

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047472.D
 Acq On : 21 Aug 2025 15:53
 Operator : JC/MD
 Sample : Q2903-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A-081925

Quant Time: Aug 22 03:49:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

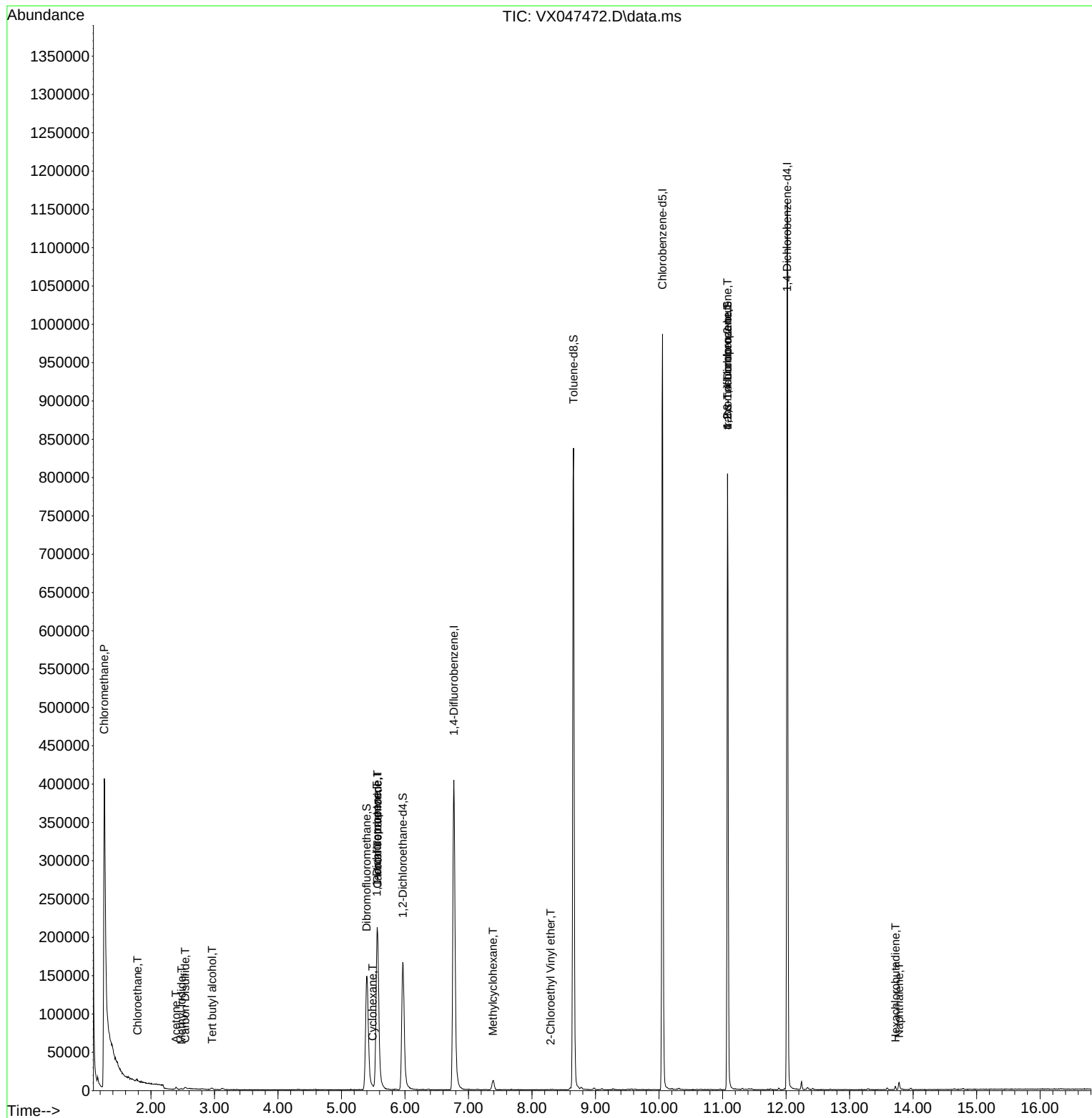
Internal Standards						
1) Pentafluorobenzene	5.562	168	212230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	433989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176297	59.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.700%#	
35) Dibromofluoromethane	5.397	113	143028	50.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.652	98	505084	50.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.079	95	215481	58.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	16221	6.665	ug/l #	41
6) Chloroethane	1.788	64	2812	1.505	ug/l #	44
10) Methyl Iodide	2.483	142	1178	0.262	ug/l #	50
11) Tert butyl alcohol	2.964	59	1087	4.207	ug/l #	72
16) Acetone	2.391	43	4074	3.649	ug/l	95
17) Carbon Disulfide	2.538	76	3657	0.454	ug/l	96
31) Cyclohexane	5.488	56	1210	0.253	ug/l #	77
36) 1,1-Dichloropropene	5.555	75	17325	3.897	ug/l #	51
38) Carbon Tetrachloride	5.568	117	22886	4.710	ug/l #	15
39) Methylcyclohexane	7.384	83	5532	0.997	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.293	63	20	8.364	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	111578	26.587	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111578	105.256	ug/l #	7
94) Hexachlorobutadiene	13.725	225	676	0.357	ug/l	96
95) Naphthalene	13.780	128	8245	0.543	ug/l	97

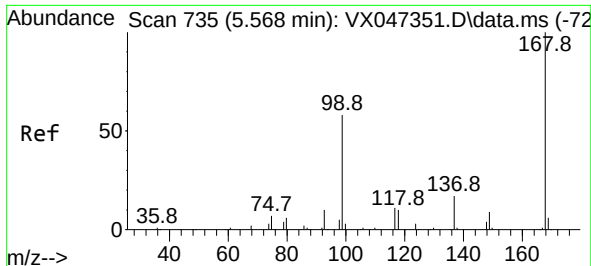
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
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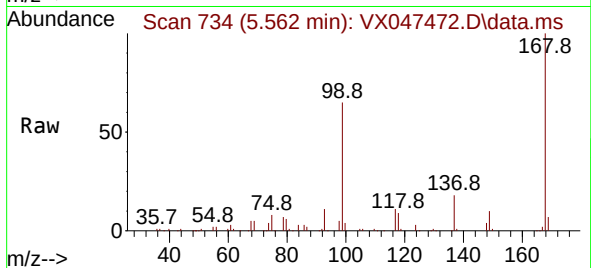
Quant Time: Aug 22 03:49:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
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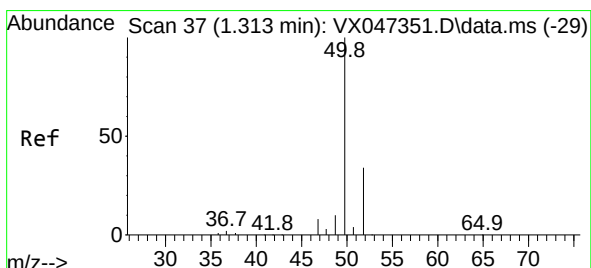
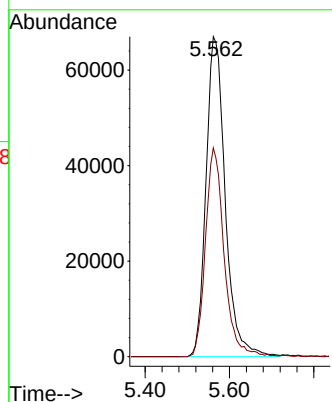
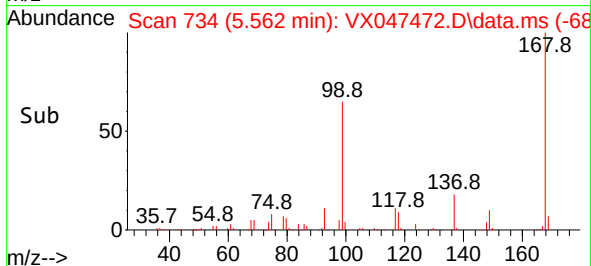


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

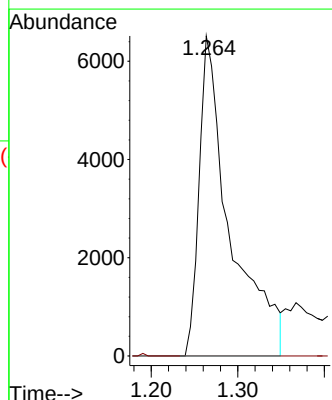
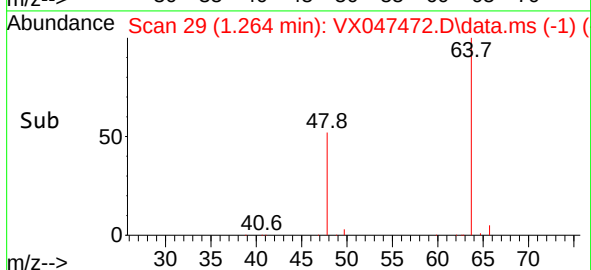
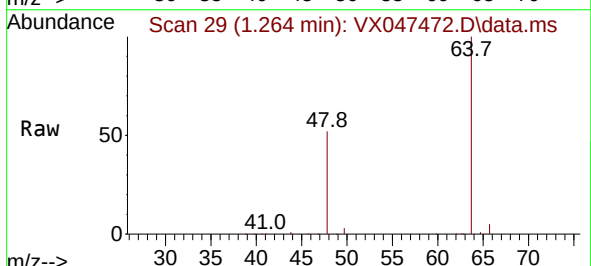


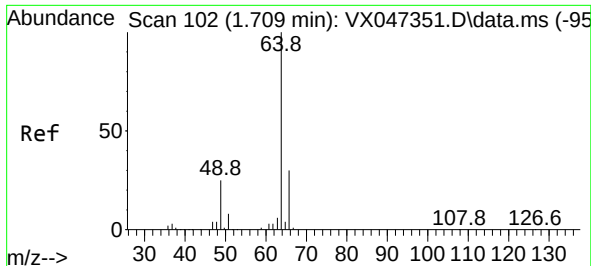
Tgt Ion:168 Resp: 212230
Ion Ratio Lower Upper
168 100
99 65.2 47.9 71.9



#3
Chloromethane
Concen: 6.665 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.049 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 50 Resp: 16221
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.4#

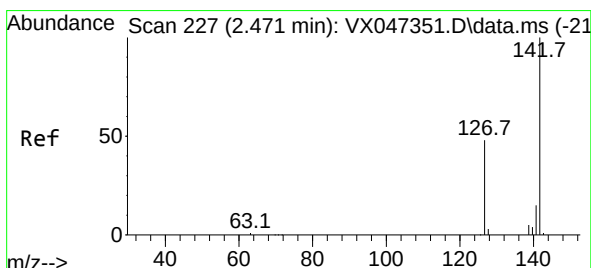
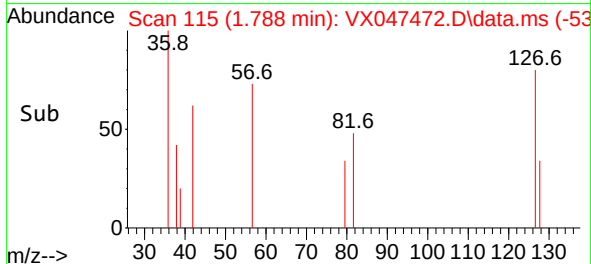
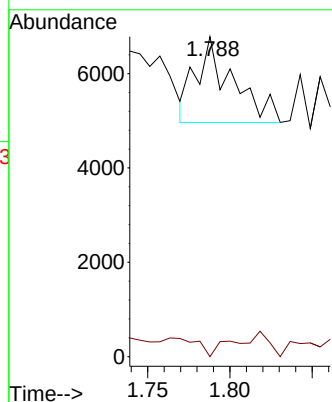
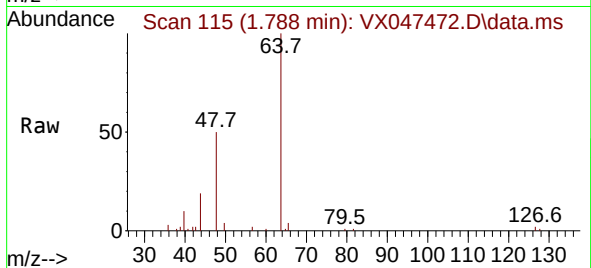




#6
Chloroethane
Concen: 1.505 ug/l
RT: 1.788 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

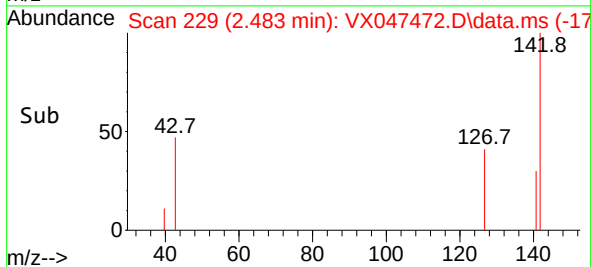
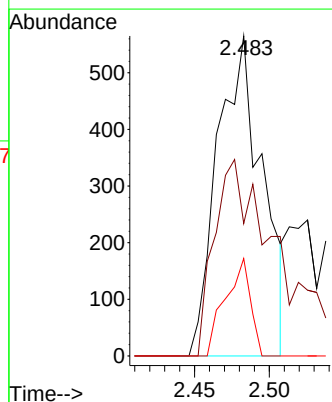
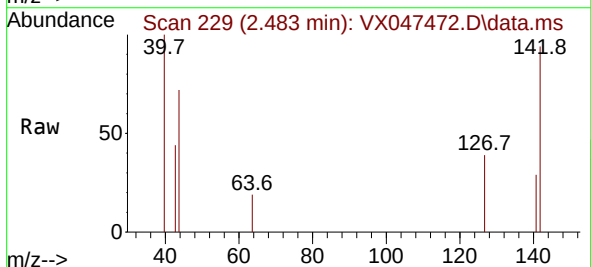
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

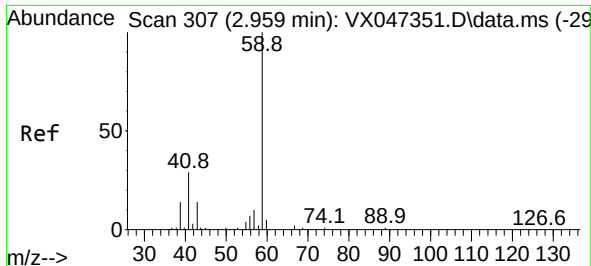
Tgt Ion: 64 Resp: 2812
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#10
Methyl Iodide
Concen: 0.262 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion:142 Resp: 1178
Ion Ratio Lower Upper
142 100
127 86.2 36.1 54.1#
141 17.1 11.1 16.7#

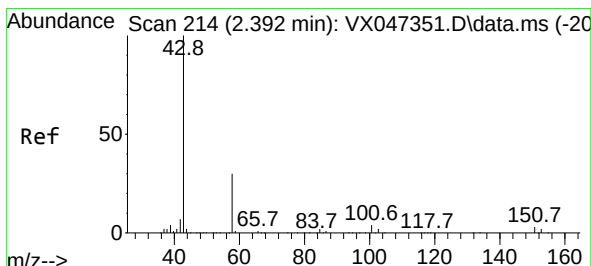
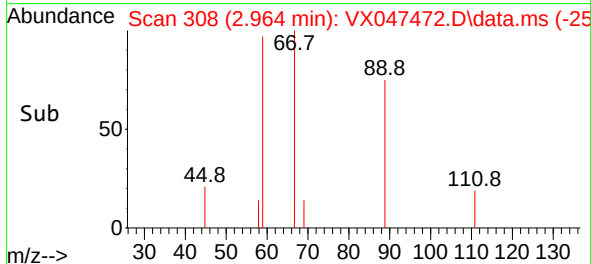
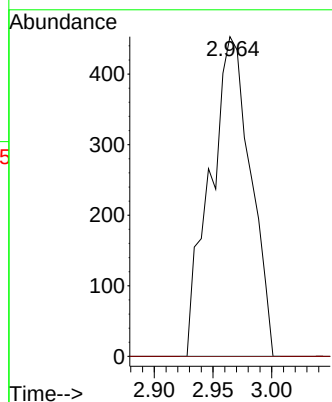
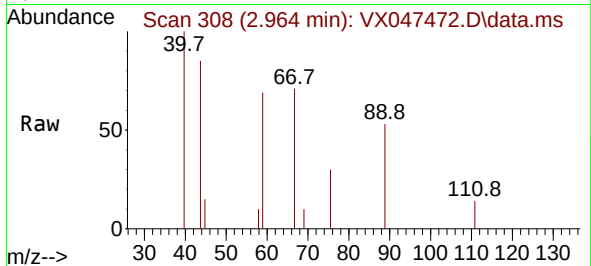




#11
Tert butyl alcohol
Concen: 4.207 ug/l
RT: 2.964 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

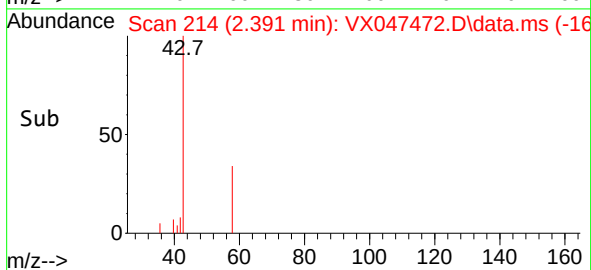
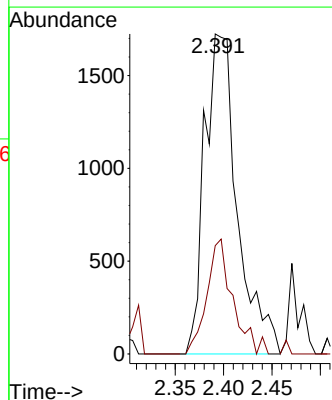
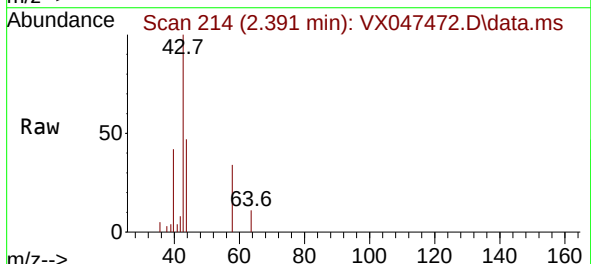
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

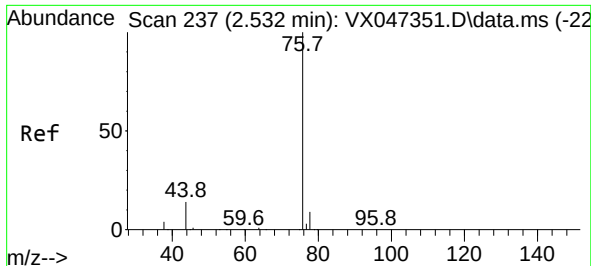
Tgt Ion: 59 Resp: 1087
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.649 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2





#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

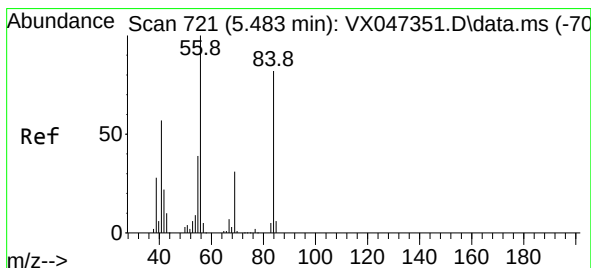
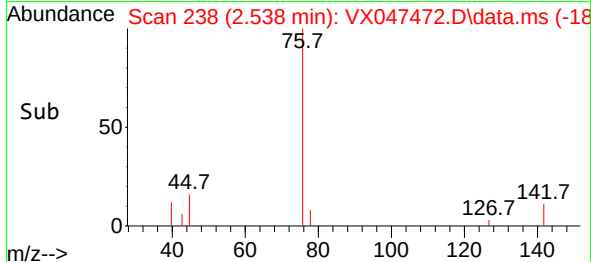
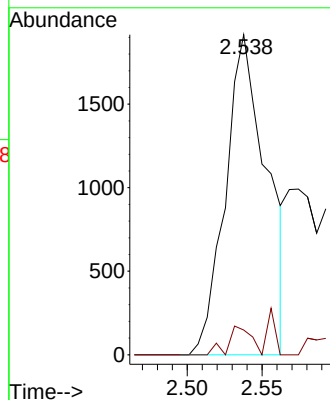
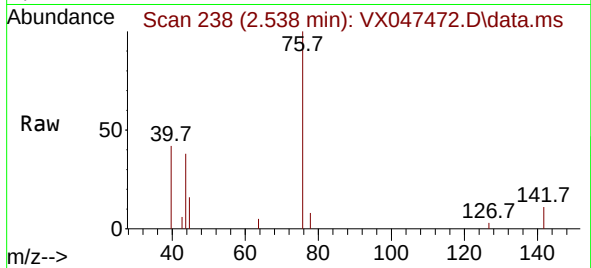
MW-6A-081925

Tgt Ion: 76 Resp: 3657

Ion Ratio Lower Upper

76 100

78 7.7 7.2 10.8



#31

Cyclohexane

Concen: 0.253 ug/l

RT: 5.488 min Scan# 722

Delta R.T. 0.006 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

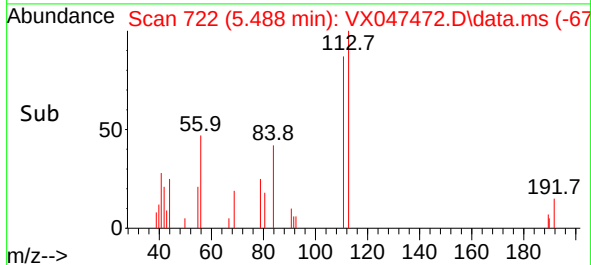
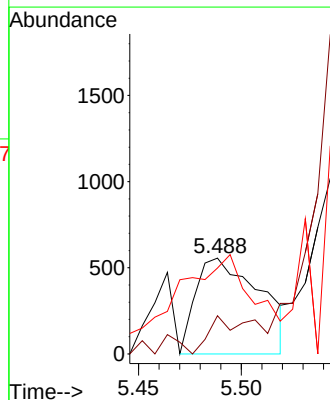
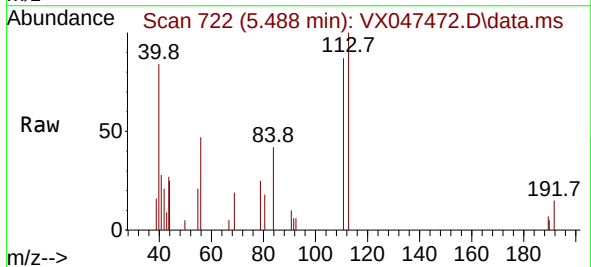
Tgt Ion: 56 Resp: 1210

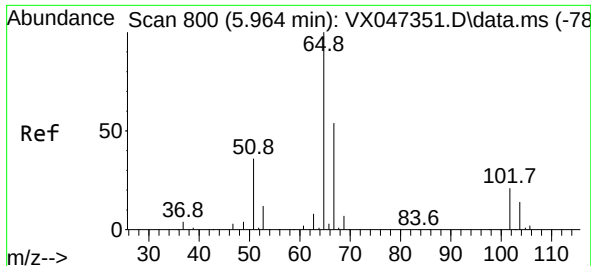
Ion Ratio Lower Upper

56 100

69 27.7 24.3 36.5

84 55.4 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 59.355 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

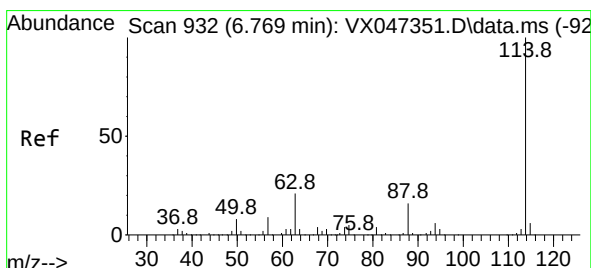
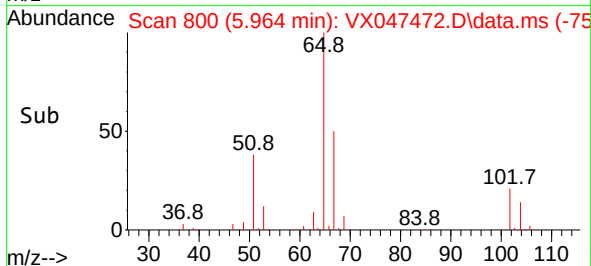
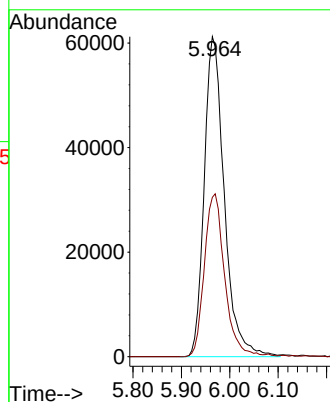
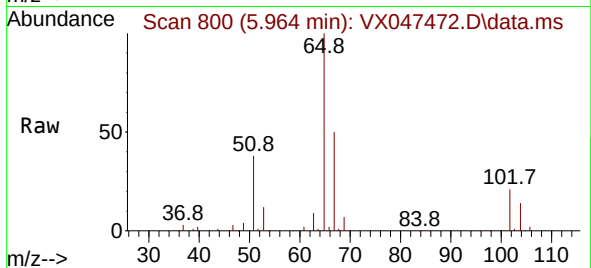
MW-6A-081925

Tgt Ion: 65 Resp: 176297

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047472.D

Acq: 21 Aug 2025 15:53

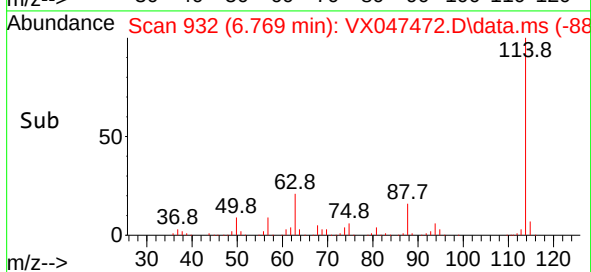
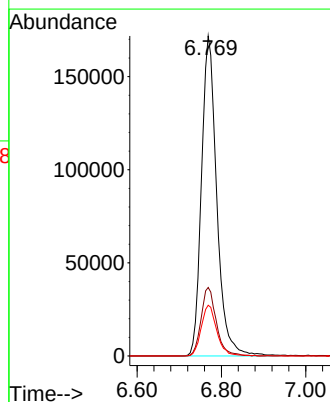
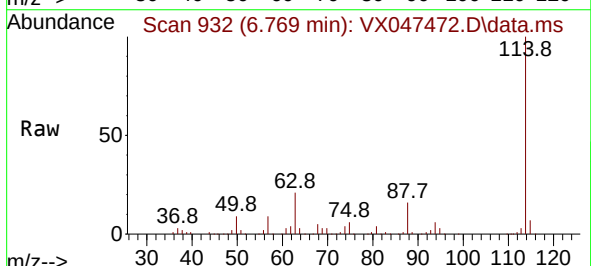
Tgt Ion: 114 Resp: 433989

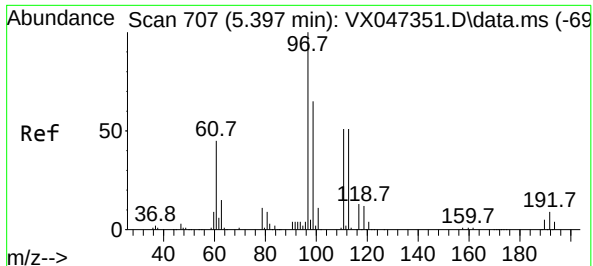
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 15.9 0.0 33.0

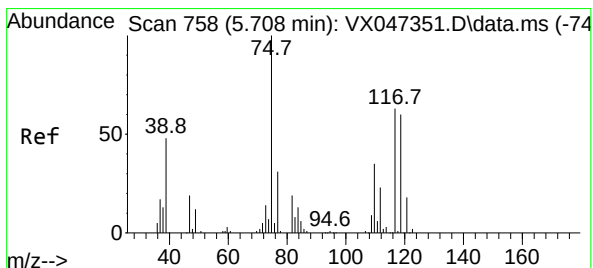
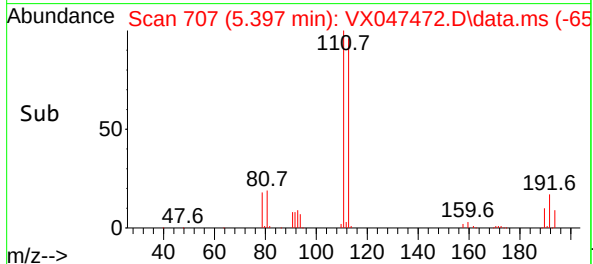
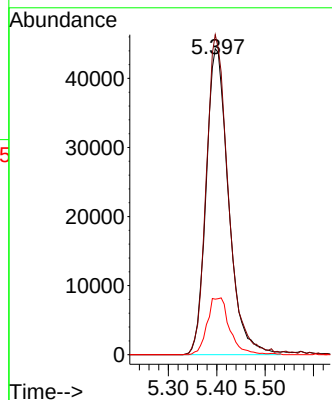
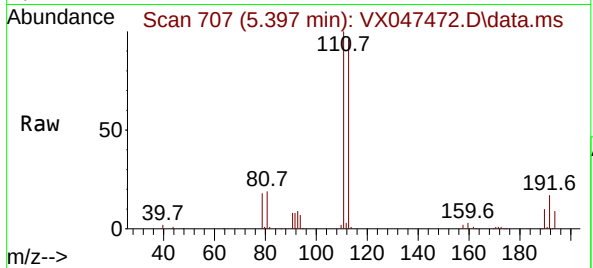




#35
Dibromofluoromethane
Concen: 50.780 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

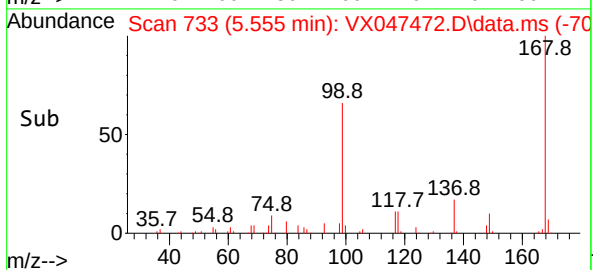
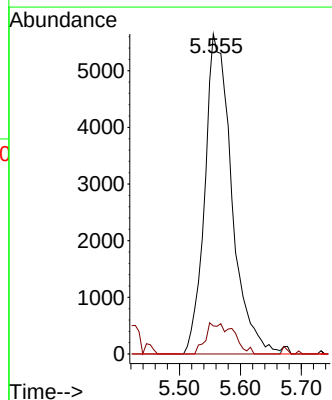
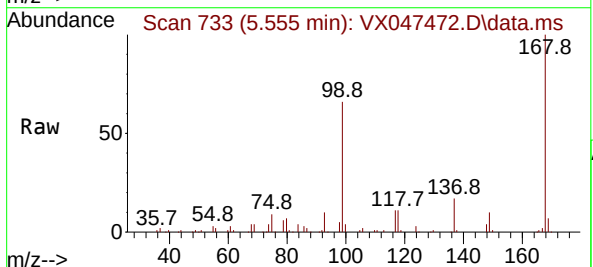
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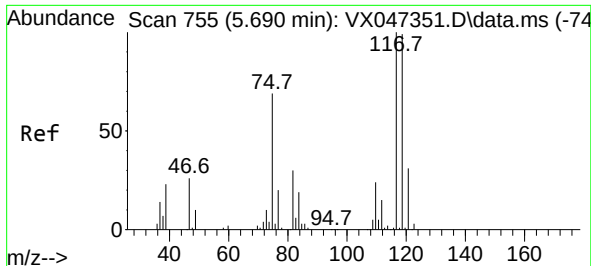
Tgt Ion:113 Resp: 143028
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.897 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.153 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

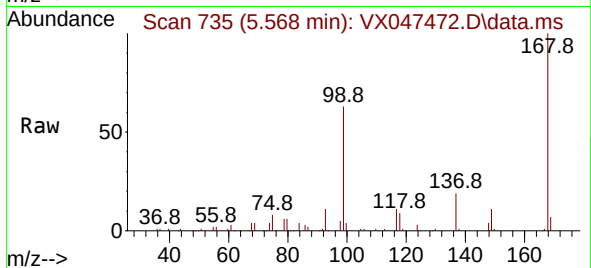
Tgt Ion: 75 Resp: 17325
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.2#
77 0.0 24.4 36.6#



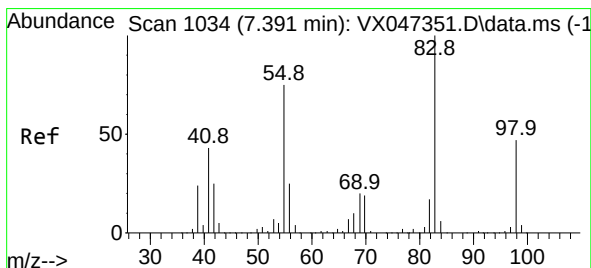
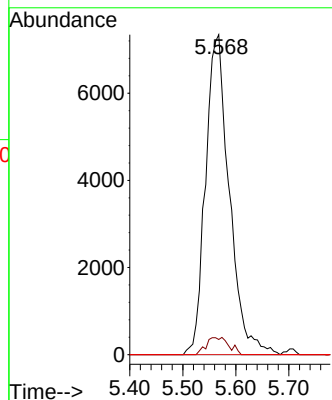
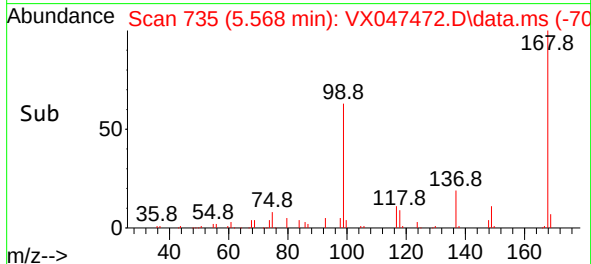


#38
Carbon Tetrachloride
Concen: 4.710 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

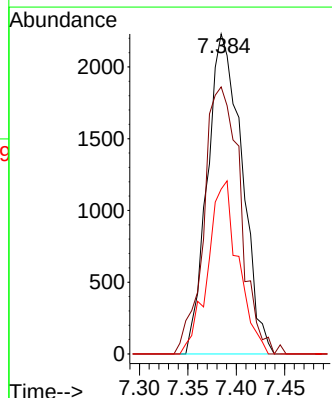
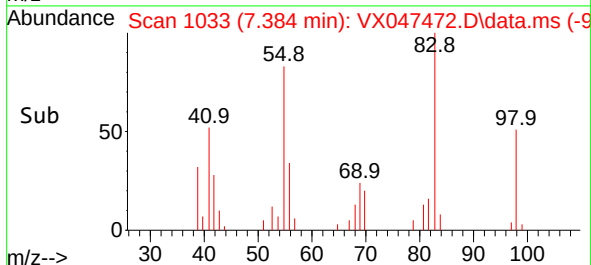
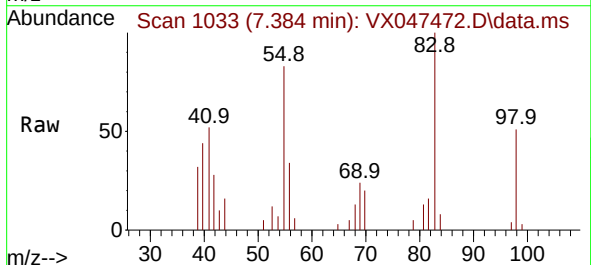


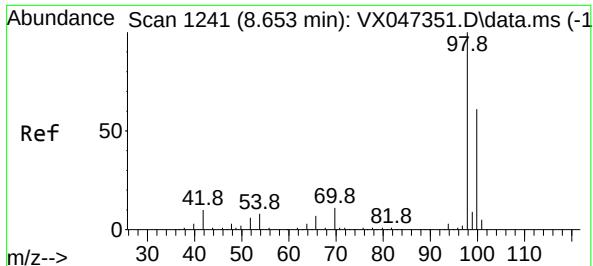
Tgt Ion:117 Resp: 22886
Ion Ratio Lower Upper
117 100
119 4.8 78.5 117.7#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.997 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 83 Resp: 5532
Ion Ratio Lower Upper
83 100
55 80.6 60.0 90.0
98 51.5 37.2 55.8

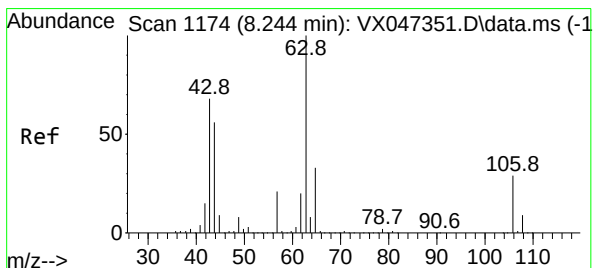
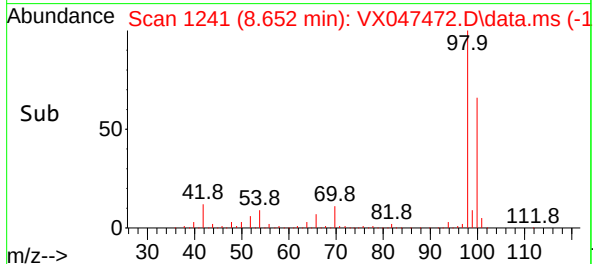
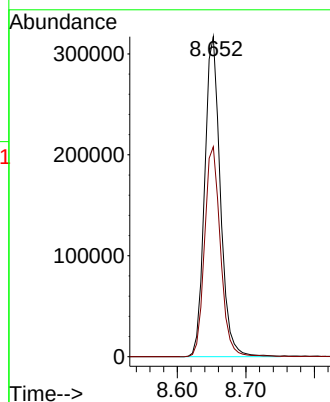
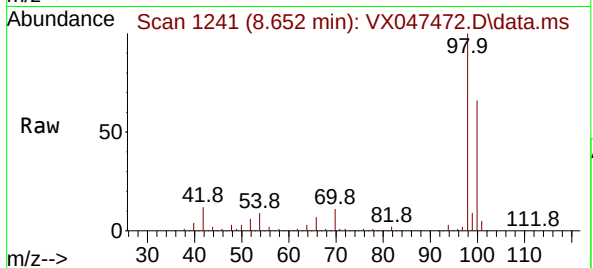




#50
Toluene-d8
Concen: 50.170 ug/l
RT: 8.652 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

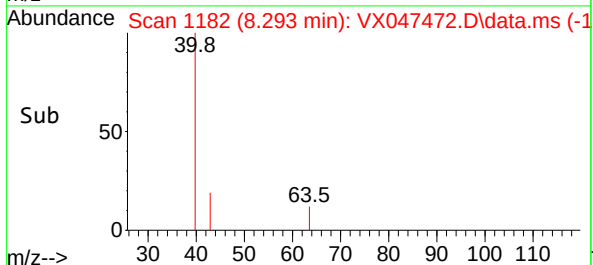
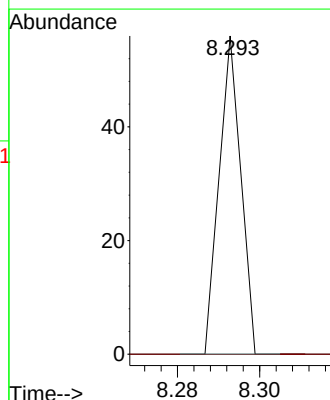
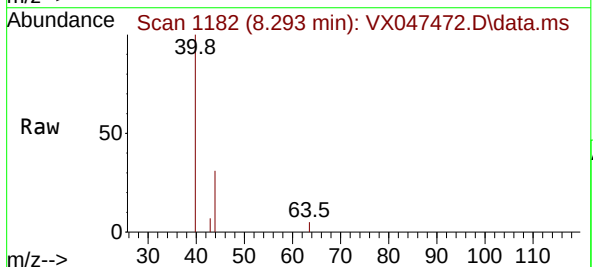
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

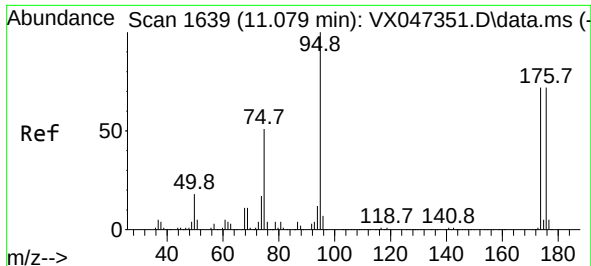
Tgt Ion: 98 Resp: 505084
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#58
2-Chloroethyl Vinyl ether
Concen: 8.364 ug/l
RT: 8.293 min Scan# 1182
Delta R.T. 0.048 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#

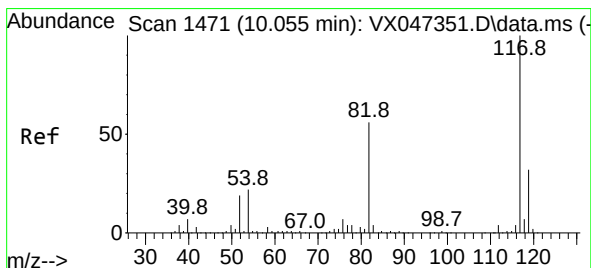
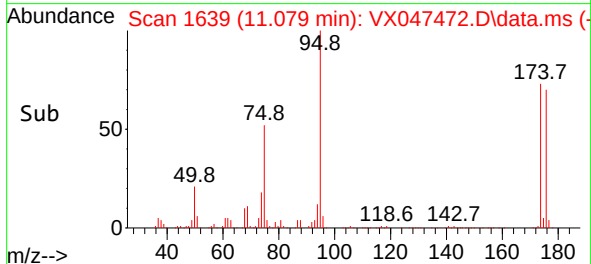
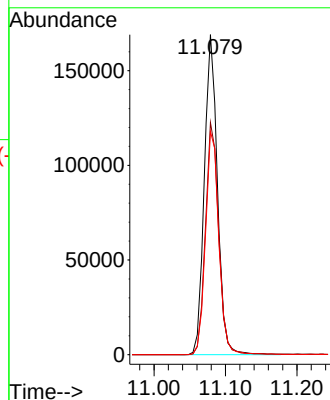
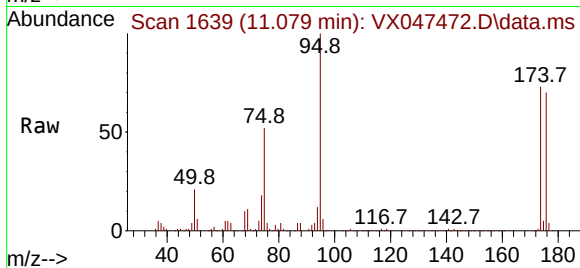




#62
4-Bromofluorobenzene
Concen: 58.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

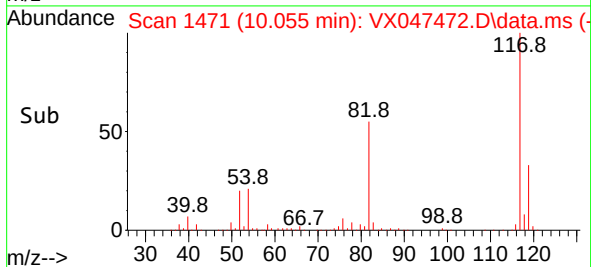
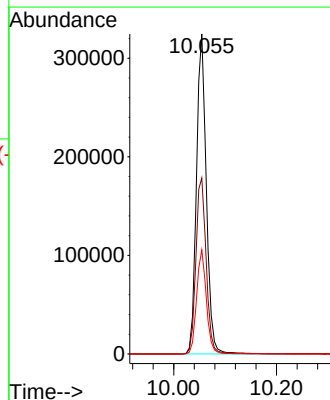
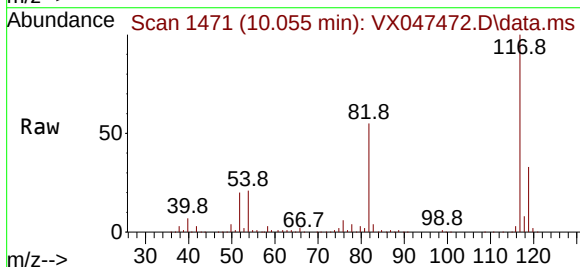
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

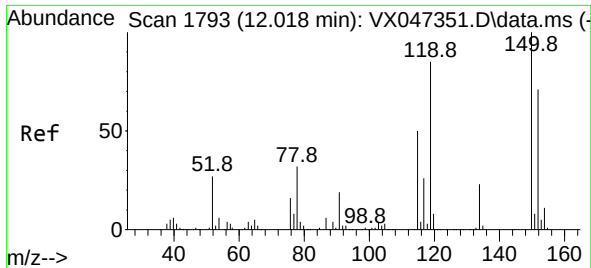
Tgt Ion: 95 Resp: 215481
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 71.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Tgt Ion: 117 Resp: 433463
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.6 25.8 38.8

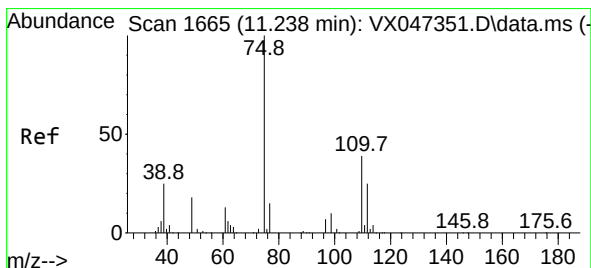
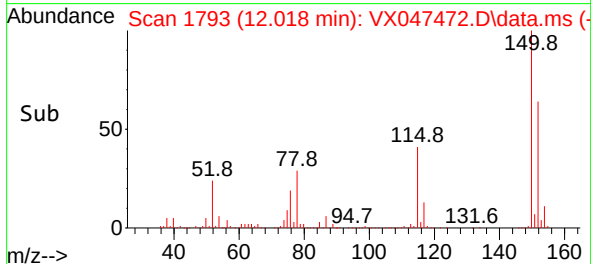
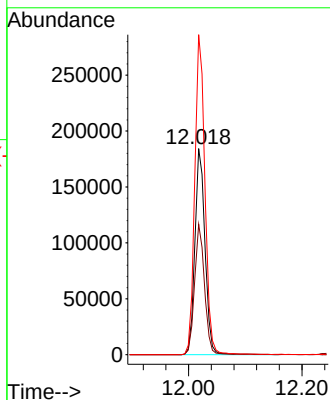
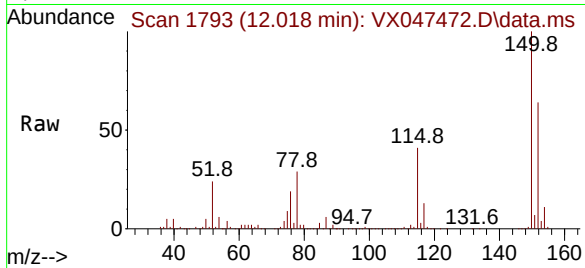




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047472.D
 Acq: 21 Aug 2025 15:53

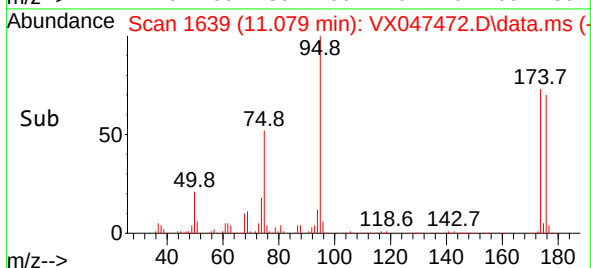
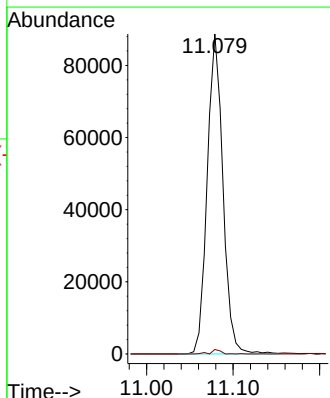
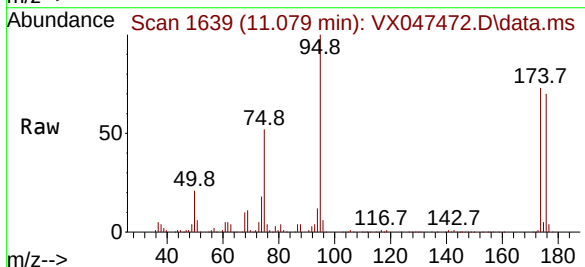
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A-081925

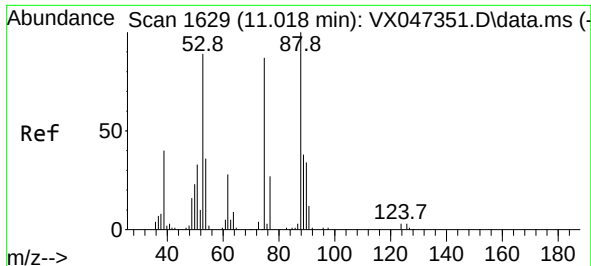
Tgt Ion:152 Resp: 228811
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.6 133.8
 150 156.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 26.587 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX047472.D
 Acq: 21 Aug 2025 15:53

Tgt Ion: 75 Resp: 111578
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#

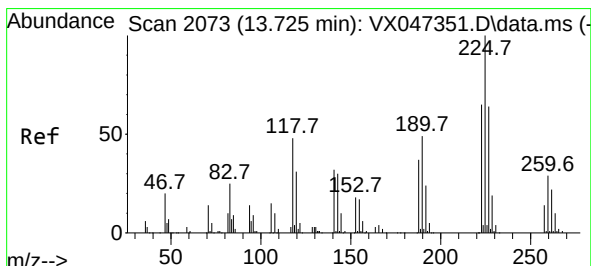
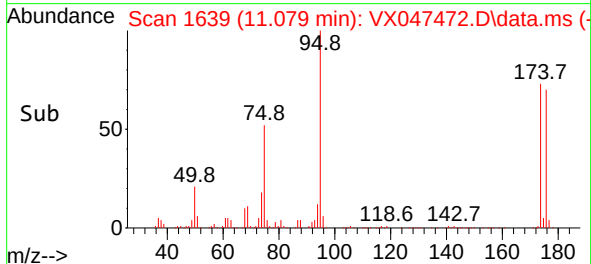
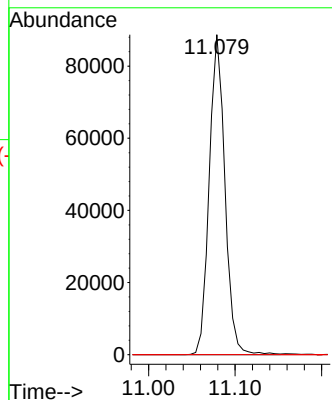
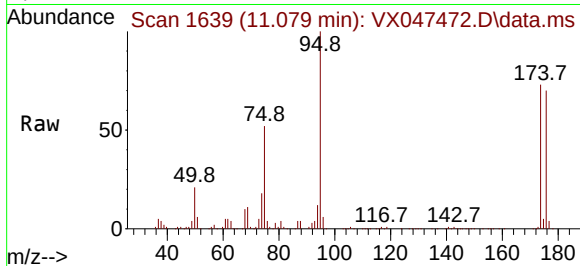




#81
trans-1,4-Dichloro-2-butene
Concen: 105.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

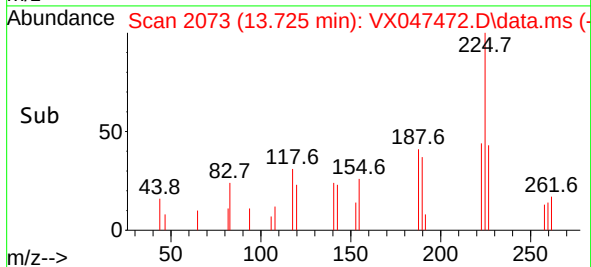
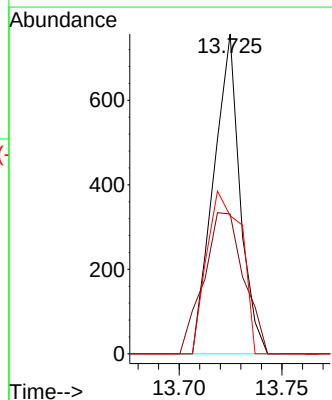
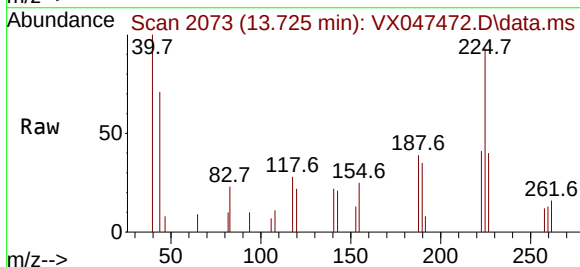
Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925

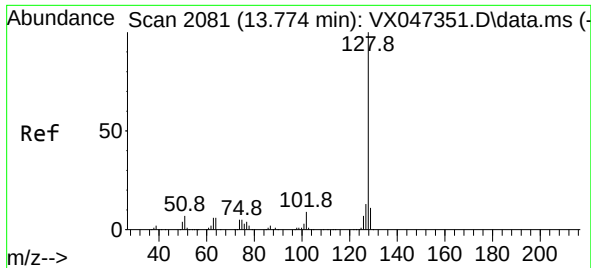
Tgt Ion: 75 Resp: 111578
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#



#94
Hexachlorobutadiene
Concen: 0.357 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

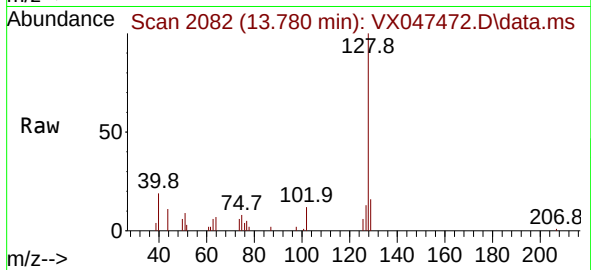
Tgt Ion: 225 Resp: 676
Ion Ratio Lower Upper
225 100
223 67.0 32.2 96.6
227 66.6 31.6 95.0





#95
Naphthalene
Concen: 0.543 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX047472.D
Acq: 21 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
MW-6A-081925



Tgt Ion:	128	Resp:	8245
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.1	15.1
129	10.6	8.7	13.1

