

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047359.D
 Acq On : 15 Aug 2025 14:00
 Operator : JC/MD
 Sample : VX0815MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815MBL01

Quant Time: Aug 18 04:32:27 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)

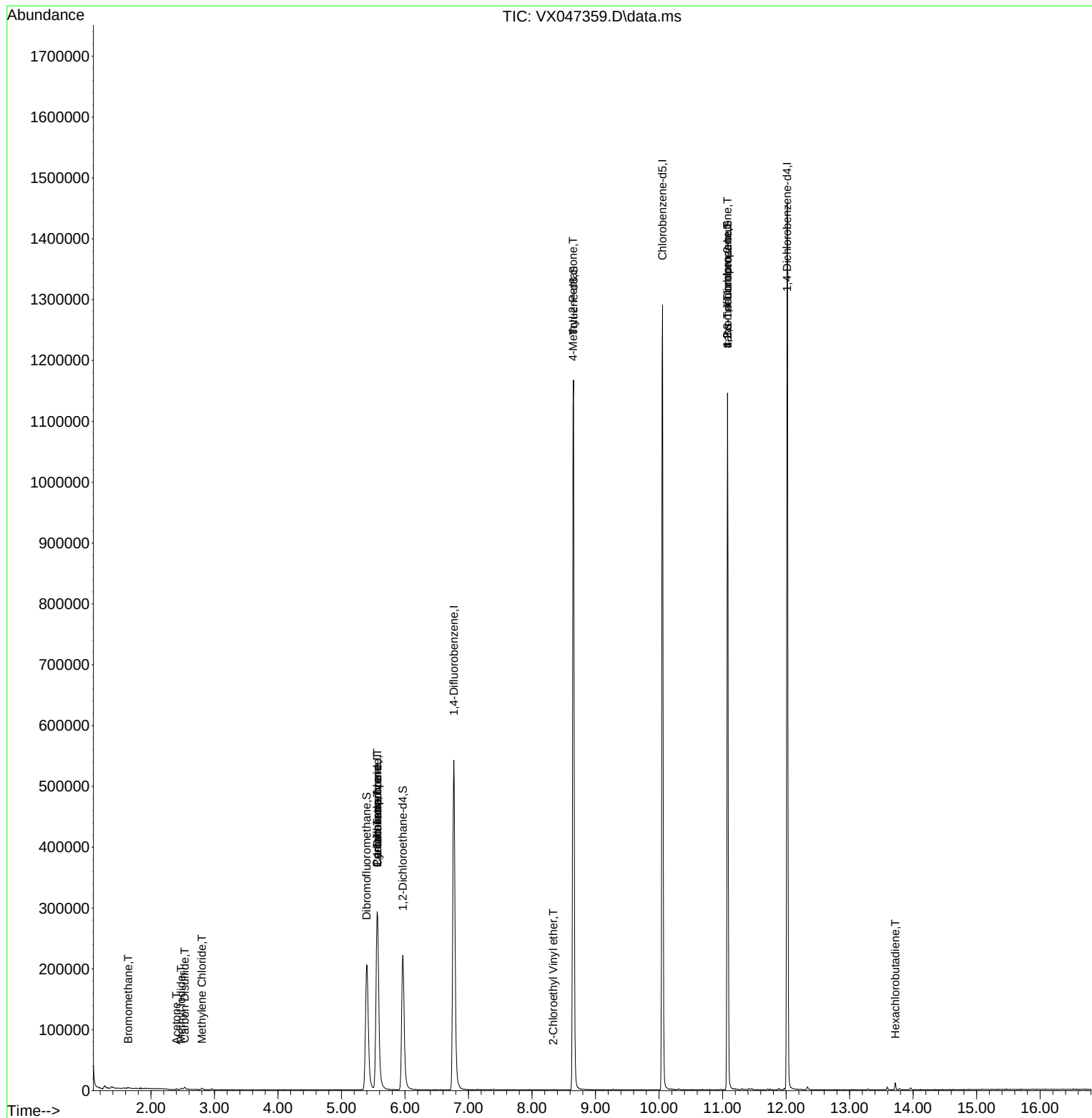
Internal Standards						
1) Pentafluorobenzene	5.562	168	297007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	578456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	286462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236619	56.925	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.840%
35) Dibromofluoromethane	5.397	113	196532	52.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	8.653	98	715242	53.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.600%
62) 4-Bromofluorobenzene	11.079	95	300945	60.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	830	0.481	ug/l	91
10) Methyl Iodide	2.477	142	4838	0.770	ug/l	90
16) Acetone	2.398	43	1540	0.986	ug/l #	84
17) Carbon Disulfide	2.532	76	4149	0.368	ug/l	99
20) Methylene Chloride	2.800	84	1265	0.306	ug/l #	81
31) Cyclohexane	5.562	56	6885	1.029	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	24766	4.179	ug/l #	52
38) Carbon Tetrachloride	5.562	117	31058	4.796	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3637	0.715	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.336	63	40	8.369	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	154347	29.377	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	154347	115.474	ug/l #	7
94) Hexachlorobutadiene	13.719	225	1454	0.614	ug/l	95

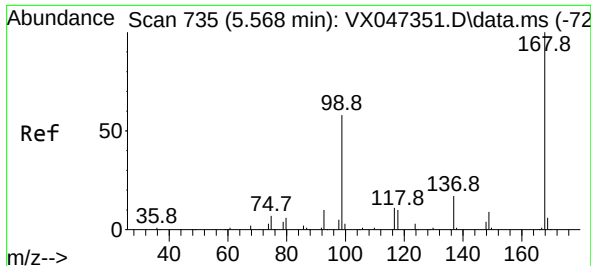
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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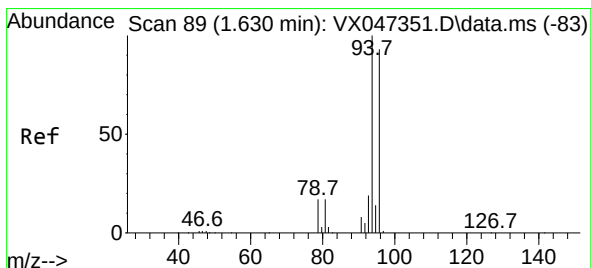
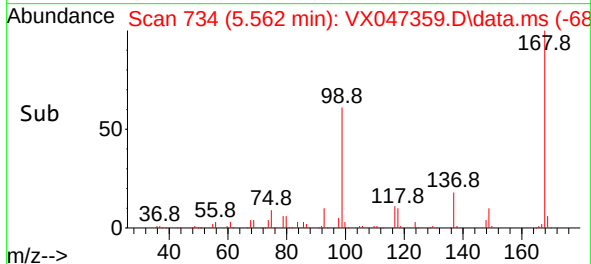
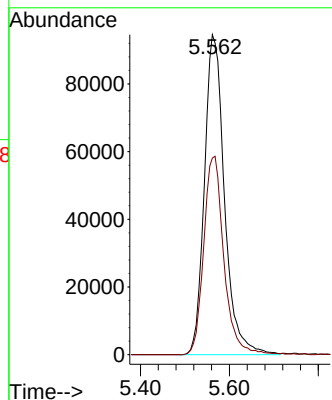
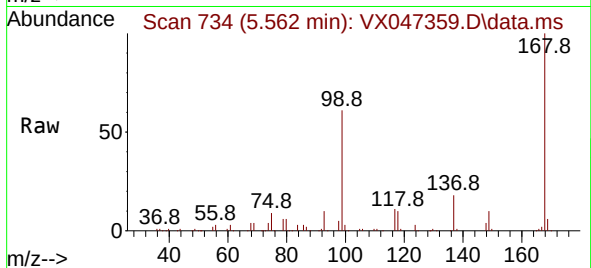




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

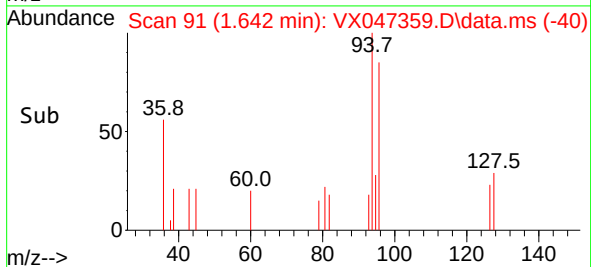
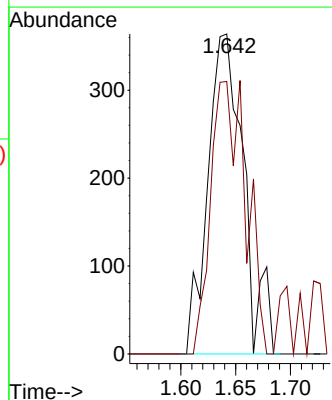
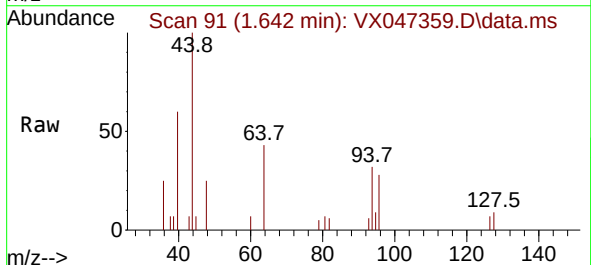
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

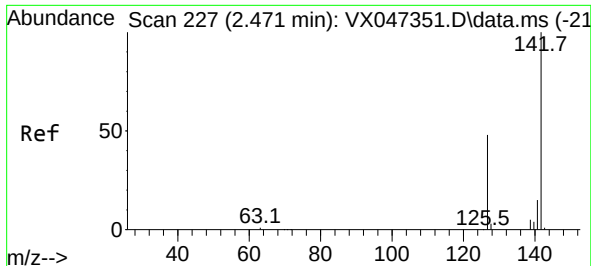
Tgt Ion:168 Resp: 297007
Ion Ratio Lower Upper
168 100
99 61.4 47.9 71.9



#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

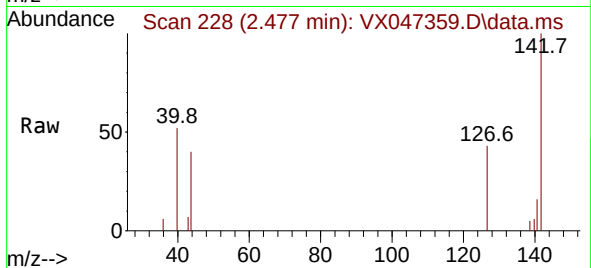
Tgt Ion: 94 Resp: 830
Ion Ratio Lower Upper
94 100
96 85.2 74.7 112.1



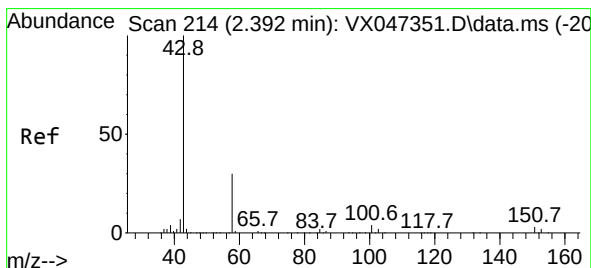
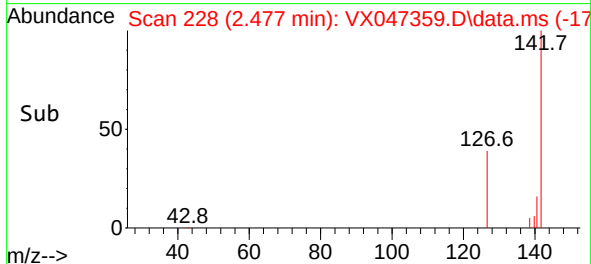
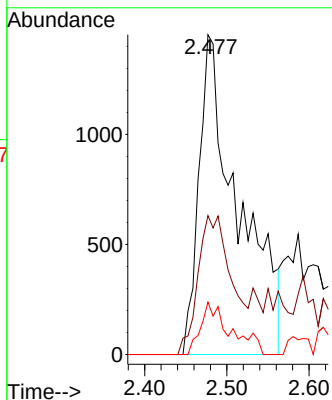


#10
Methyl Iodide
Concen: 0.770 ug/l
RT: 2.477 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

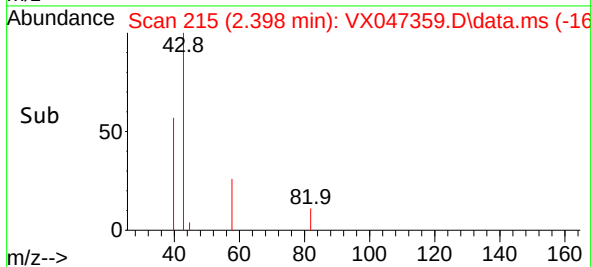
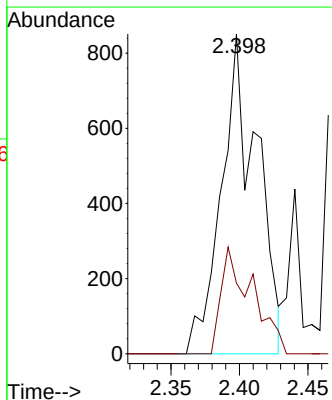
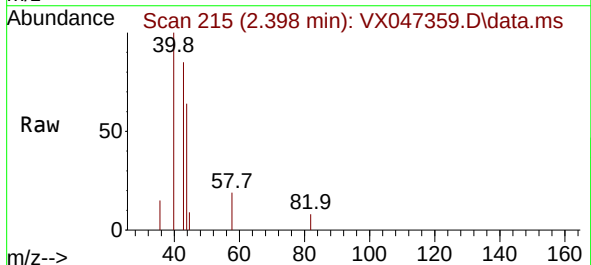


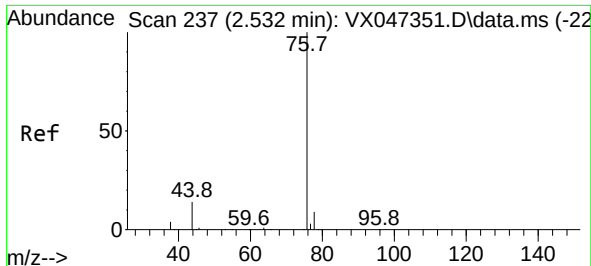
Tgt Ion:142 Resp: 4838
Ion Ratio Lower Upper
142 100
127 37.7 36.1 54.1
141 12.4 11.1 16.7



#16
Acetone
Concen: 0.986 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
58 22.1 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.368 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX047359.D

Acq: 15 Aug 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

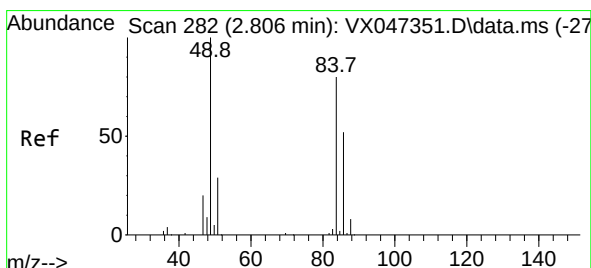
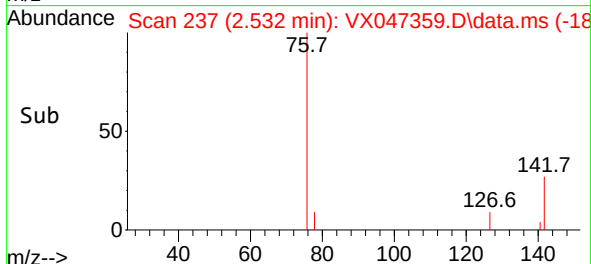
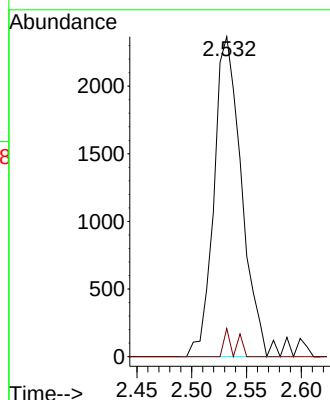
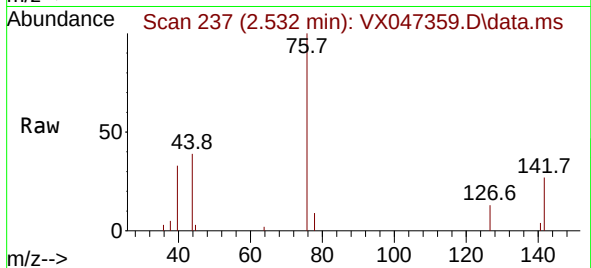
VX0815MBL01

Tgt Ion: 76 Resp: 4149

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#20

Methylene Chloride

Concen: 0.306 ug/l

RT: 2.800 min Scan# 281

Delta R.T. -0.006 min

Lab File: VX047359.D

Acq: 15 Aug 2025 14:00

Tgt Ion: 84 Resp: 1265

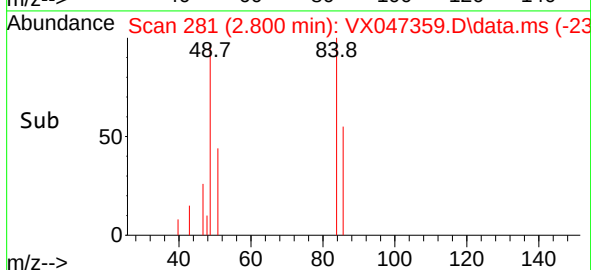
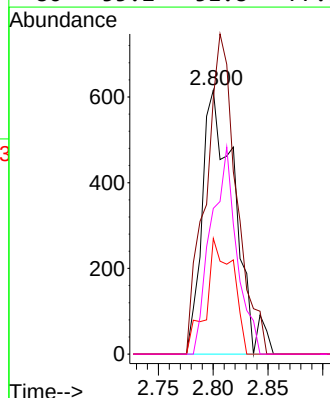
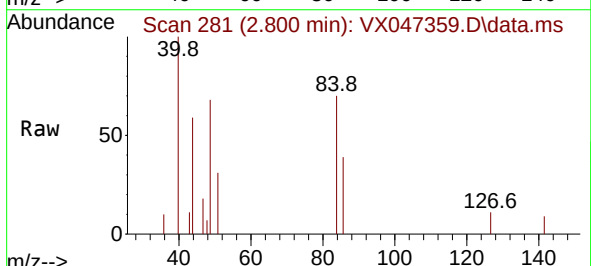
Ion Ratio Lower Upper

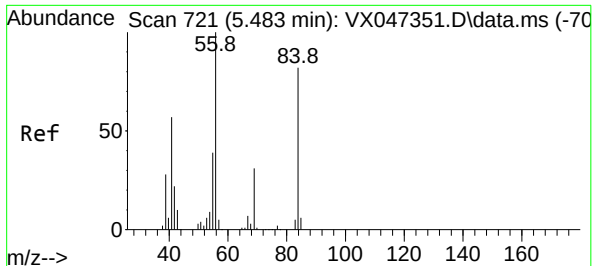
84 100

49 96.9 100.1 150.1#

51 43.8 29.5 44.3

86 55.2 51.8 77.8

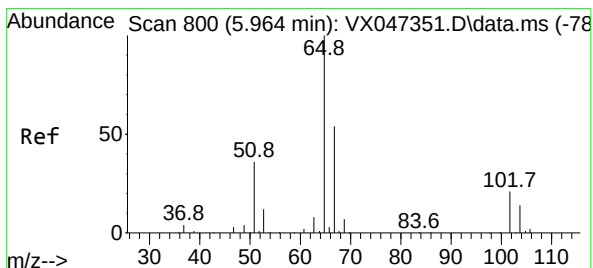
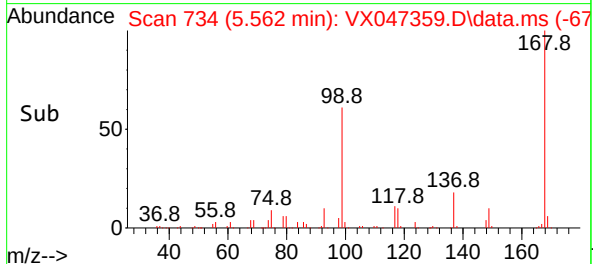
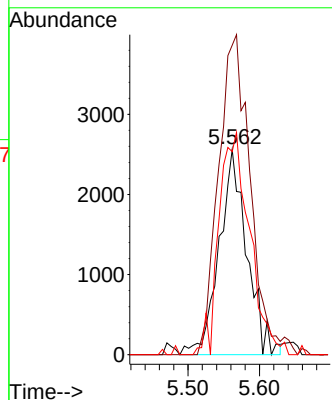
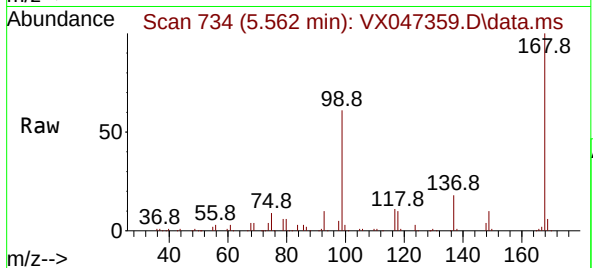




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

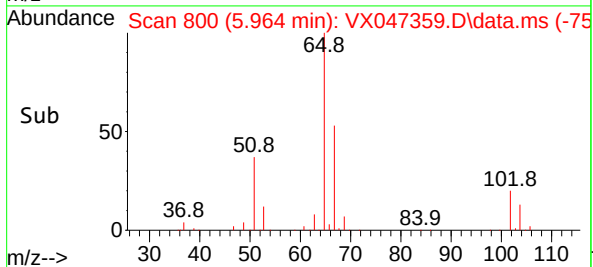
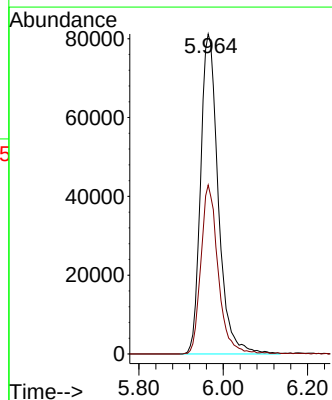
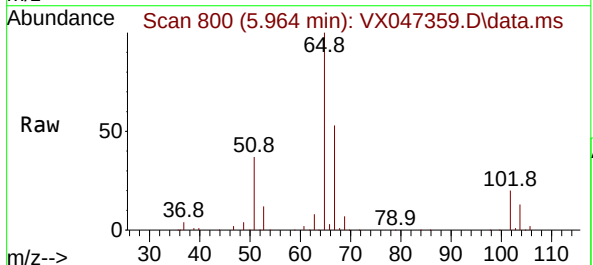
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

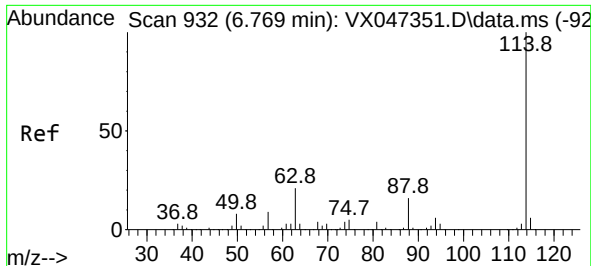
Tgt Ion: 56 Resp: 6885
Ion Ratio Lower Upper
56 100
69 150.7 24.3 36.5#
84 98.9 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 56.925 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion: 65 Resp: 236619
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

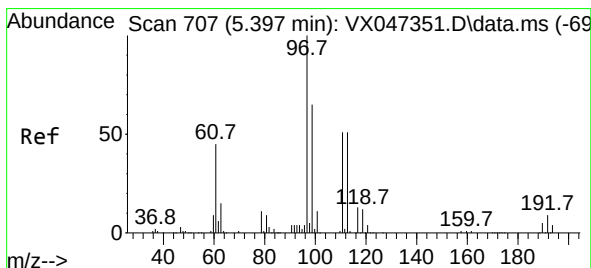
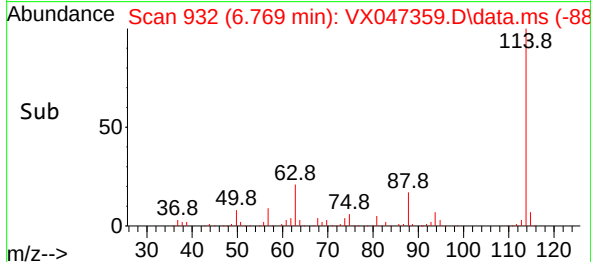
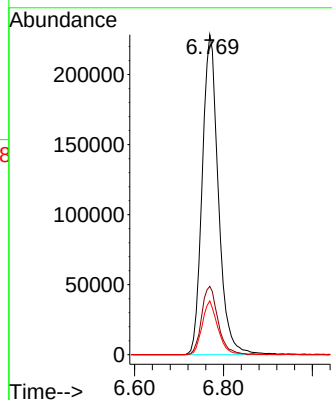
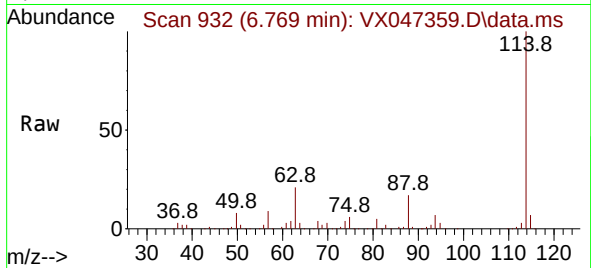




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

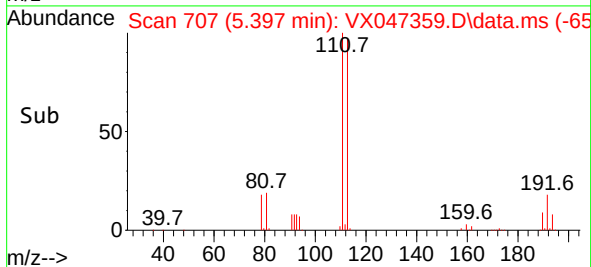
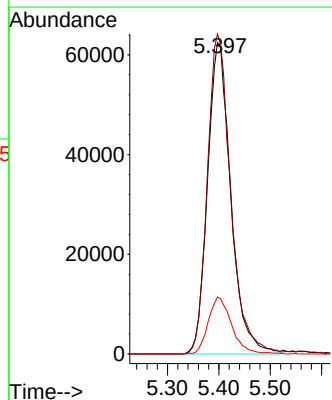
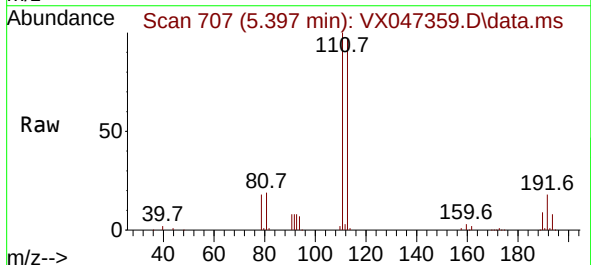
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

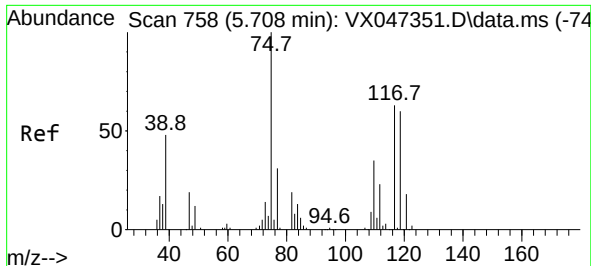
Tgt Ion:114 Resp: 578456
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.349 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion:113 Resp: 196532
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 18.4 14.1 21.1

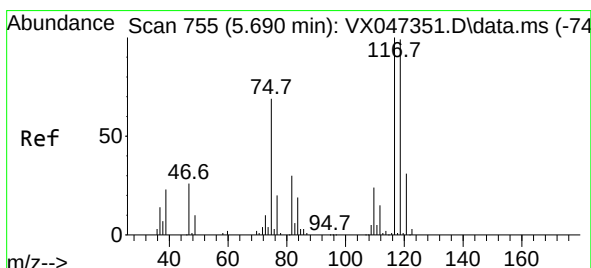
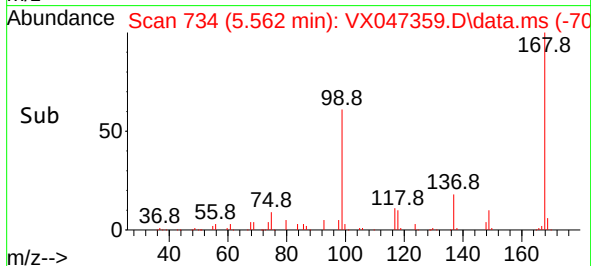
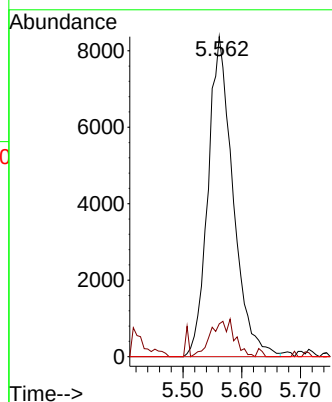
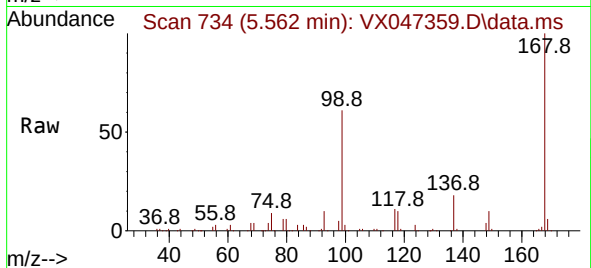




#36
1,1-Dichloropropene
Concen: 4.179 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

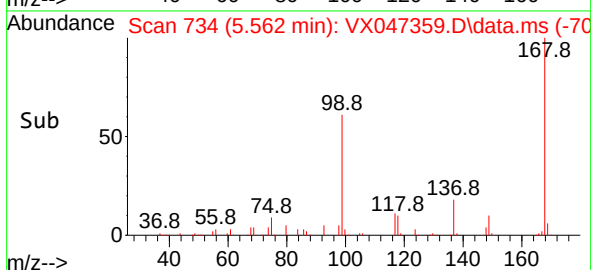
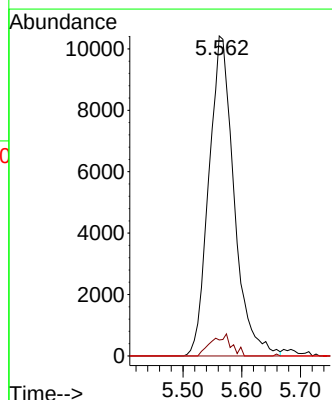
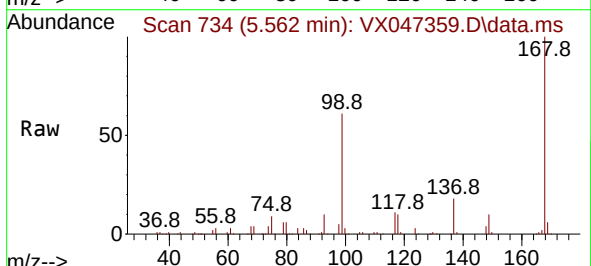
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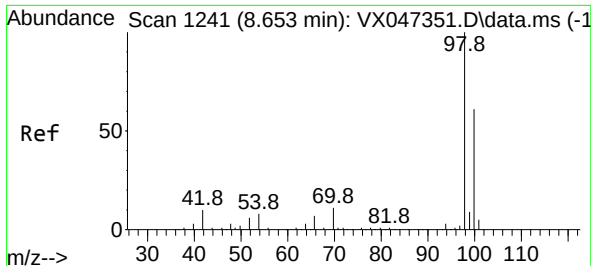
Tgt Ion: 75 Resp: 24766
Ion Ratio Lower Upper
75 100
110 10.7 17.4 52.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.796 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion: 117 Resp: 31058
Ion Ratio Lower Upper
117 100
119 5.0 78.5 117.7#
121 0.0 24.7 37.1#

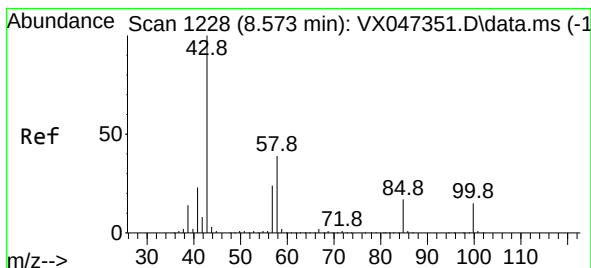
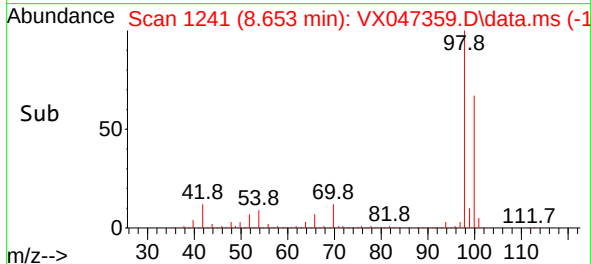
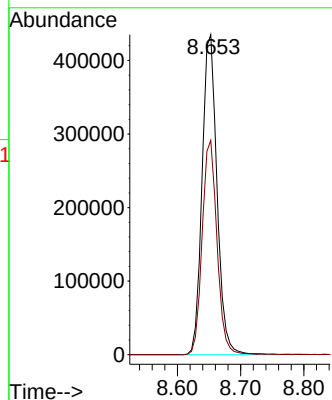
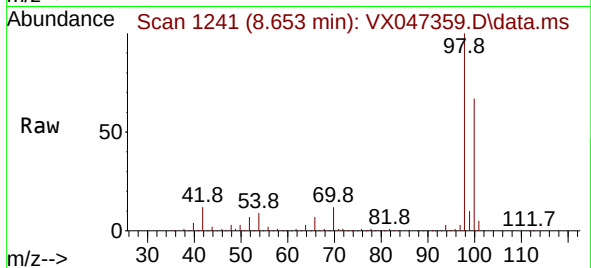




#50
Toluene-d8
Concen: 53.302 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

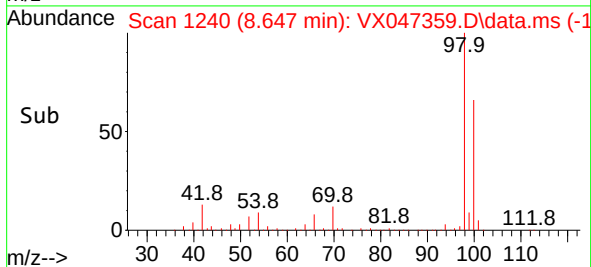
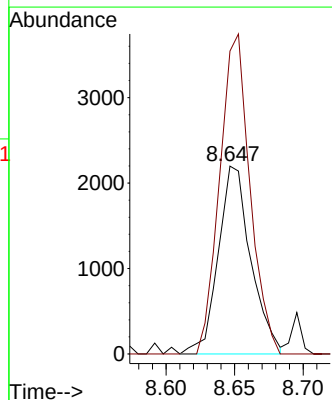
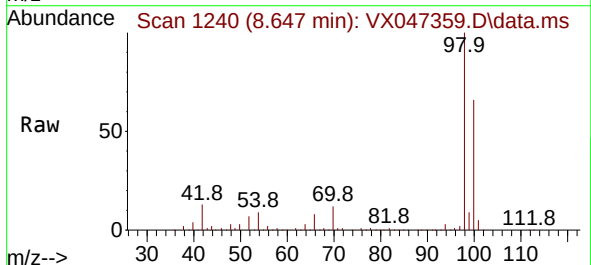
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

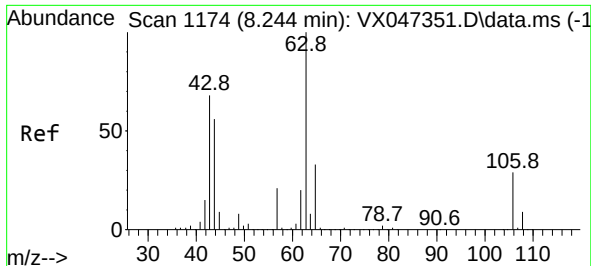
Tgt Ion: 98 Resp: 715242
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 0.715 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
58 158.2 31.2 46.8#

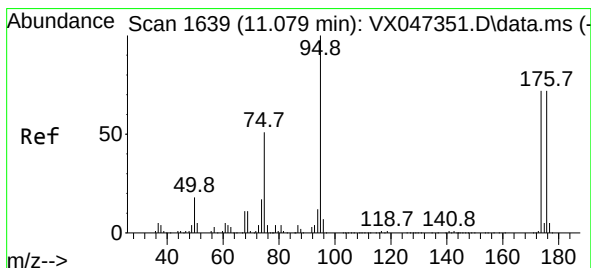
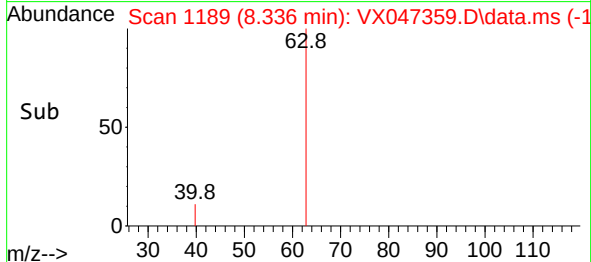
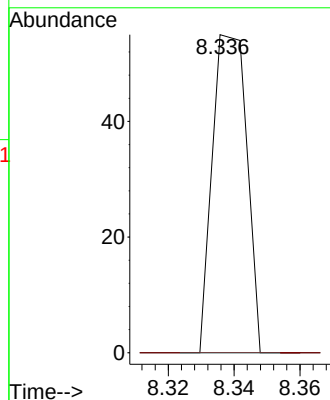
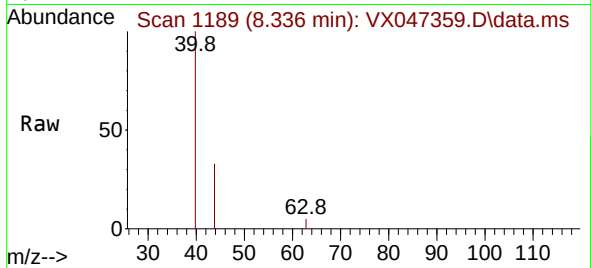




#58
2-Chloroethyl Vinyl ether
Concen: 8.369 ug/l
RT: 8.336 min Scan# 1189
Delta R.T. 0.091 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

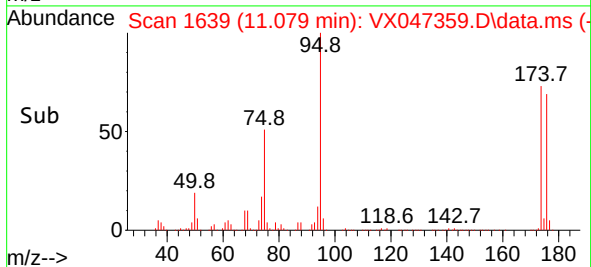
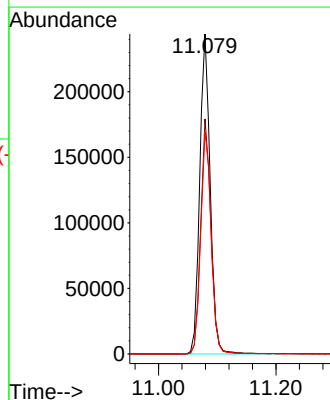
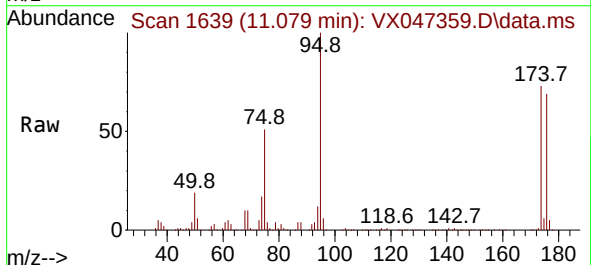
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

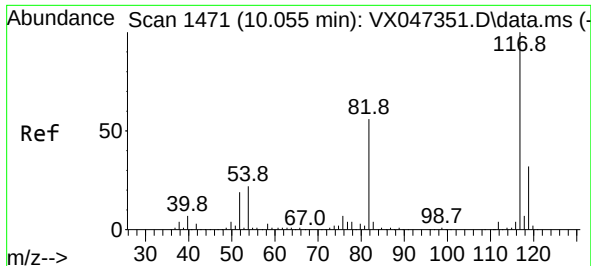
Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#62
4-Bromofluorobenzene
Concen: 60.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion: 95 Resp: 300945
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 69.7 0.0 145.4

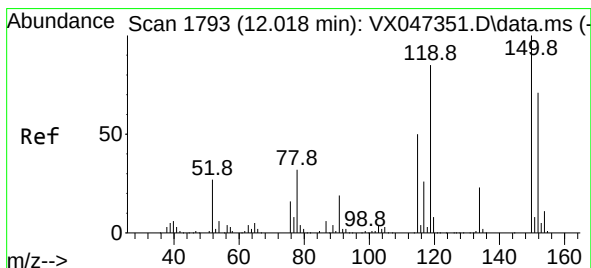
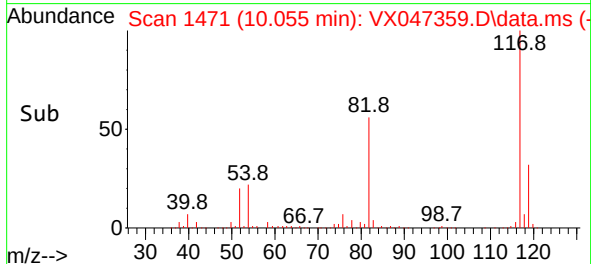
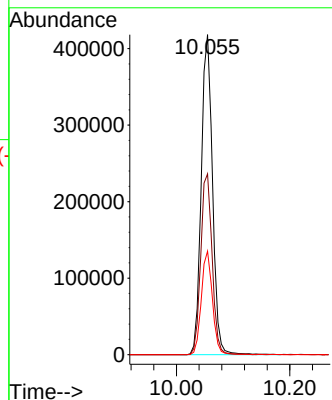
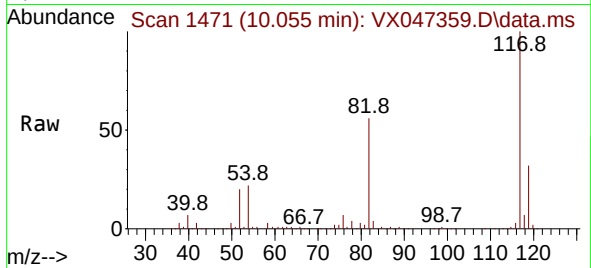




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

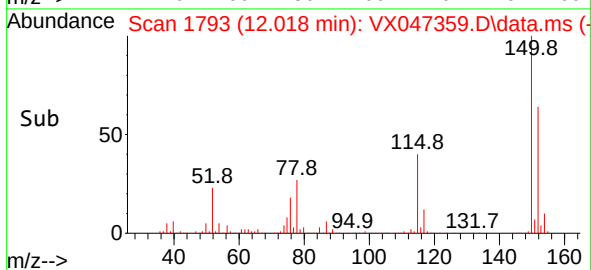
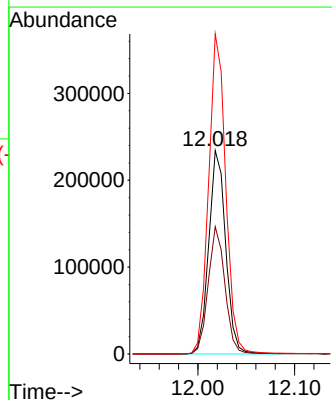
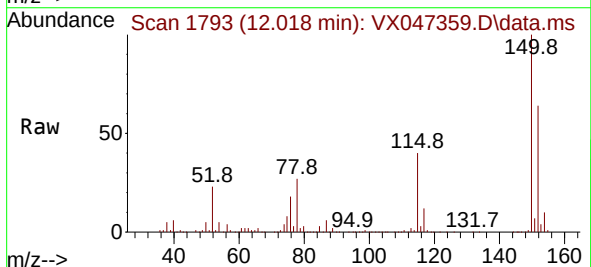
Instrument :
MSVOA_X
ClientSampleId :
VX0815MBL01

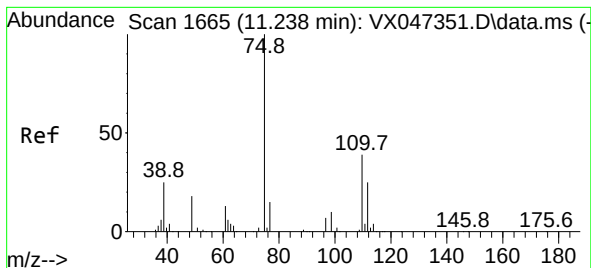
Tgt Ion:117 Resp: 574386
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047359.D
Acq: 15 Aug 2025 14:00

Tgt Ion:152 Resp: 286462
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 159.0 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 29.377 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX047359.D

Acq: 15 Aug 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

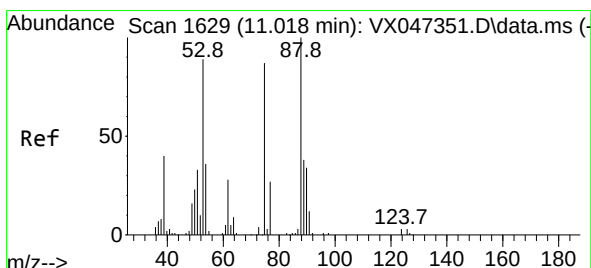
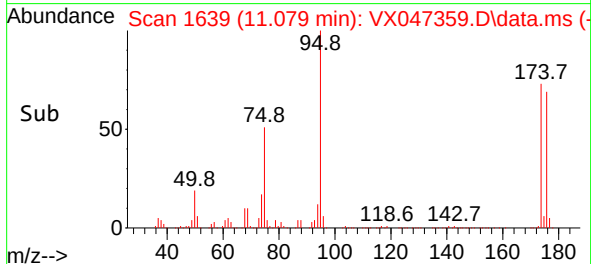
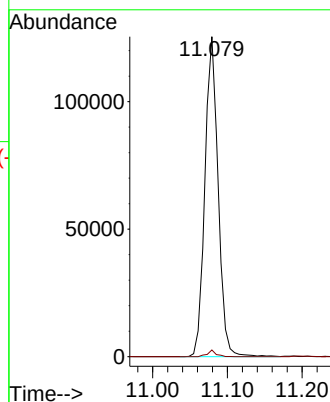
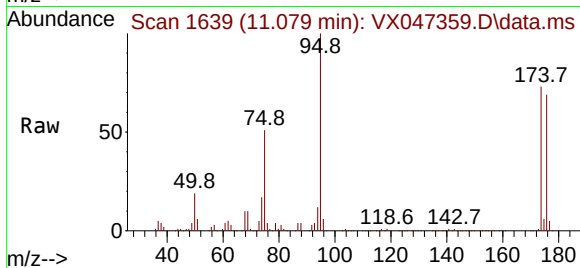
VX0815MBL01

Tgt Ion: 75 Resp: 154347

Ion Ratio Lower Upper

75 100

77 1.3 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.474 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047359.D

Acq: 15 Aug 2025 14:00

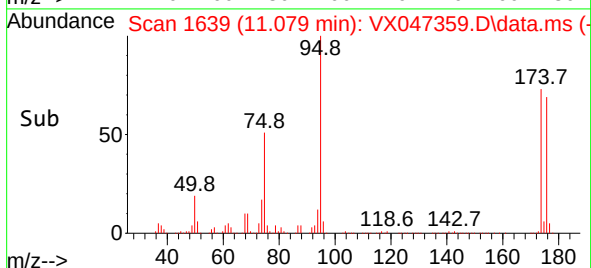
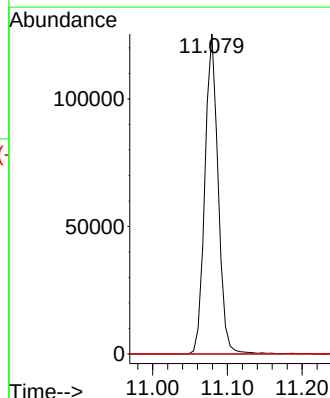
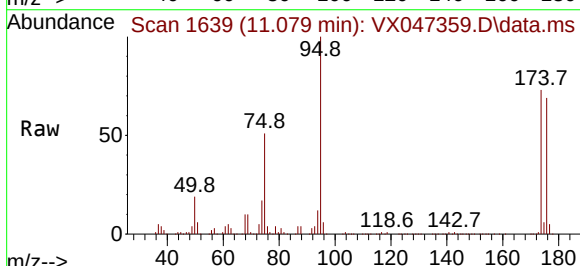
Tgt Ion: 75 Resp: 154347

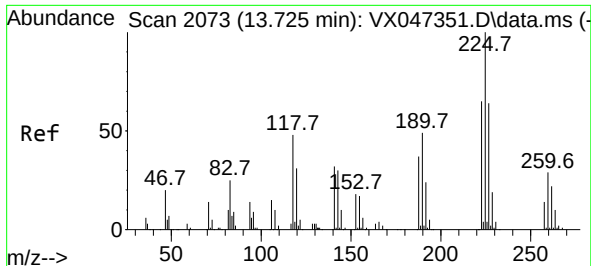
Ion Ratio Lower Upper

75 100

53 0.0 85.2 127.8#

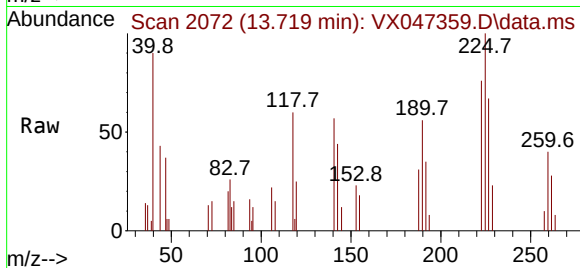
89 0.0 36.7 55.1#





#94
 Hexachlorobutadiene
 Concen: 0.614 ug/l
 RT: 13.719 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX047359.D
 Acq: 15 Aug 2025 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815MBL01



Tgt Ion:	225	Resp:	1454
Ion	Ratio	Lower	Upper
225	100		
223	71.3	32.2	96.6
227	62.7	31.6	95.0

