Ion:	43	Resp:	133438
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.2	22.8
87	13.5	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#44

Trichloroethene

Concen: 57.656 ug/l

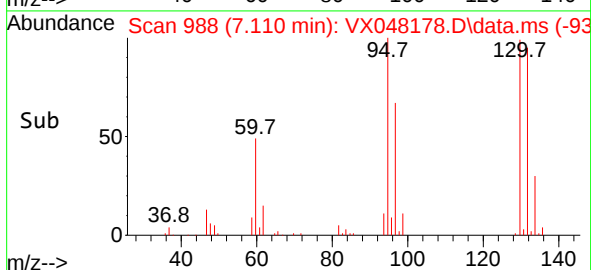
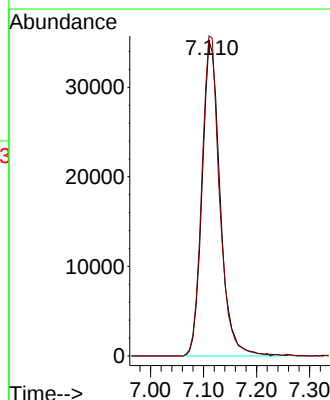
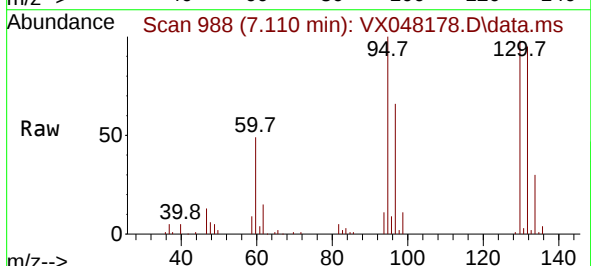
RT: 7.110 min Scan# 988

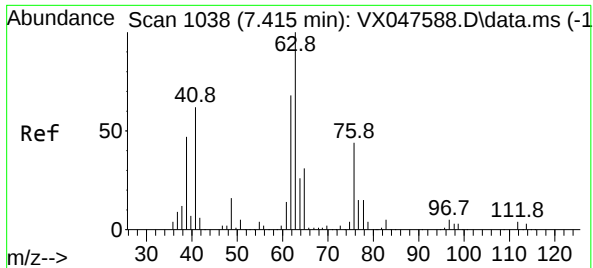
Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Tgt Ion:	130	Resp:	82756
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	210.8





#45

1,2-Dichloropropane

Concen: 49.809 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 63 Resp: 7572

Ion Ratio Lower Upper

63 100

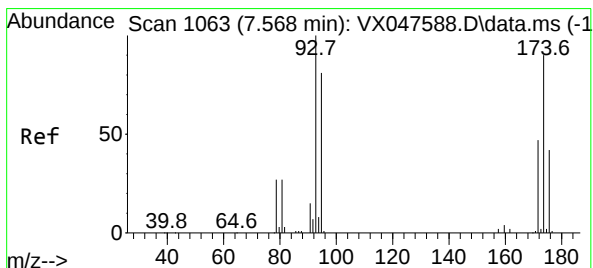
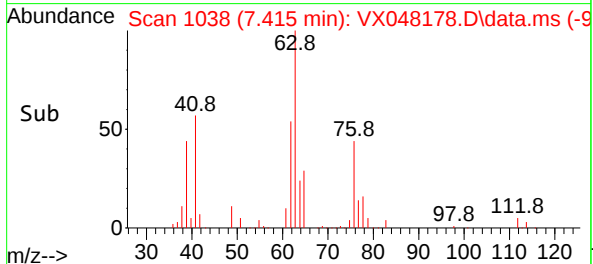
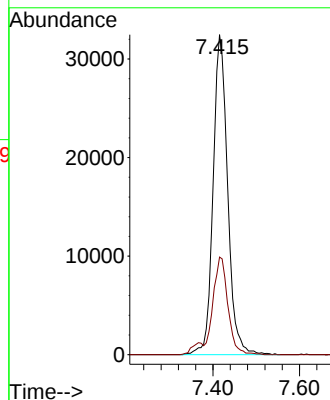
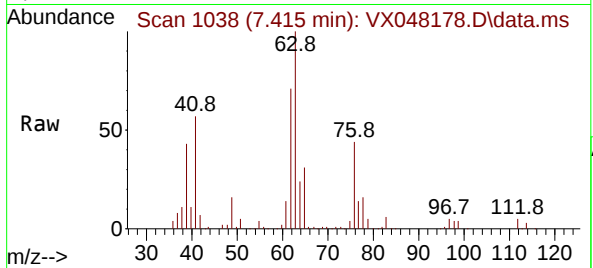
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 56.128 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

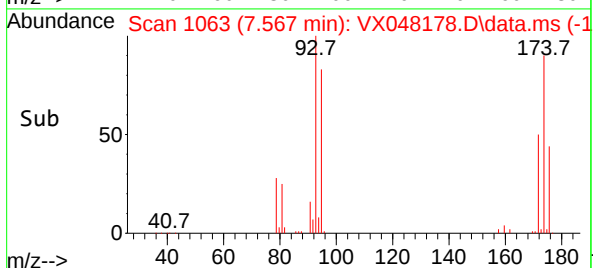
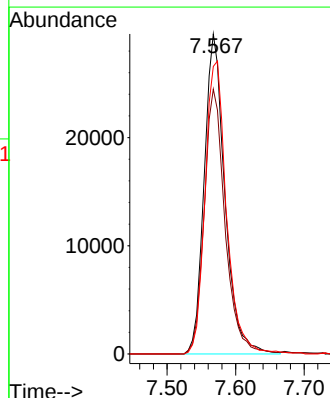
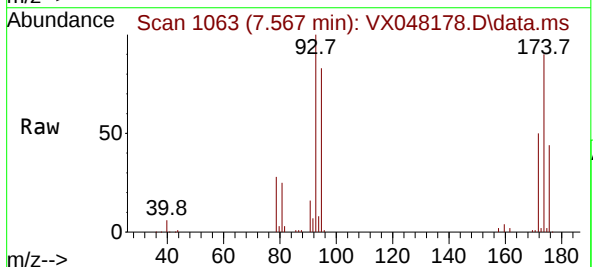
Tgt Ion: 93 Resp: 62094

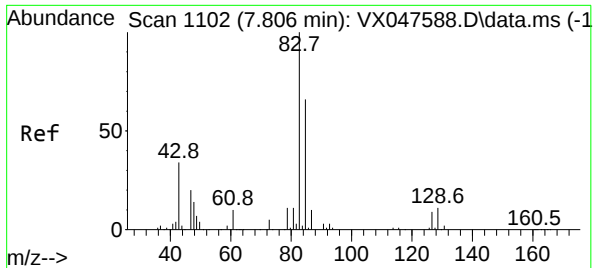
Ion Ratio Lower Upper

93 100

95 84.0 65.0 97.6

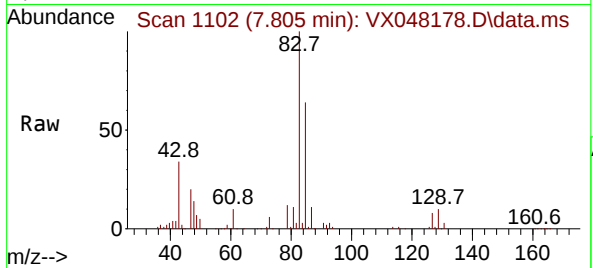
174 95.2 71.6 107.4





#47
Bromodichloromethane
Concen: 57.011 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

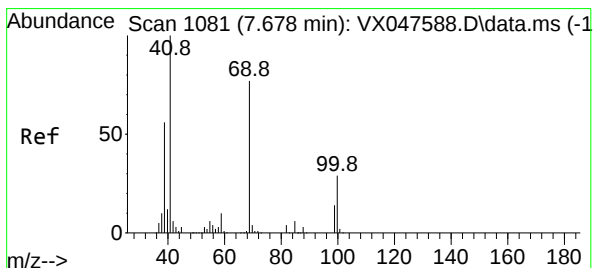
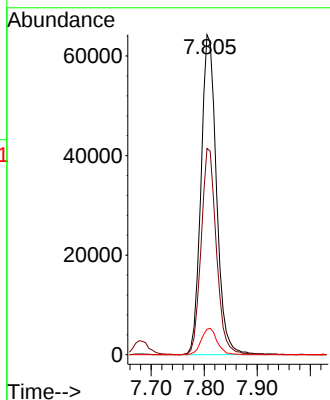
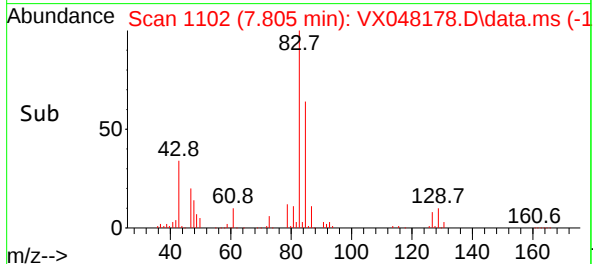
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 83 Resp: 130150
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 7.9 6.9 10.3

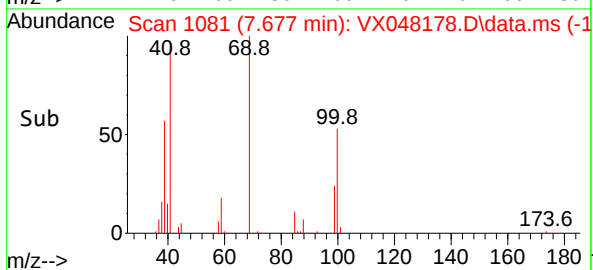
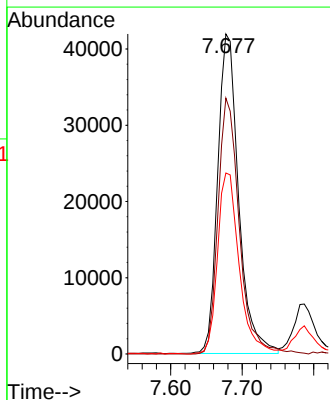
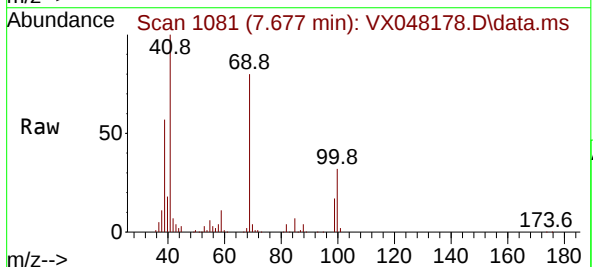
Manual Integrations
APPROVED

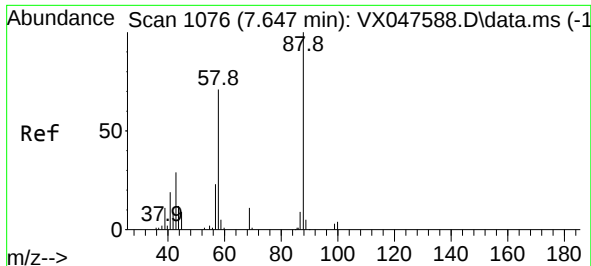
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 49.961 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 41 Resp: 85423
Ion Ratio Lower Upper
41 100
69 81.2 61.4 92.2
39 58.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1162.772 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

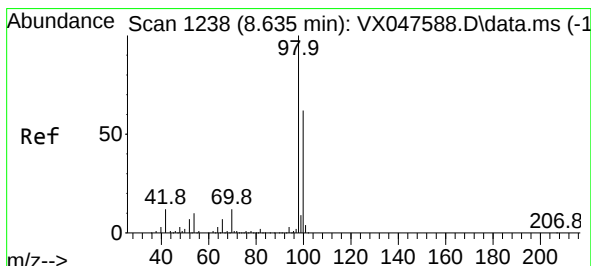
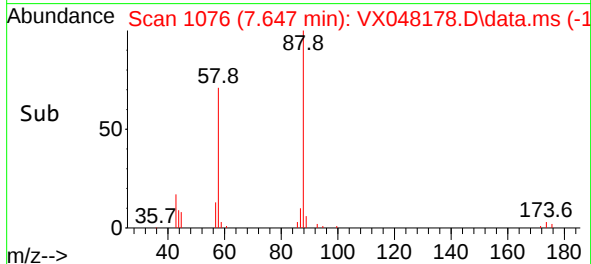
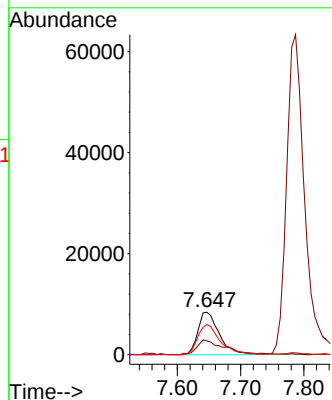
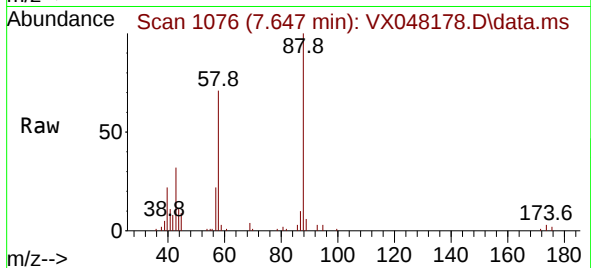
Tgt Ion: 88 Resp: 2092
 Ion Ratio Lower Upper
 88 100
 43 42.5 30.2 45.2
 58 73.6 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#50

Toluene-d8

Concen: 46.195 ug/l

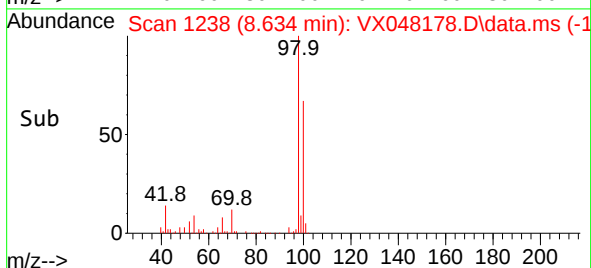
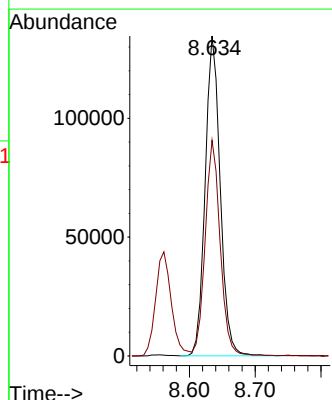
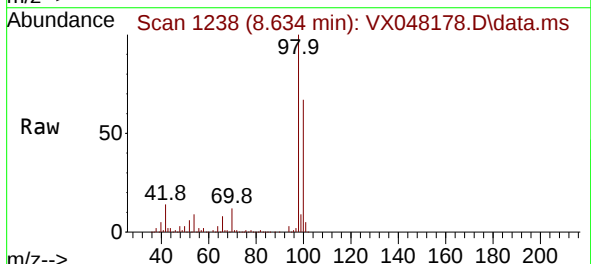
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

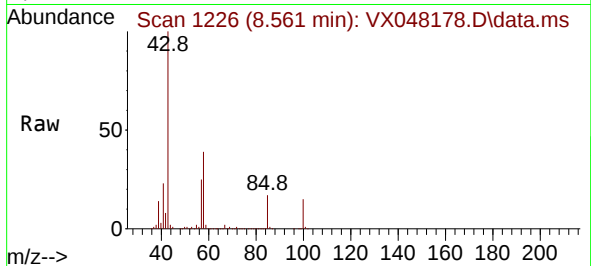
Tgt Ion: 98 Resp: 213826
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 263.191 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

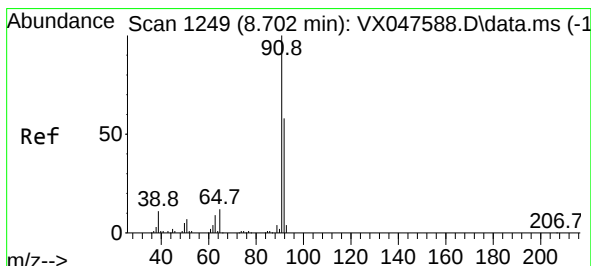
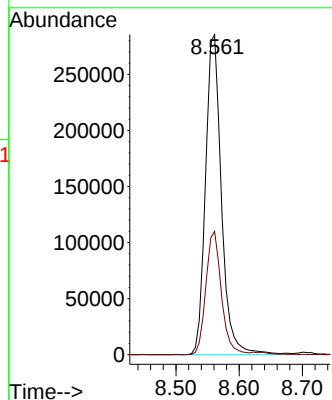
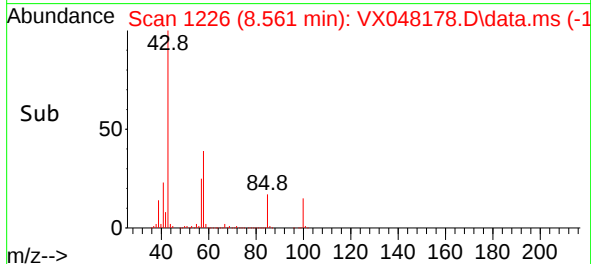
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



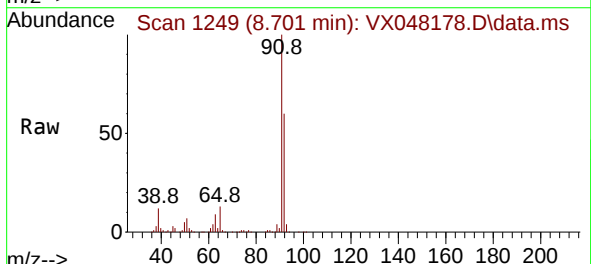
Tgt Ion: 43 Resp: 500898
Ion Ratio Lower Upper
43 100
58 37.5 30.3 45.5

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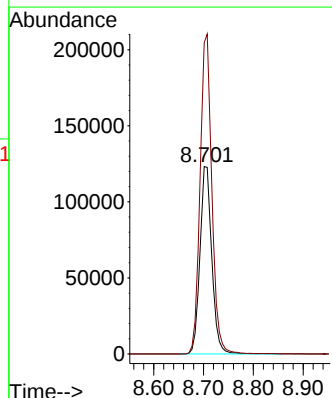
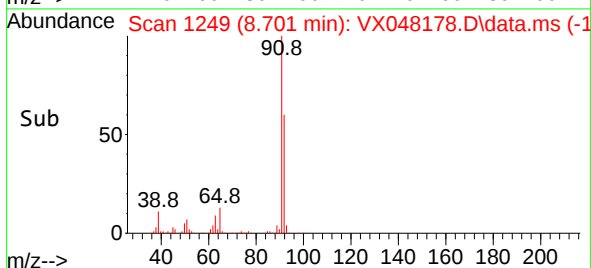
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

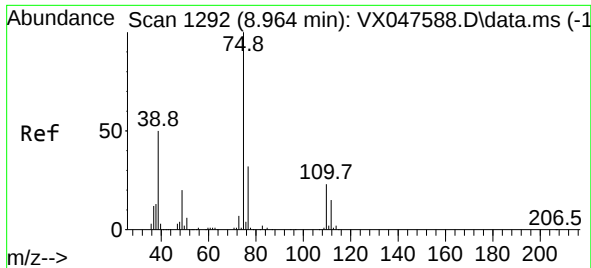


#52
Toluene
Concen: 55.435 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



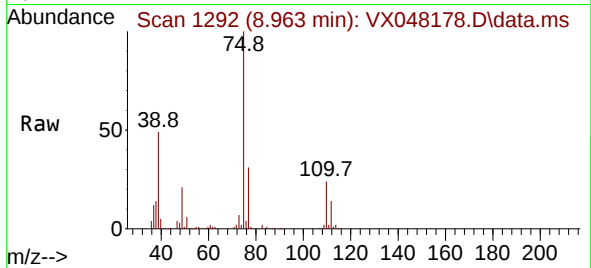
Tgt Ion: 92 Resp: 202770
Ion Ratio Lower Upper
92 100
91 169.6 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 53.003 ug/l
RT: 8.963 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

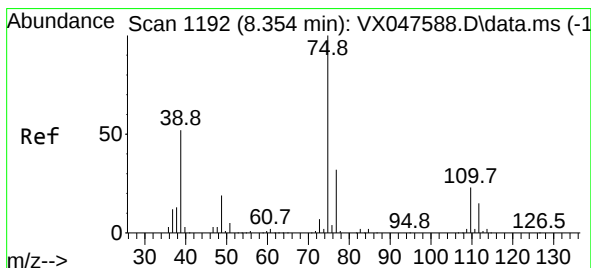
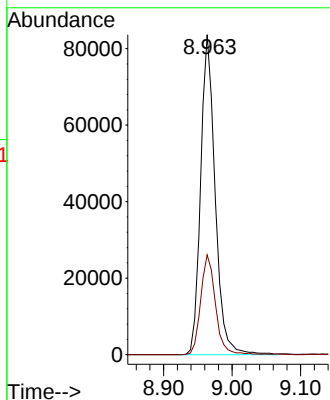
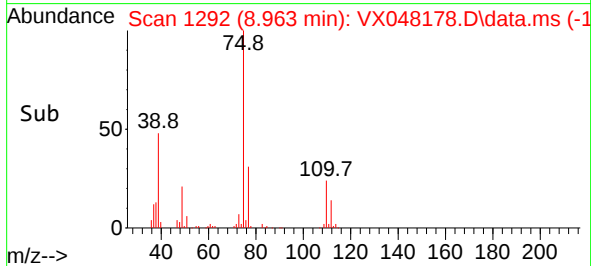
Instrument : MSVOA_X
ClientSampleId : MW-219MSD



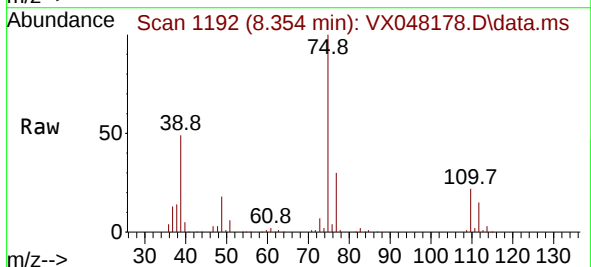
Tgt Ion: 75 Resp: 123420
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

Manual Integrations
APPROVED

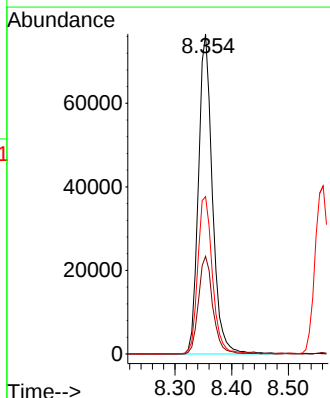
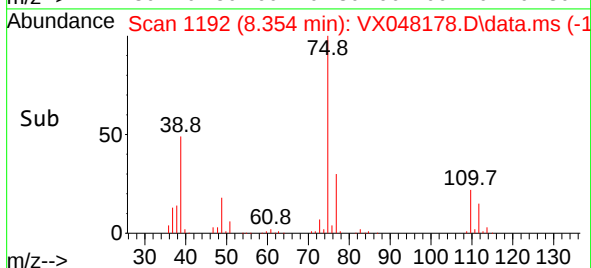
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#54
cis-1,3-Dichloropropene
Concen: 52.706 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



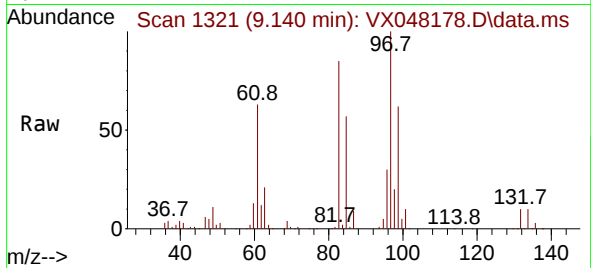
Tgt Ion: 75 Resp: 131179
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
39 49.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 55.142 ug/l
RT: 9.140 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

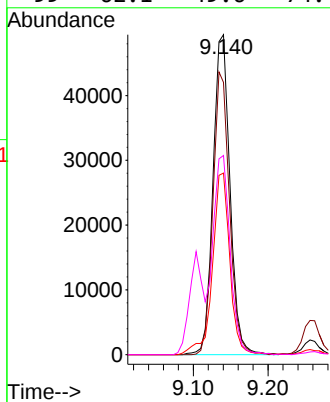
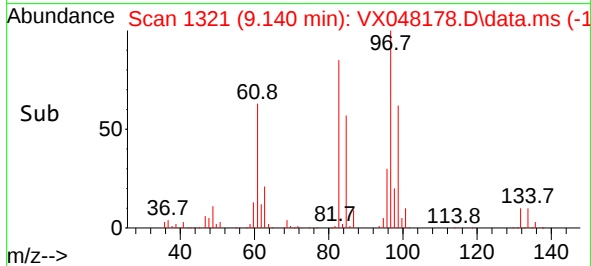
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



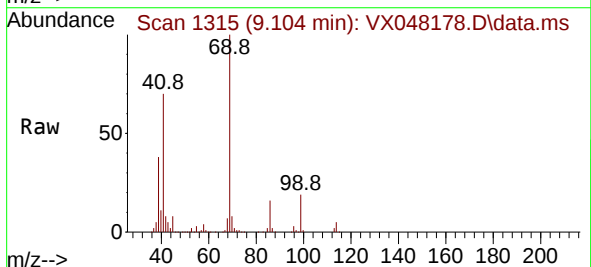
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.6	104.4
85	56.7	45.0	67.6
99	62.1	49.6	74.4

Manual Integrations
APPROVED

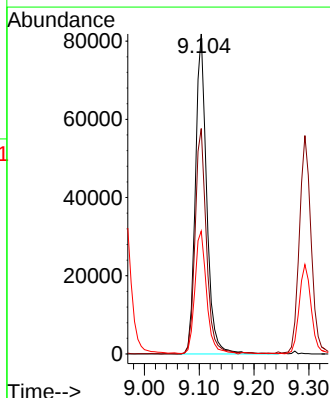
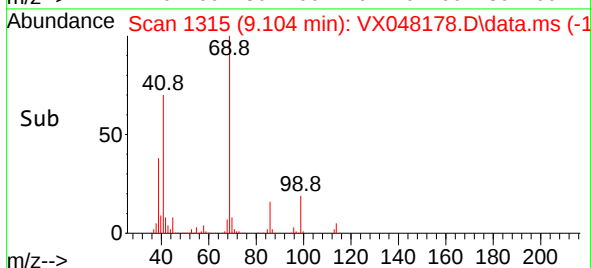
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#56
Ethyl methacrylate
Concen: 53.033 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



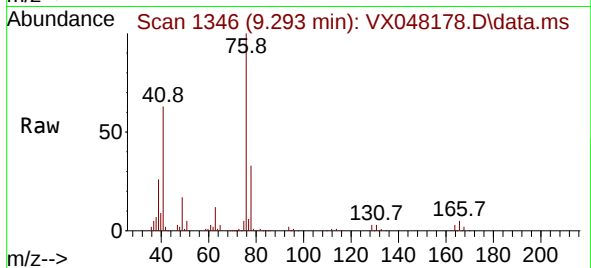
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.6	87.8
39	40.1	31.5	47.3





#57
1,3-Dichloropropane
Concen: 55.020 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

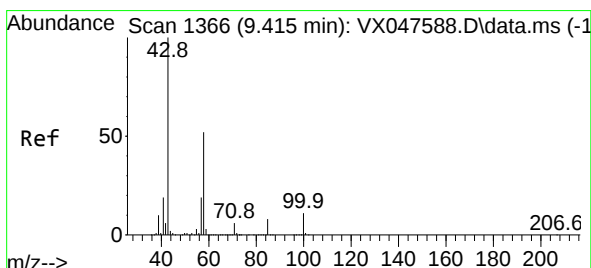
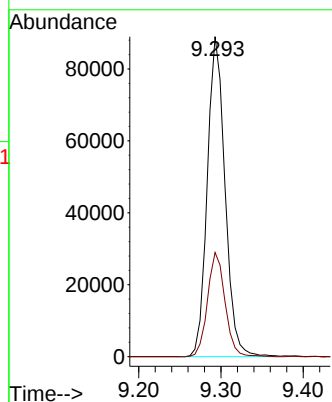
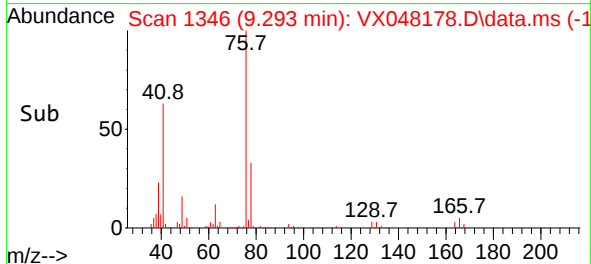
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



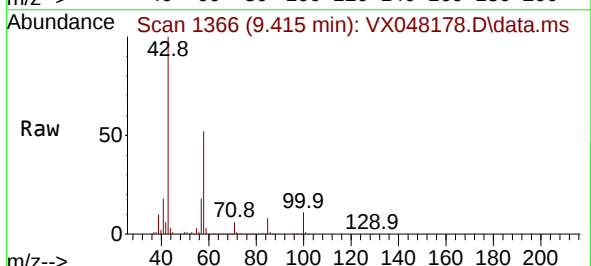
Tgt Ion: 76 Resp: 133308
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
APPROVED

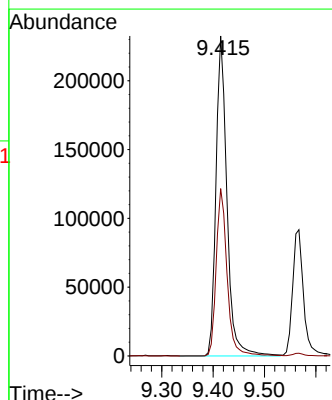
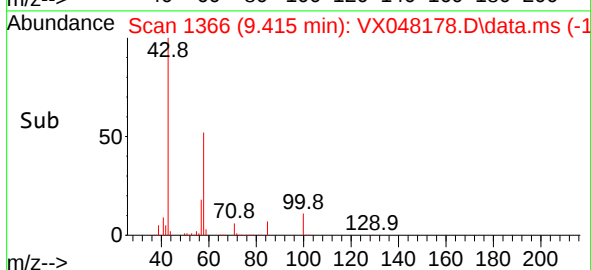
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

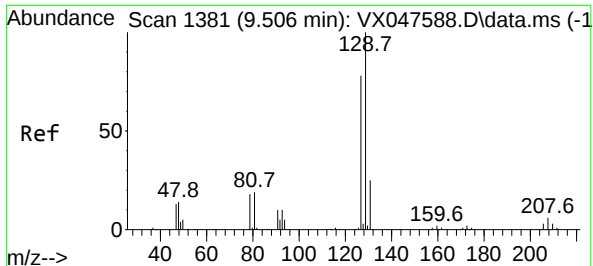


#59
2-Hexanone
Concen: 252.433 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



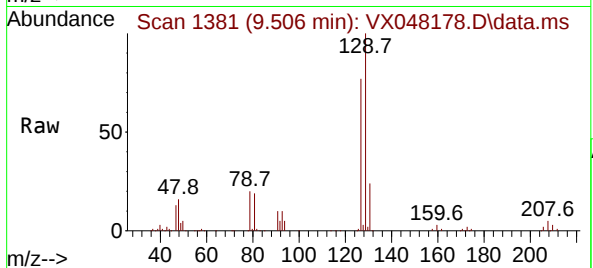
Tgt Ion: 43 Resp: 345041
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.2





#60
Dibromochloromethane
Concen: 58.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

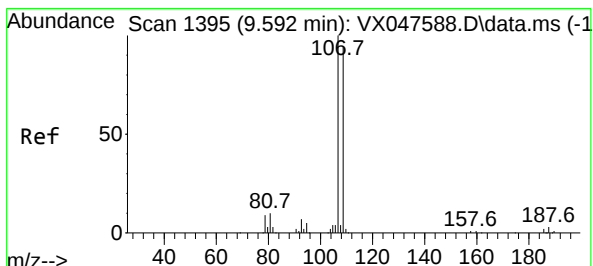
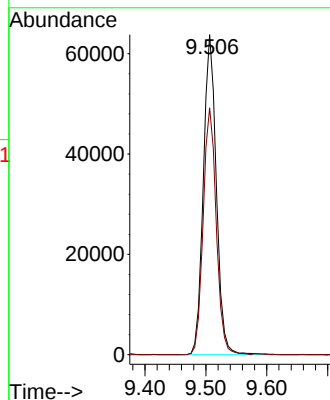
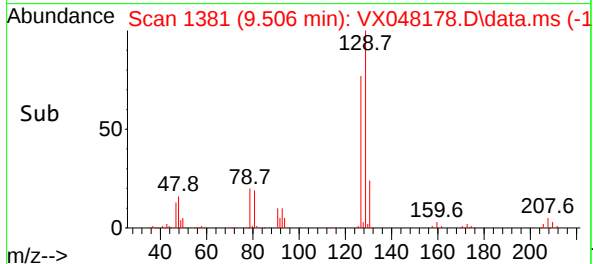
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:129 Resp: 9445
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

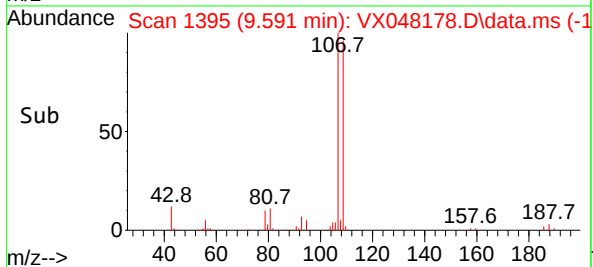
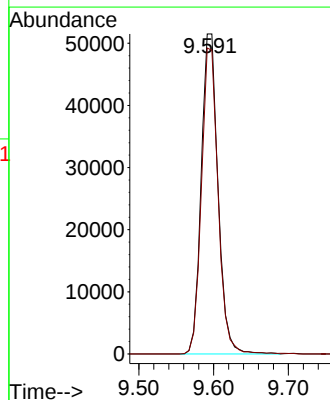
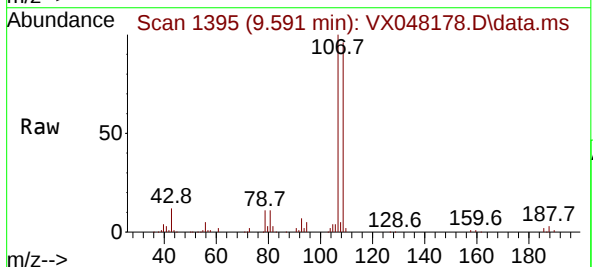
Manual Integrations
APPROVED

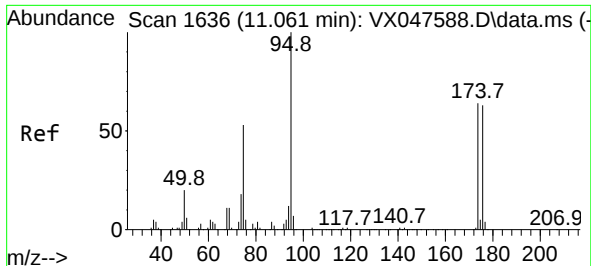
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#61
1,2-Dibromoethane
Concen: 55.942 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:107 Resp: 80365
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9





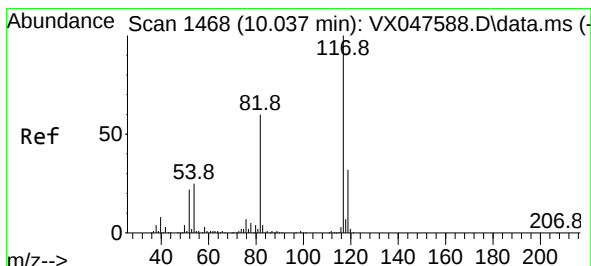
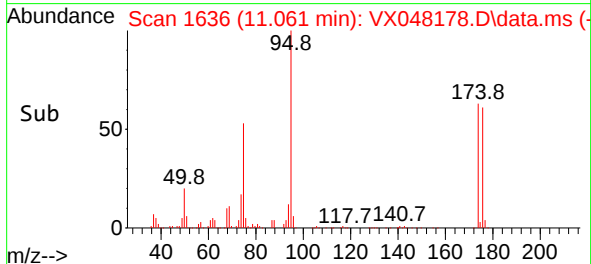
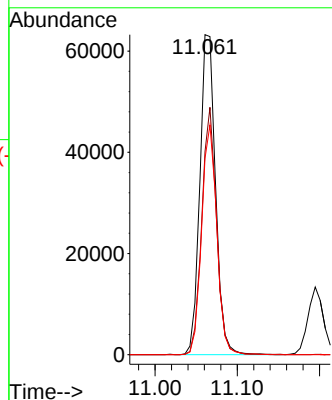
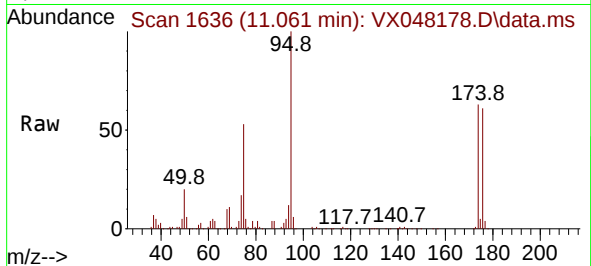
#62
4-Bromofluorobenzene
Concen: 47.750 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 95 Resp: 8388
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 69.3 0.0 138.4

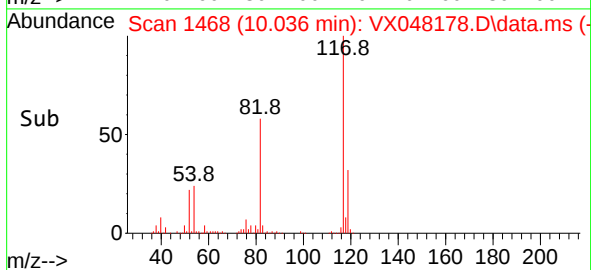
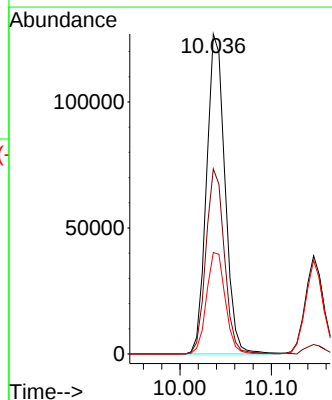
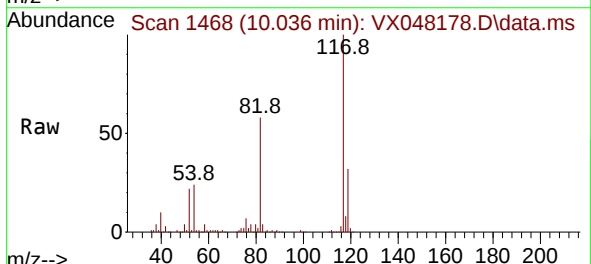
Manual Integrations
APPROVED

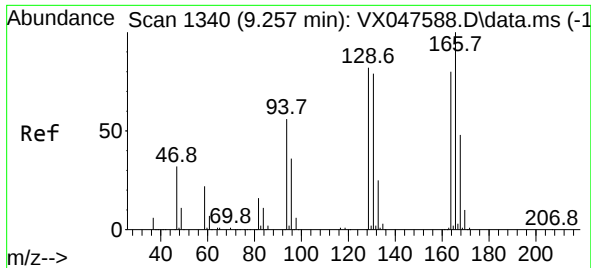
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

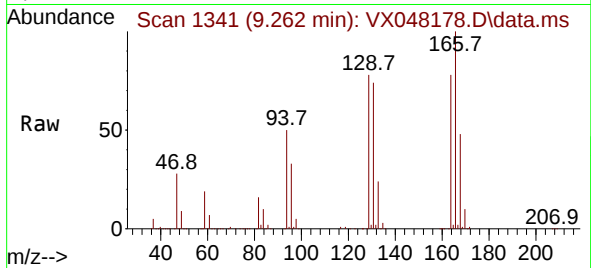
Tgt Ion:117 Resp: 178364
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 31.7 25.2 37.8





#64
Tetrachloroethene
Concen: 284.902 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

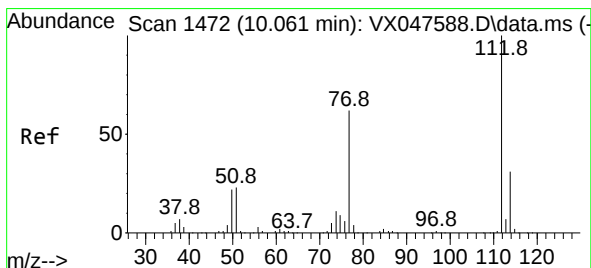
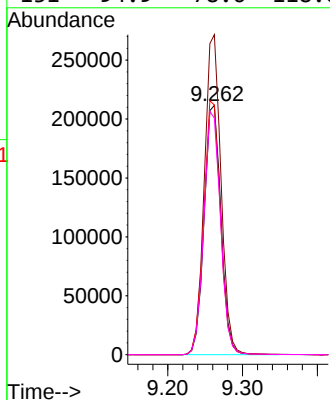
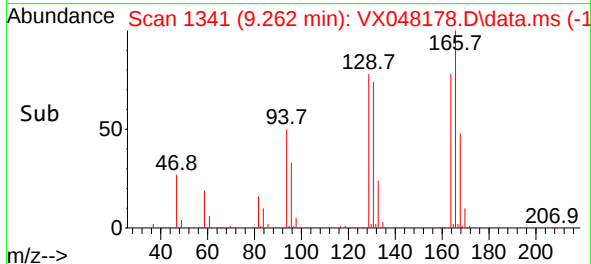
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:164 Resp: 331269
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 100.2 81.8 122.6
131 94.9 78.6 118.0

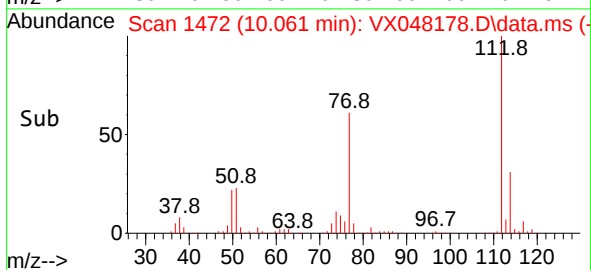
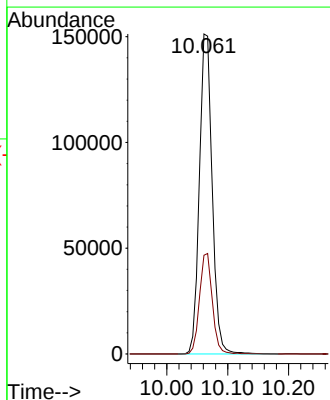
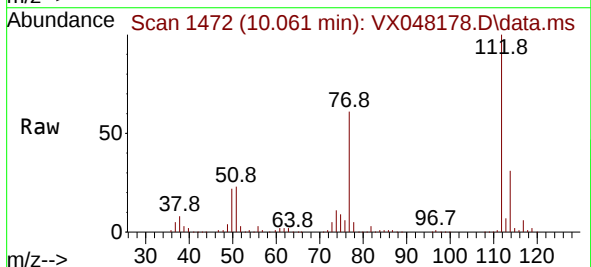
Manual Integrations
APPROVED

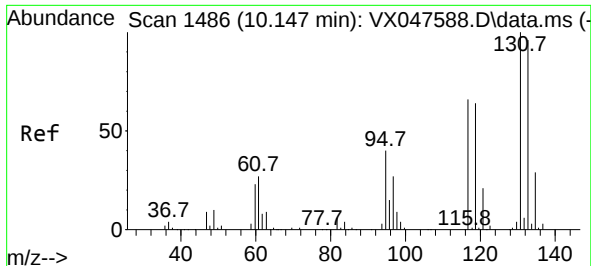
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#65
Chlorobenzene
Concen: 54.374 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

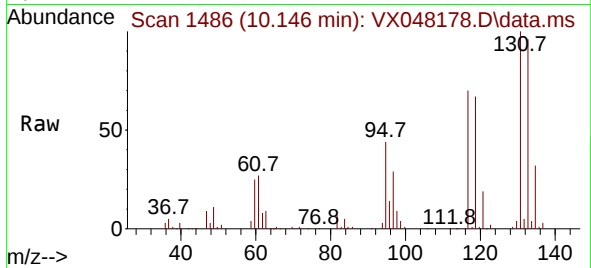
Tgt Ion:112 Resp: 220328
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7





#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.734 ug/l
 RT: 10.146 min Scan# 1486
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

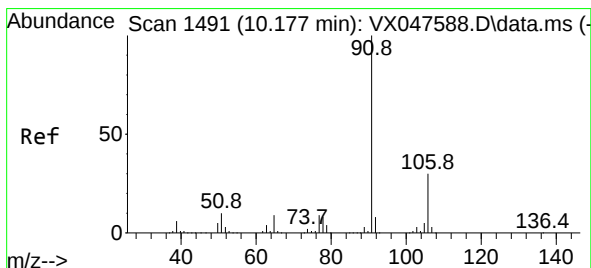
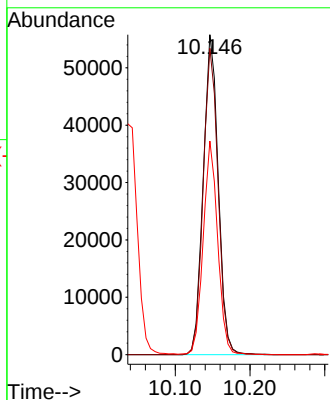
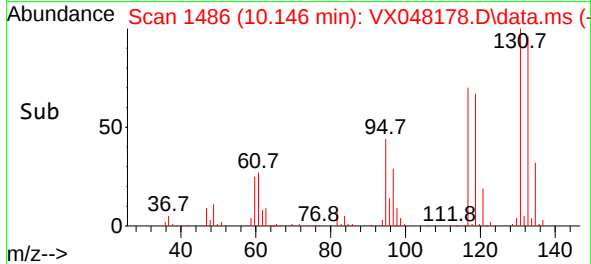
Instrument : MSVOA_X
 ClientSampleId : MW-219MSD



Tgt Ion:131 Resp: 7793
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.3 142.0
 119 64.5 32.0 96.0

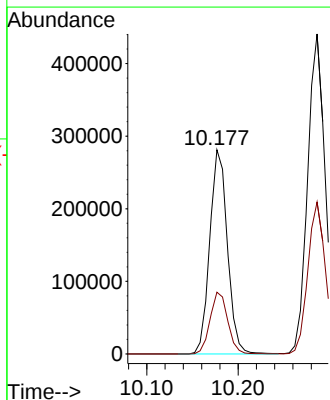
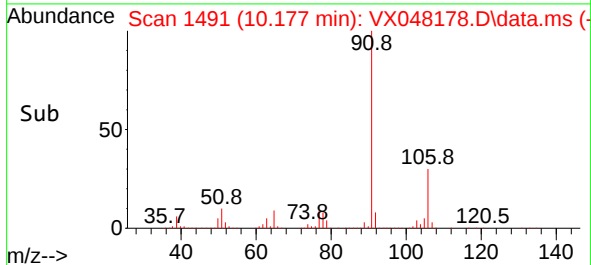
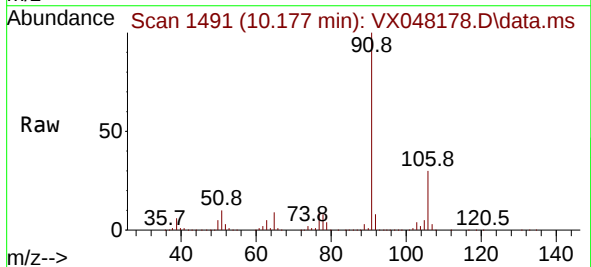
Manual Integrations
 APPROVED

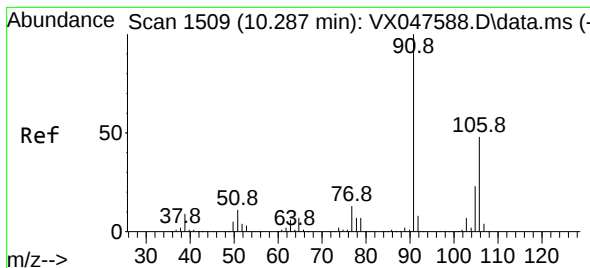
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#67
 Ethyl Benzene
 Concen: 53.805 ug/l
 RT: 10.177 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 376181
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.3 36.5





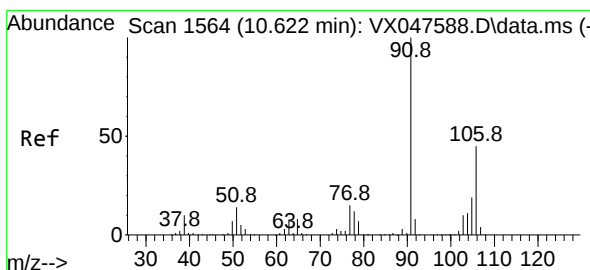
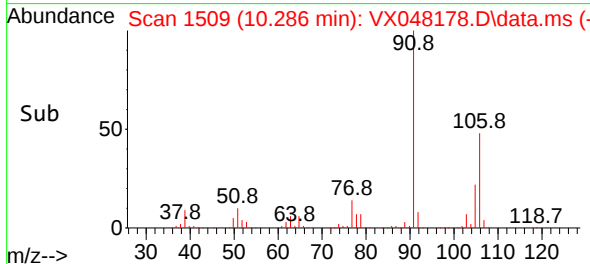
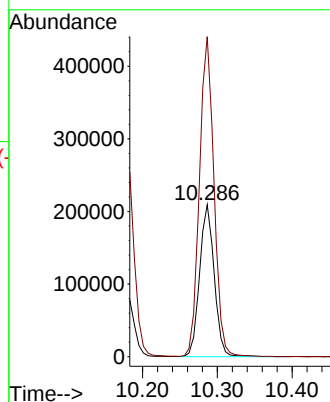
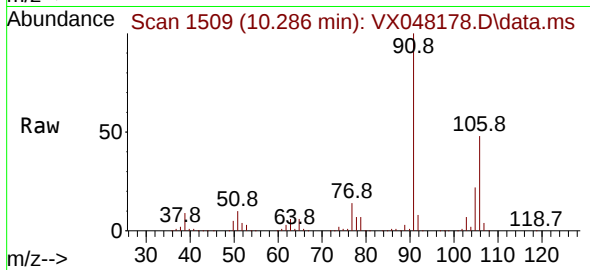
#68
m/p-Xylenes
Concen: 108.744 ug/l
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion:106 Resp: 282980
Ion Ratio Lower Upper
106 100
91 211.0 167.8 251.8

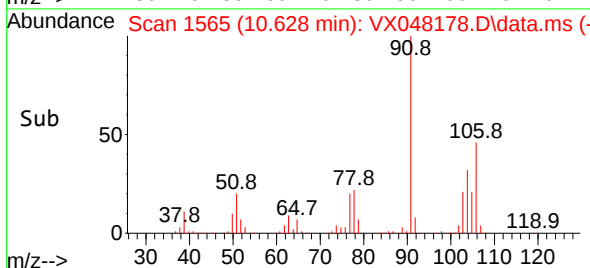
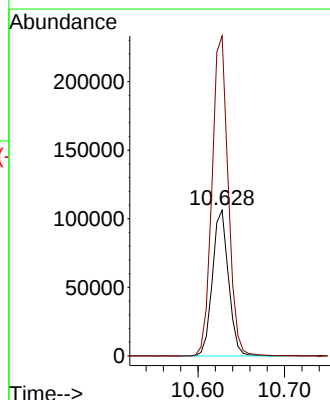
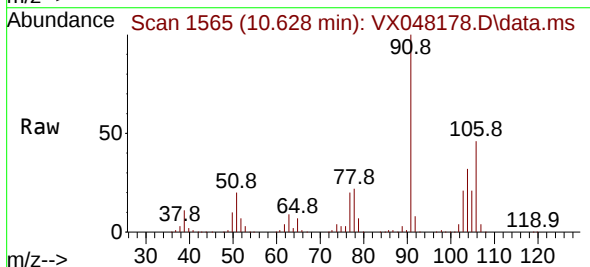
Manual Integrations
APPROVED

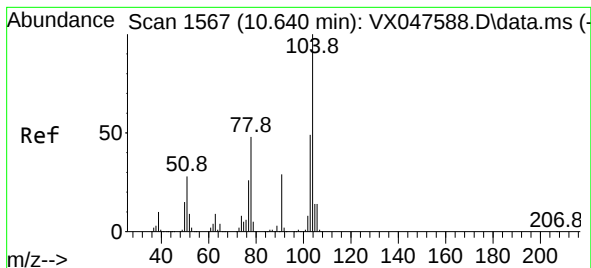
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#69
o-Xylene
Concen: 54.309 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:106 Resp: 136699
Ion Ratio Lower Upper
106 100
91 221.8 111.1 333.4





#70

Styrene

Concen: 54.280 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

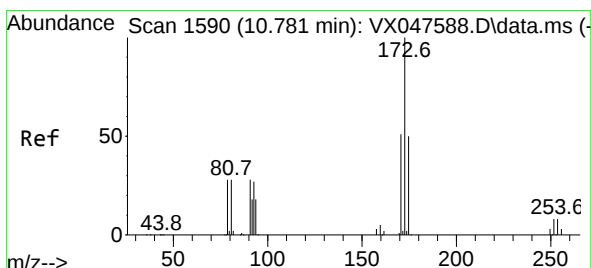
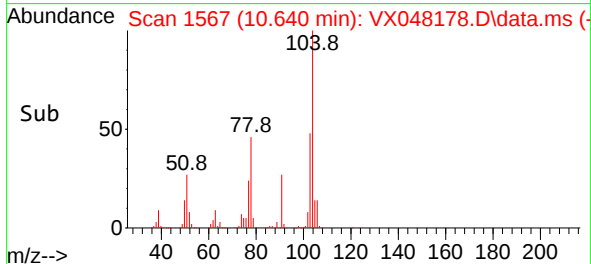
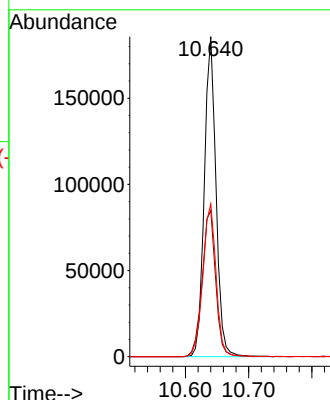
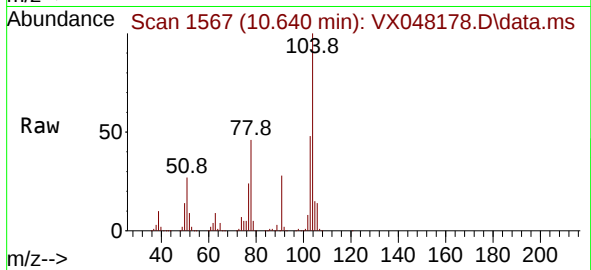
Tgt Ion:	104	Resp:	23939
Ion Ratio	Lower	Upper	
104	100		
78	52.8	43.1	64.7
103	53.9	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#71

Bromoform

Concen: 59.590 ug/l

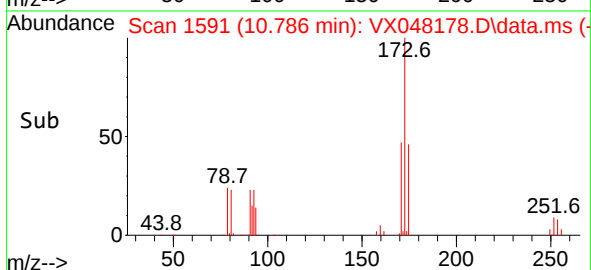
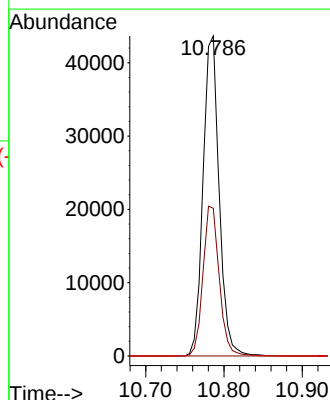
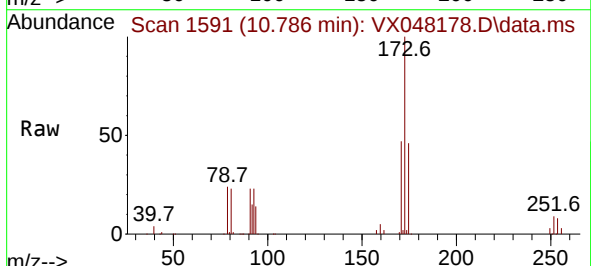
RT: 10.786 min Scan# 1591

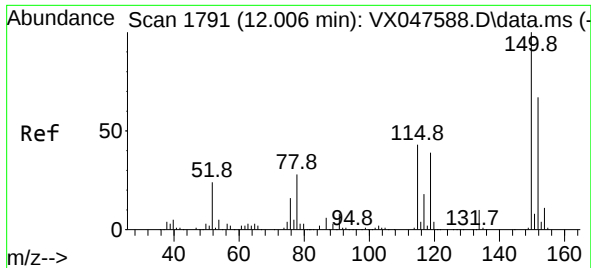
Delta R.T. 0.006 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

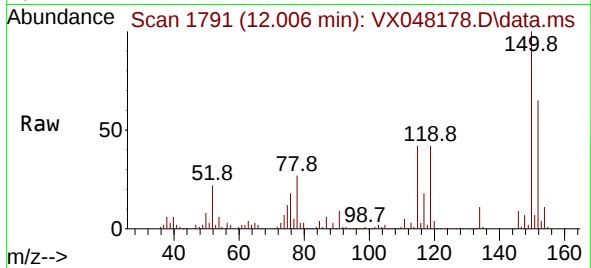
Tgt Ion:	173	Resp:	62216
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.9	74.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

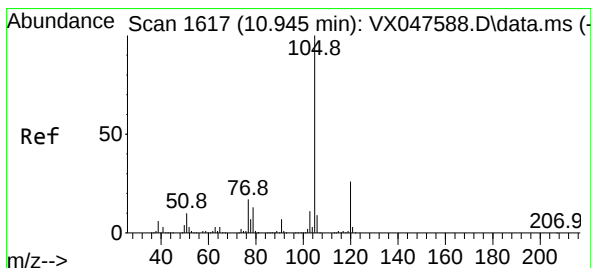
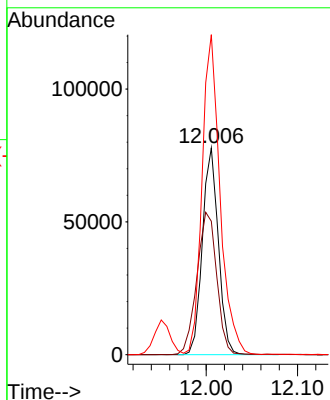
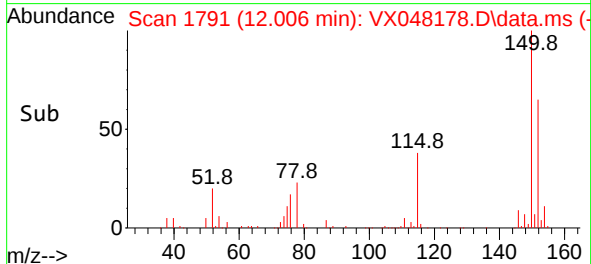
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



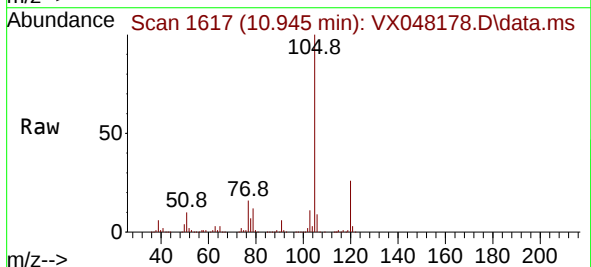
Tgt Ion:152 Resp: 9429
Ion Ratio Lower Upper
152 100
115 86.0 44.9 134.5
150 174.0 0.0 352.0

Manual Integrations
APPROVED

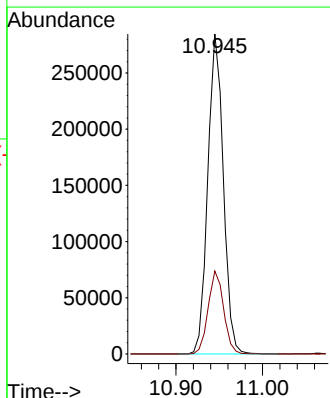
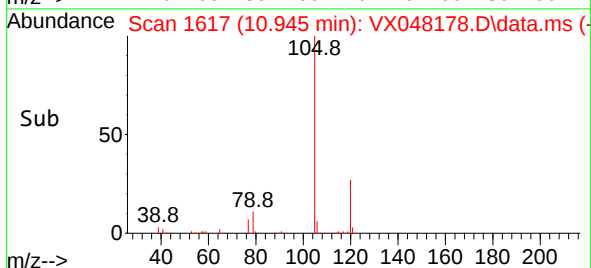
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

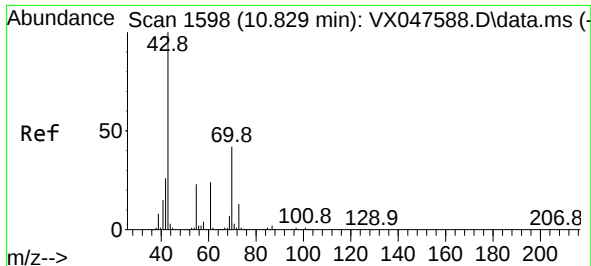


#73
Isopropylbenzene
Concen: 49.471 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



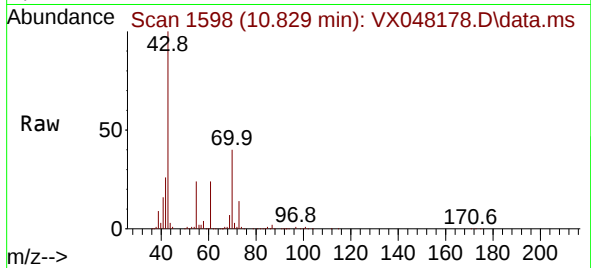
Tgt Ion:105 Resp: 354640
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4





#74
N-amy1 acetate
Concen: 42.932 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

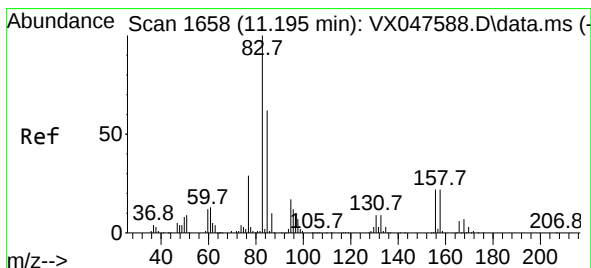
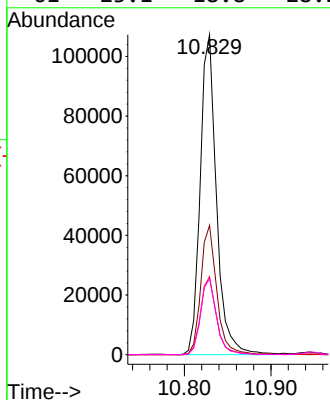
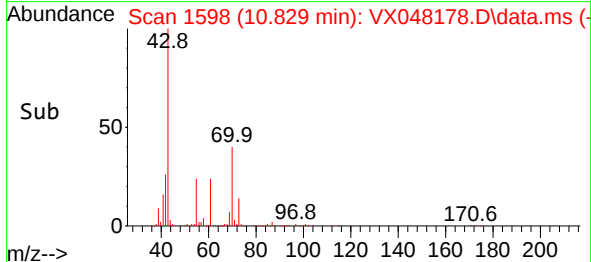
Instrument : MSVOA_X
ClientSampleId : MW-219MSD



Tgt Ion:	43	Resp:	14034
Ion Ratio	Lower	Upper	
43	100		
70	39.8	32.0	48.0
55	24.0	18.9	28.3
61	23.1	18.8	28.2

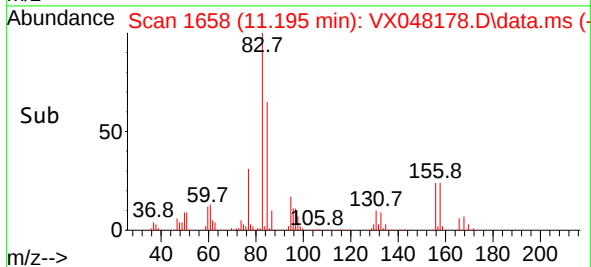
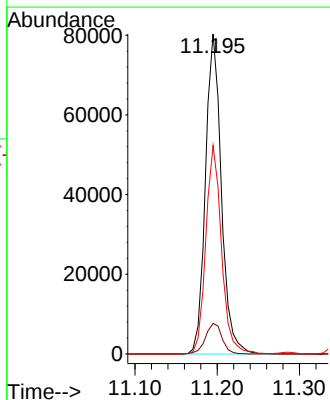
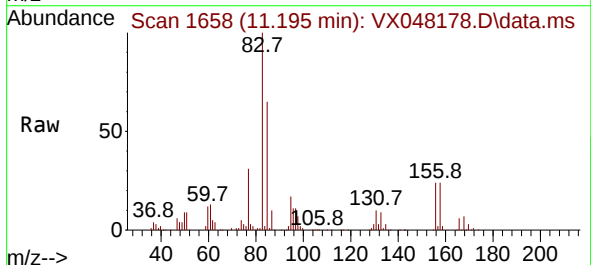
Manual Integrations
APPROVED

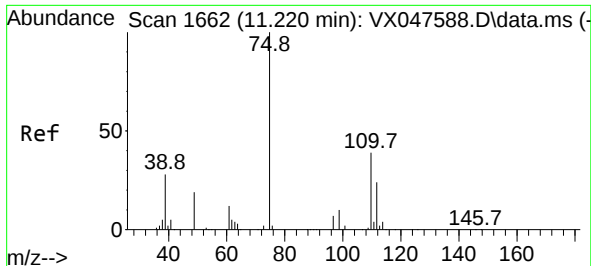
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 49.767 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

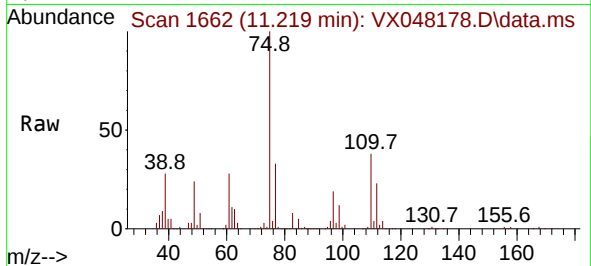
Tgt Ion:	83	Resp:	107937
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.3	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 49.619 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

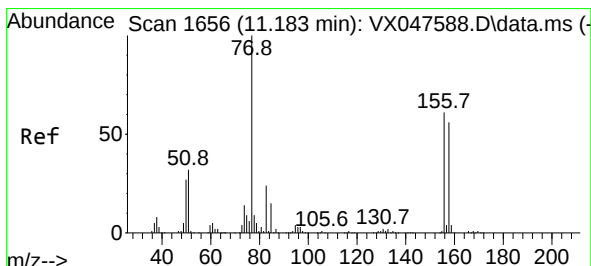
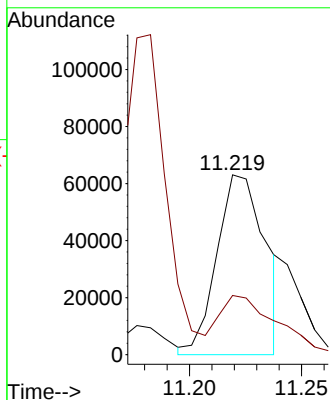
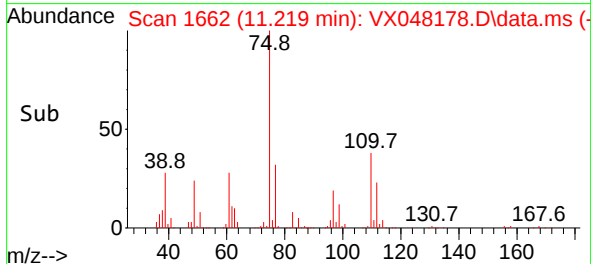
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



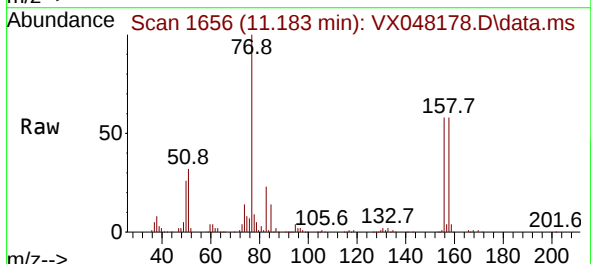
Tgt Ion: 75 Resp: 9472
Ion Ratio Lower Upper
75 100
77 39.5 18.8 56.4

Manual Integrations
APPROVED

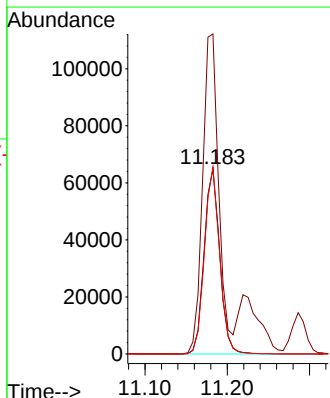
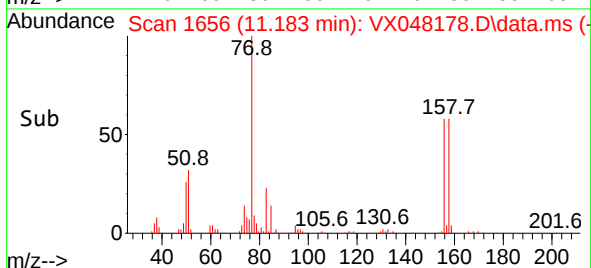
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

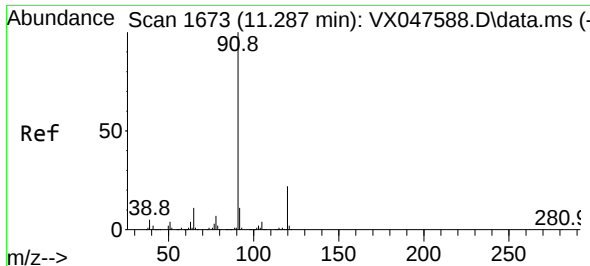


#77
Bromobenzene
Concen: 48.497 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



Tgt Ion:156 Resp: 85625
Ion Ratio Lower Upper
156 100
77 178.1 89.7 269.1
158 98.5 47.9 143.6





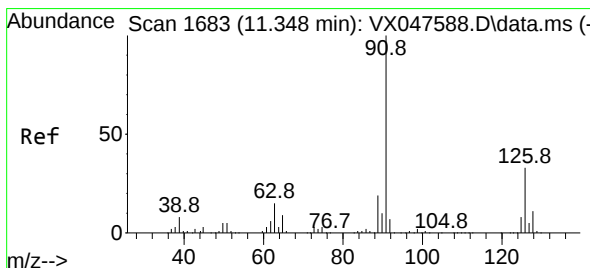
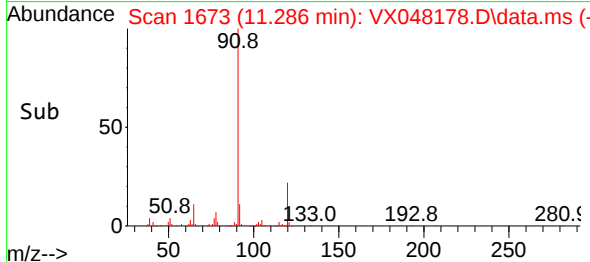
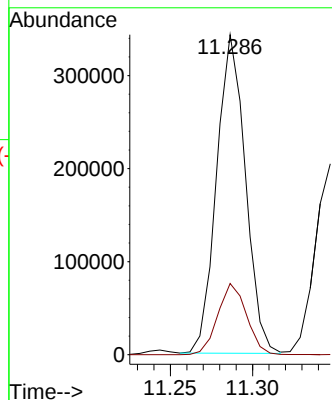
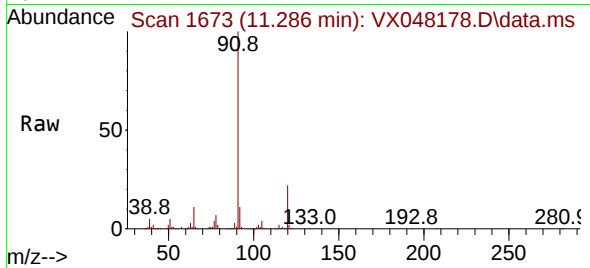
#78
n-propylbenzene
Concen: 49.228 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 91 Resp: 41717
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1

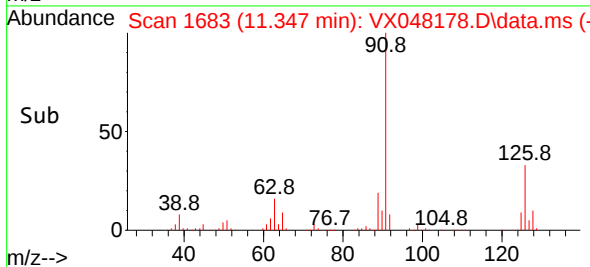
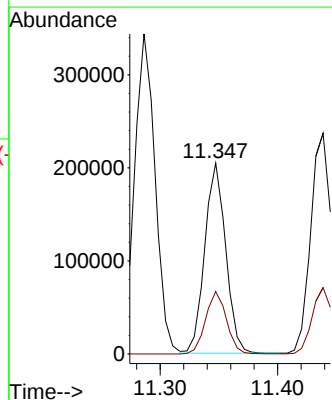
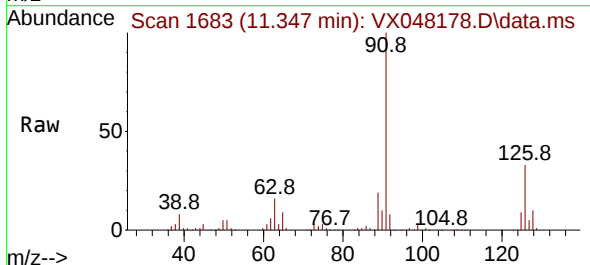
Manual Integrations
APPROVED

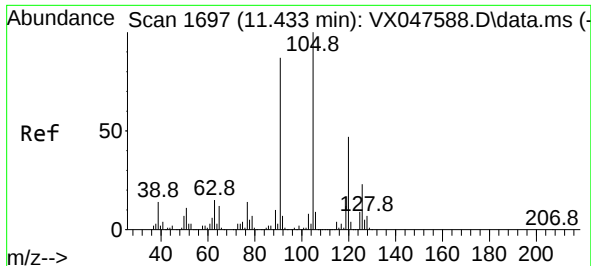
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#79
2-Chlorotoluene
Concen: 48.750 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

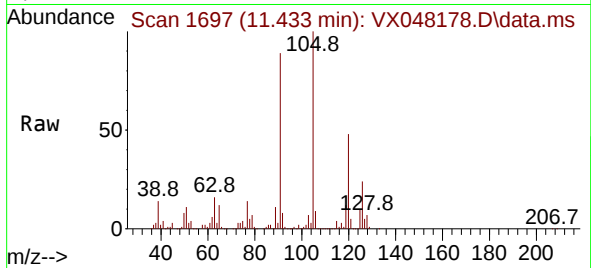
Tgt Ion: 91 Resp: 253026
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3





#80
1,3,5-Trimethylbenzene
Concen: 49.530 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

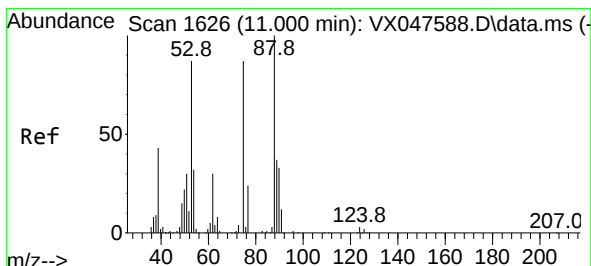
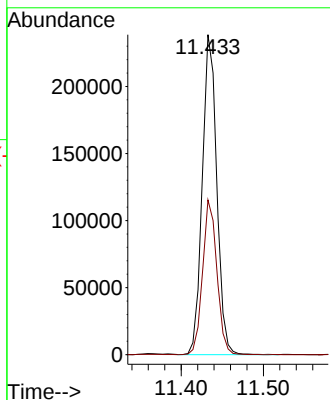
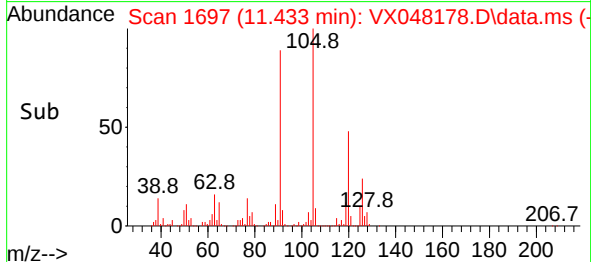
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:105 Resp: 291714
Ion Ratio Lower Upper
105 100
120 47.7 23.6 70.8

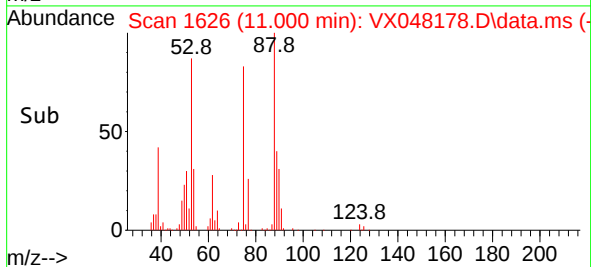
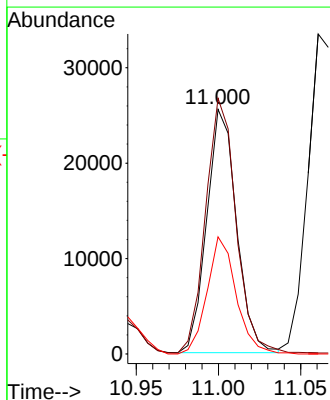
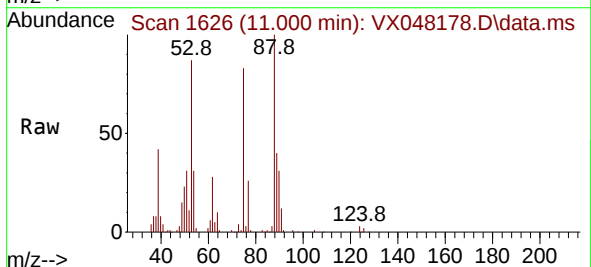
Manual Integrations
APPROVED

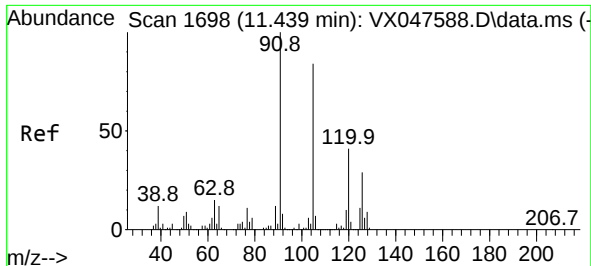
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 42.851 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 32079
Ion Ratio Lower Upper
75 100
53 108.6 83.4 125.2
89 47.1 36.3 54.5





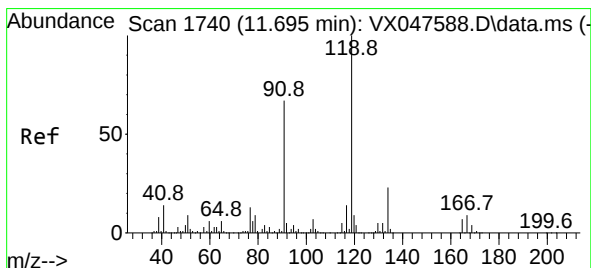
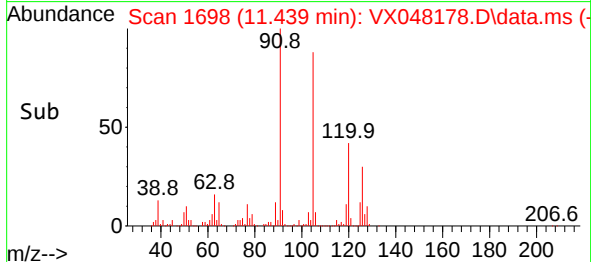
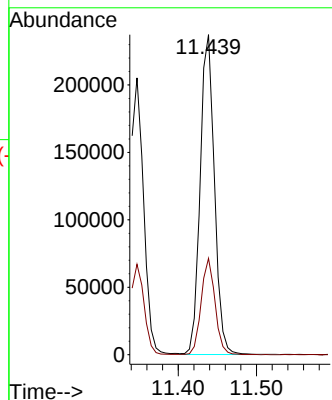
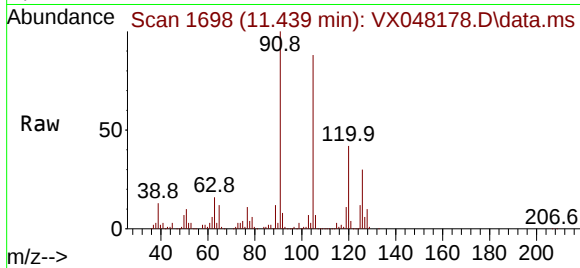
#82
4-Chlorotoluene
Concen: 49.012 ug/l
RT: 11.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 91 Resp: 30044
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6

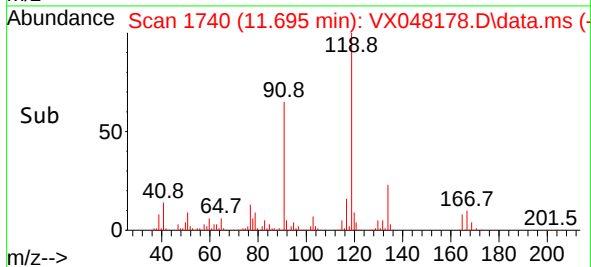
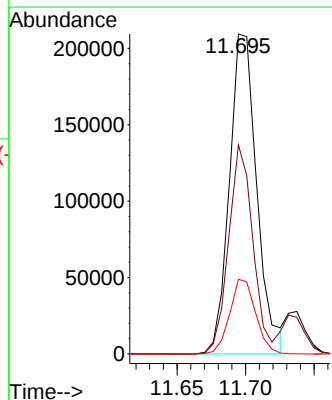
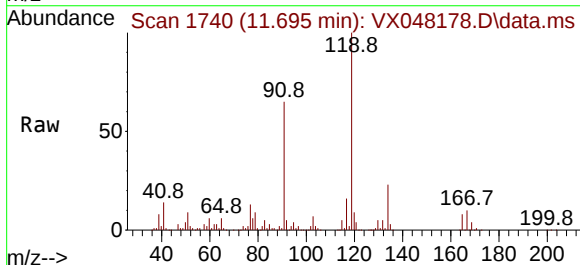
Manual Integrations
APPROVED

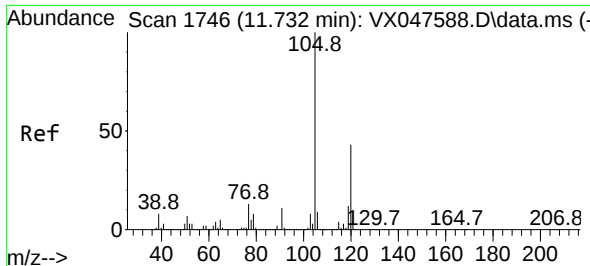
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#83
tert-Butylbenzene
Concen: 48.384 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

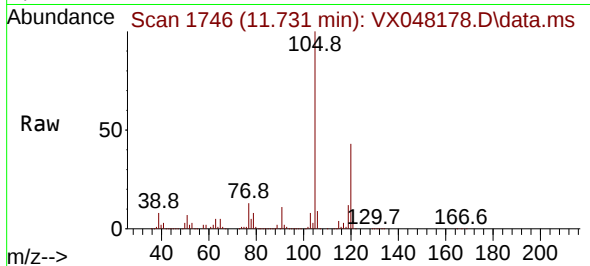
Tgt Ion:119 Resp: 291710
Ion Ratio Lower Upper
119 100
91 57.8 29.6 88.8
134 22.2 11.0 33.0





#84
1,2,4-Trimethylbenzene
Concen: 49.489 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

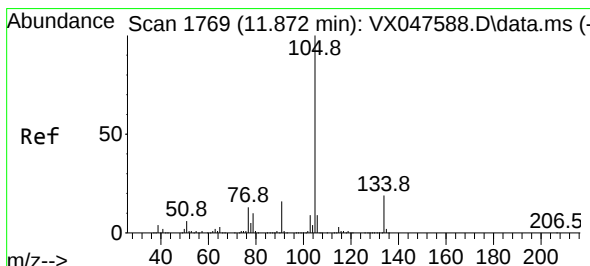
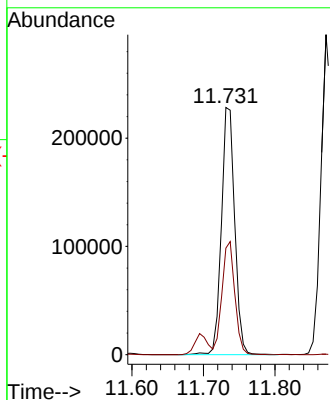
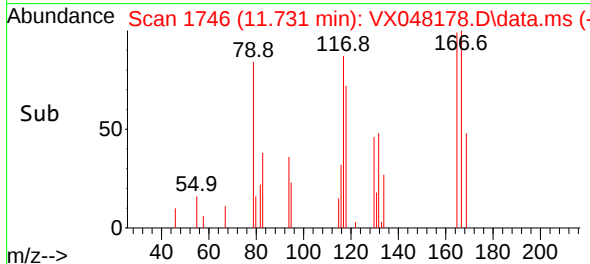
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



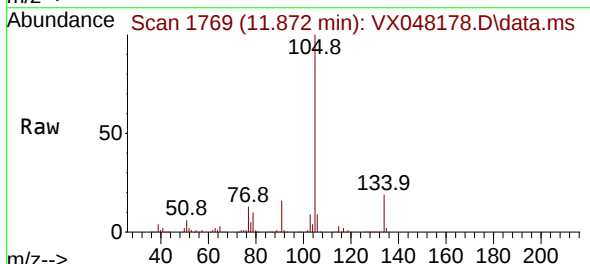
Tgt Ion:105 Resp: 295508
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1

Manual Integrations
APPROVED

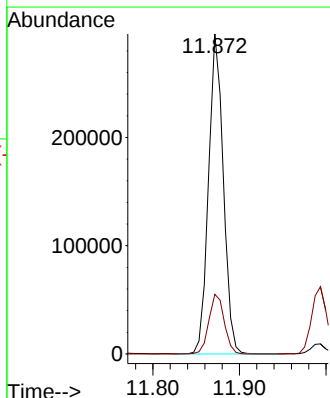
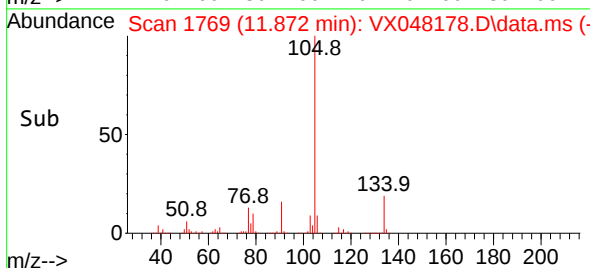
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

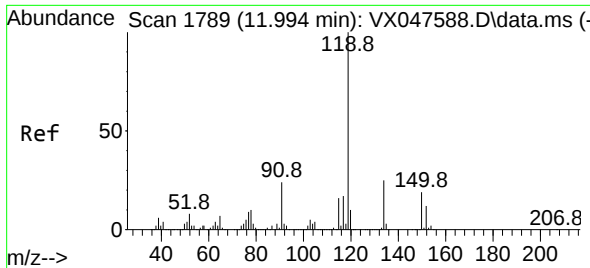


#85
sec-Butylbenzene
Concen: 48.949 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



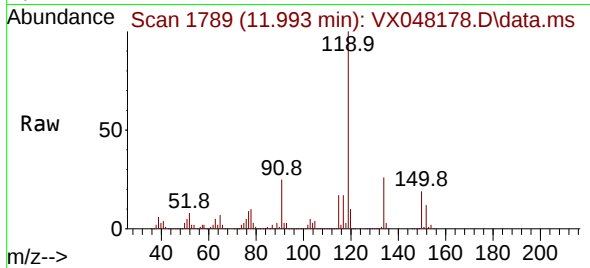
Tgt Ion:105 Resp: 350539
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.5





#86
 p-Isopropyltoluene
 Concen: 48.500 ug/l
 RT: 11.993 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

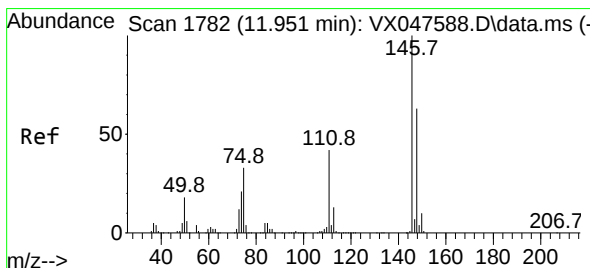
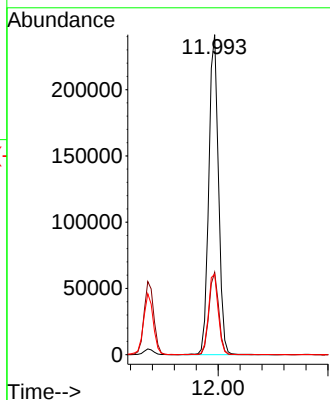
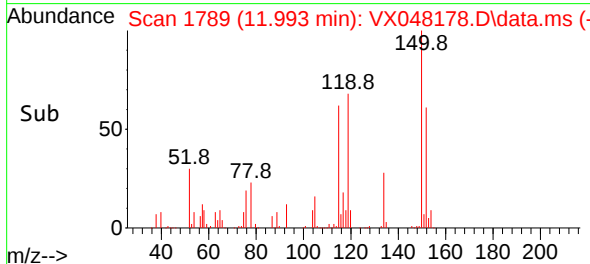
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD



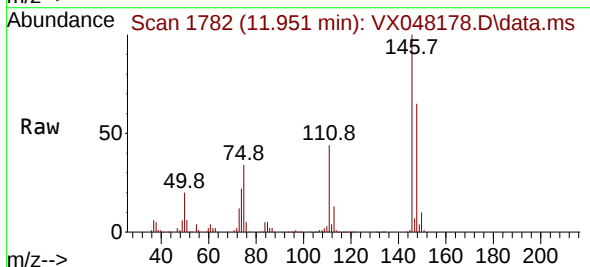
Tgt Ion:119 Resp: 294049
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.5 12.6 37.6

Manual Integrations
 APPROVED

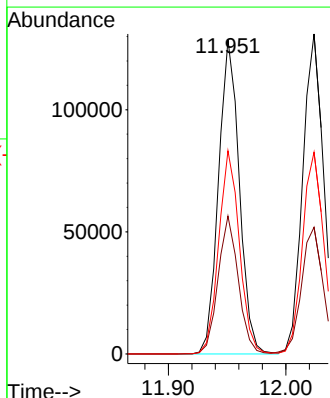
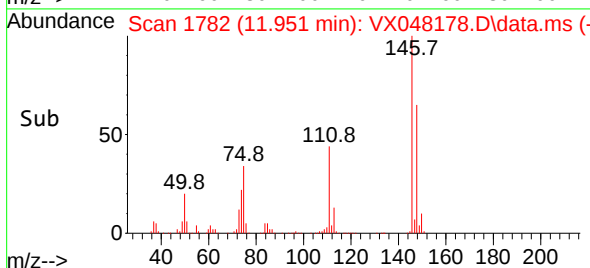
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

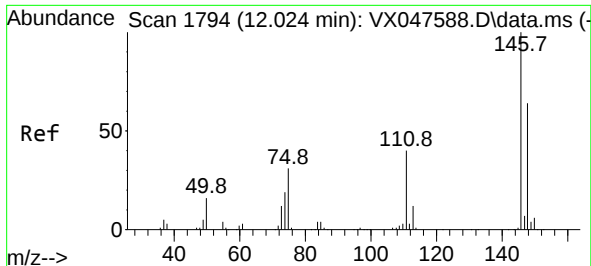


#87
 1,3-Dichlorobenzene
 Concen: 48.257 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20



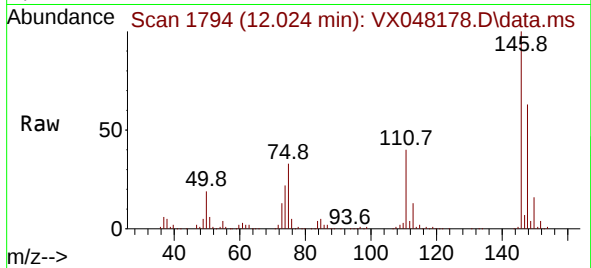
Tgt Ion:146 Resp: 158253
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 48.397 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

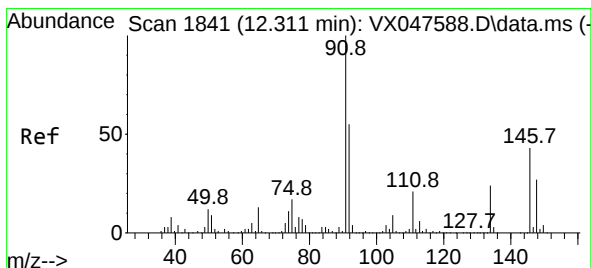
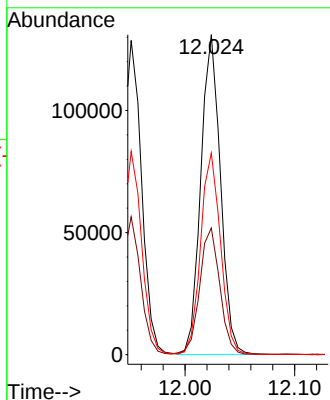
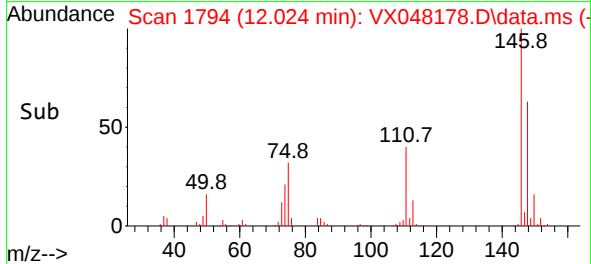
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



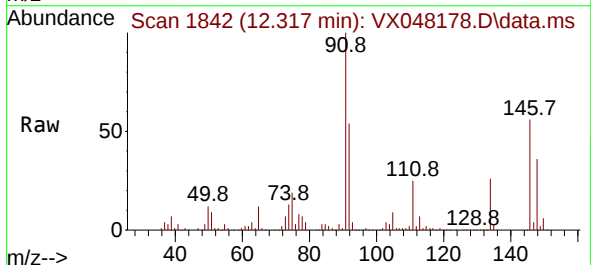
Tgt Ion:146 Resp: 162895
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.4
148 64.3 31.7 95.1

Manual Integrations
APPROVED

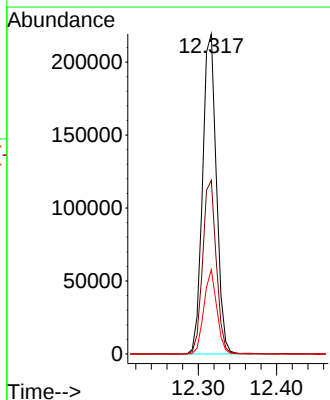
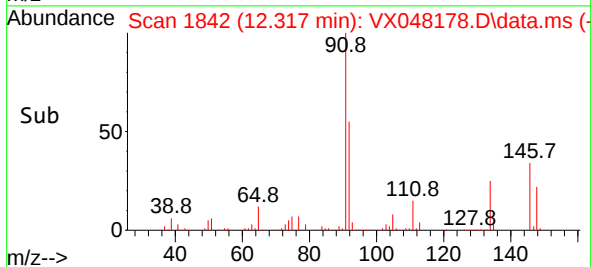
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

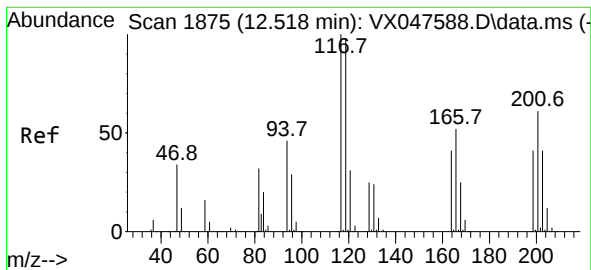


#89
n-Butylbenzene
Concen: 47.846 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



Tgt Ion: 91 Resp: 268412
Ion Ratio Lower Upper
91 100
92 53.6 27.6 82.7
134 24.5 12.6 37.8





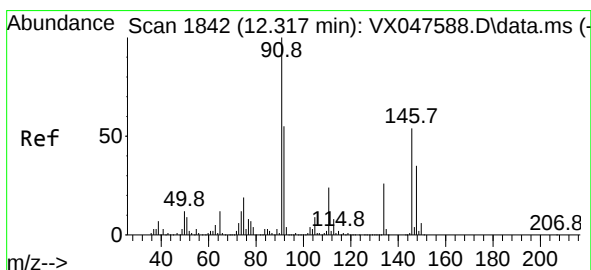
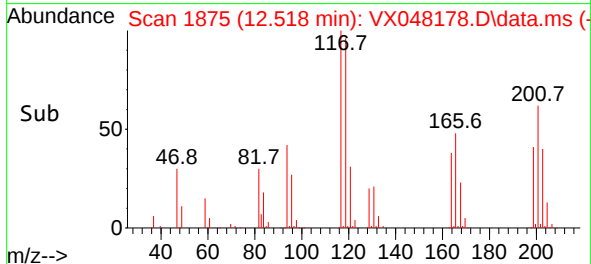
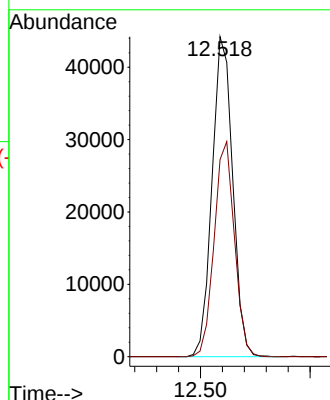
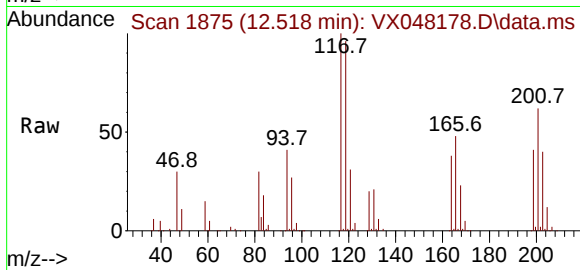
#90
Hexachloroethane
Concen: 54.253 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion:117 Resp: 57749
Ion Ratio Lower Upper
117 100
201 66.2 34.2 102.5

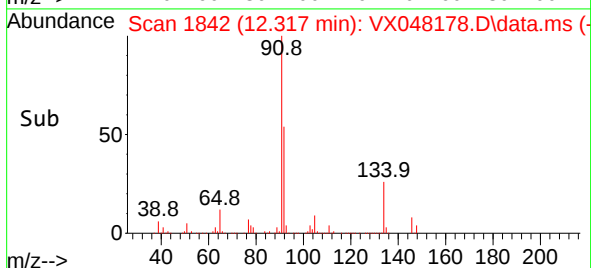
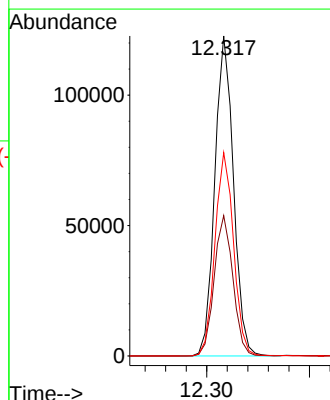
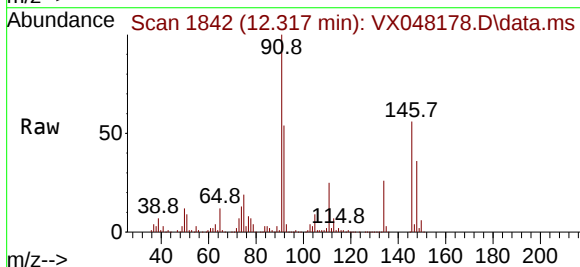
Manual Integrations
APPROVED

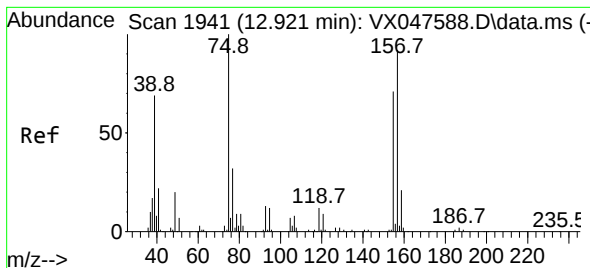
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#91
1,2-Dichlorobenzene
Concen: 49.348 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

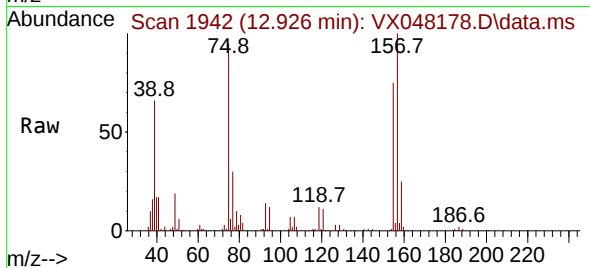
Tgt Ion:146 Resp: 154177
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 63.5 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 47.569 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

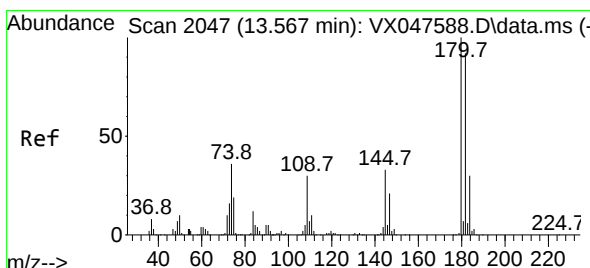
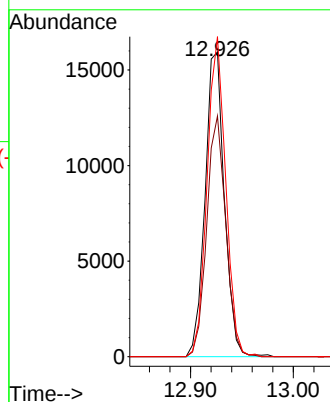
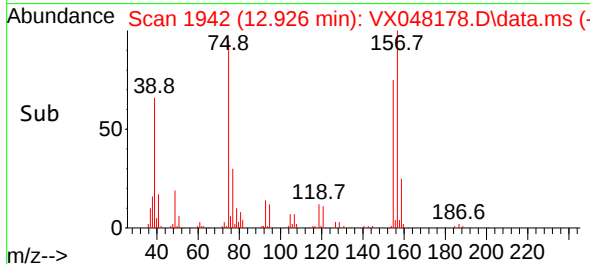
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



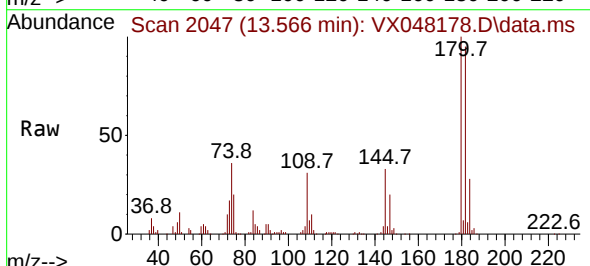
Tgt Ion: 75 Resp: 2088
Ion Ratio Lower Upper
75 100
155 77.7 37.7 113.1
157 100.9 49.8 149.4

Manual Integrations
APPROVED

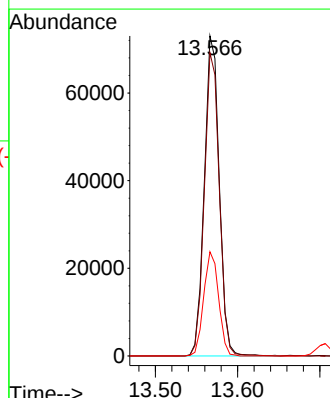
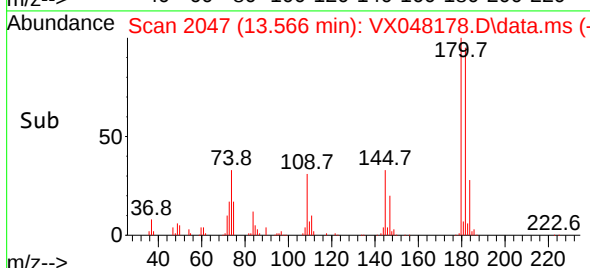
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

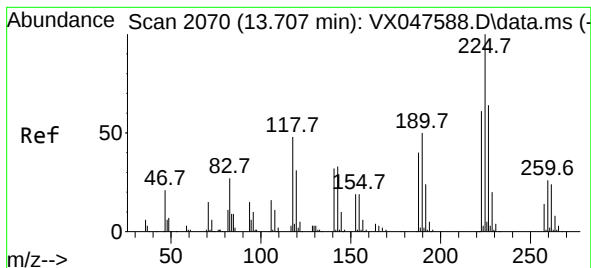


#93
1,2,4-Trichlorobenzene
Concen: 45.471 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20



Tgt Ion:180 Resp: 92329
Ion Ratio Lower Upper
180 100
182 94.7 46.6 139.8
145 32.6 16.4 49.1





#94

Hexachlorobutadiene

Concen: 45.564 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

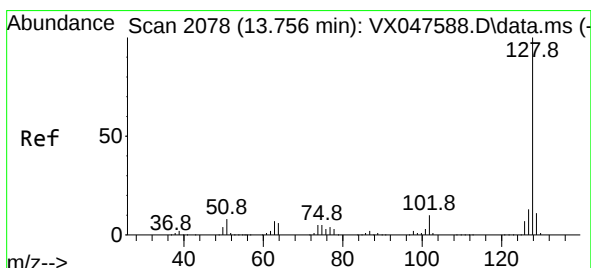
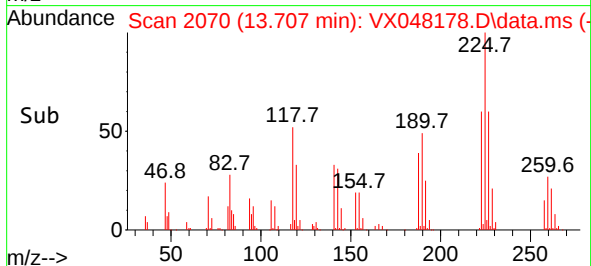
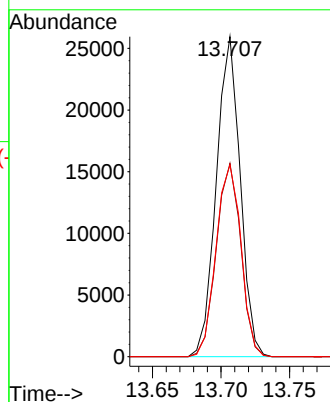
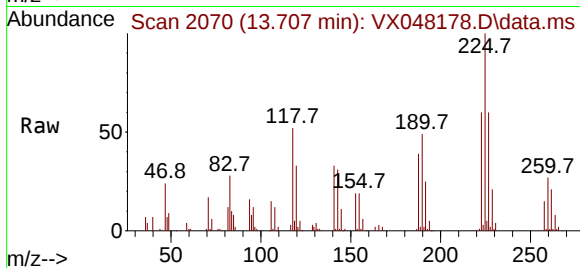
Tgt Ion:	225	Resp:	31420
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.7	95.1
227	62.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#95

Naphthalene

Concen: 46.702 ug/l

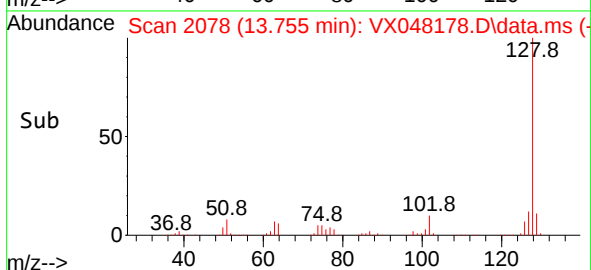
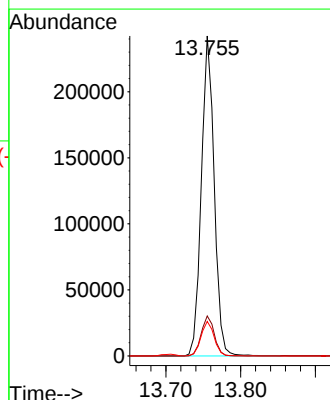
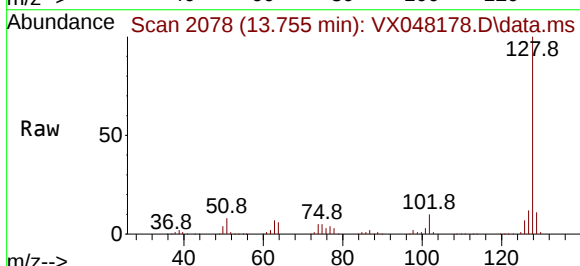
RT: 13.755 min Scan# 2078

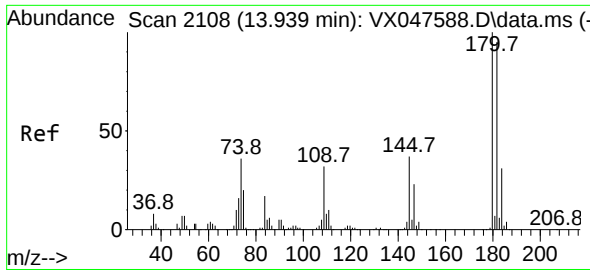
Delta R.T. -0.000 min

Lab File: VX048178.D

Acq: 14 Oct 2025 19:20

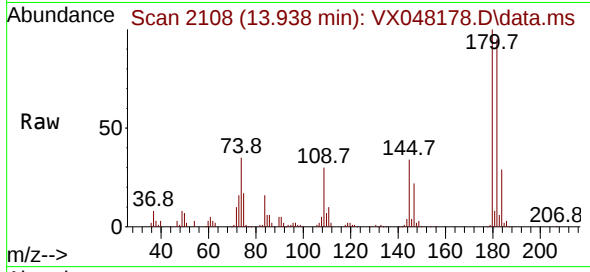
Tgt Ion:	128	Resp:	288762
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 47.657 ug/l
 RT: 13.938 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VX048178.D
 Acq: 14 Oct 2025 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD



Tgt Ion:180 Resp: 90010
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.8
 145 33.1 17.9 53.7

Manual Integrations
 APPROVED

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

