

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048149.D
 Acq On : 13 Oct 2025 17:33
 Operator : JC/MD
 Sample : Q3311-03MS 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS

Quant Time: Oct 14 01:58:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	135718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	226773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101727	47.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.180%
35) Dibromofluoromethane	5.373	113	84157	55.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.660%
50) Toluene-d8	8.635	98	288082	54.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.480%
62) 4-Bromofluorobenzene	11.061	95	114631	57.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	86085	61.254	ug/l	98
3) Chloromethane	1.301	50	100696	54.517	ug/l	99
4) Vinyl Chloride	1.380	62	107315	59.353	ug/l	99
5) Bromomethane	1.611	94	65581	57.200	ug/l	100
6) Chloroethane	1.697	64	68815	56.945	ug/l	99
7) Trichlorofluoromethane	1.898	101	161715	60.238	ug/l	99
8) Diethyl Ether	2.136	74	54499	49.626	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	88169	56.167	ug/l	97
10) Methyl Iodide	2.459	142	106470	43.489	ug/l	99
11) Tert butyl alcohol	2.941	59	49117	204.145	ug/l	99
12) 1,1-Dichloroethene	2.325	96	88399	54.822	ug/l	95
13) Acrolein	2.239	56	51394	231.801	ug/l	99
14) Allyl chloride	2.666	41	147555	44.346	ug/l	96
15) Acrylonitrile	3.056	53	206455	231.662	ug/l	99
16) Acetone	2.374	43	155028	165.046	ug/l	95
17) Carbon Disulfide	2.514	76	259068	58.688	ug/l	100
18) Methyl Acetate	2.703	43	85572	40.936	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	274204	46.584	ug/l	100
20) Methylene Chloride	2.788	84	98839	49.712	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	93859	54.066	ug/l	93
22) Diisopropyl ether	3.751	45	304365	47.199	ug/l	86
23) Vinyl Acetate	3.715	43	1151995	223.208	ug/l	98
24) 1,1-Dichloroethane	3.605	63	172073	50.204	ug/l	98
25) 2-Butanone	4.544	43	234965	200.541	ug/l	99
26) 2,2-Dichloropropane	4.471	77	128139	44.975	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	108267	50.924	ug/l	94
28) Bromochloromethane	4.885	49	62957	42.075	ug/l	93
29) Tetrahydrofuran	4.989	42	149329	211.861	ug/l	96
30) Chloroform	5.080	83	174397	50.352	ug/l	99
31) Cyclohexane	5.458	56	151483	53.065	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	154061	52.440	ug/l	99
36) 1,1-Dichloropropene	5.684	75	120602	54.268	ug/l	98
37) Ethyl Acetate	4.696	43	108048	45.408	ug/l	99
38) Carbon Tetrachloride	5.672	117	136126	56.376	ug/l	96
39) Methylcyclohexane	7.367	83	151953	60.235	ug/l	97
40) Benzene	6.025	78	368802	54.639	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	57050	46.442	ug/l	97
42) 1,2-Dichloroethane	6.074	62	126655	49.316	ug/l	98
43) Isopropyl Acetate	6.324	43	172771	44.272	ug/l	97
44) Trichloroethene	7.111	130	95140	58.302	ug/l	94
45) 1,2-Dichloropropane	7.415	63	91615	53.007	ug/l	97
46) Dibromomethane	7.568	93	68254	54.267	ug/l	98
47) Bromodichloromethane	7.806	83	138052	53.191	ug/l	99
48) Methyl methacrylate	7.677	41	90949	46.787	ug/l	95
49) 1,4-Dioxane	7.647	88	22265	1133.364	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	520350	240.488	ug/l	98
52) Toluene	8.702	92	232798	55.981	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	136832	51.686	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	148138	52.353	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	86130	53.713	ug/l	99
56) Ethyl methacrylate	9.104	69	129630	51.476	ug/l	93
57) 1,3-Dichloropropane	9.293	76	148888	54.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	298842	248.506	ug/l	97
59) 2-Hexanone	9.415	43	358717	230.835	ug/l	97
60) Dibromochloromethane	9.506	129	104588	56.607	ug/l	99
61) 1,2-Dibromoethane	9.592	107	90529	55.428	ug/l	99
64) Tetrachloroethene	9.256	164	85550	60.843	ug/l	98
65) Chlorobenzene	10.061	112	263333	53.741	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	88510	52.346	ug/l	99
67) Ethyl Benzene	10.177	91	449527	53.169	ug/l	98
68) m/p-Xylenes	10.287	106	338851	107.678	ug/l	99
69) o-Xylene	10.628	106	159205	52.305	ug/l	100
70) Styrene	10.640	104	278251	52.172	ug/l	99
71) Bromoform	10.781	173	65502	51.880	ug/l	99
73) Isopropylbenzene	10.945	105	419344	50.697	ug/l	100
74) N-amyl acetate	10.829	43	168361	44.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	117258	46.855	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	130271	59.138	ug/l	88
77) Bromobenzene	11.177	156	99154	48.671	ug/l	98
78) n-propylbenzene	11.287	91	503971	51.541	ug/l	100
79) 2-Chlorotoluene	11.348	91	295877	49.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	340940	50.169	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	35991	41.666	ug/l	98
82) 4-Chlorotoluene	11.439	91	352328	49.812	ug/l	99
83) tert-Butylbenzene	11.695	119	345143	49.613	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	345409	50.133	ug/l	100
85) sec-Butylbenzene	11.872	105	427570	51.744	ug/l	100
86) p-Isopropyltoluene	11.988	119	356182	50.915	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	186343	49.246	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	186638	48.058	ug/l	100
89) n-Butylbenzene	12.317	91	334542	51.682	ug/l	98
90) Hexachloroethane	12.518	117	65890	53.647	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	175320	48.633	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21922	43.267	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	108523	46.320	ug/l	100
94) Hexachlorobutadiene	13.707	225	39448	49.569	ug/l	99
95) Naphthalene	13.756	128	319774	44.822	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	102466	47.015	ug/l	98

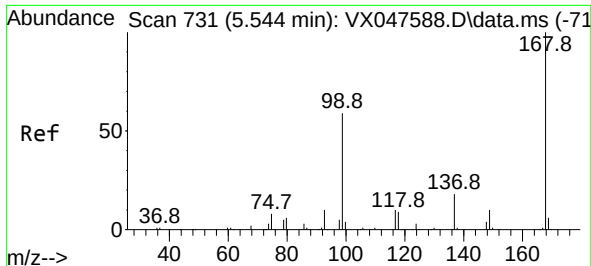
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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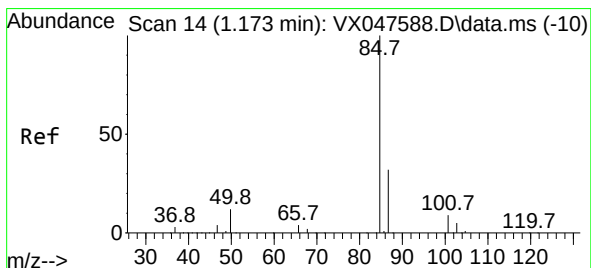
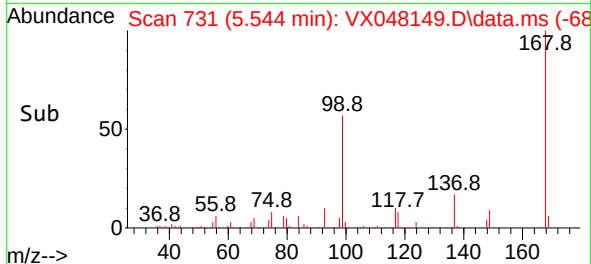
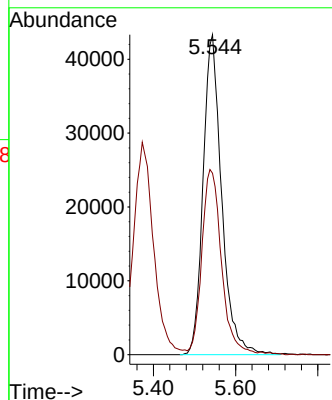
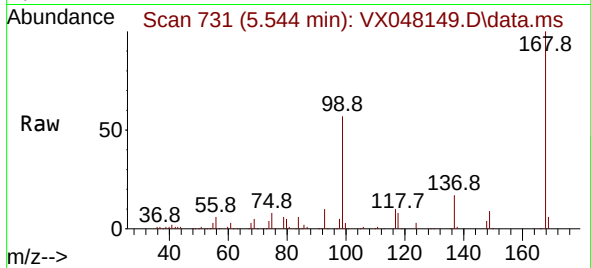
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
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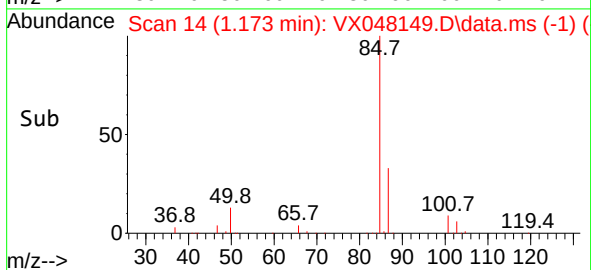
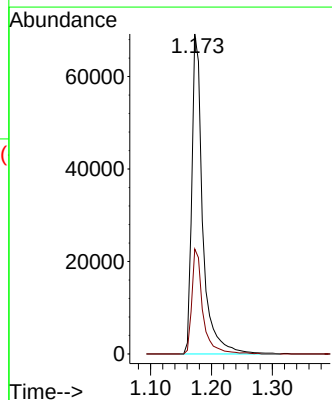
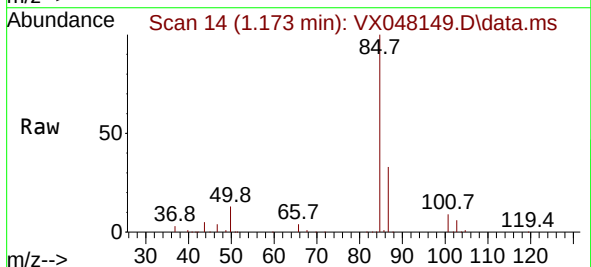
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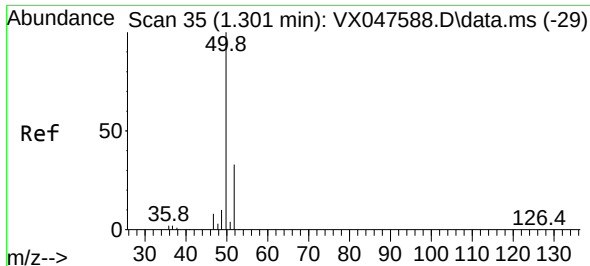
Tgt Ion:168 Resp: 135718
Ion Ratio Lower Upper
168 100
99 56.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 61.254 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 85 Resp: 86085
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3

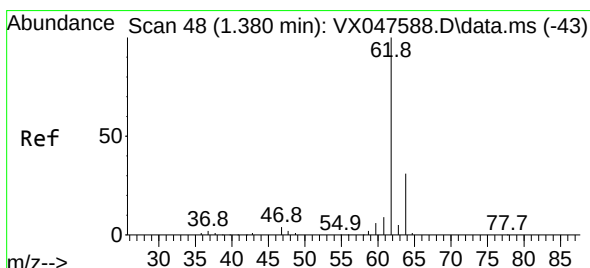
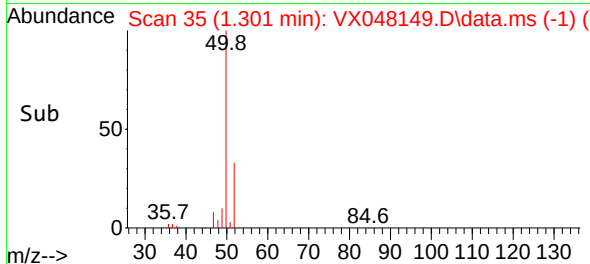
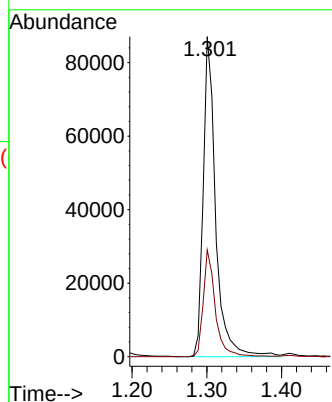
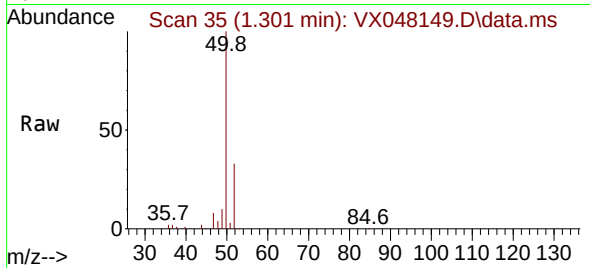




#3
Chloromethane
Concen: 54.517 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

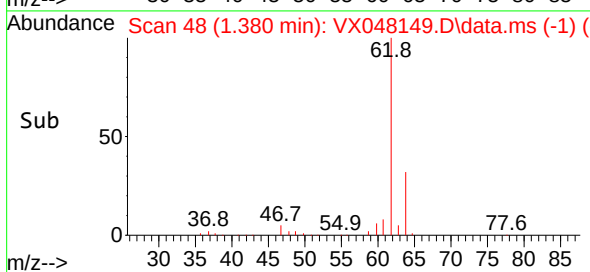
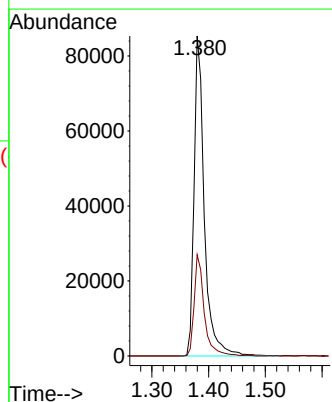
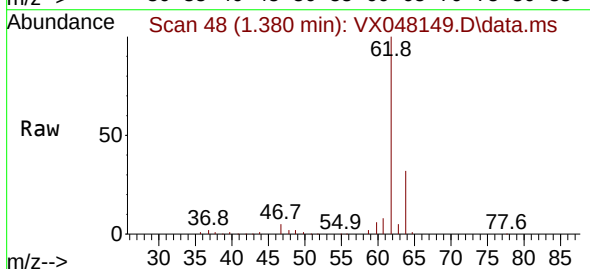
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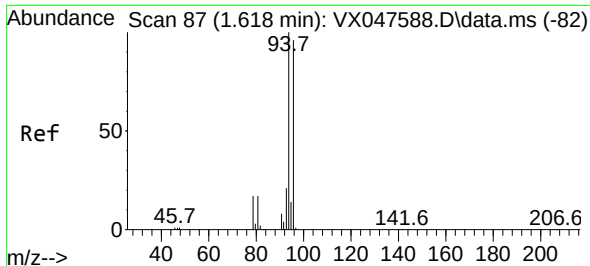
Tgt Ion: 50 Resp: 100696
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 59.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 62 Resp: 107315
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3

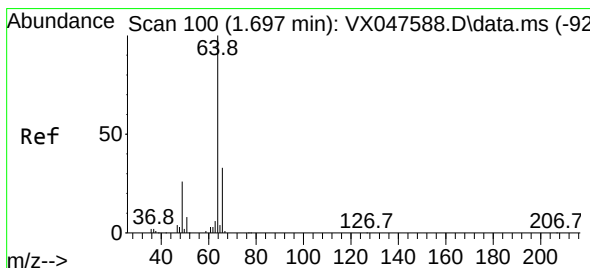
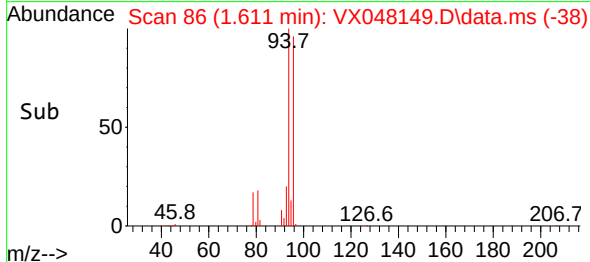
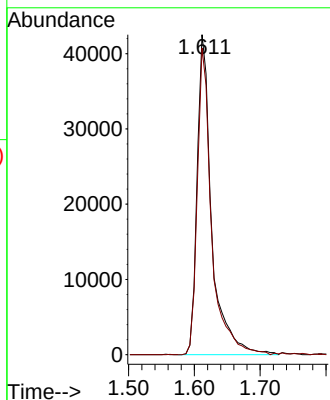
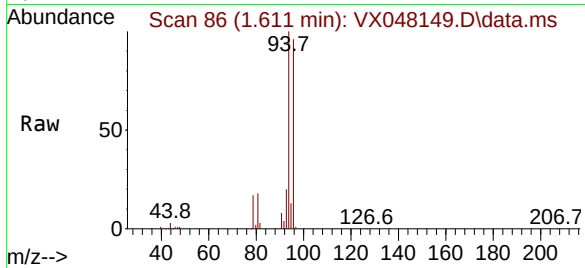




#5
Bromomethane
Concen: 57.200 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

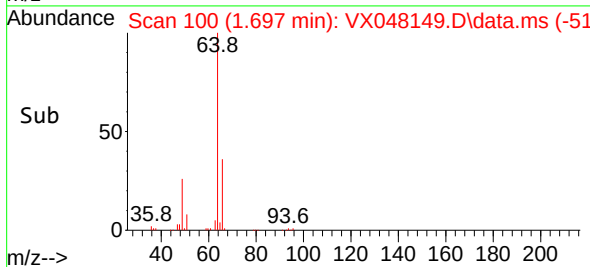
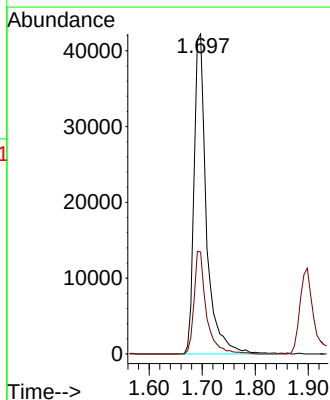
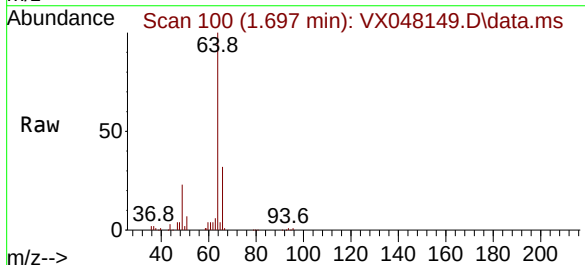
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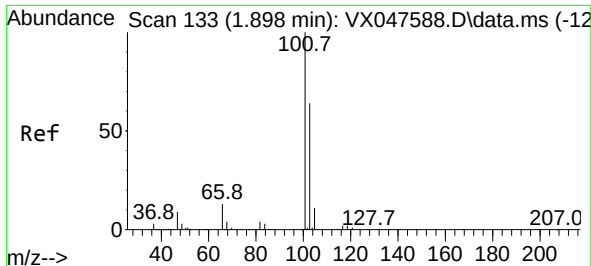
Tgt Ion: 94 Resp: 65581
Ion Ratio Lower Upper
94 100
96 95.8 76.6 115.0



#6
Chloroethane
Concen: 56.945 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 64 Resp: 68815
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

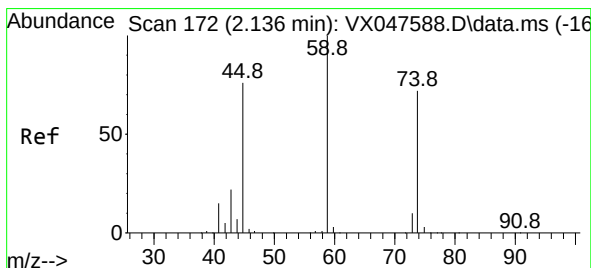
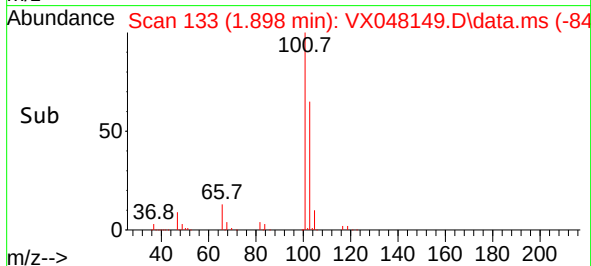
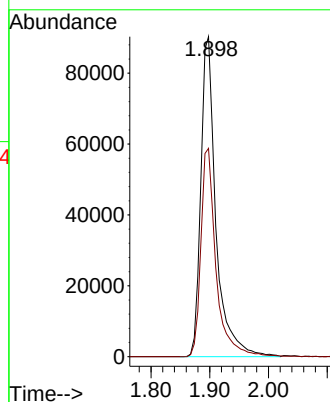
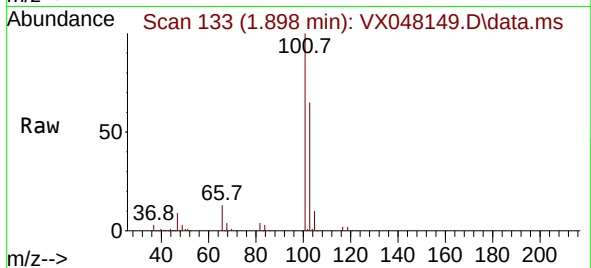




#7
Trichlorofluoromethane
Concen: 60.238 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048149.D
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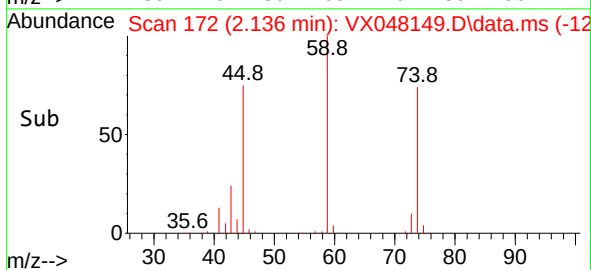
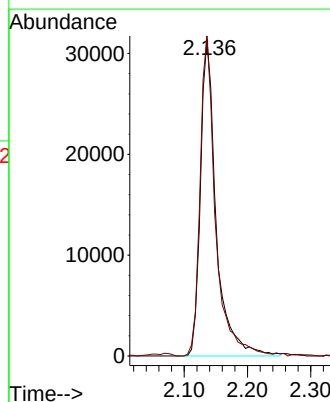
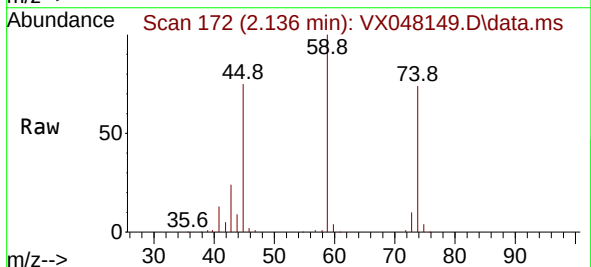
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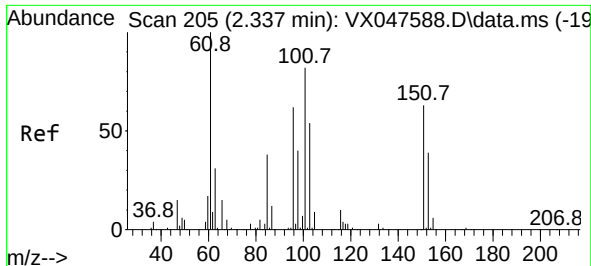
Tgt Ion:101 Resp: 161715
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



#8
Diethyl Ether
Concen: 49.626 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 74 Resp: 54499
Ion Ratio Lower Upper
74 100
45 99.1 52.3 156.8

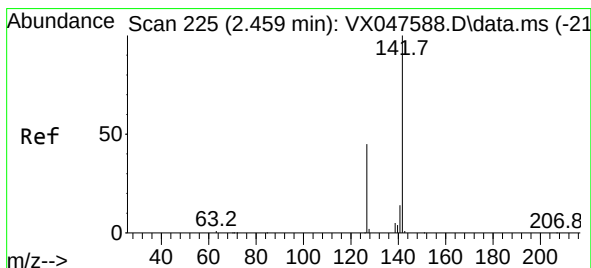
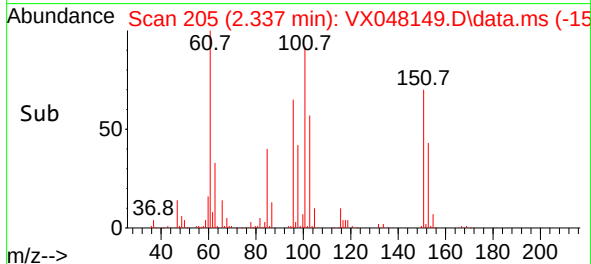
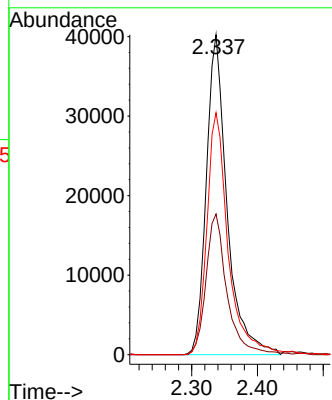
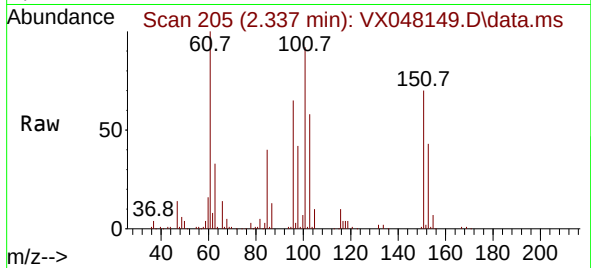




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.167 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
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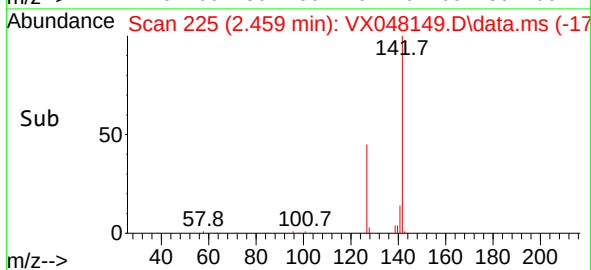
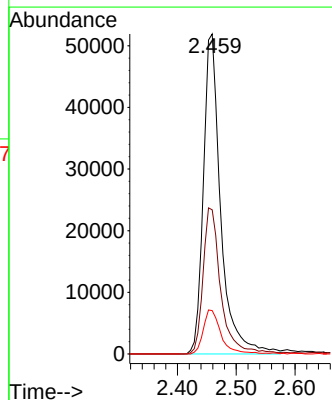
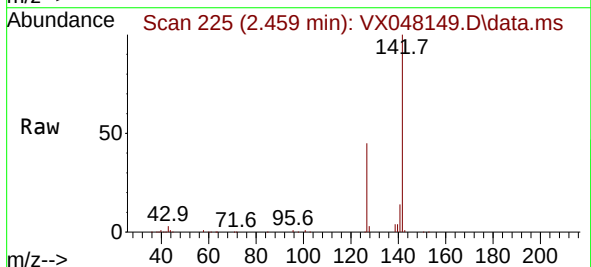
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MW-219MS

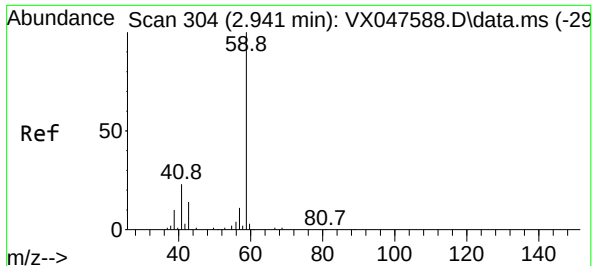
Tgt Ion:101 Resp: 88169
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 78.2 59.4 89.0



#10
Methyl Iodide
Concen: 43.489 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:142 Resp: 106470
Ion Ratio Lower Upper
142 100
127 47.2 37.2 55.8
141 14.0 11.4 17.0

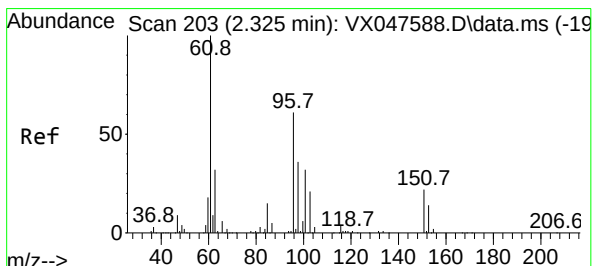
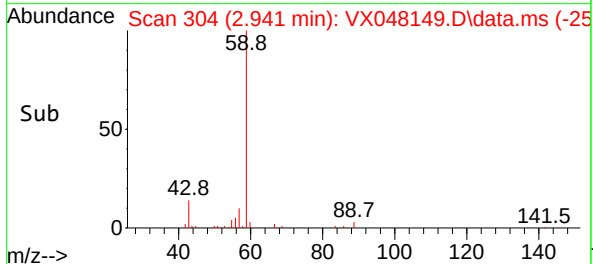
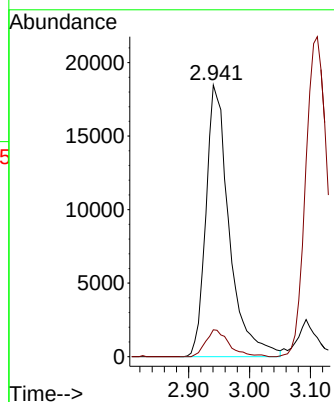
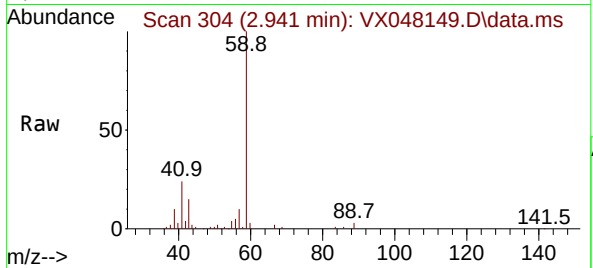




#11
Tert butyl alcohol
Concen: 204.145 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

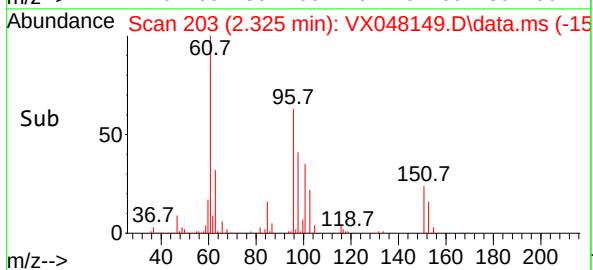
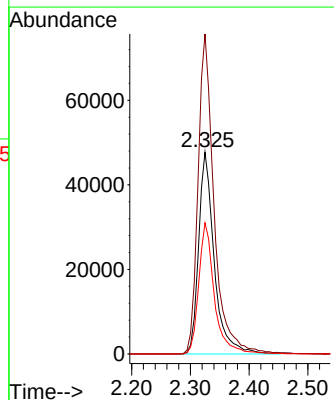
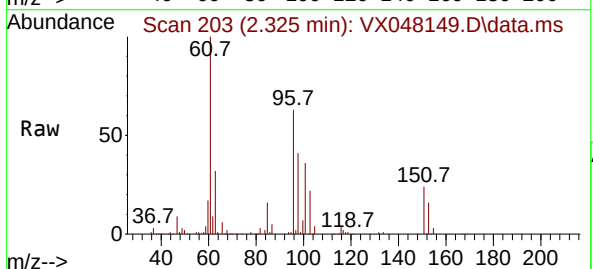
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

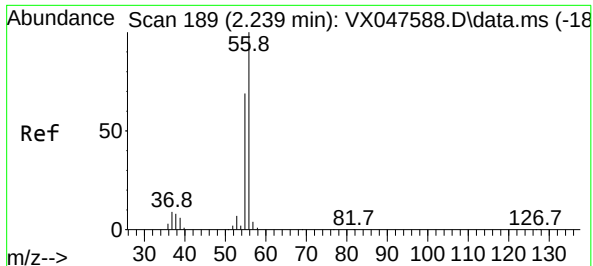
Tgt Ion: 59 Resp: 49117
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 54.822 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 96 Resp: 88399
Ion Ratio Lower Upper
96 100
61 158.6 131.0 196.6
98 64.9 47.7 71.5

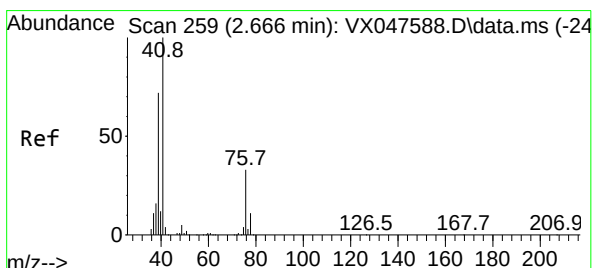
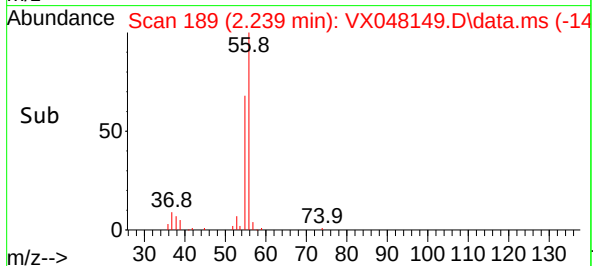
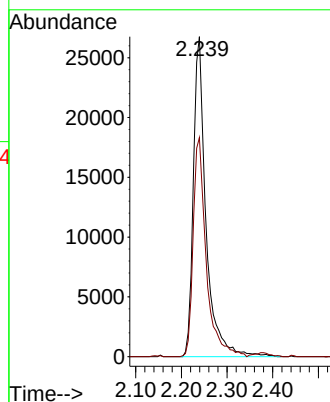
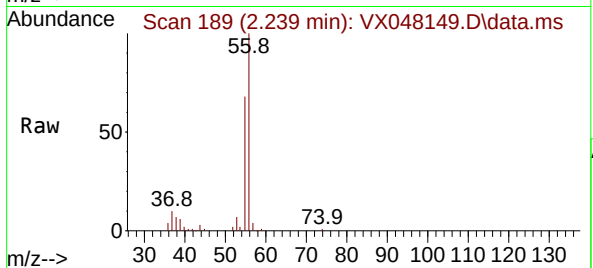




#13
Acrolein
Concen: 231.801 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

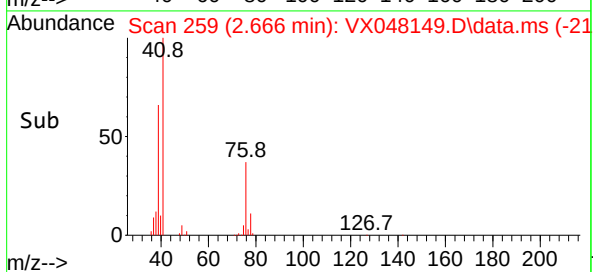
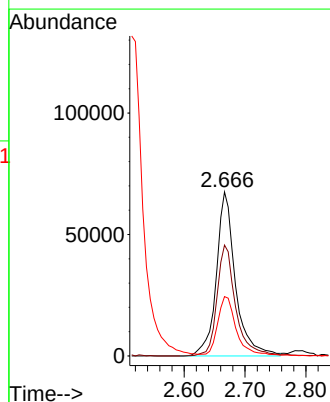
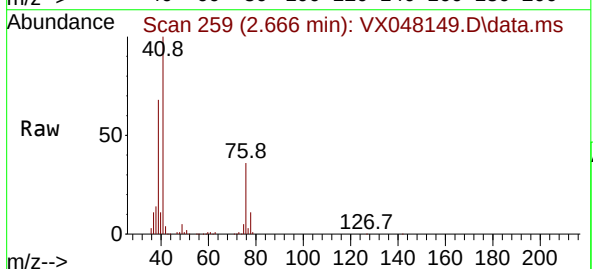
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

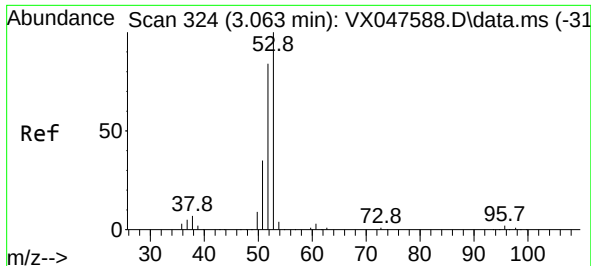
Tgt Ion: 56 Resp: 51394
Ion Ratio Lower Upper
56 100
55 70.6 57.2 85.8



#14
Allyl chloride
Concen: 44.346 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 41 Resp: 147555
Ion Ratio Lower Upper
41 100
39 66.6 54.7 82.1
76 36.1 25.7 38.5





#15

Acrylonitrile

Concen: 231.662 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

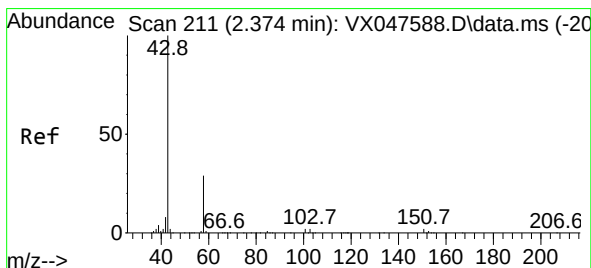
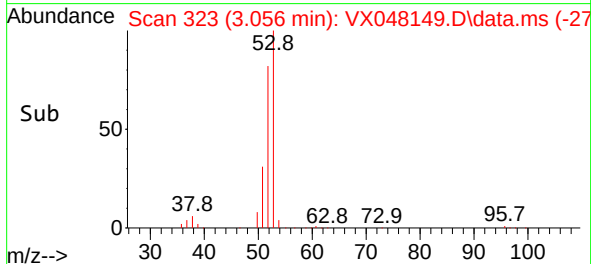
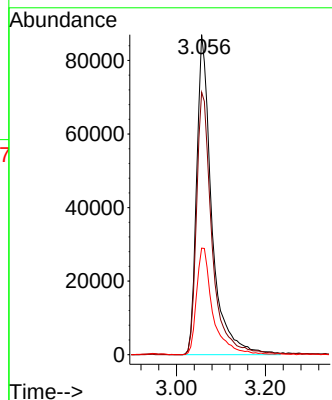
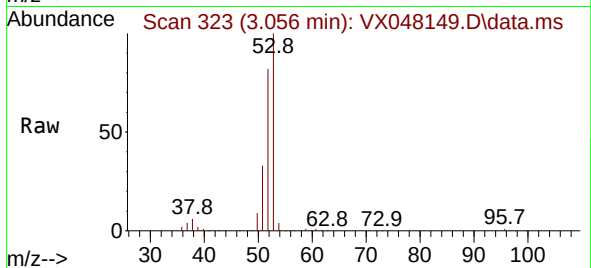
Tgt Ion: 53 Resp: 206455

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

51 35.8 29.5 44.3



#16

Acetone

Concen: 165.046 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048149.D

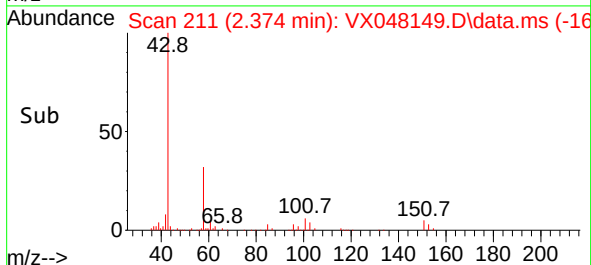
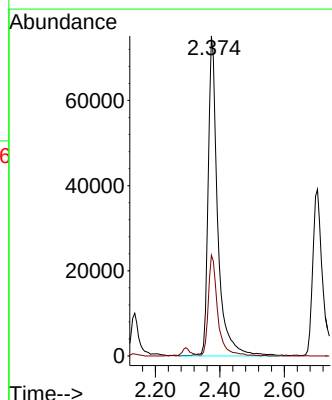
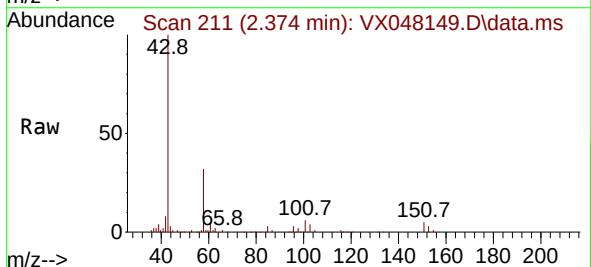
Acq: 13 Oct 2025 17:33

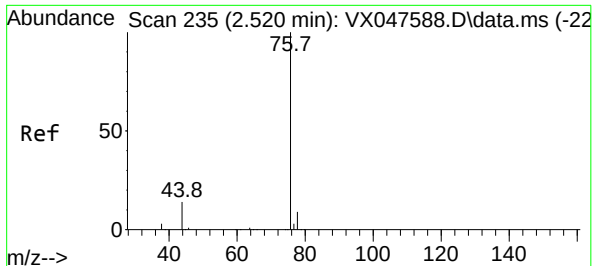
Tgt Ion: 43 Resp: 155028

Ion Ratio Lower Upper

43 100

58 31.6 23.4 35.0

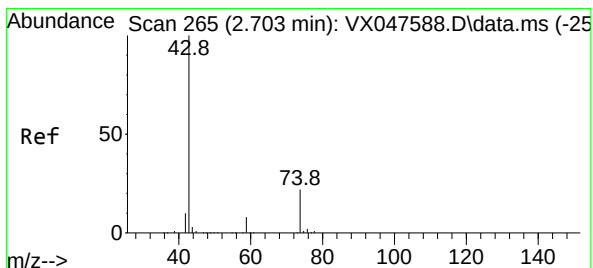
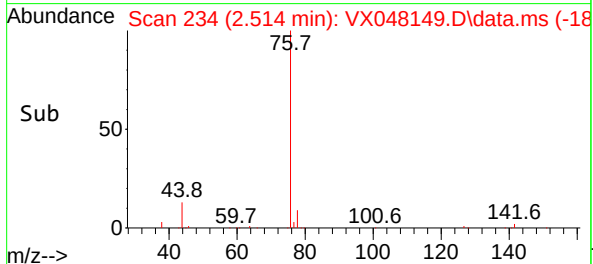
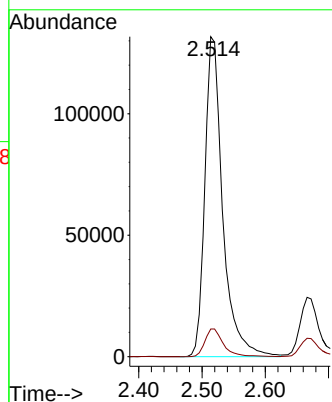
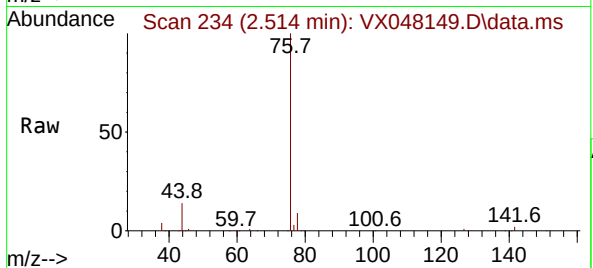




#17
Carbon Disulfide
Concen: 58.688 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

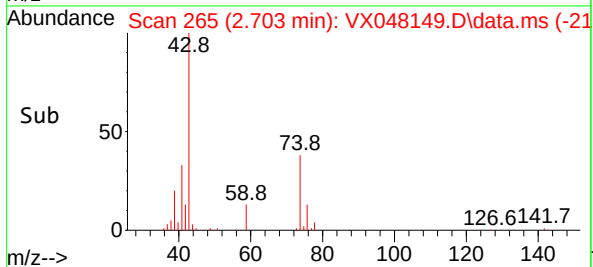
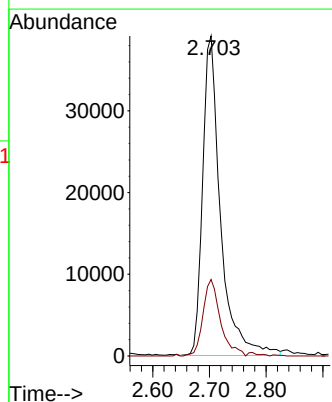
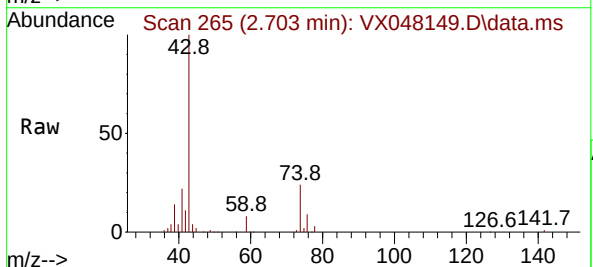
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

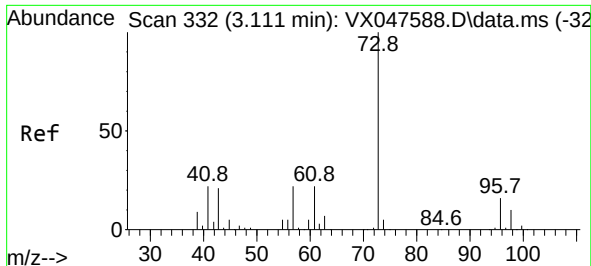
Tgt Ion: 76 Resp: 259068
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 40.936 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 43 Resp: 85572
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 46.584 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

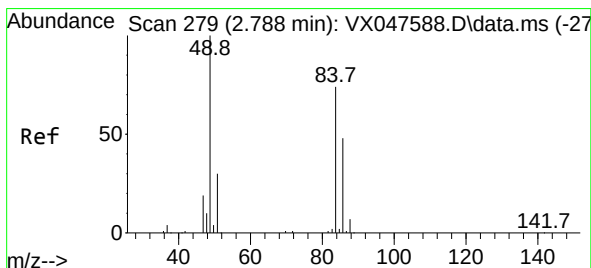
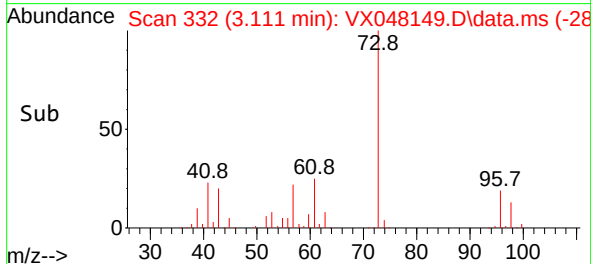
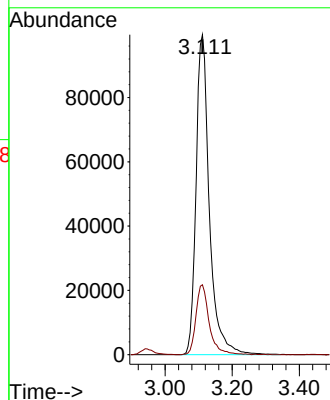
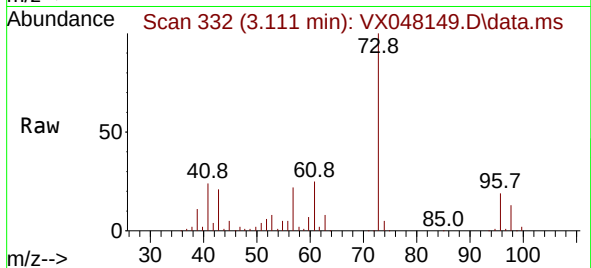
MW-219MS

Tgt Ion: 73 Resp: 274204

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.2



#20

Methylene Chloride

Concen: 49.712 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Tgt Ion: 84 Resp: 98839

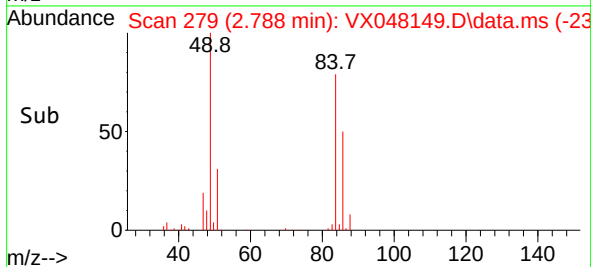
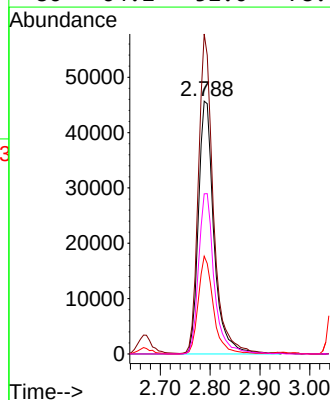
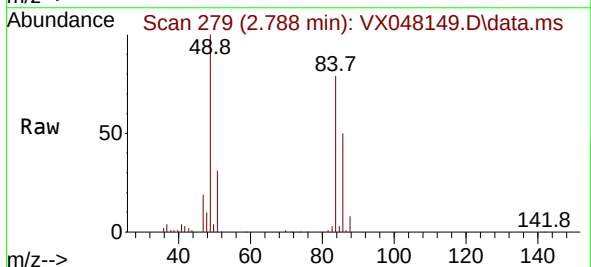
Ion Ratio Lower Upper

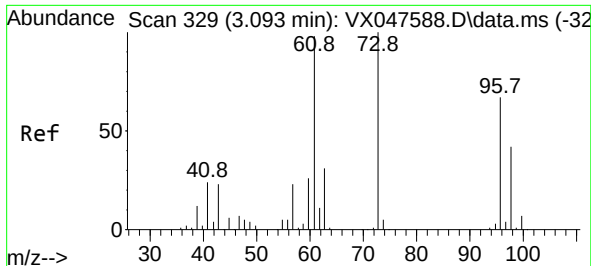
84 100

49 126.4 108.6 162.8

51 38.7 32.6 48.8

86 64.2 52.0 78.0

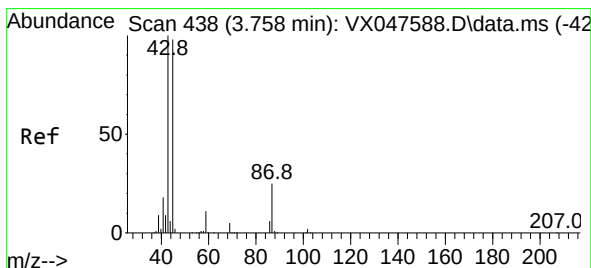
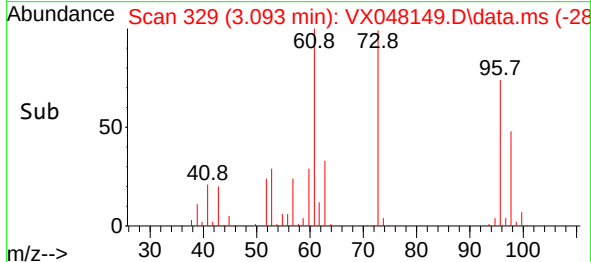
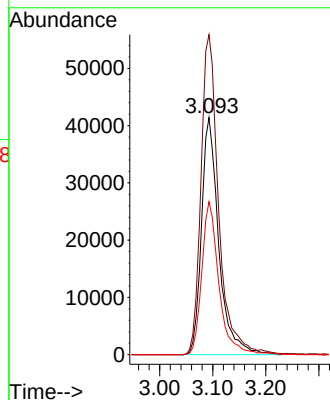
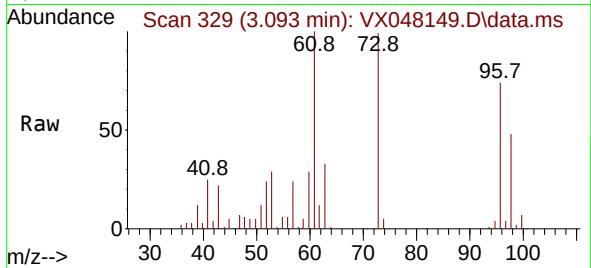




#21
trans-1,2-Dichloroethene
Concen: 54.066 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

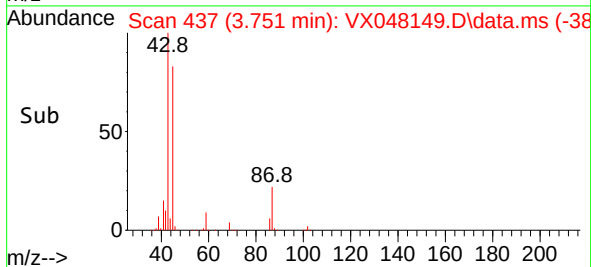
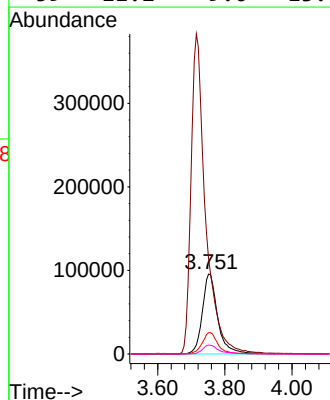
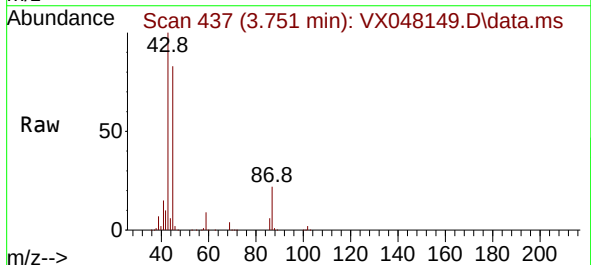
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

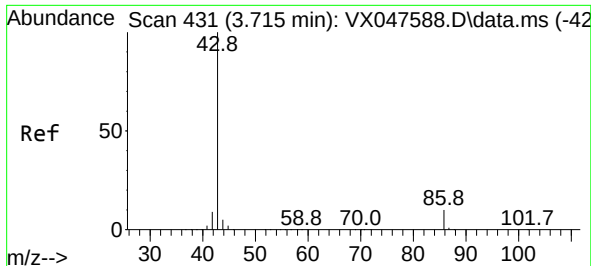
Tgt Ion: 96 Resp: 93859
Ion Ratio Lower Upper
96 100
61 135.0 116.2 174.2
98 64.5 49.3 73.9



#22
Diisopropyl ether
Concen: 47.199 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 45 Resp: 304365
Ion Ratio Lower Upper
45 100
43 119.7 81.0 121.4
87 26.8 20.3 30.5
59 11.2 9.0 13.4

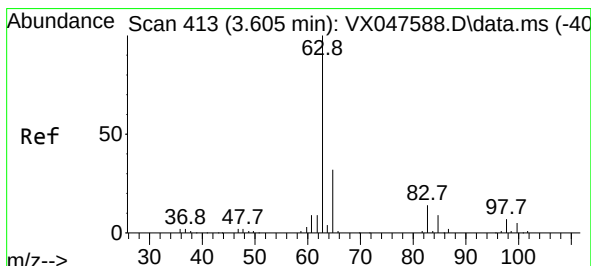
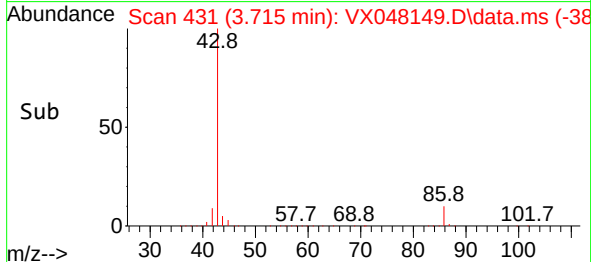
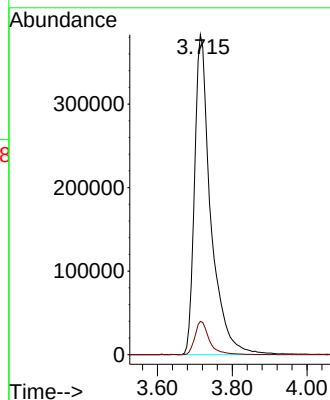
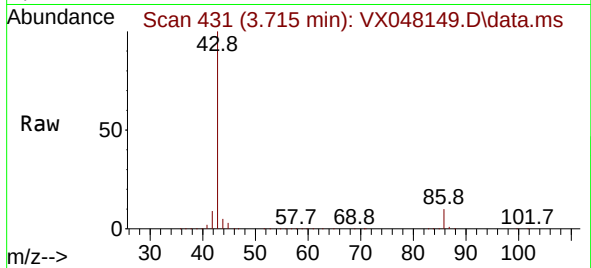




#23
 Vinyl Acetate
 Concen: 223.208 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048149.D
 Acq: 13 Oct 2025 17:33

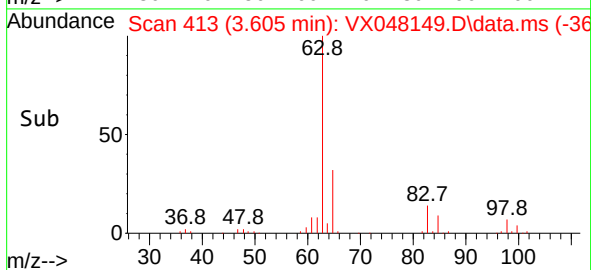
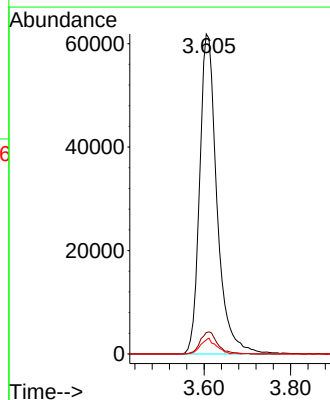
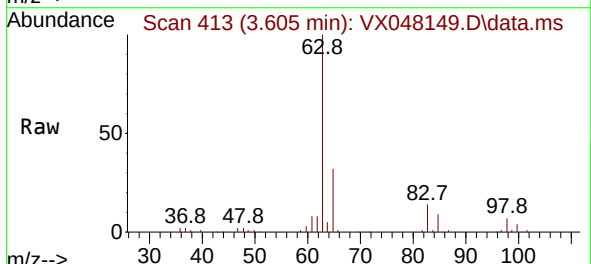
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS

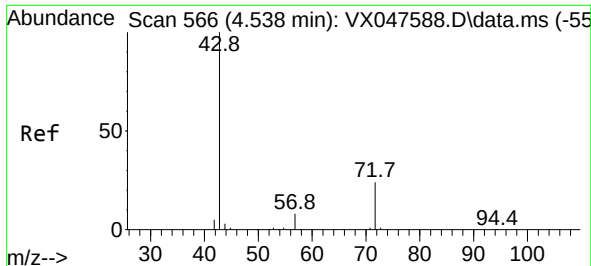
Tgt Ion: 43 Resp: 1151995
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.204 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048149.D
 Acq: 13 Oct 2025 17:33

Tgt Ion: 63 Resp: 172073
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.4 2.3 6.9

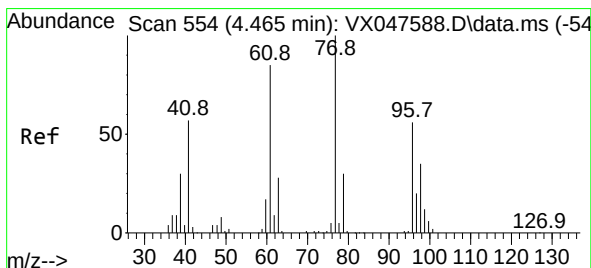
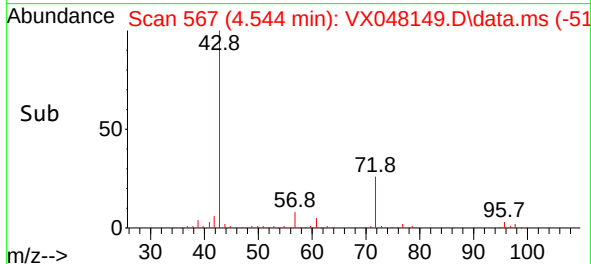
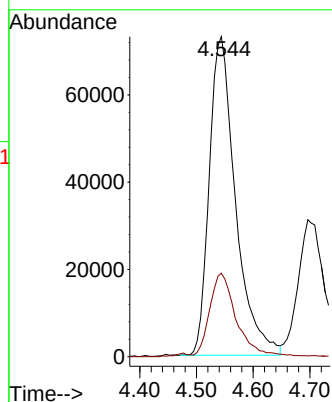
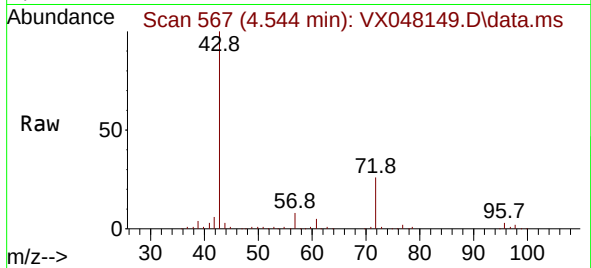




#25
2-Butanone
Concen: 200.541 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

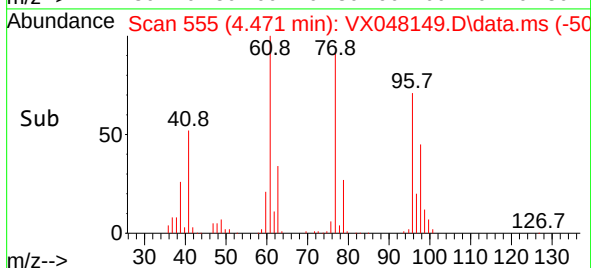
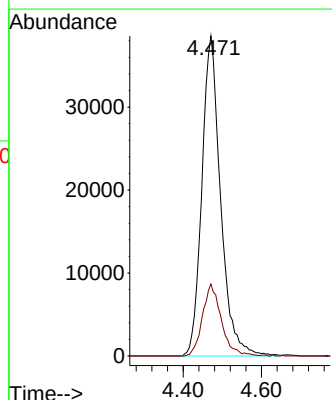
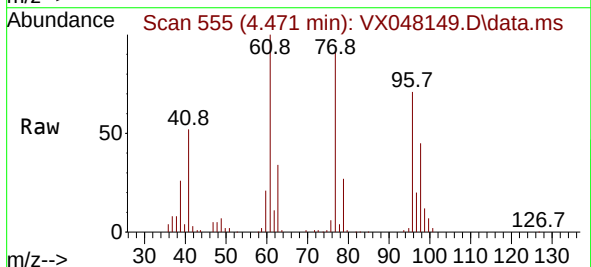
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

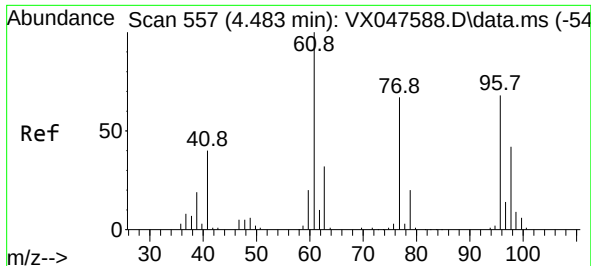
Tgt Ion: 43 Resp: 234965
Ion Ratio Lower Upper
43 100
72 25.5 20.1 30.1



#26
2,2-Dichloropropane
Concen: 44.975 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 77 Resp: 128139
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 50.924 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

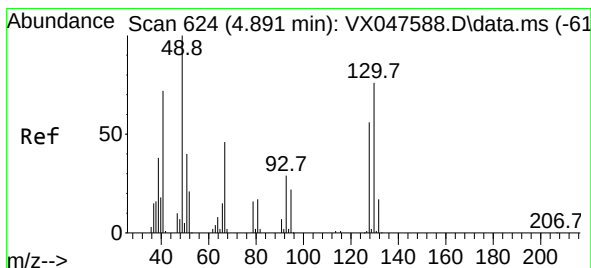
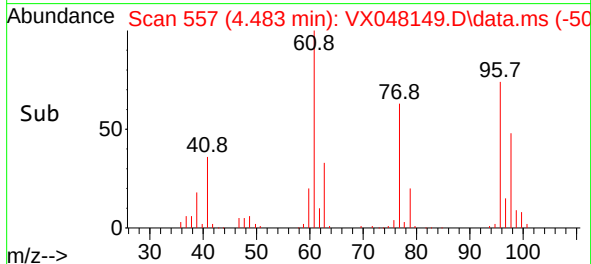
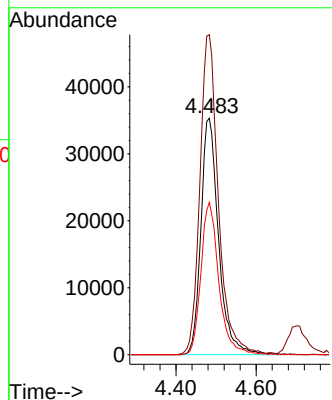
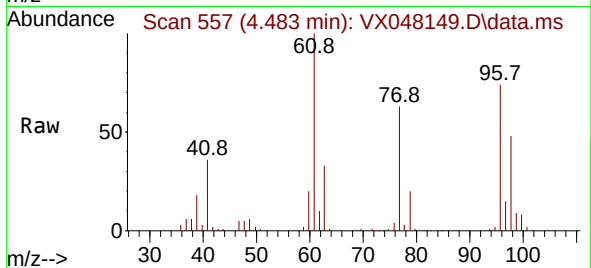
Tgt Ion: 96 Resp: 108267

Ion Ratio Lower Upper

96 100

61 141.6 0.0 303.2

98 65.0 0.0 127.8



#28

Bromochloromethane

Concen: 42.075 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

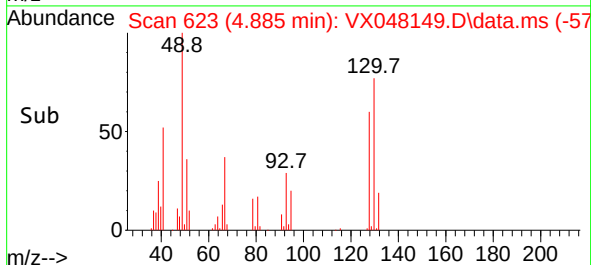
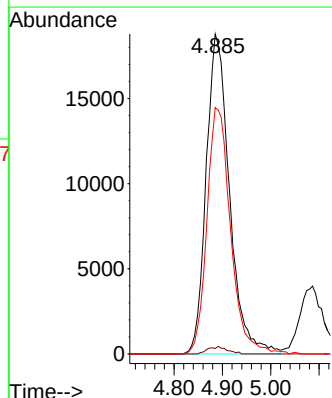
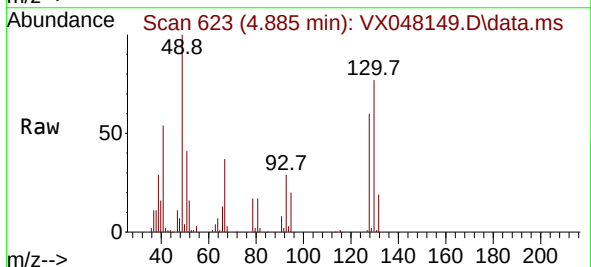
Tgt Ion: 49 Resp: 62957

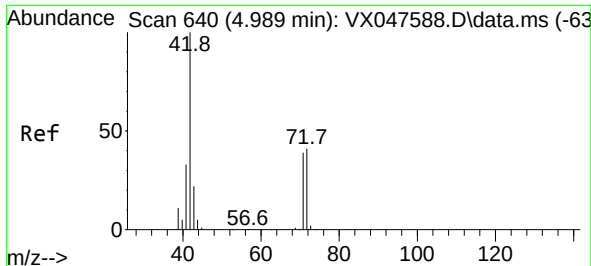
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 78.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 211.861 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

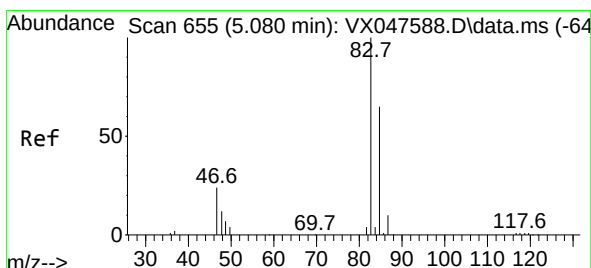
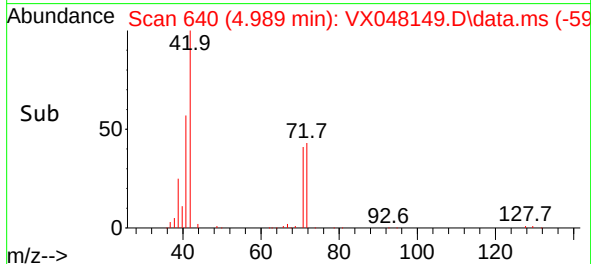
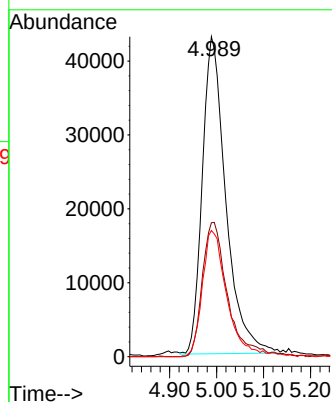
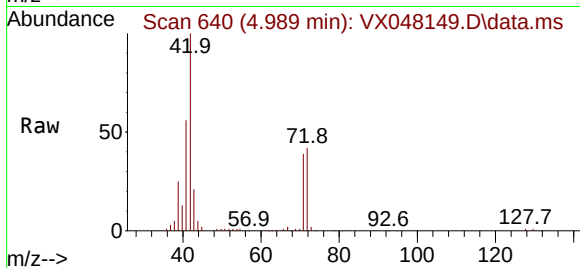
Tgt Ion: 42 Resp: 149329

Ion Ratio Lower Upper

42 100

72 45.8 34.2 51.2

71 41.2 31.9 47.9



#30

Chloroform

Concen: 50.352 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048149.D

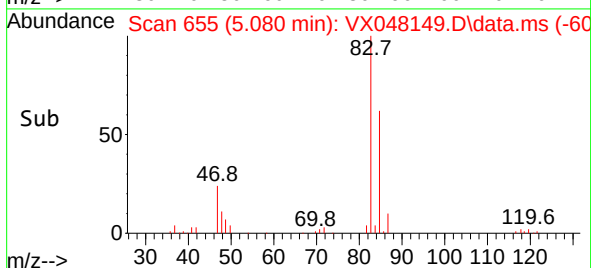
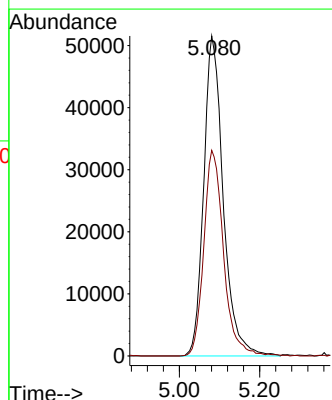
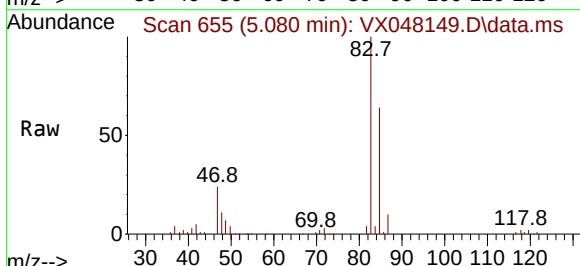
Acq: 13 Oct 2025 17:33

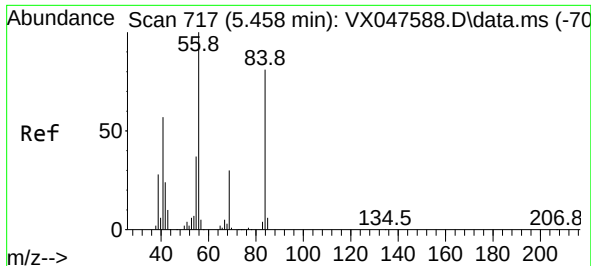
Tgt Ion: 83 Resp: 174397

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

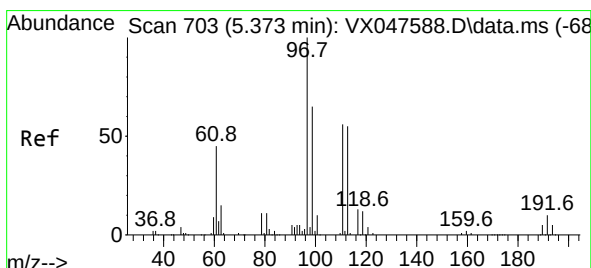
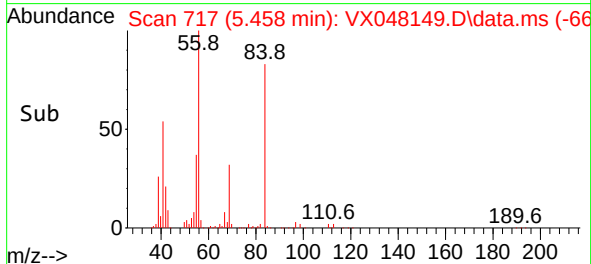
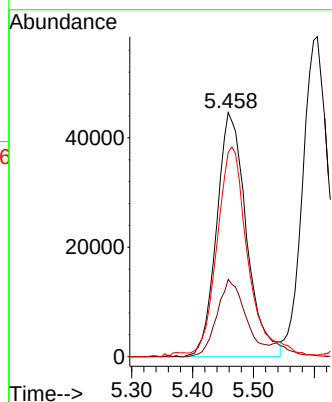
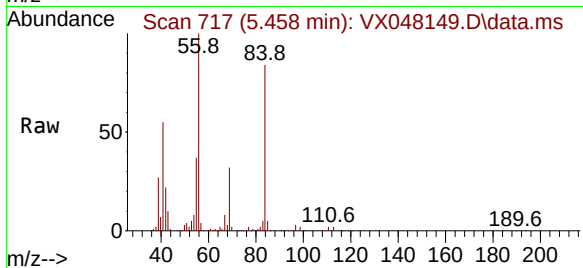




#31
Cyclohexane
Concen: 53.065 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

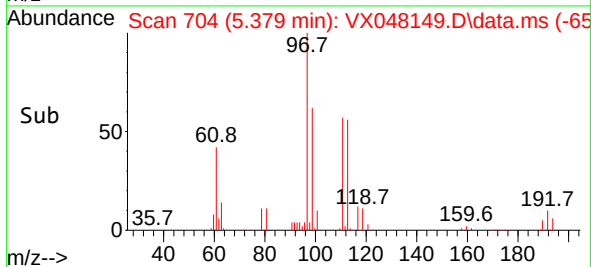
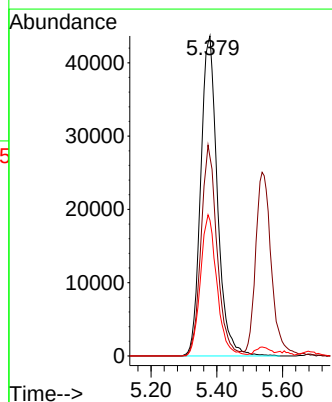
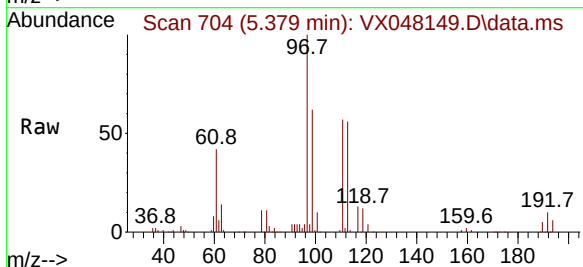
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

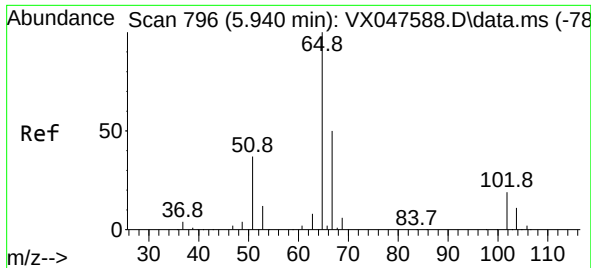
Tgt Ion: 56 Resp: 151483
Ion Ratio Lower Upper
56 100
69 31.3 23.8 35.8
84 81.7 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 52.440 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 97 Resp: 154061
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 43.5 35.8 53.8

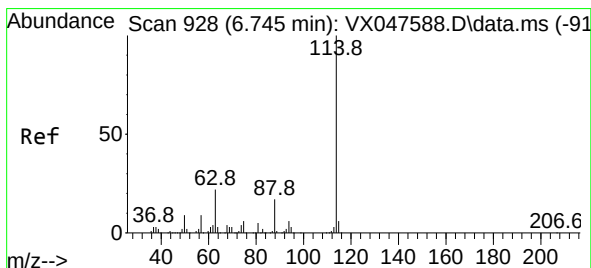
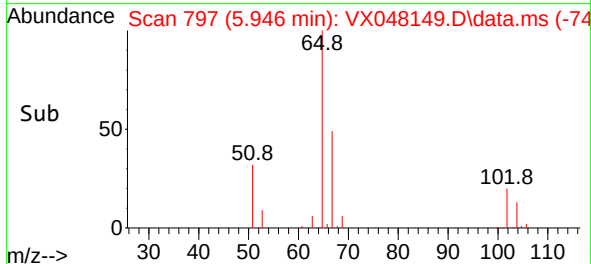
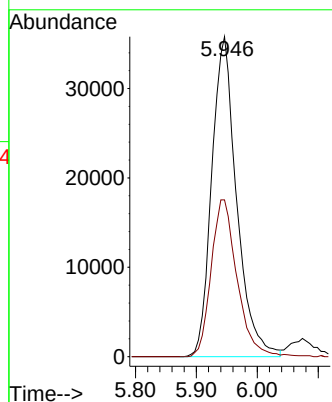
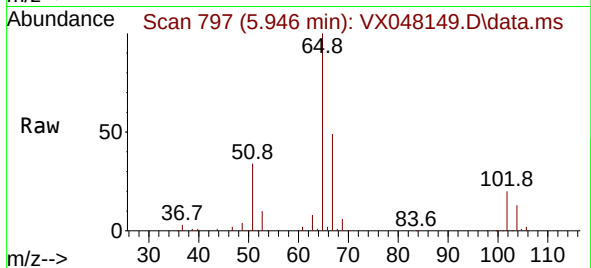




#33
 1,2-Dichloroethane-d4
 Concen: 47.090 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048149.D
 Acq: 13 Oct 2025 17:33

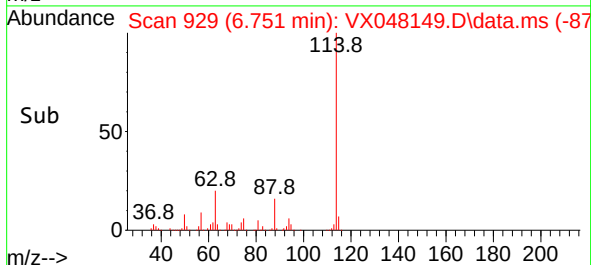
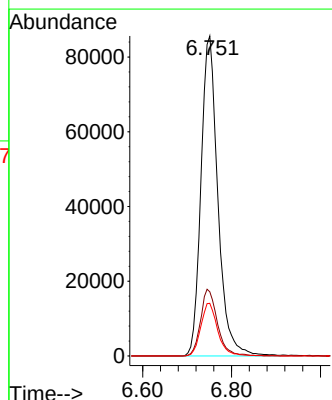
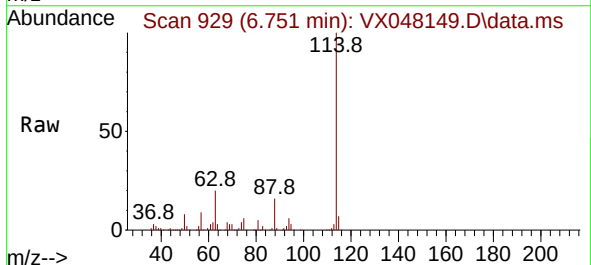
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MS

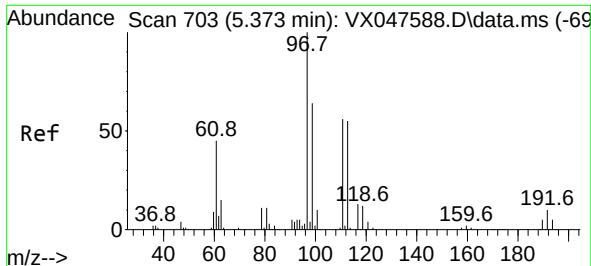
Tgt Ion: 65 Resp: 101727
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048149.D
 Acq: 13 Oct 2025 17:33

Tgt Ion: 114 Resp: 226773
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.0
 88 16.4 0.0 34.2

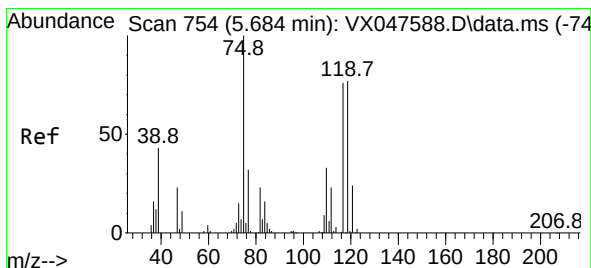
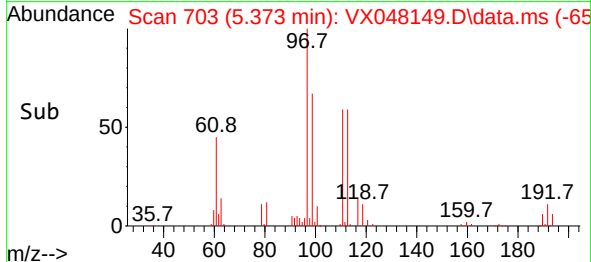
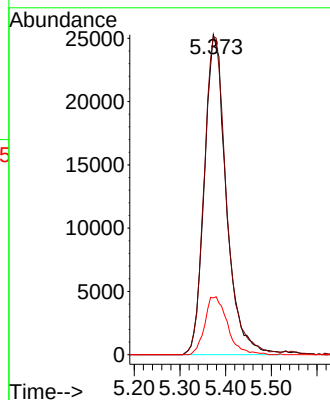
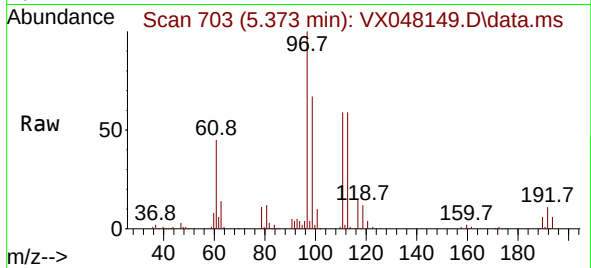




#35
Dibromofluoromethane
Concen: 55.335 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

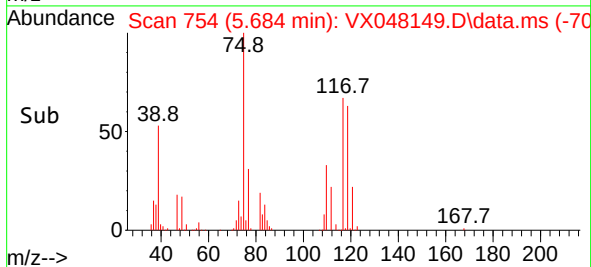
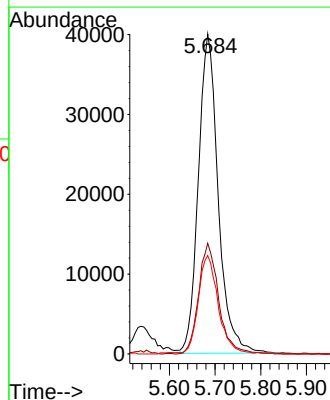
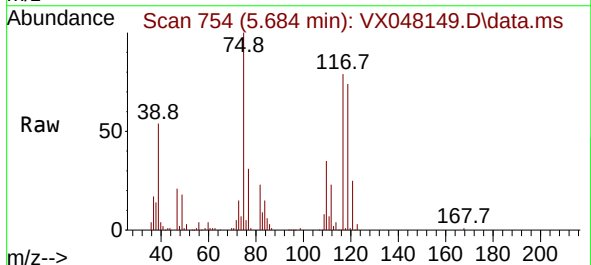
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

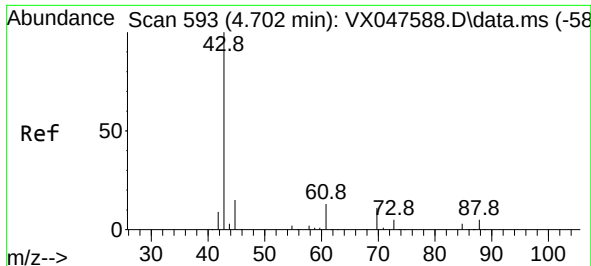
Tgt Ion:113 Resp: 84157
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 18.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 54.268 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 75 Resp: 120602
Ion Ratio Lower Upper
75 100
110 35.1 16.7 50.1
77 30.0 24.3 36.5





#37

Ethyl Acetate

Concen: 45.408 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

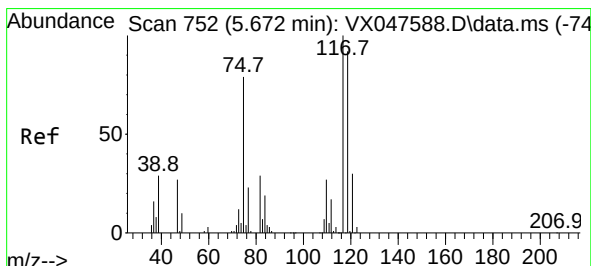
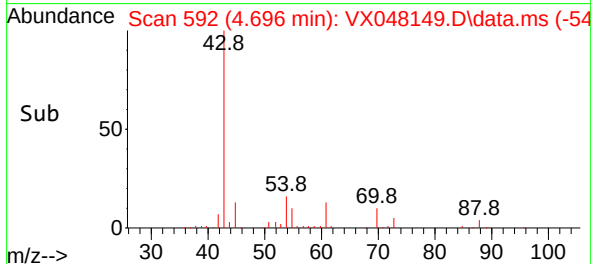
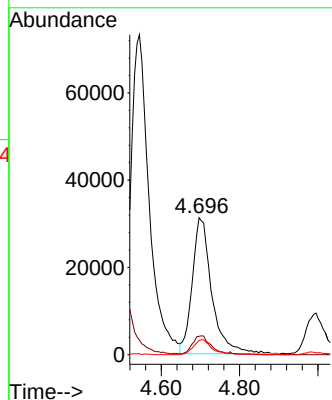
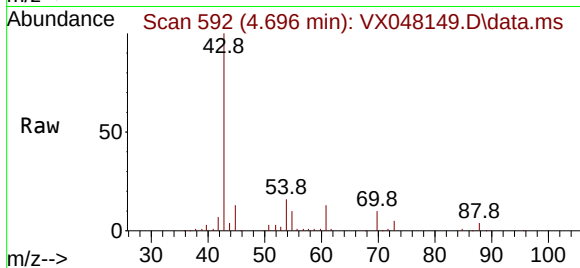
Tgt Ion: 43 Resp: 108048

Ion Ratio Lower Upper

43 100

61 12.0 9.8 14.8

70 10.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 56.376 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

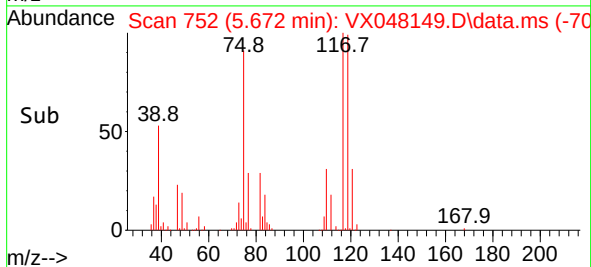
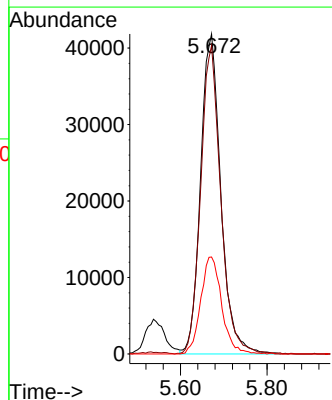
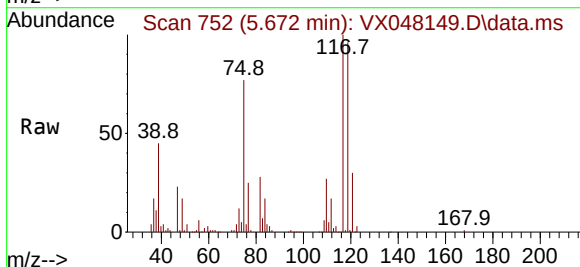
Tgt Ion: 117 Resp: 136126

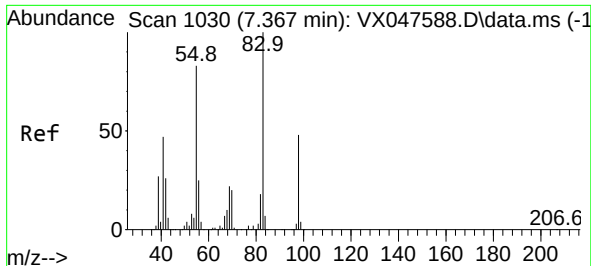
Ion Ratio Lower Upper

117 100

119 96.1 73.4 110.2

121 30.3 23.8 35.6

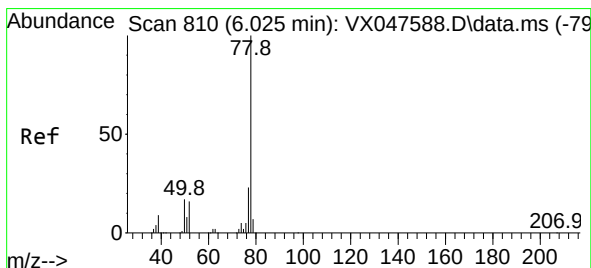
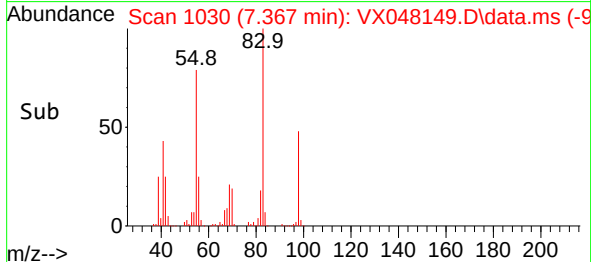
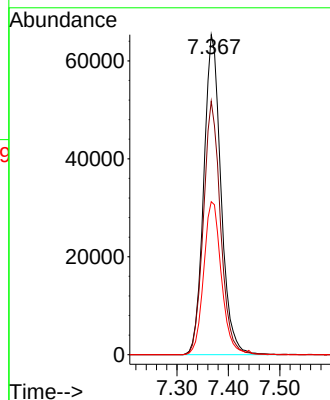
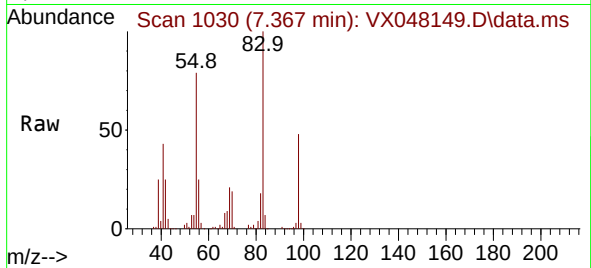




#39
Methylcyclohexane
Concen: 60.235 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

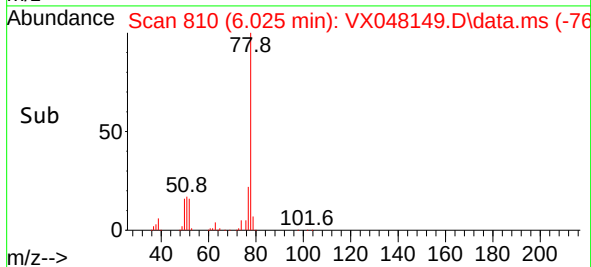
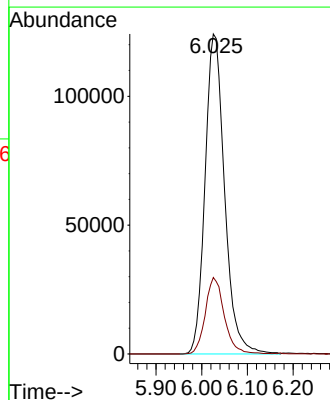
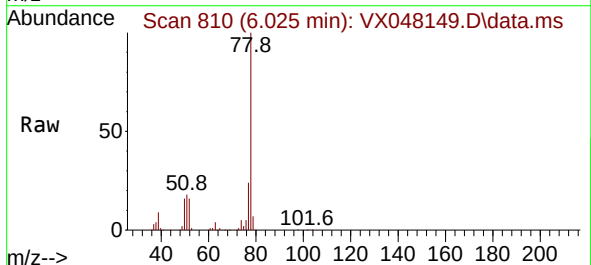
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

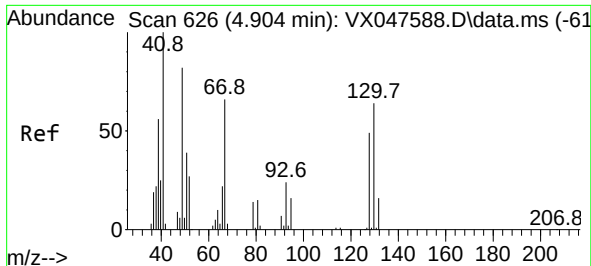
Tgt Ion: 83 Resp: 151953
Ion Ratio Lower Upper
83 100
55 79.2 66.4 99.6
98 47.8 38.1 57.1



#40
Benzene
Concen: 54.639 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 78 Resp: 368802
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

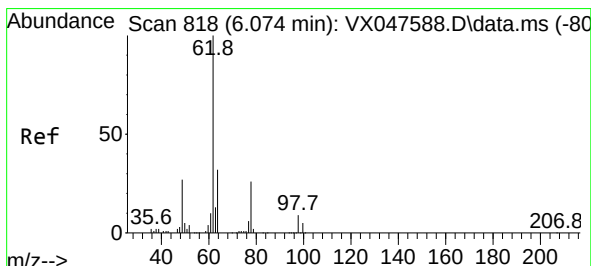
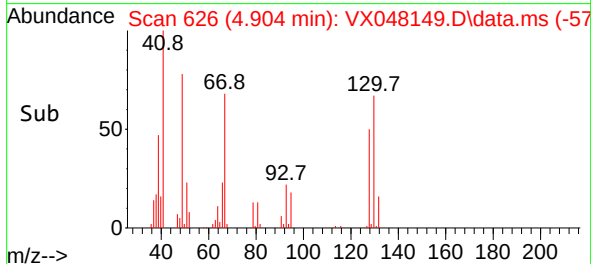
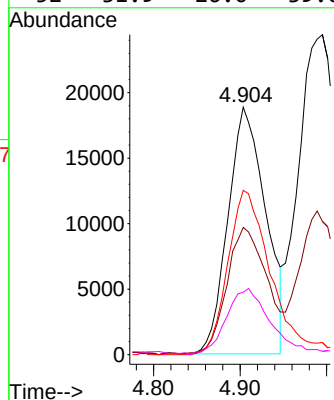
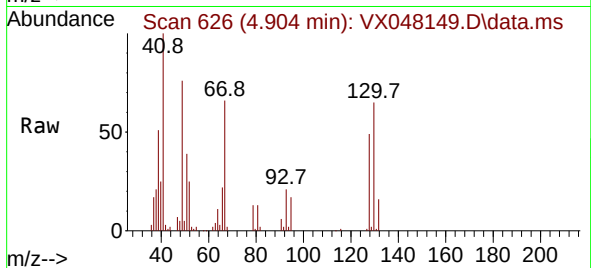




#41
Methacrylonitrile
Concen: 46.442 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

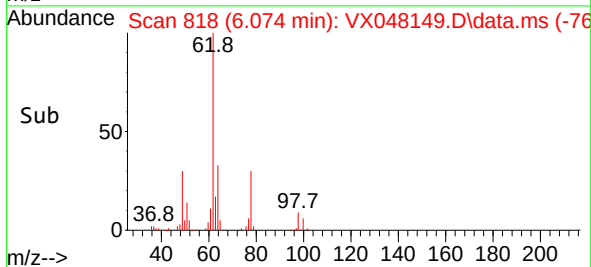
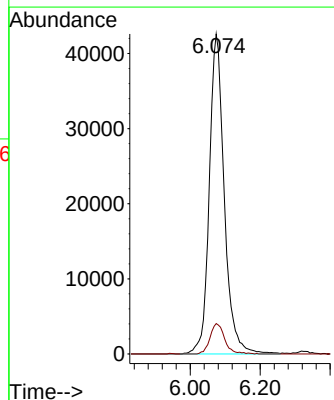
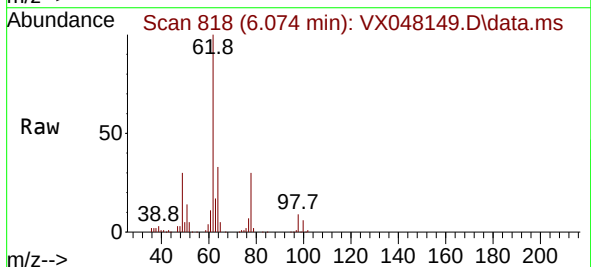
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

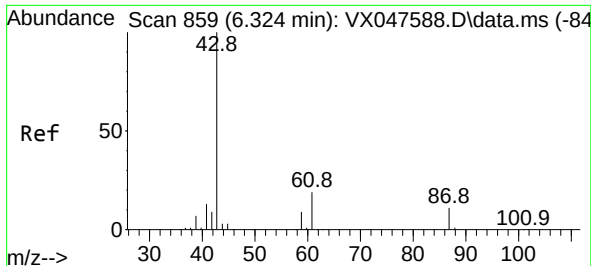
Tgt Ion:	41	Resp:	57050
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.3	64.9
67	76.9	58.6	87.8
52	31.9	26.0	39.0



#42
1,2-Dichloroethane
Concen: 49.316 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:	62	Resp:	126655
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.0

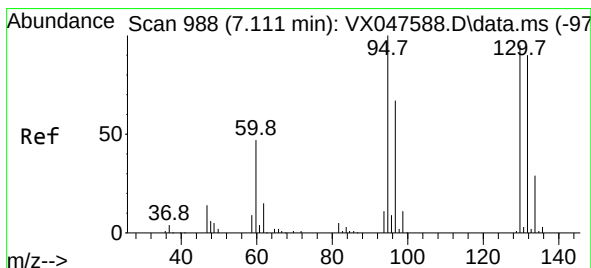
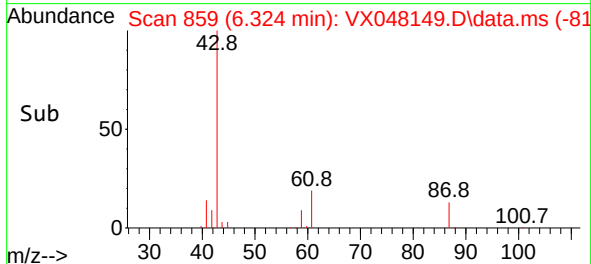
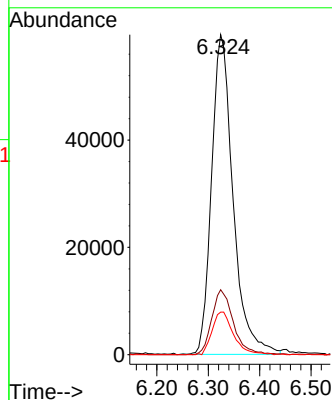
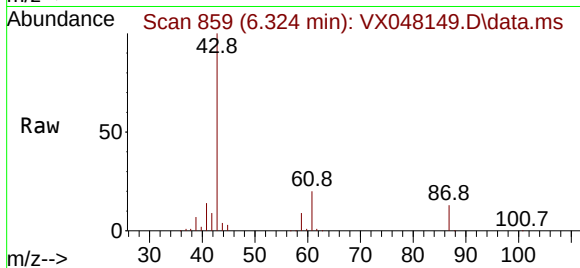




#43
Isopropyl Acetate
Concen: 44.272 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

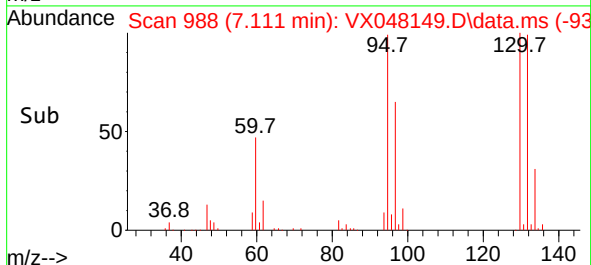
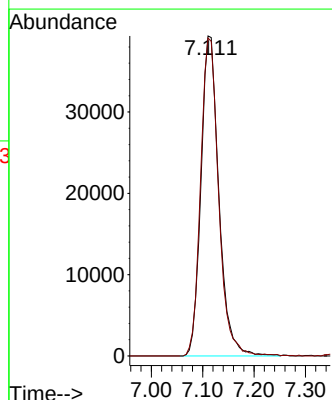
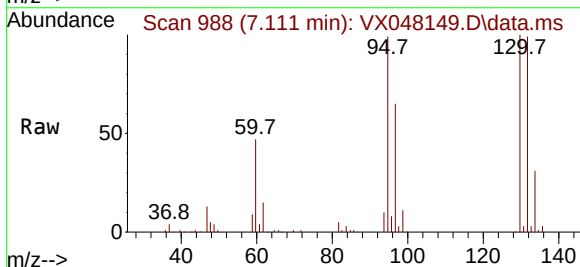
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

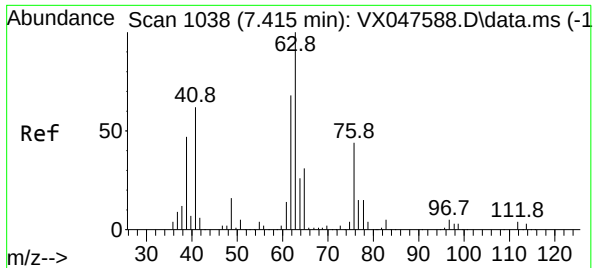
Tgt Ion: 43 Resp: 172771
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 13.3 9.6 14.4



#44
Trichloroethene
Concen: 58.302 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:130 Resp: 95140
Ion Ratio Lower Upper
130 100
95 99.3 0.0 210.8

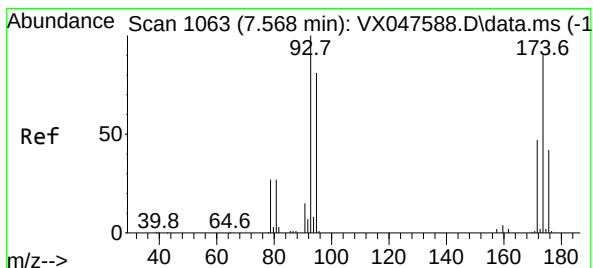
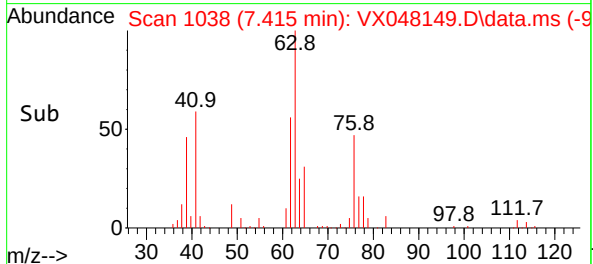
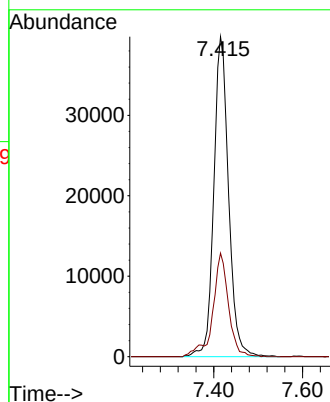
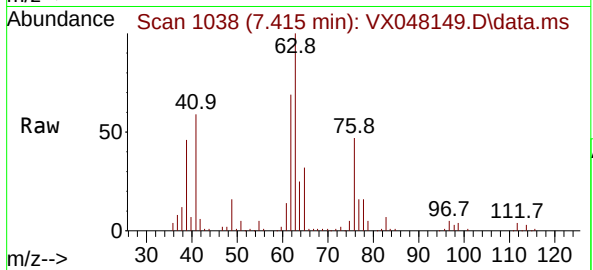




#45
1,2-Dichloropropane
Concen: 53.007 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

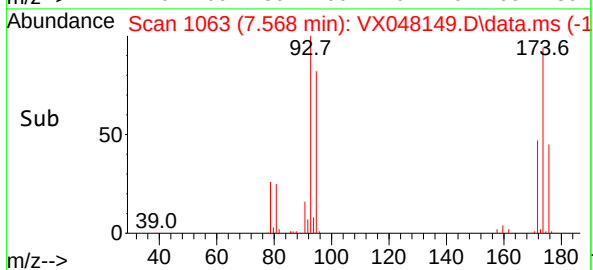
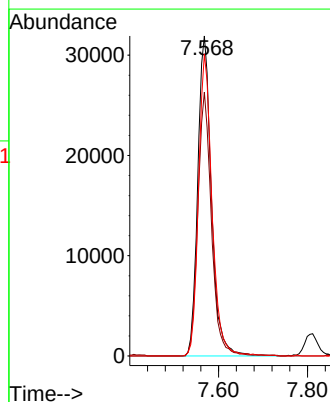
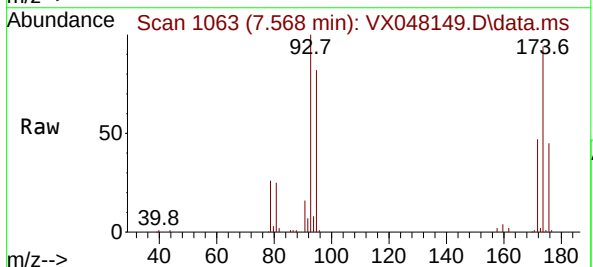
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

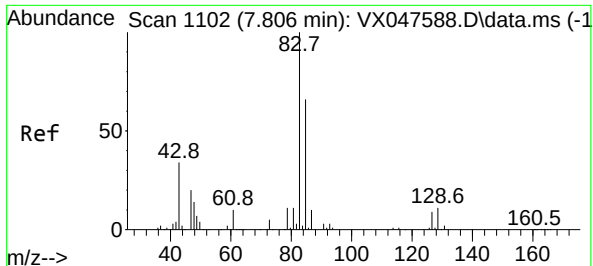
Tgt Ion: 63 Resp: 91615
Ion Ratio Lower Upper
63 100
65 32.3 24.7 37.1



#46
Dibromomethane
Concen: 54.267 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 93 Resp: 68254
Ion Ratio Lower Upper
93 100
95 81.6 65.0 97.6
174 93.5 71.6 107.4

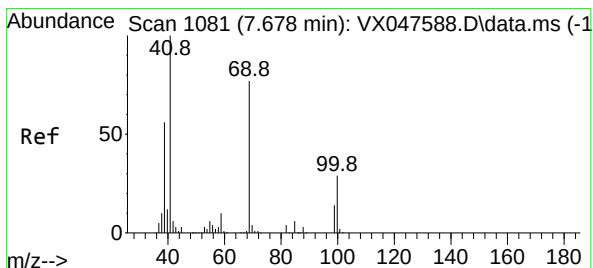
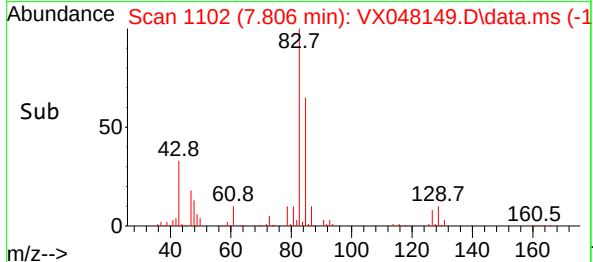
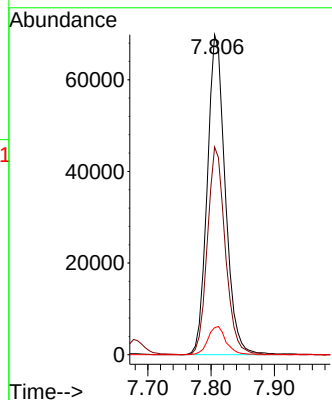
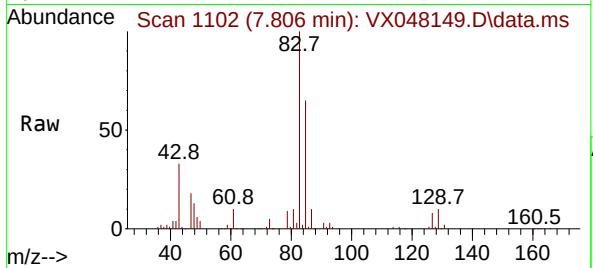




#47
Bromodichloromethane
Concen: 53.191 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

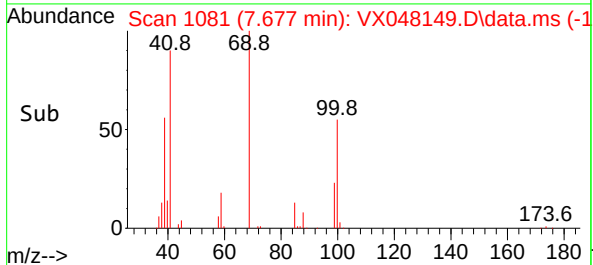
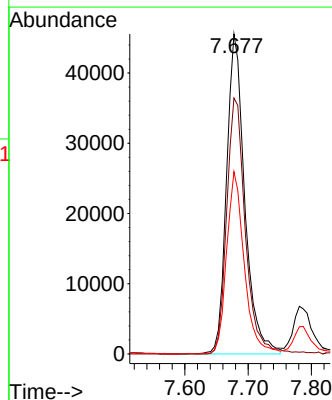
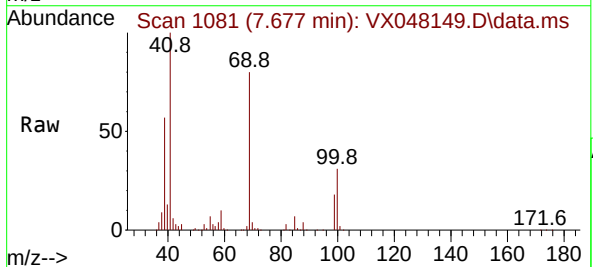
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

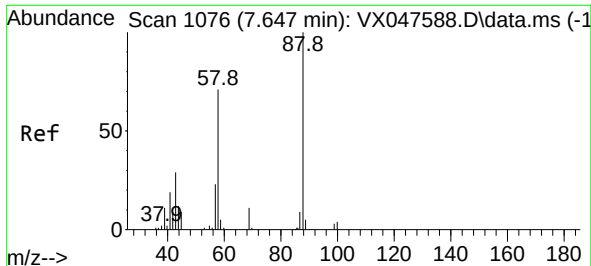
Tgt Ion: 83 Resp: 138052
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 46.787 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 41 Resp: 90949
Ion Ratio Lower Upper
41 100
69 82.5 61.4 92.2
39 55.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1133.364 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

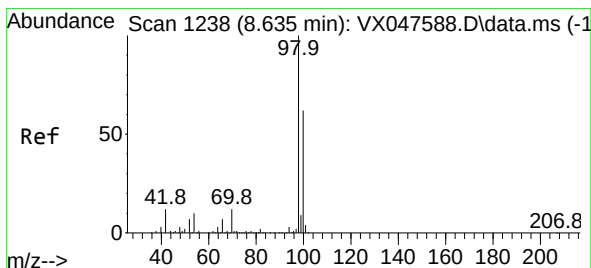
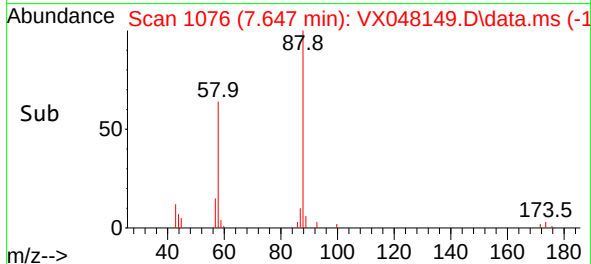
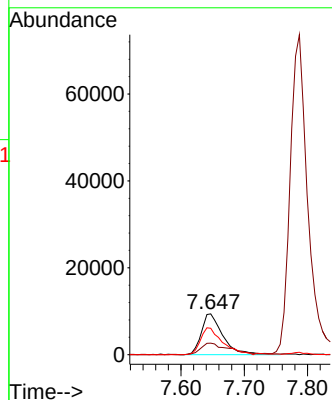
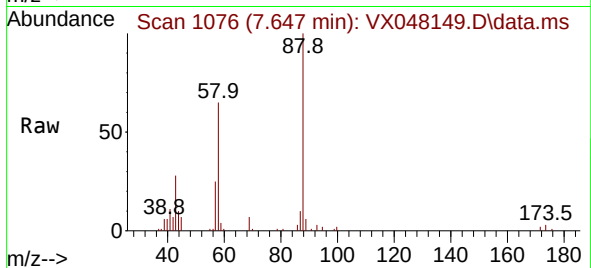
Tgt Ion: 88 Resp: 22265

Ion Ratio Lower Upper

88 100

43 36.8 30.2 45.2

58 66.5 59.5 89.3



#50

Toluene-d8

Concen: 54.743 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048149.D

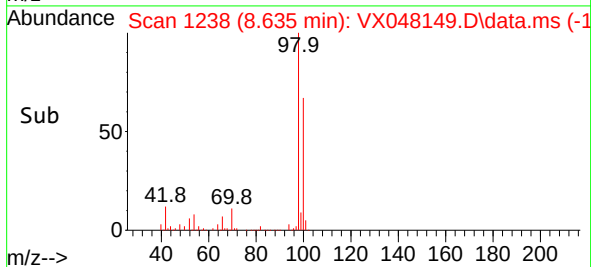
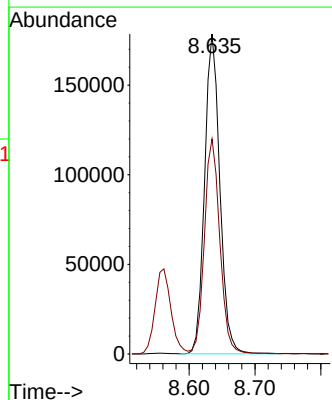
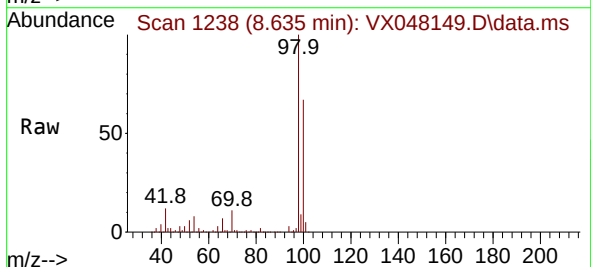
Acq: 13 Oct 2025 17:33

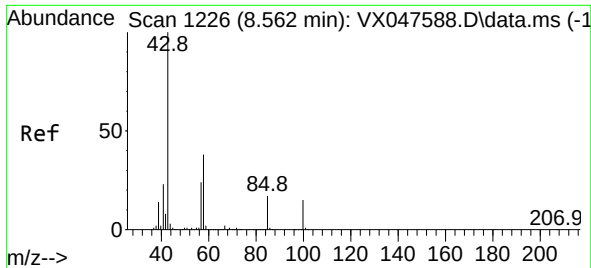
Tgt Ion: 98 Resp: 288082

Ion Ratio Lower Upper

98 100

100 68.1 53.0 79.4

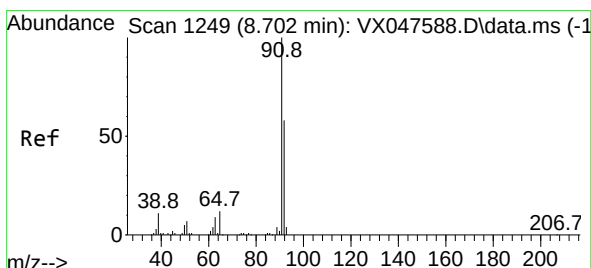
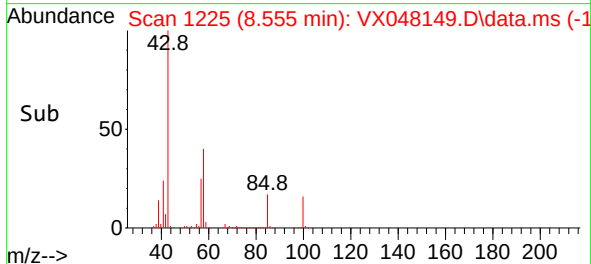
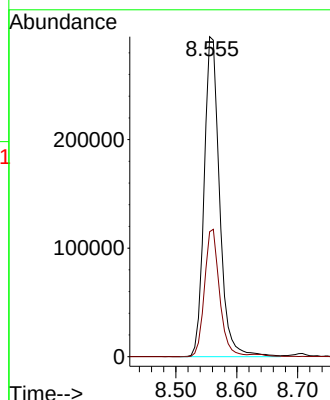
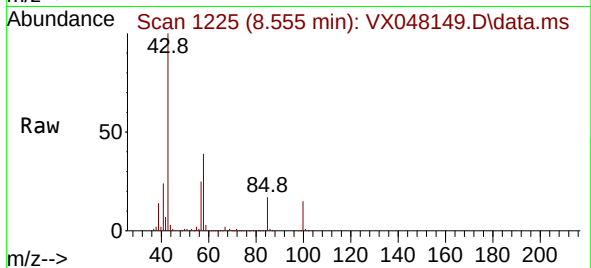




#51
4-Methyl-2-Pentanone
Concen: 240.488 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

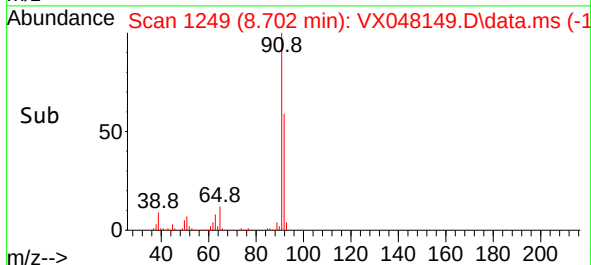
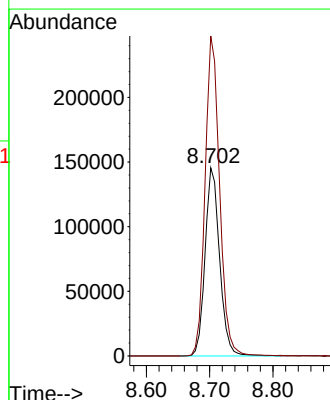
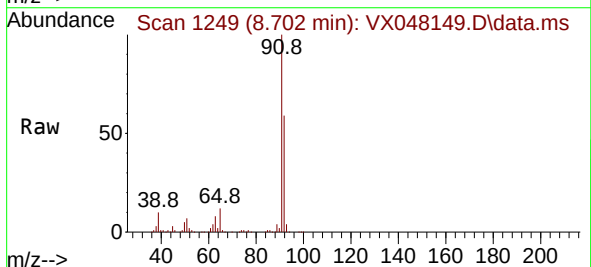
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

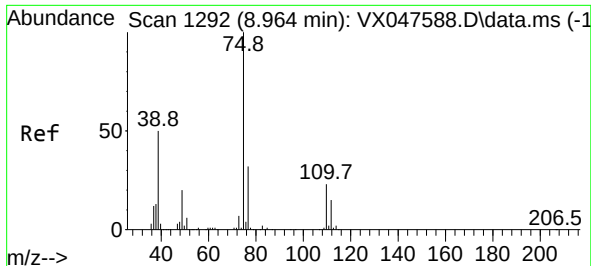
Tgt Ion: 43 Resp: 520350
Ion Ratio Lower Upper
43 100
58 38.9 30.3 45.5



#52
Toluene
Concen: 55.981 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 92 Resp: 232798
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.686 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

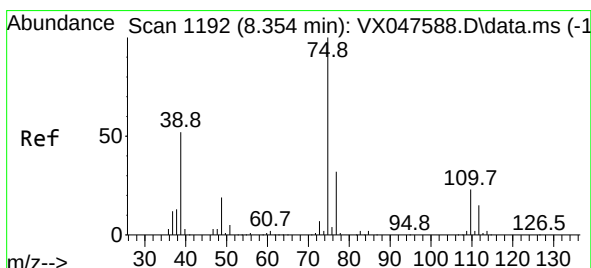
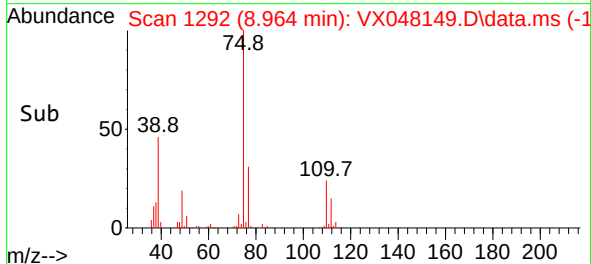
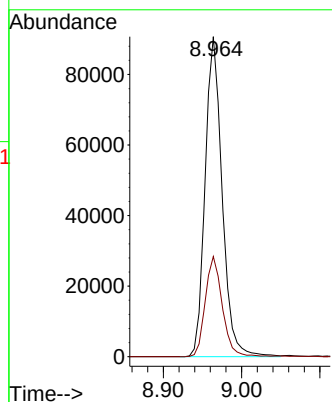
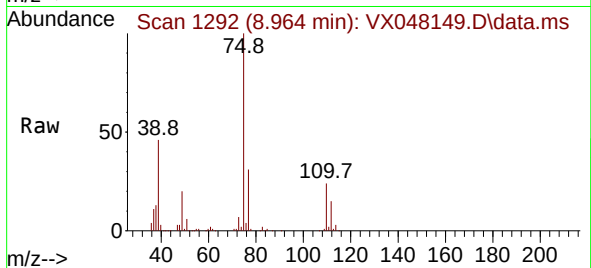
MW-219MS

Tgt Ion: 75 Resp: 136832

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.353 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

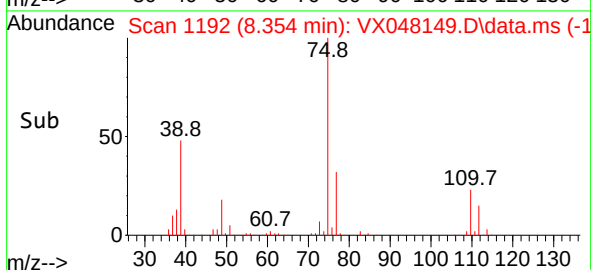
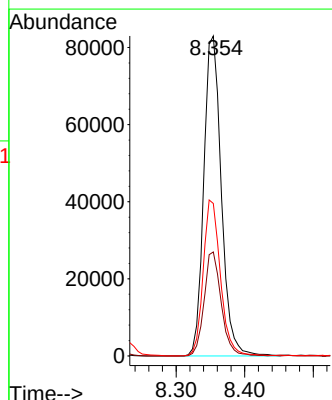
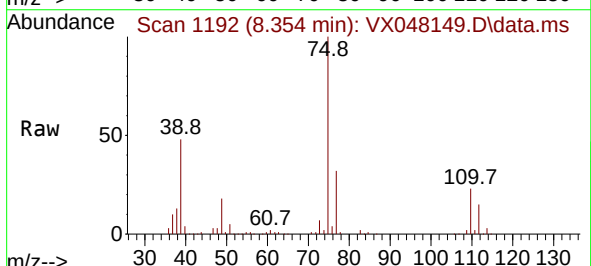
Tgt Ion: 75 Resp: 148138

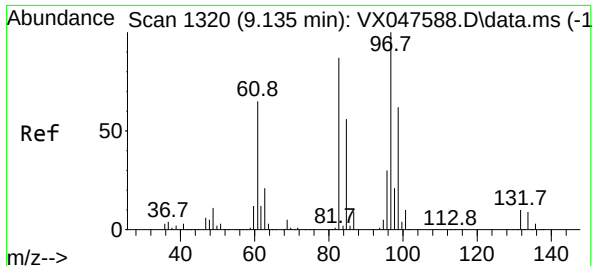
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 47.6 41.4 62.2

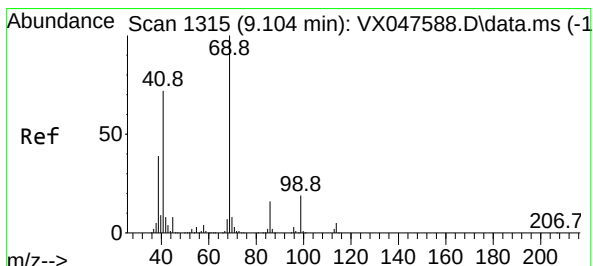
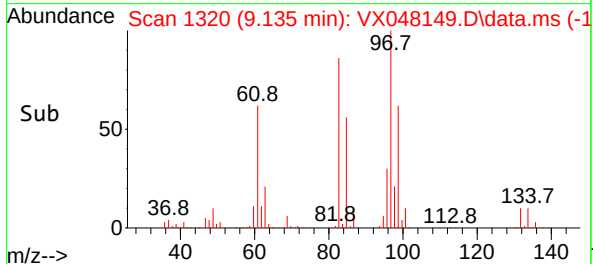
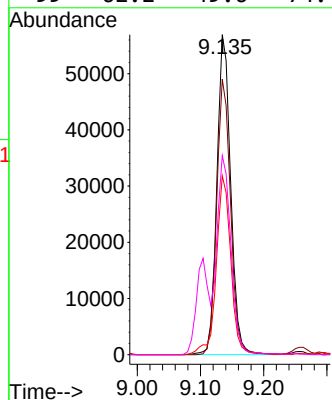
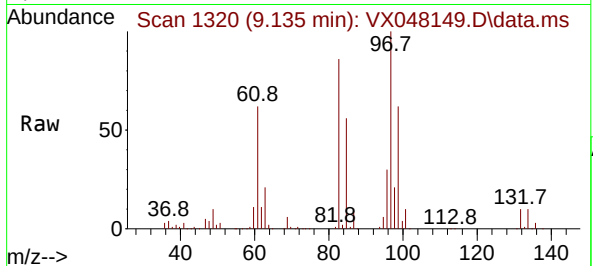




#55
1,1,2-Trichloroethane
Concen: 53.713 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

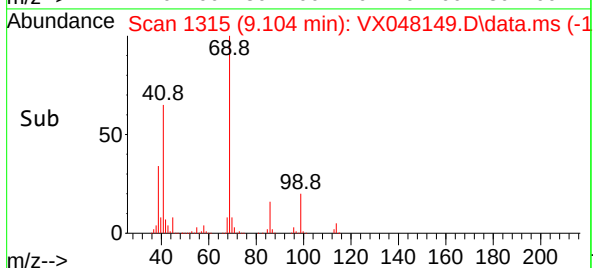
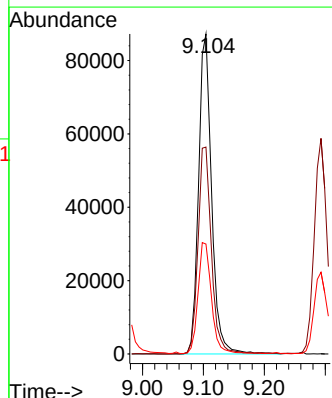
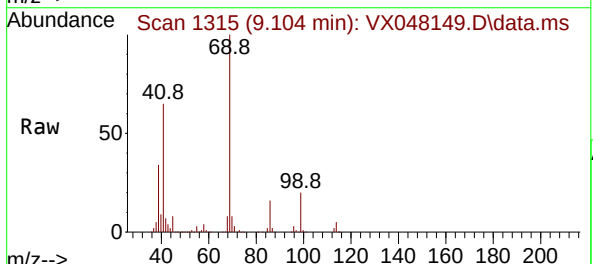
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

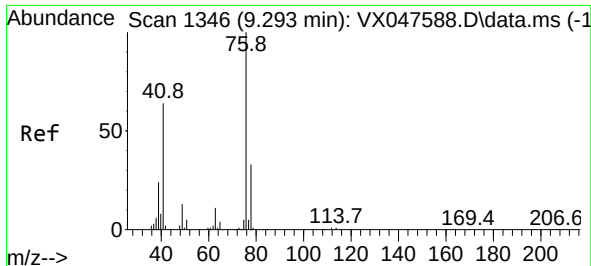
Tgt Ion:	97	Resp:	86130
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	55.9	45.0	67.6
99	62.2	49.6	74.4



#56
Ethyl methacrylate
Concen: 51.476 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:	69	Resp:	129630
Ion	Ratio	Lower	Upper
69	100		
41	66.7	58.6	87.8
39	35.7	31.5	47.3





#57

1,3-Dichloropropane

Concen: 54.051 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

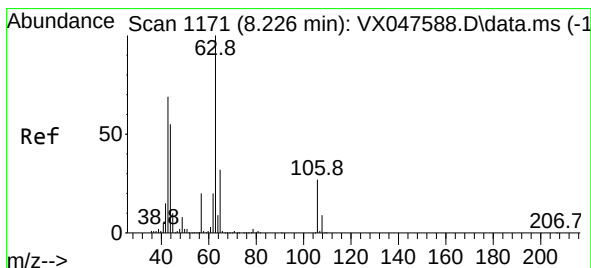
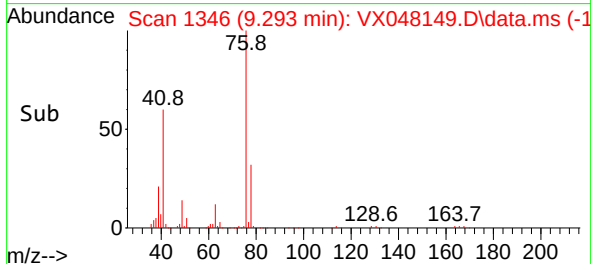
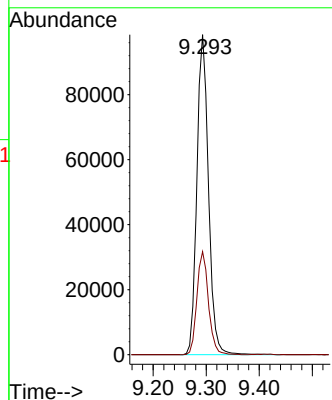
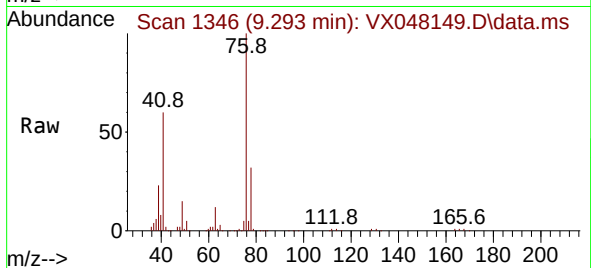
MW-219MS

Tgt Ion: 76 Resp: 148888

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.506 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048149.D

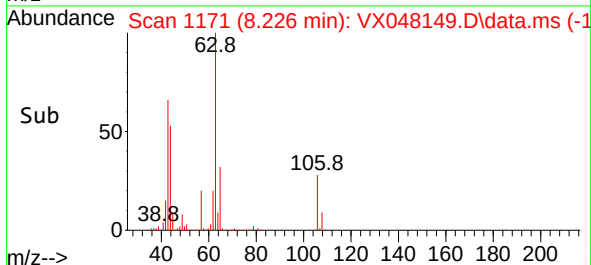
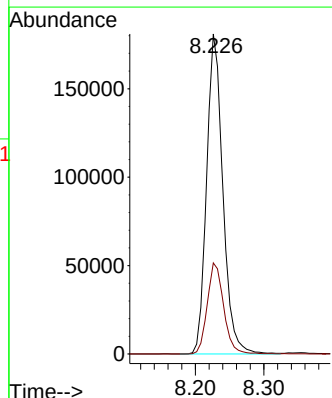
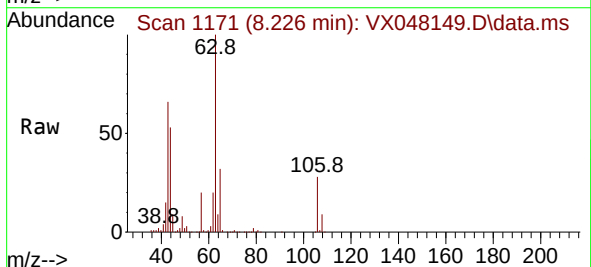
Acq: 13 Oct 2025 17:33

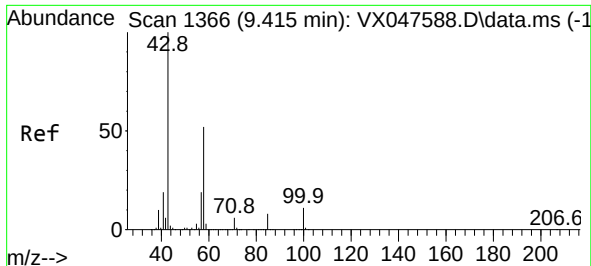
Tgt Ion: 63 Resp: 298842

Ion Ratio Lower Upper

63 100

106 28.8 21.9 32.9

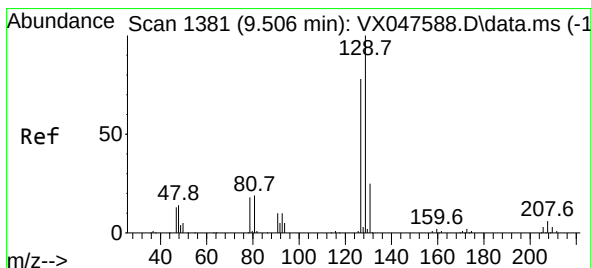
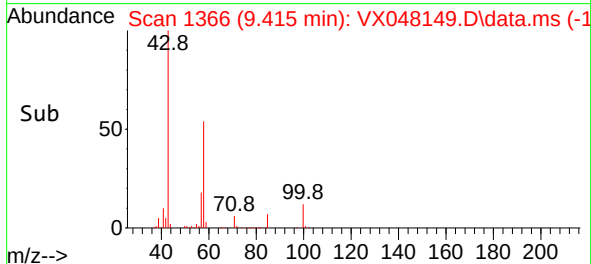
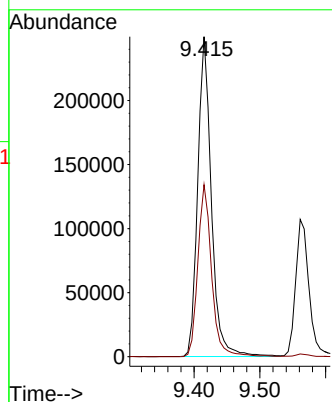
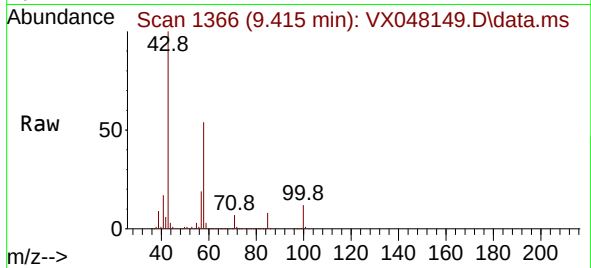




#59
2-Hexanone
Concen: 230.835 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

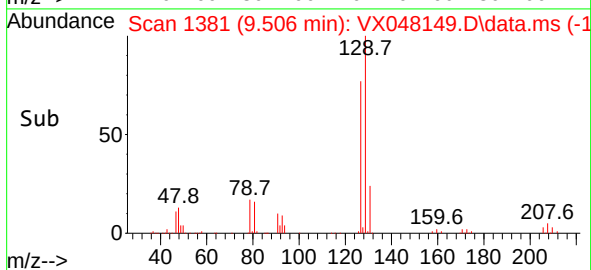
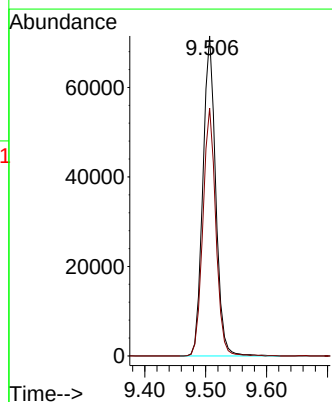
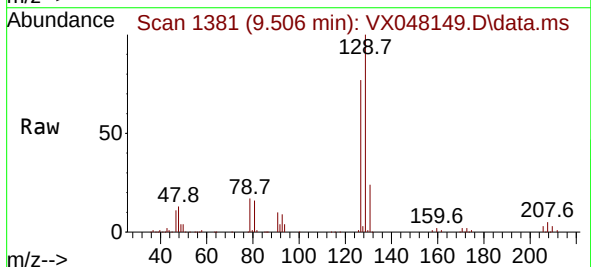
Instrument : MSVOA_X
ClientSampleId : MW-219MS

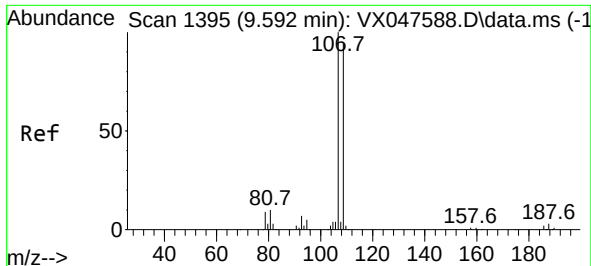
Tgt Ion: 43 Resp: 358717
Ion Ratio Lower Upper
43 100
58 54.4 26.1 78.2



#60
Dibromochloromethane
Concen: 56.607 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 129 Resp: 104588
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2

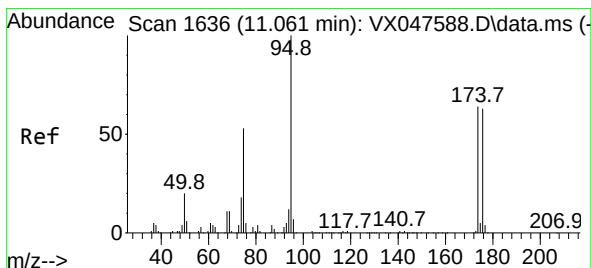
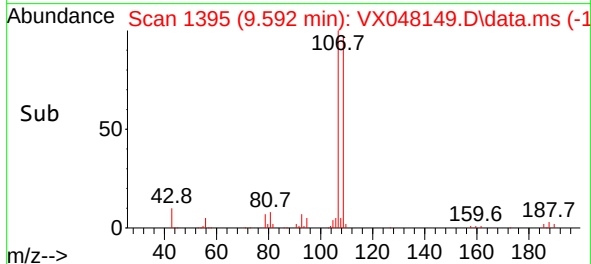
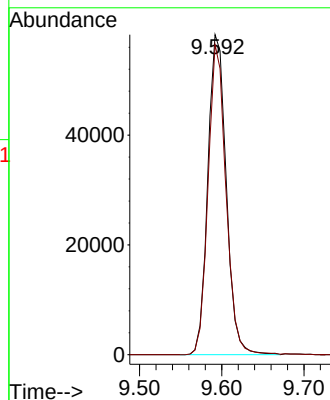
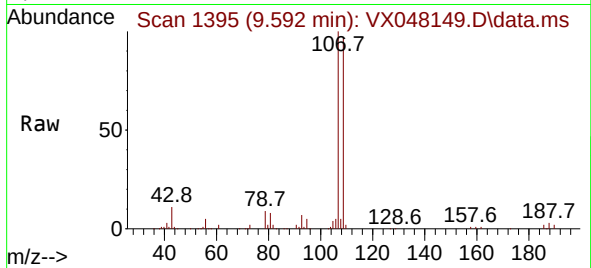




#61
1,2-Dibromoethane
Concen: 55.428 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

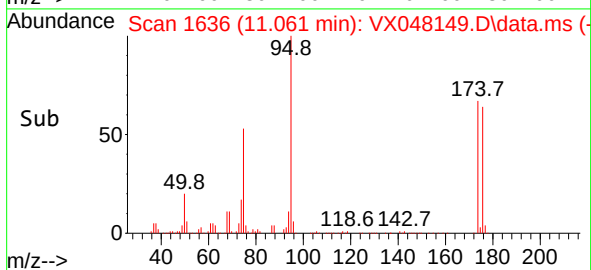
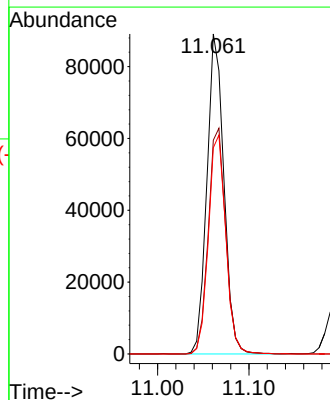
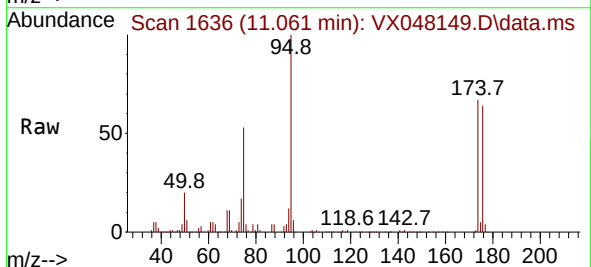
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

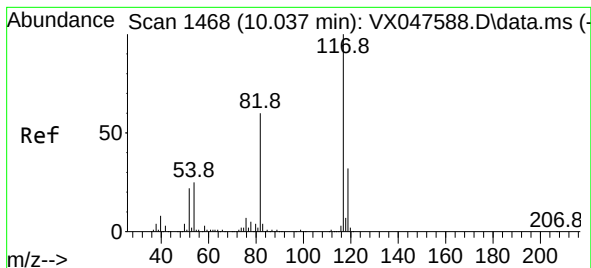
Tgt Ion:107 Resp: 90529
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 57.396 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 95 Resp: 114631
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

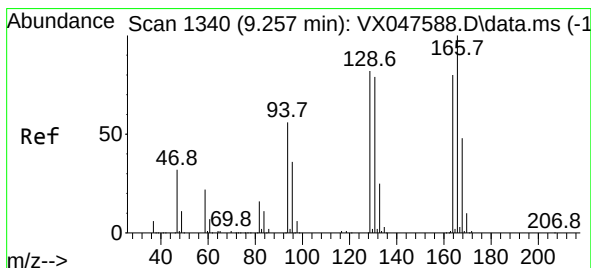
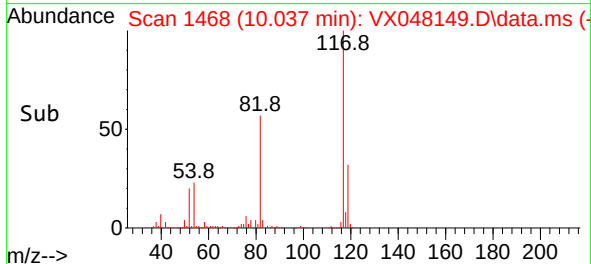
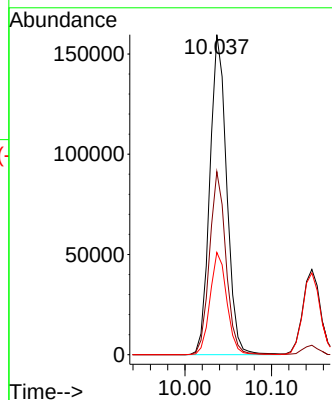
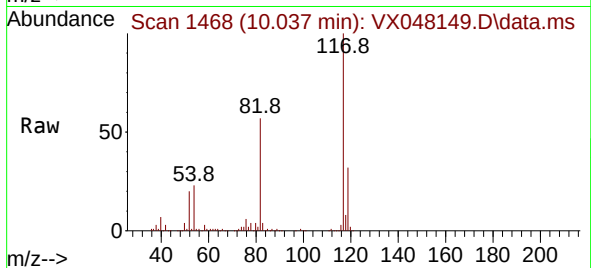
Tgt Ion:117 Resp: 215690

Ion Ratio Lower Upper

117 100

82 57.2 47.8 71.6

119 32.0 25.2 37.8



#64

Tetrachloroethene

Concen: 60.843 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Tgt Ion:164 Resp: 85550

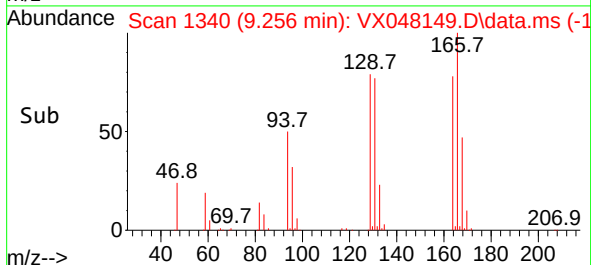
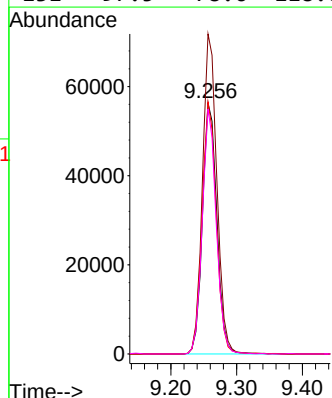
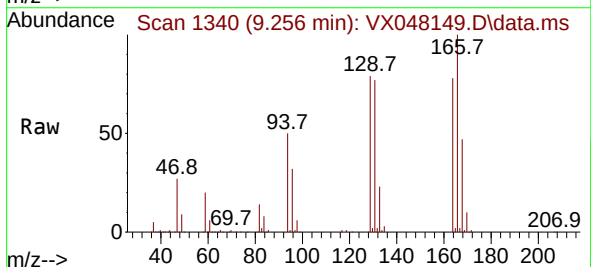
Ion Ratio Lower Upper

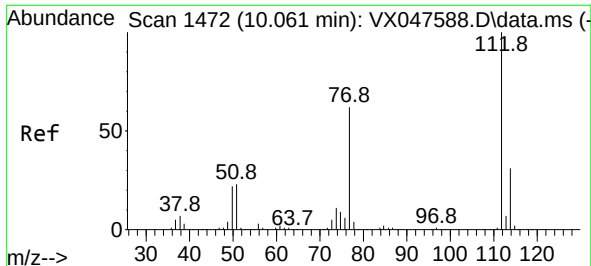
164 100

166 127.5 100.2 150.2

129 100.3 81.8 122.6

131 97.5 78.6 118.0

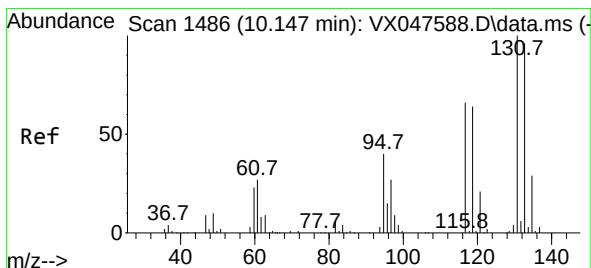
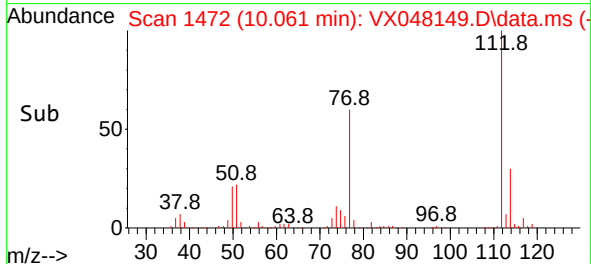
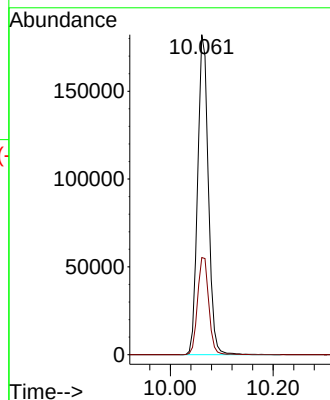
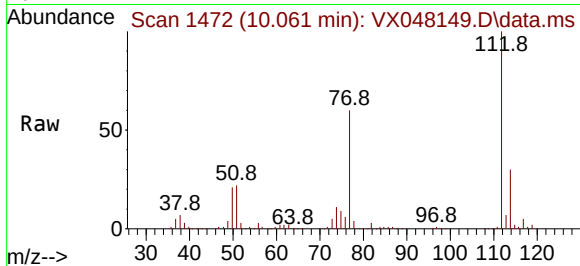




#65
Chlorobenzene
Concen: 53.741 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

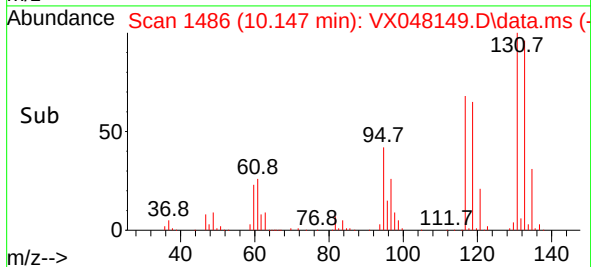
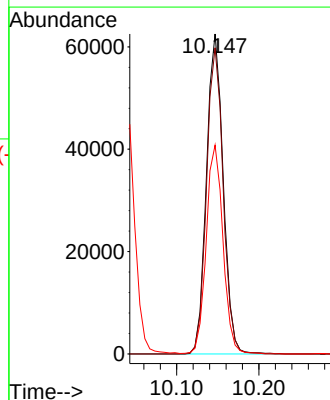
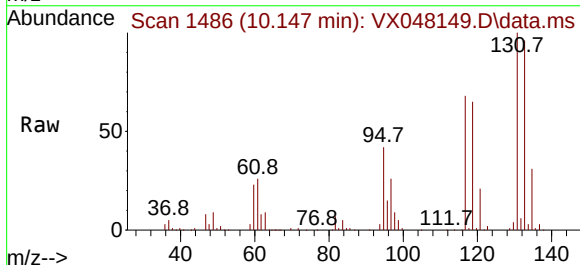
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

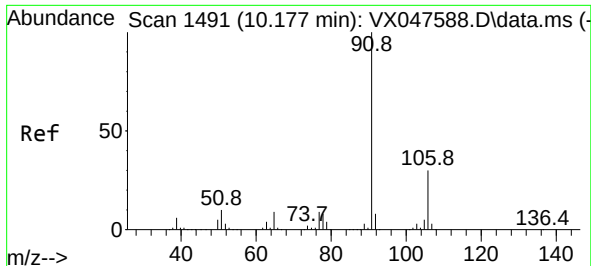
Tgt Ion:112 Resp: 263333
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.346 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:131 Resp: 88510
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 65.4 32.0 96.0





#67

Ethyl Benzene

Concen: 53.169 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

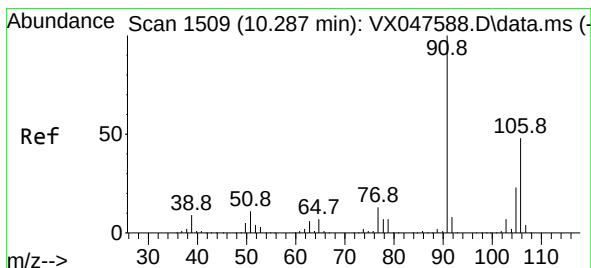
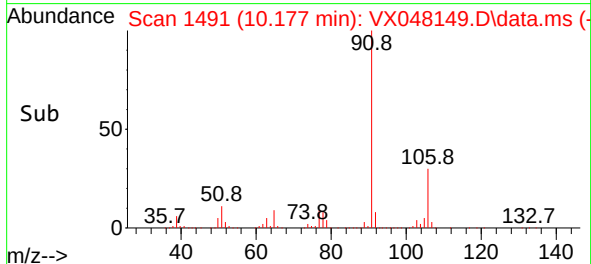
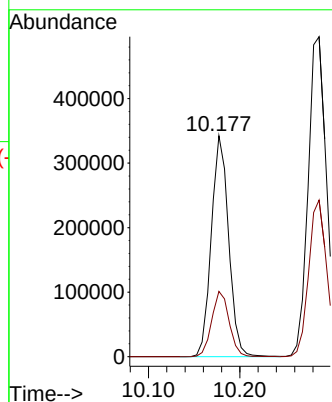
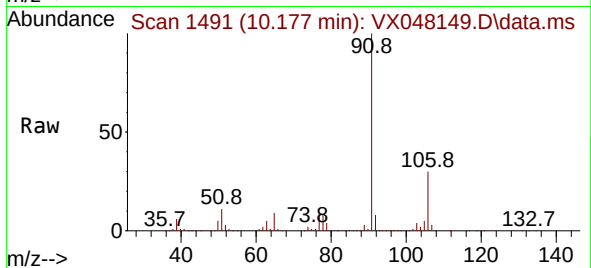
MW-219MS

Tgt Ion: 91 Resp: 449527

Ion Ratio Lower Upper

91 100

106 29.5 24.3 36.5



#68

m/p-Xylenes

Concen: 107.678 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048149.D

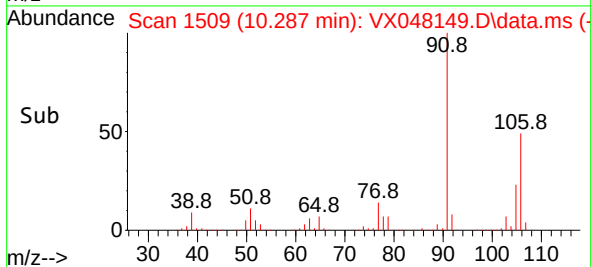
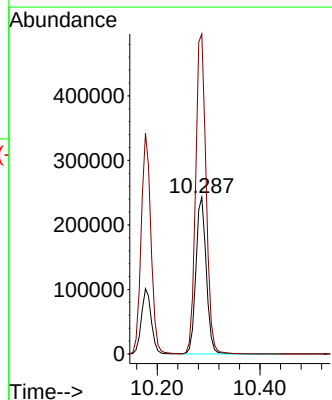
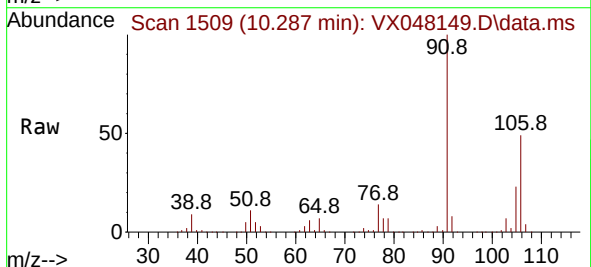
Acq: 13 Oct 2025 17:33

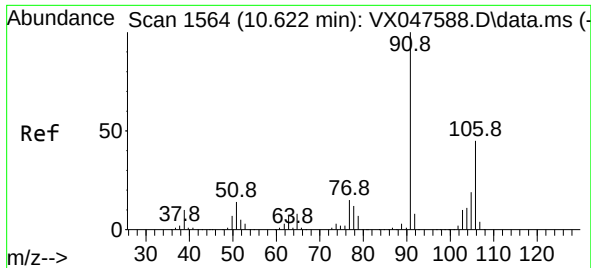
Tgt Ion:106 Resp: 338851

Ion Ratio Lower Upper

106 100

91 207.5 167.8 251.8

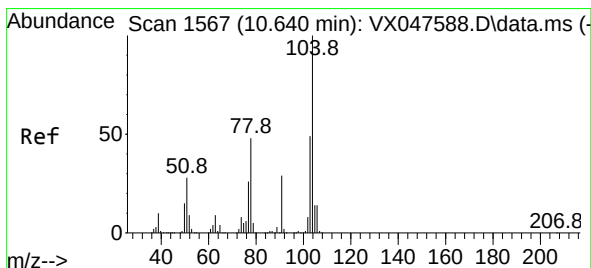
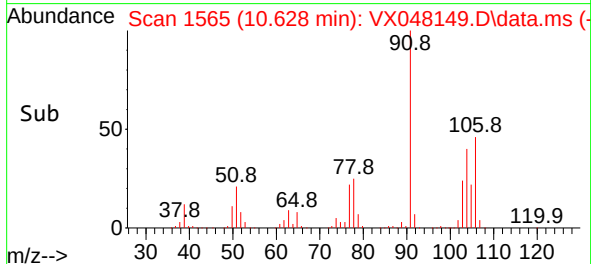
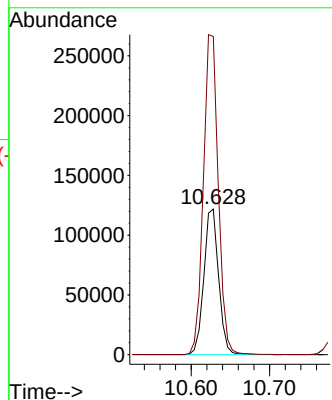
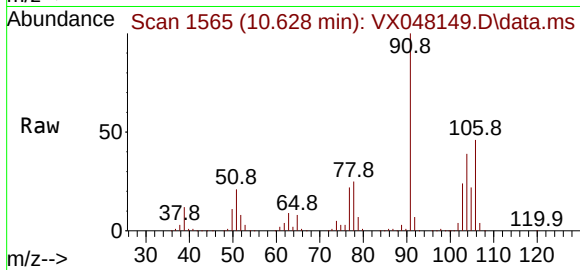




#69
o-Xylene
Concen: 52.305 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

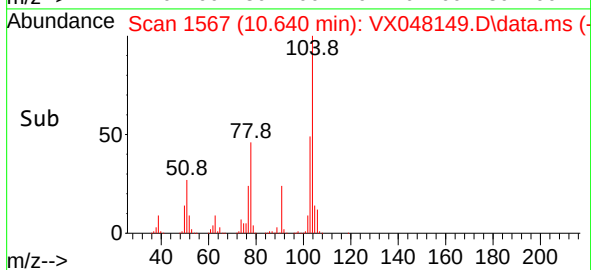
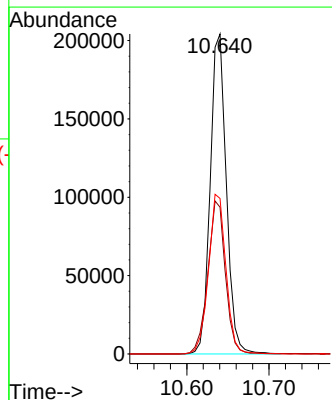
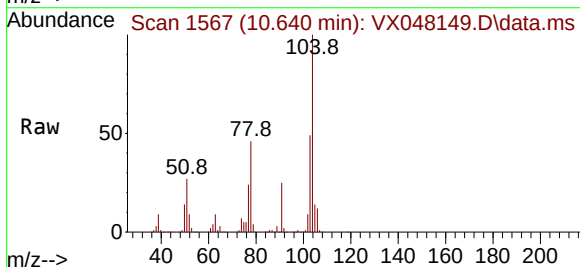
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

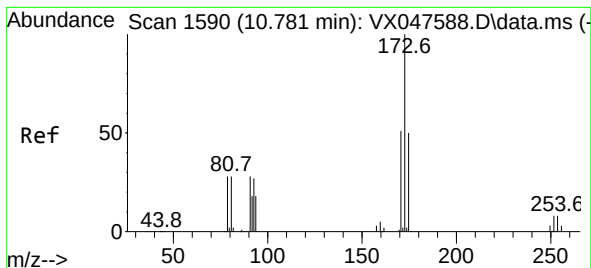
Tgt Ion:106 Resp: 159205
Ion Ratio Lower Upper
106 100
91 221.6 111.1 333.4



#70
Styrene
Concen: 52.172 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:104 Resp: 278251
Ion Ratio Lower Upper
104 100
78 52.2 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 51.880 ug/l

RT: 10.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

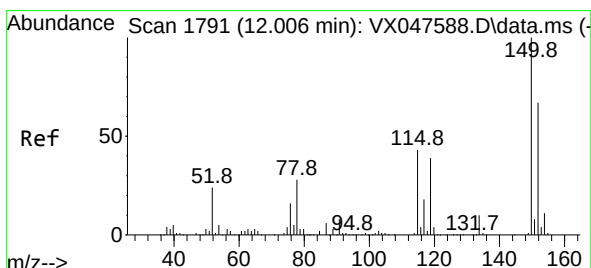
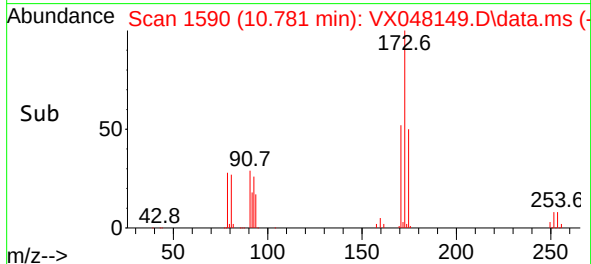
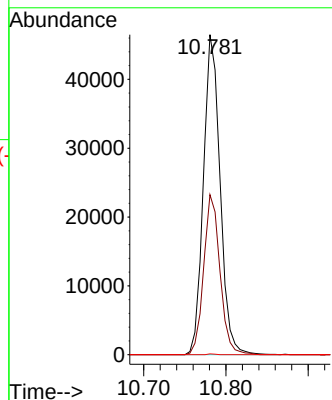
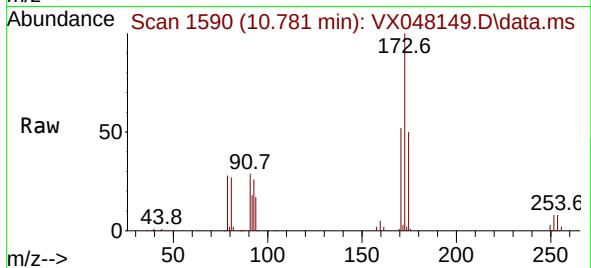
Tgt Ion:173 Resp: 65502

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

254 0.1 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: VX048149.D

Acq: 13 Oct 2025 17:33

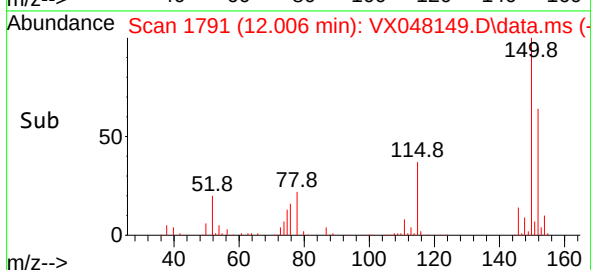
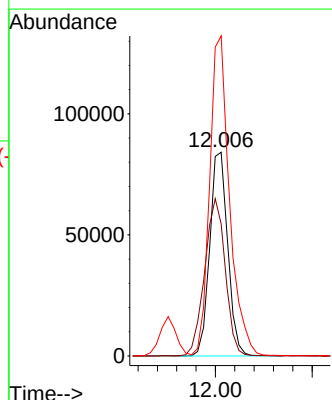
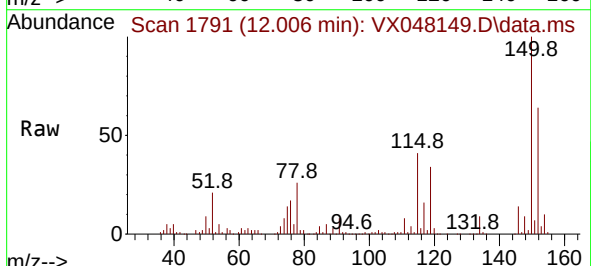
Tgt Ion:152 Resp: 108798

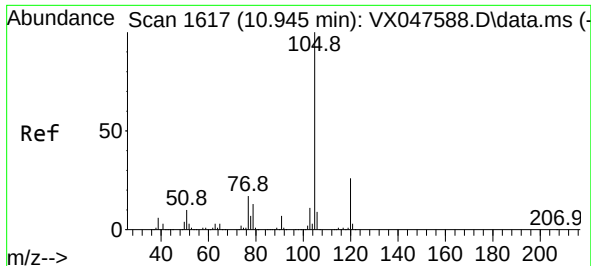
Ion Ratio Lower Upper

152 100

115 88.6 44.9 134.5

150 173.3 0.0 352.0

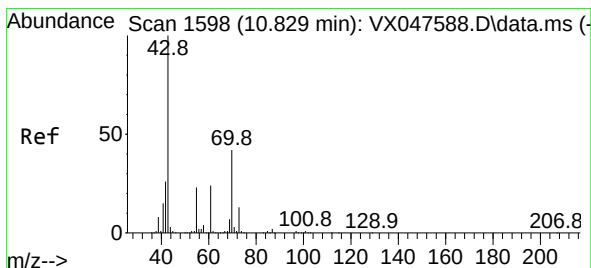
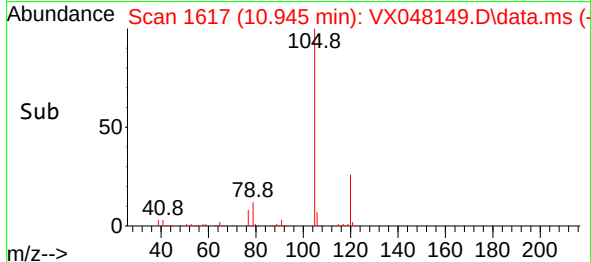
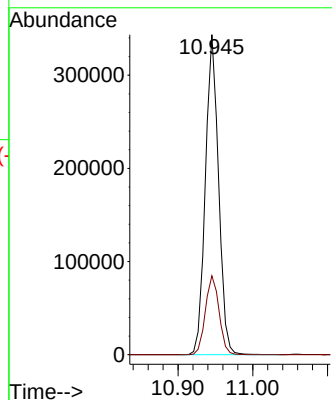
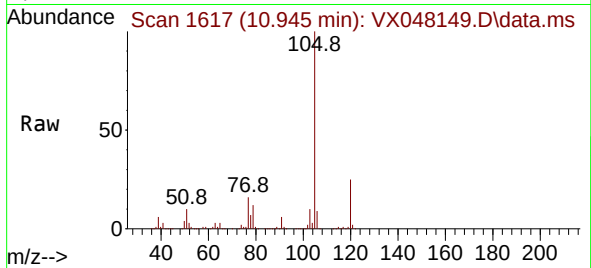




#73
Isopropylbenzene
Concen: 50.697 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

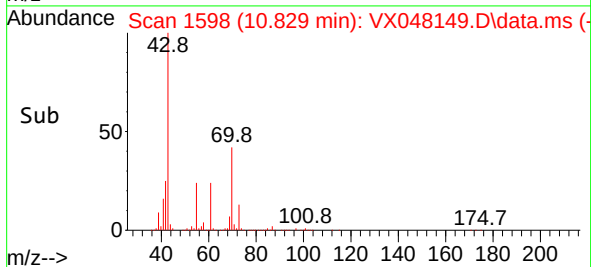
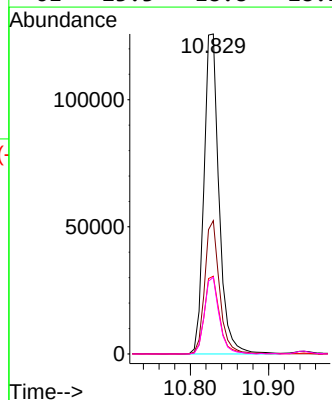
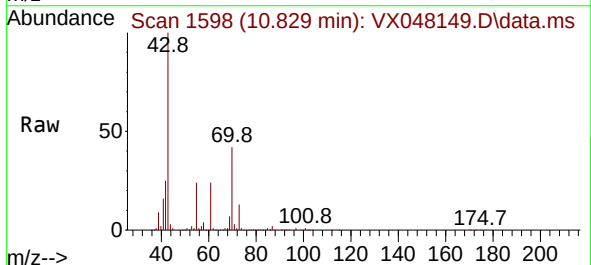
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

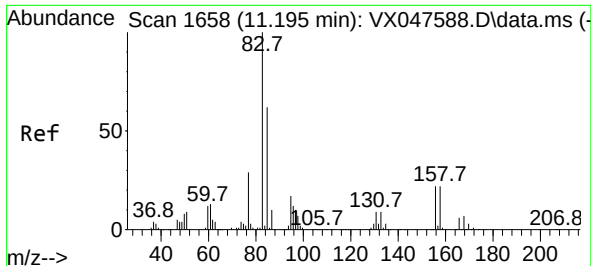
Tgt Ion:105 Resp: 419344
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 44.635 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 43 Resp: 168361
Ion Ratio Lower Upper
43 100
70 40.8 32.0 48.0
55 24.5 18.9 28.3
61 23.3 18.8 28.2

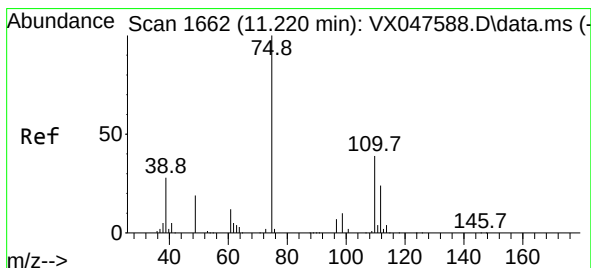
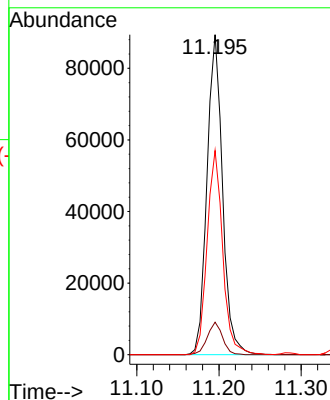
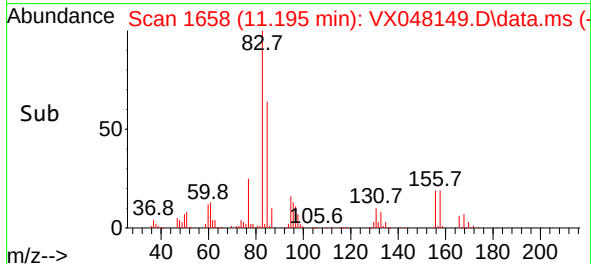
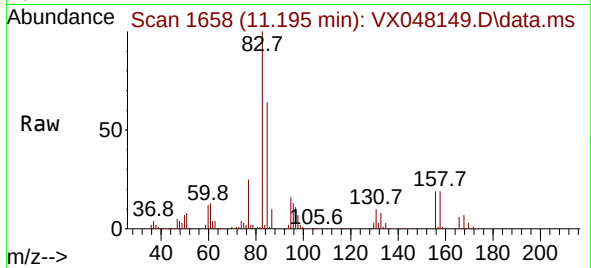




#75
1,1,2,2-Tetrachloroethane
Concen: 46.855 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

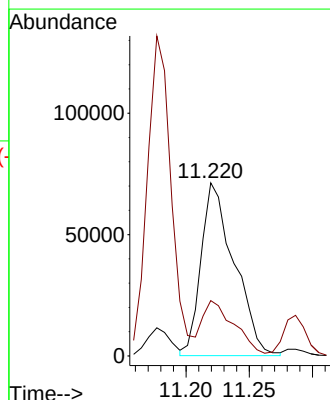
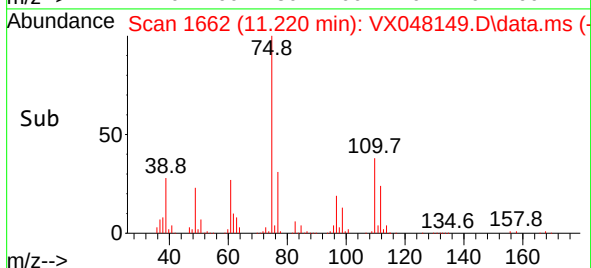
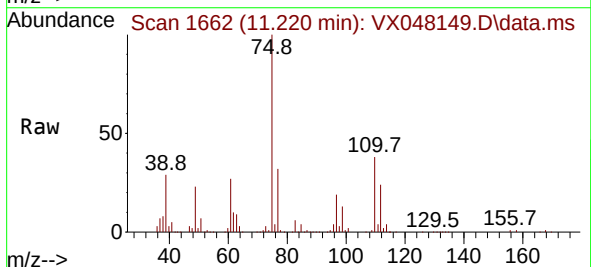
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

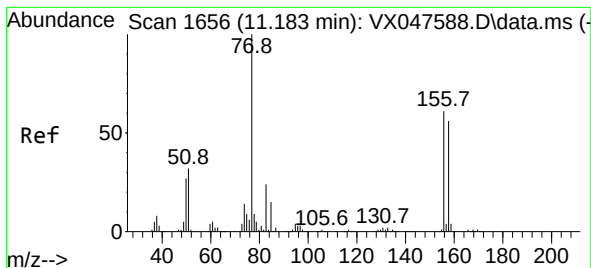
Tgt Ion: 83 Resp: 117258
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.0 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 59.138 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 75 Resp: 130271
Ion Ratio Lower Upper
75 100
77 30.2 18.8 56.4





#77

Bromobenzene

Concen: 48.671 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

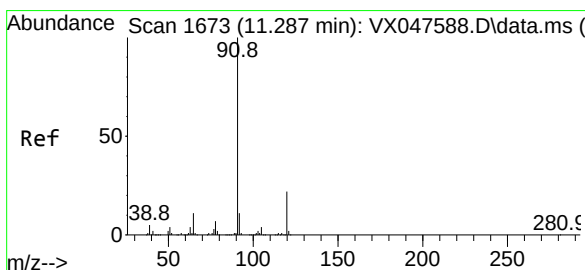
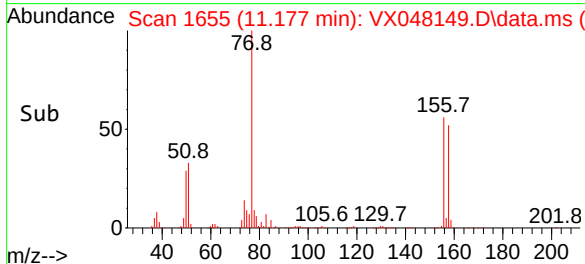
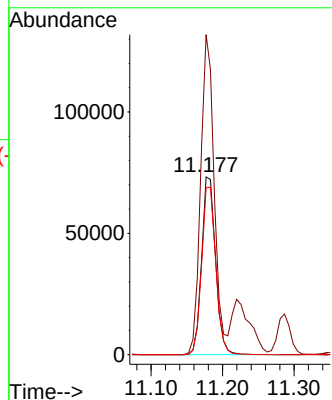
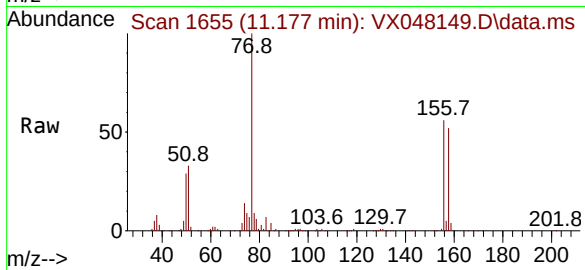
Tgt Ion:156 Resp: 99154

Ion Ratio Lower Upper

156 100

77 175.4 89.7 269.1

158 95.5 47.9 143.6



#78

n-propylbenzene

Concen: 51.541 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048149.D

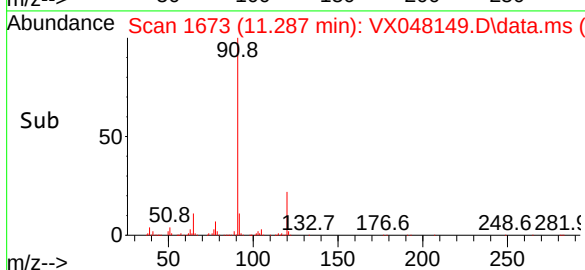
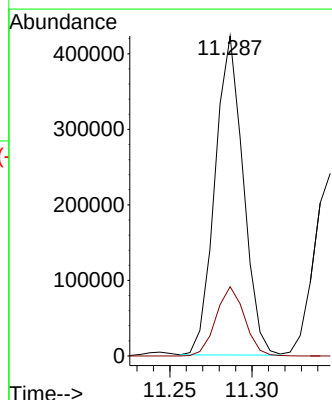
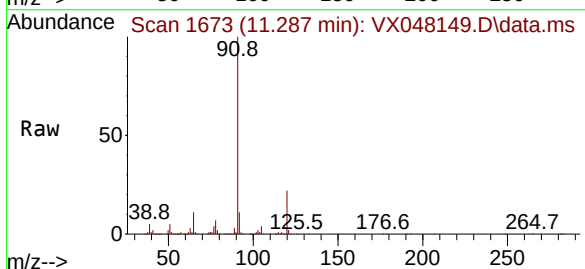
Acq: 13 Oct 2025 17:33

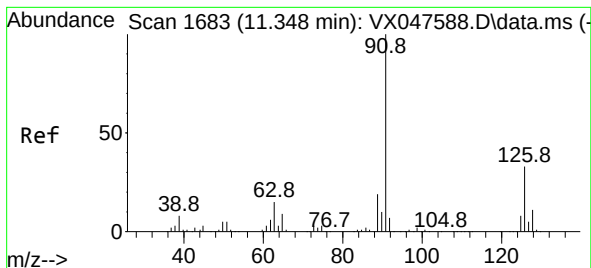
Tgt Ion: 91 Resp: 503971

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.1





#79

2-Chlorotoluene

Concen: 49.405 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

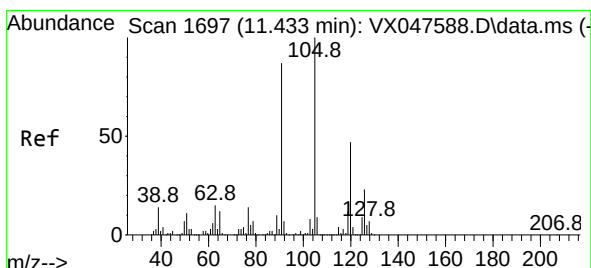
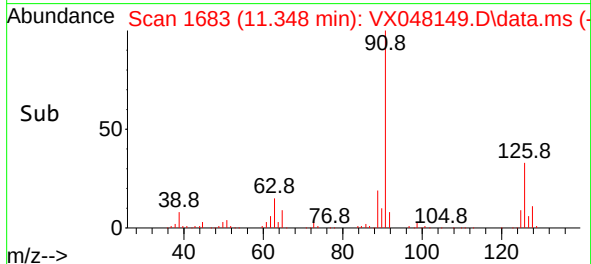
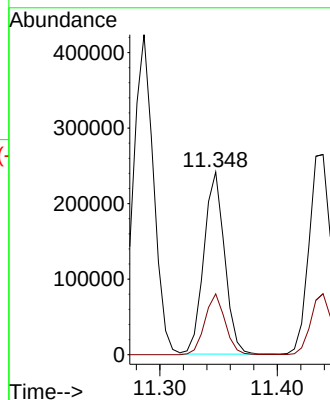
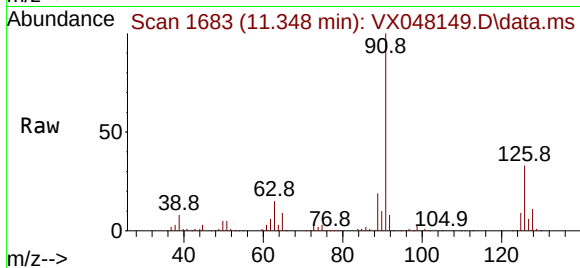
MW-219MS

Tgt Ion: 91 Resp: 295877

Ion Ratio Lower Upper

91 100

126 32.6 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 50.169 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048149.D

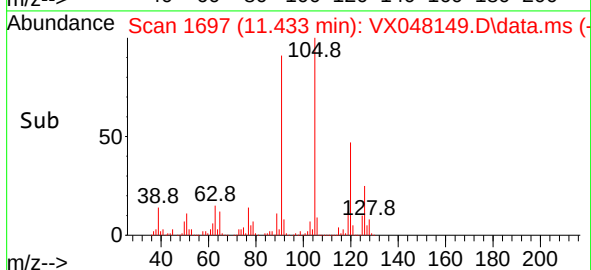
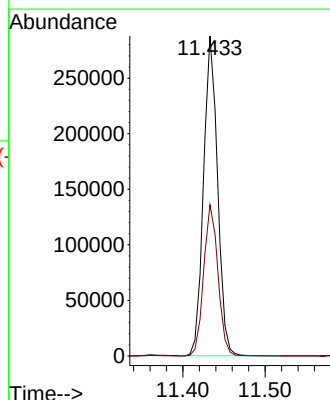
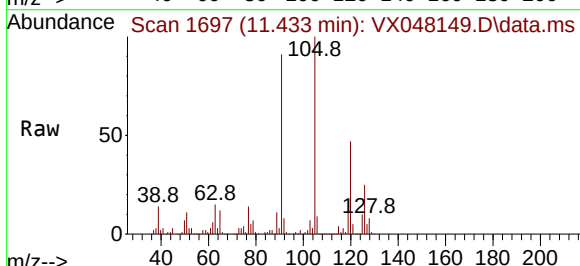
Acq: 13 Oct 2025 17:33

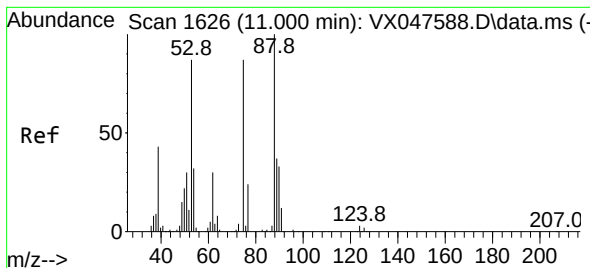
Tgt Ion:105 Resp: 340940

Ion Ratio Lower Upper

105 100

120 48.2 23.6 70.8

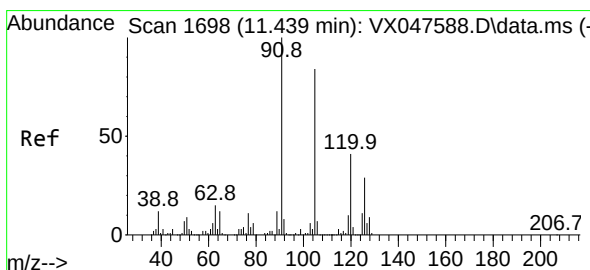
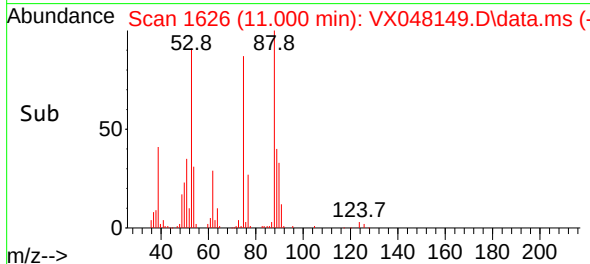
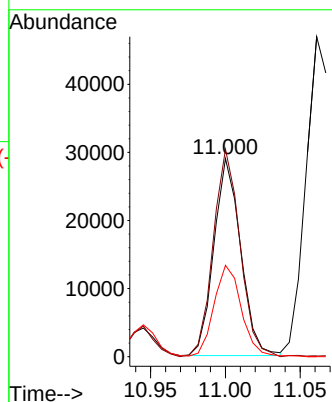
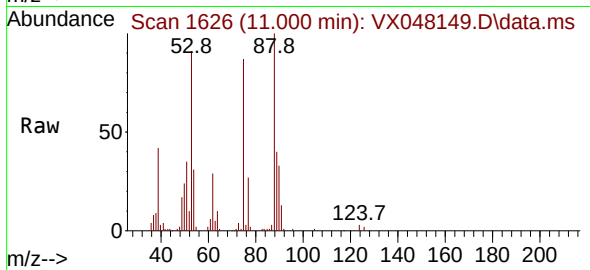




#81
trans-1,4-Dichloro-2-butene
Concen: 41.666 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

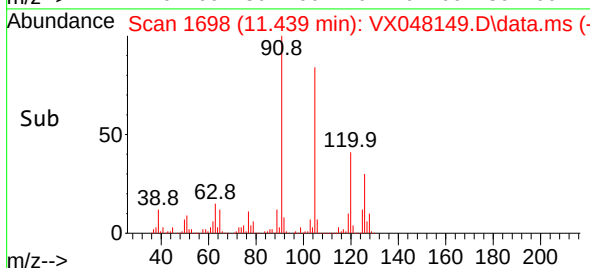
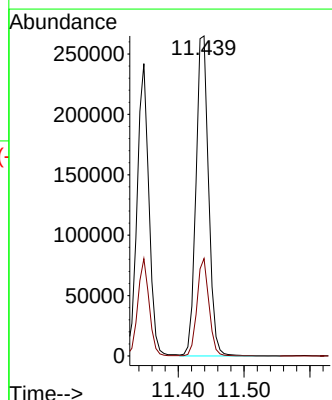
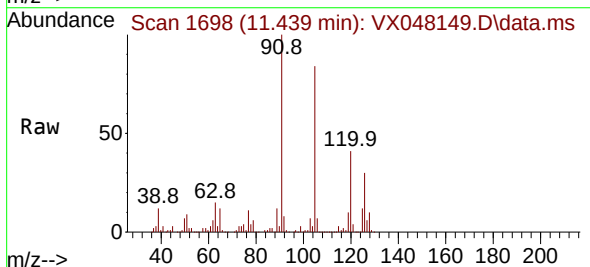
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

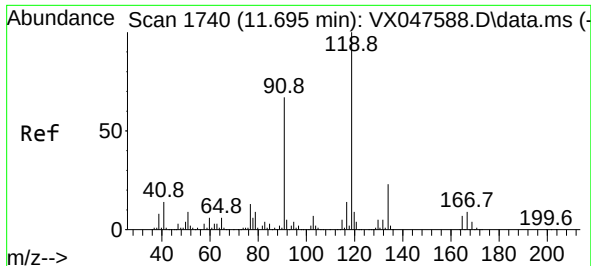
Tgt Ion: 75 Resp: 35991
Ion Ratio Lower Upper
75 100
53 105.5 83.4 125.2
89 47.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.812 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 91 Resp: 352328
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6

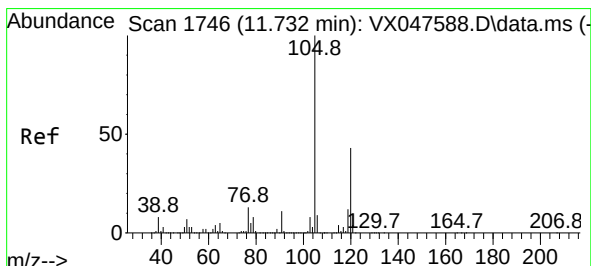
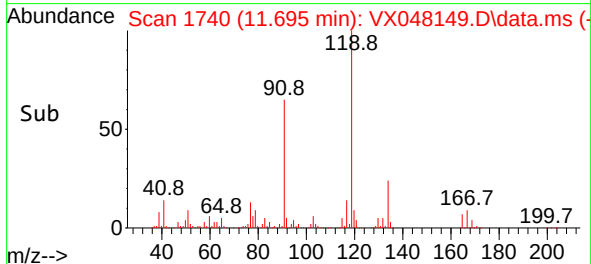
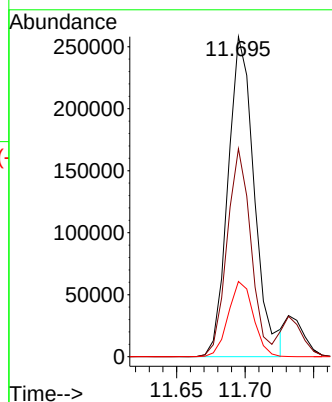
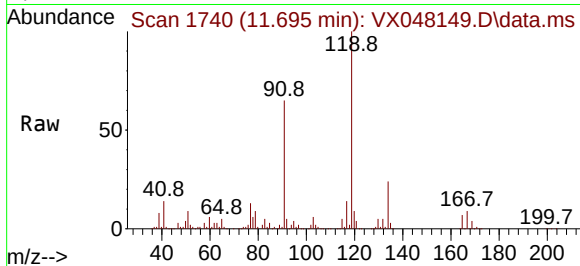




#83
tert-Butylbenzene
Concen: 49.613 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

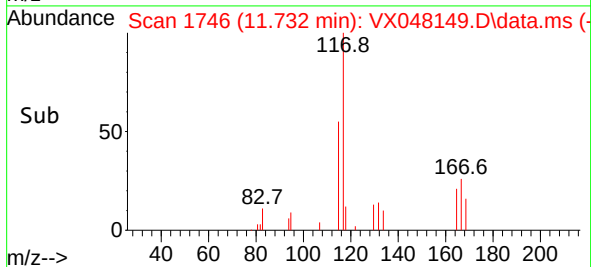
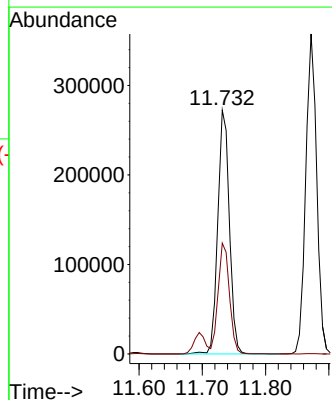
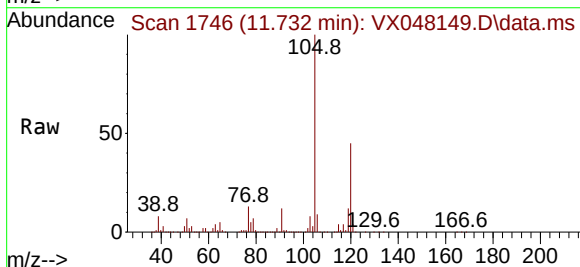
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

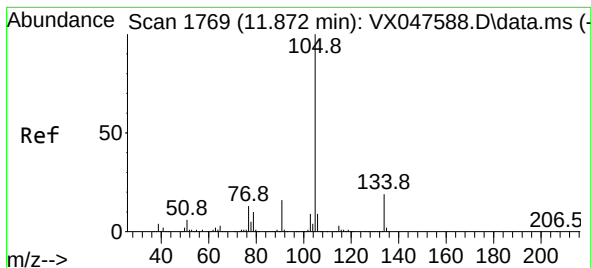
Tgt Ion:119 Resp: 345143
Ion Ratio Lower Upper
119 100
91 59.3 29.6 88.8
134 22.5 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 50.133 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion:105 Resp: 345409
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.744 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

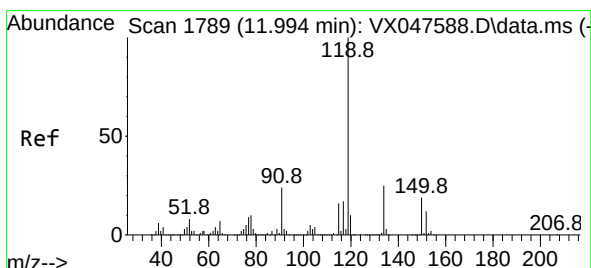
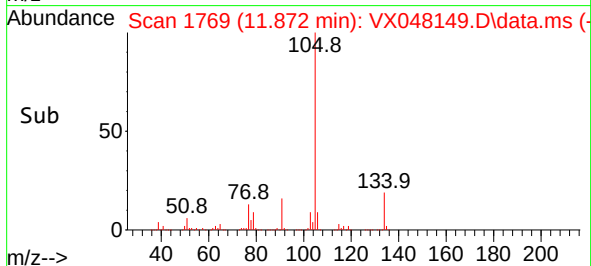
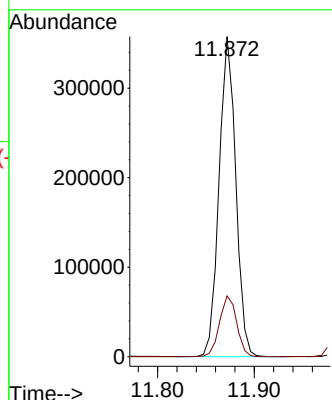
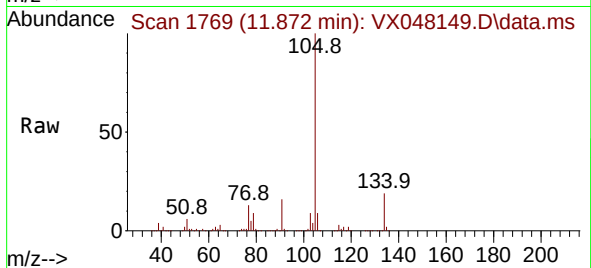
MW-219MS

Tgt Ion:105 Resp: 427570

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 50.915 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

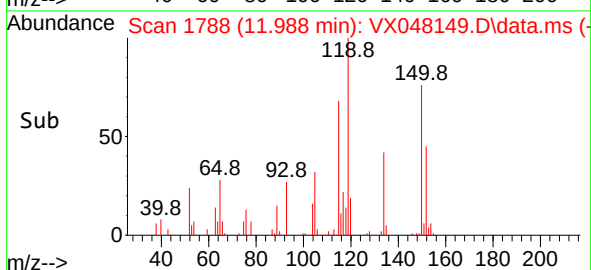
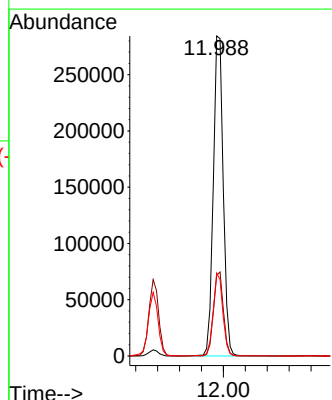
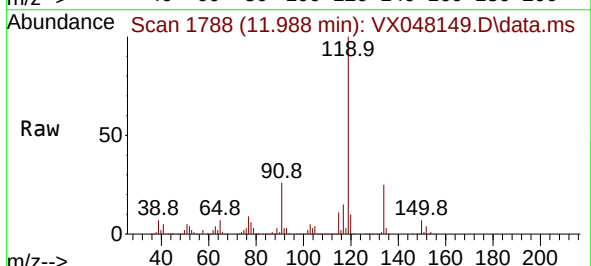
Tgt Ion:119 Resp: 356182

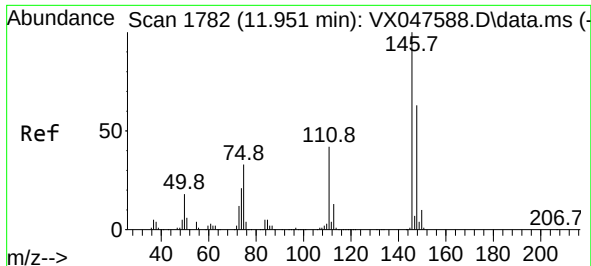
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.1 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 49.246 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

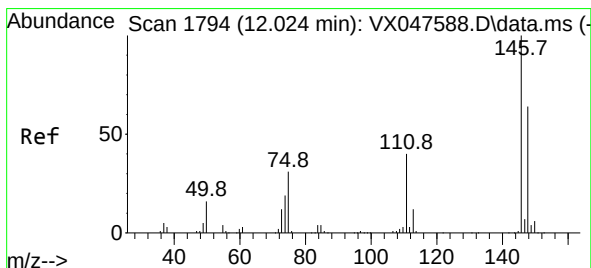
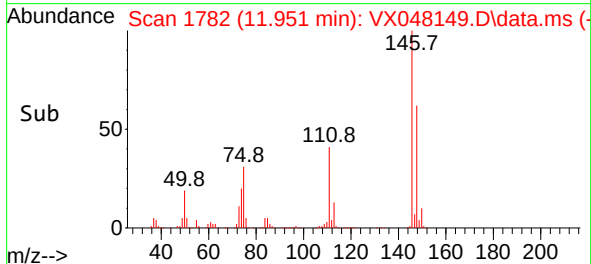
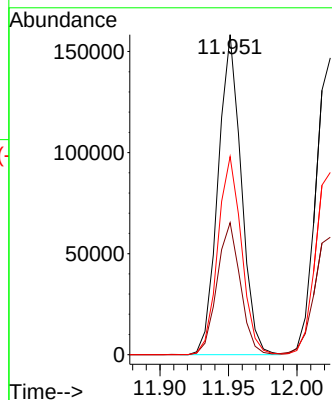
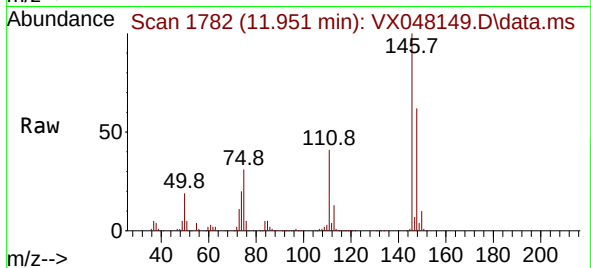
Tgt Ion:146 Resp: 186343

Ion Ratio Lower Upper

146 100

111 41.4 21.5 64.5

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.058 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

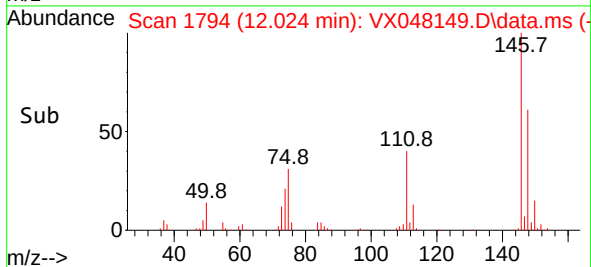
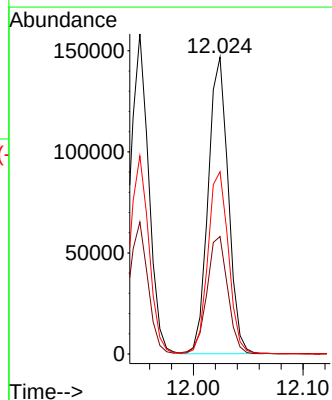
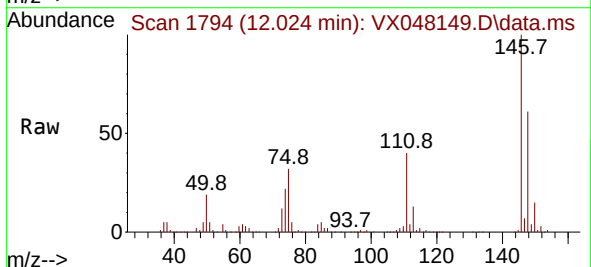
Tgt Ion:146 Resp: 186638

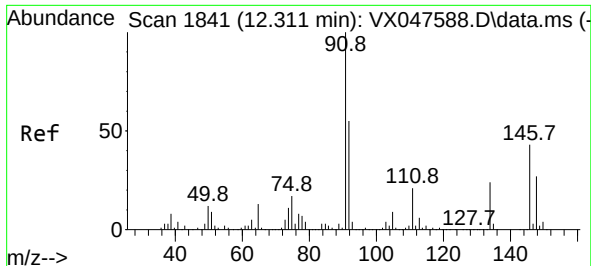
Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.4

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 51.682 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

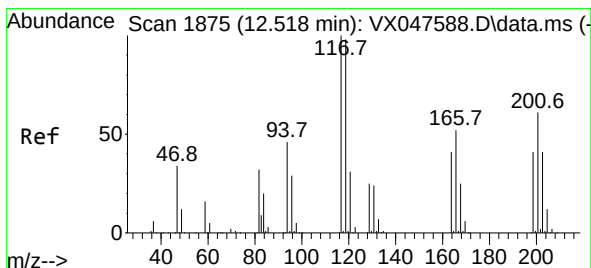
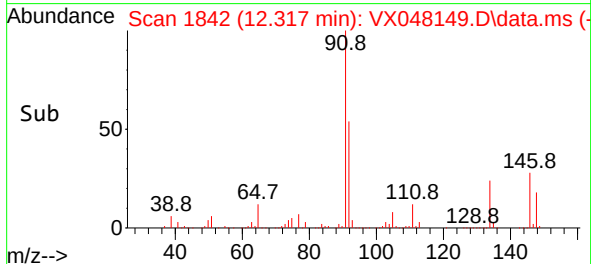
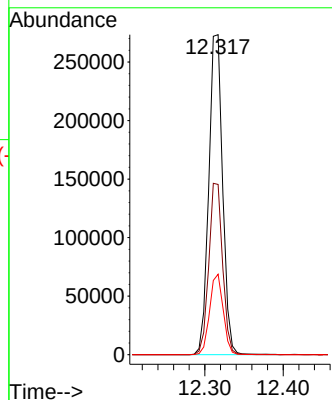
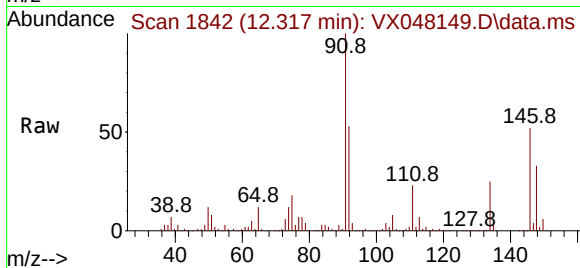
Tgt Ion: 91 Resp: 334542

Ion Ratio Lower Upper

91 100

92 53.5 27.6 82.7

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 53.647 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048149.D

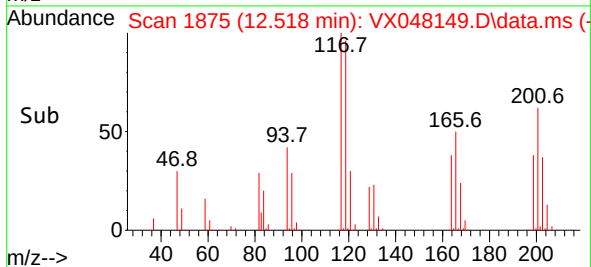
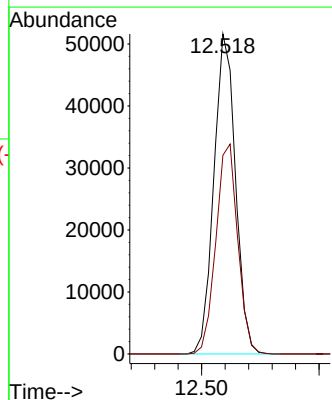
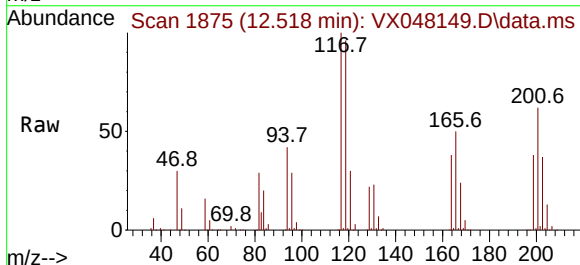
Acq: 13 Oct 2025 17:33

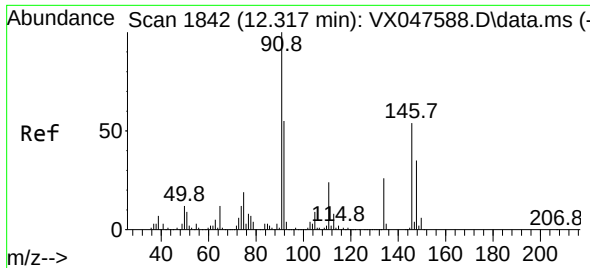
Tgt Ion: 117 Resp: 65890

Ion Ratio Lower Upper

117 100

201 66.4 34.2 102.5

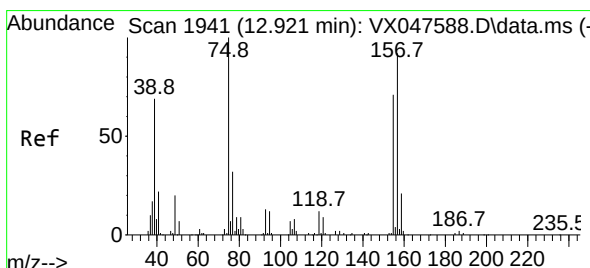
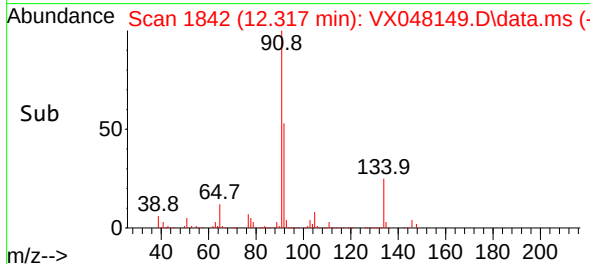
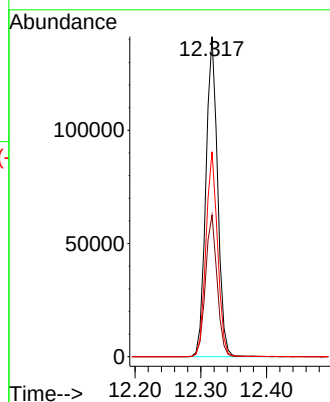
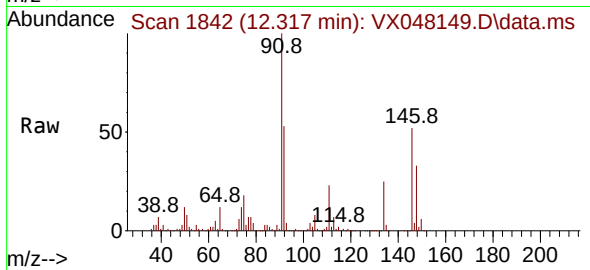




#91
1,2-Dichlorobenzene
Concen: 48.633 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

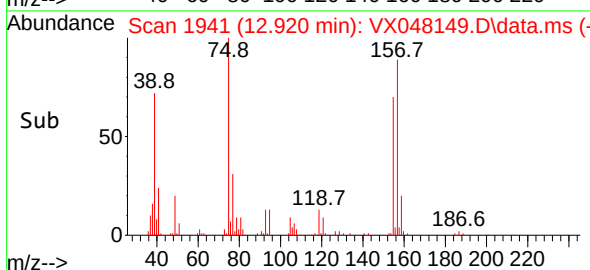
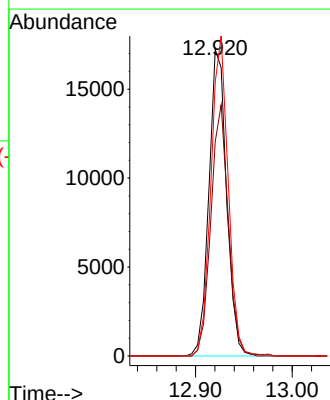
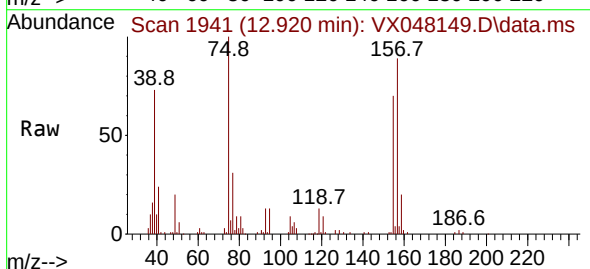
Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

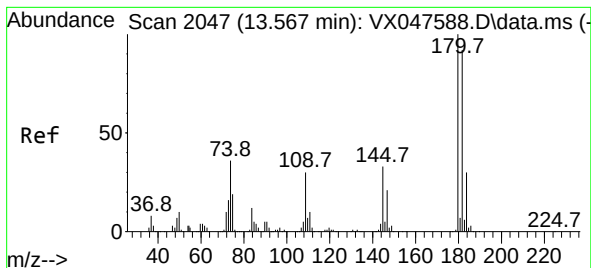
Tgt Ion:146 Resp: 175320
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.267 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048149.D
Acq: 13 Oct 2025 17:33

Tgt Ion: 75 Resp: 21922
Ion Ratio Lower Upper
75 100
155 80.4 37.7 113.1
157 101.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 46.320 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

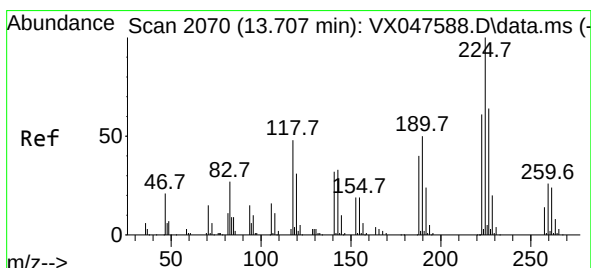
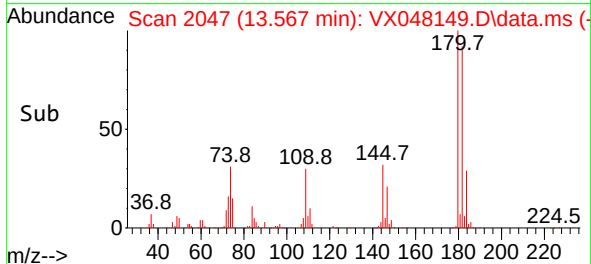
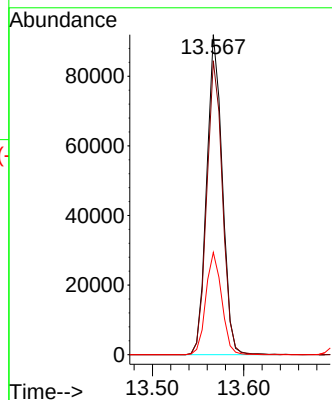
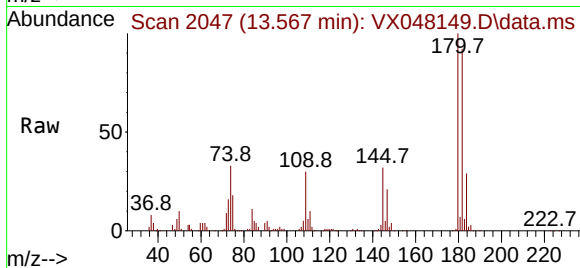
Tgt Ion:180 Resp: 108523

Ion Ratio Lower Upper

180 100

182 92.8 46.6 139.8

145 32.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.569 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

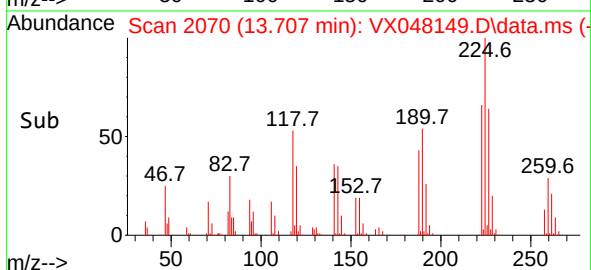
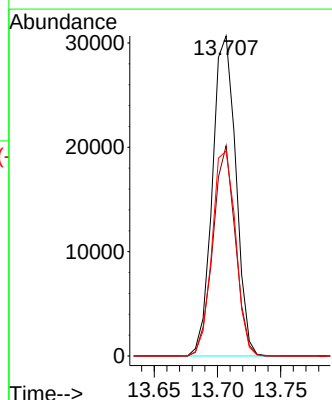
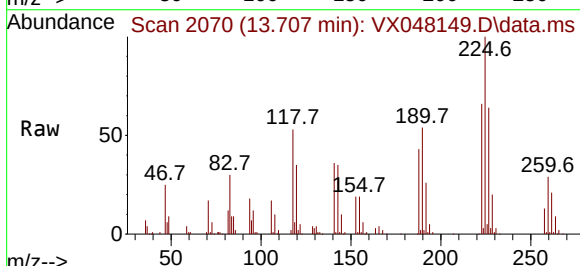
Tgt Ion:225 Resp: 39448

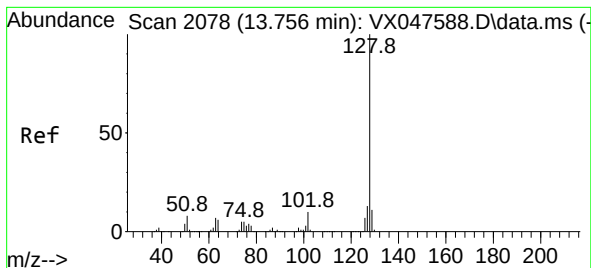
Ion Ratio Lower Upper

225 100

223 62.7 31.7 95.1

227 64.5 32.0 96.0





#95

Naphthalene

Concen: 44.822 ug/l

RT: 13.756 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-219MS

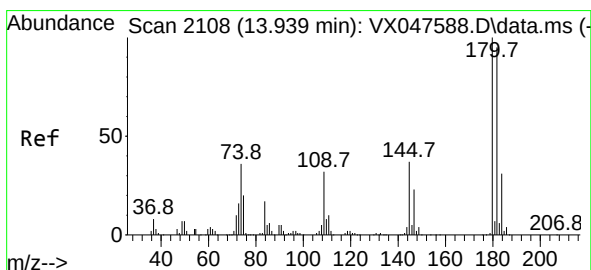
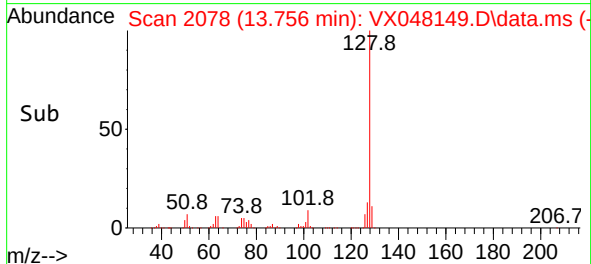
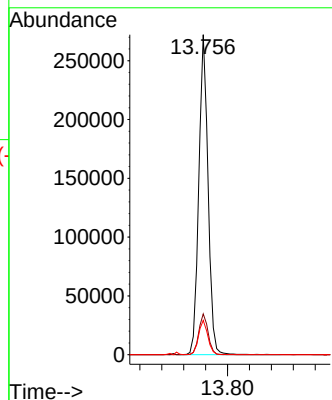
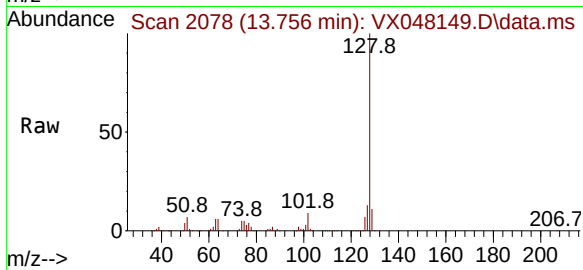
Tgt Ion:128 Resp: 319774

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.015 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048149.D

Acq: 13 Oct 2025 17:33

Tgt Ion:180 Resp: 102466

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.8

145 34.4 17.9 53.7

