

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047582.D
 Acq On : 02 Sep 2025 14:26
 Operator : JC/MD
 Sample : Q2990-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 306

Quant Time: Sep 03 02:17:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

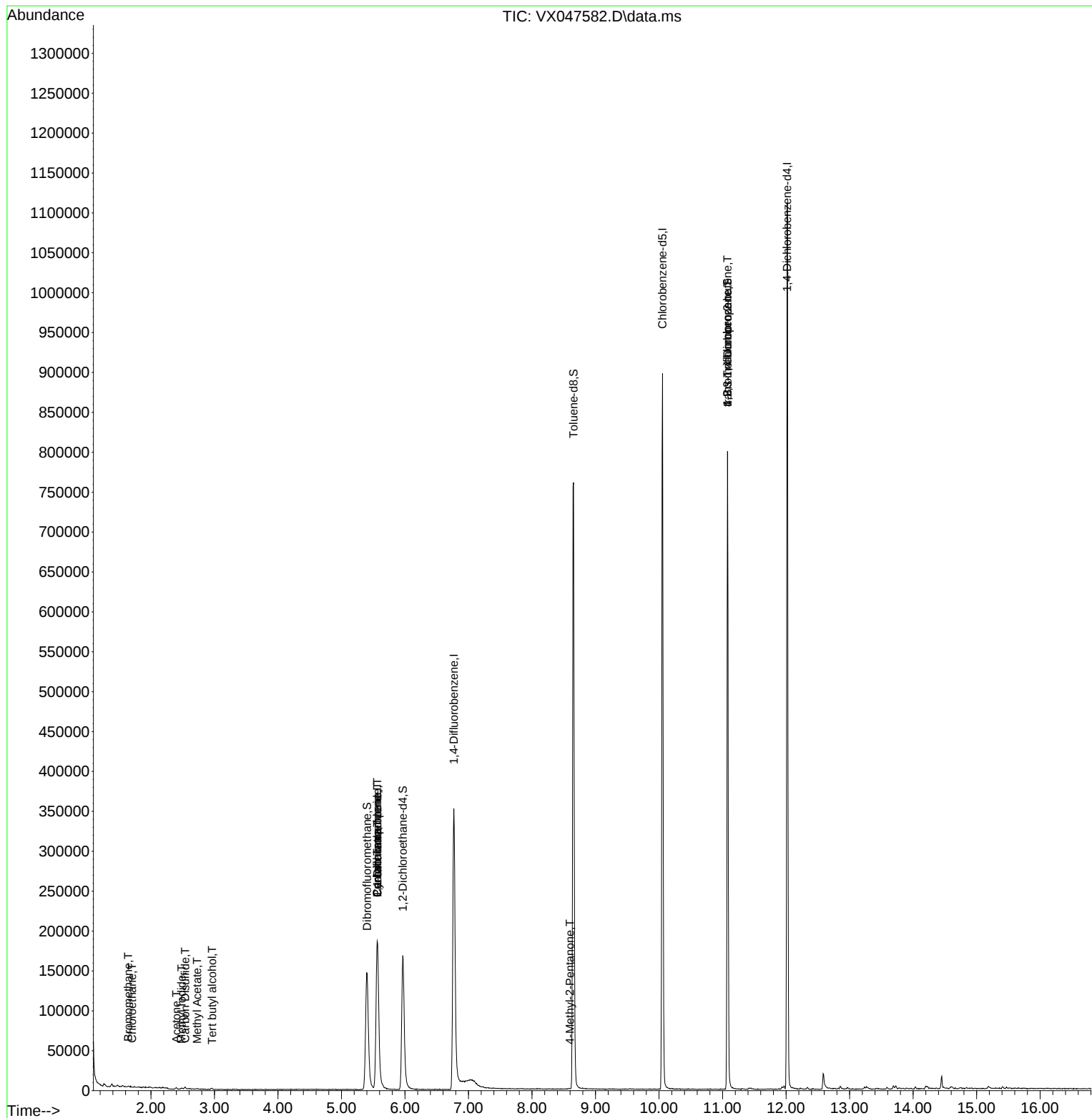
Internal Standards						
1) Pentafluorobenzene	5.562	168	191064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177066	60.348	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.700%#		
35) Dibromofluoromethane	5.404	113	141346	53.408	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.820%		
50) Toluene-d8	8.653	98	478960	51.632	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.260%		
62) 4-Bromofluorobenzene	11.079	95	209506	60.117	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 120.240%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	419	0.361	ug/l	95
6) Chloroethane	1.703	64	616	0.361	ug/l #	40
10) Methyl Iodide	2.483	142	1888	0.501	ug/l #	76
11) Tert butyl alcohol	2.965	59	90	0.334	ug/l #	73
16) Acetone	2.398	43	2751	2.367	ug/l	90
17) Carbon Disulfide	2.538	76	2482	0.346	ug/l #	94
18) Methyl Acetate	2.727	43	1085	0.379	ug/l #	86
31) Cyclohexane	5.562	56	4063	0.985	ug/l #	35
36) 1,1-Dichloropropene	5.562	75	15355	4.077	ug/l #	48
38) Carbon Tetrachloride	5.562	117	20379	4.876	ug/l #	15
51) 4-Methyl-2-Pentanone	8.598	43	1287	0.365	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	107418	27.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	107418	98.321	ug/l #	7

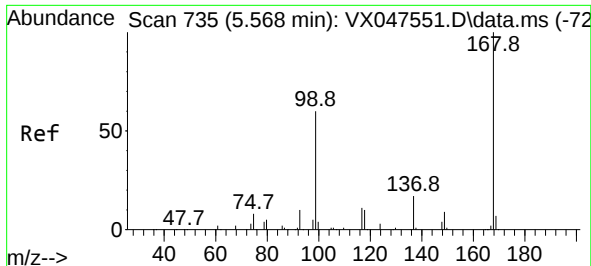
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047582.D
Acq On : 02 Sep 2025 14:26
Operator : JC/MD
Sample : Q2990-03 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
306

Quant Time: Sep 03 02:17:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

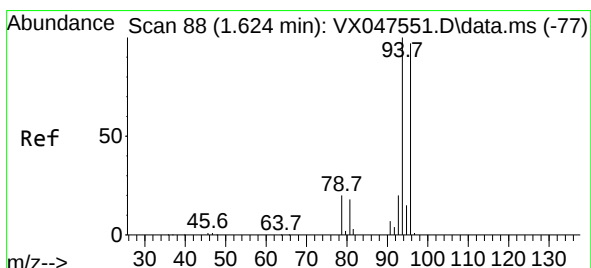
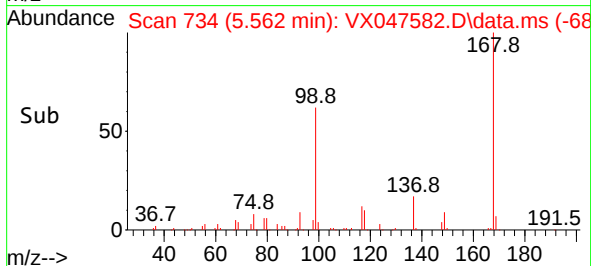
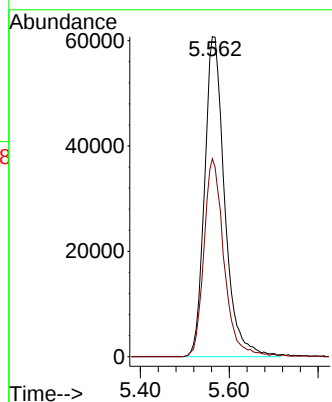
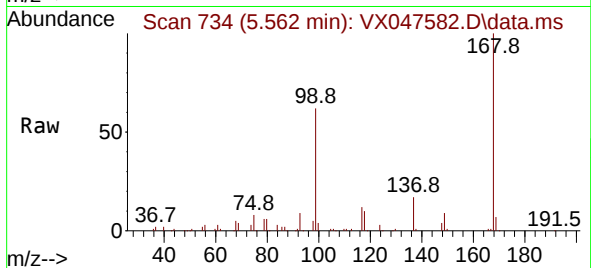




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

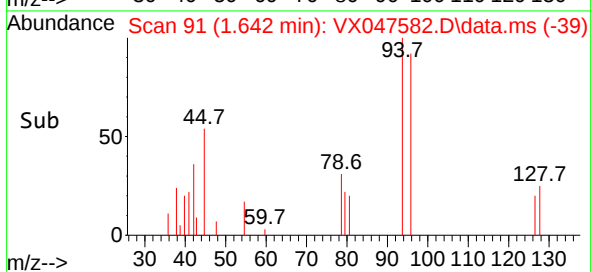
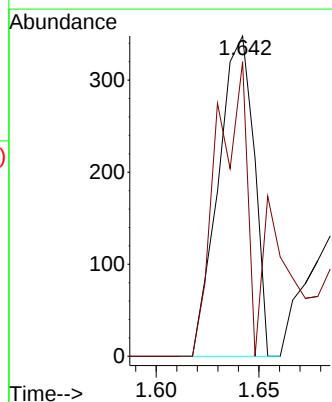
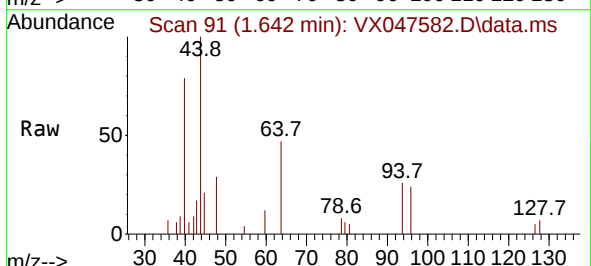
Instrument :
MSVOA_X
ClientSampleId :
306

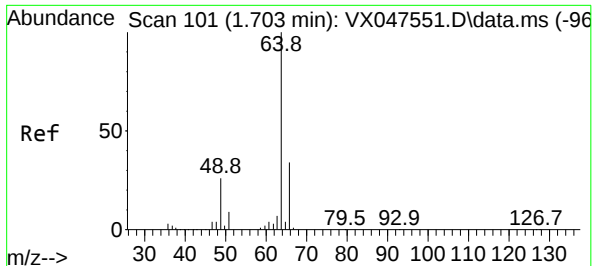
Tgt Ion:168 Resp: 191064
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 92.0 77.7 116.5

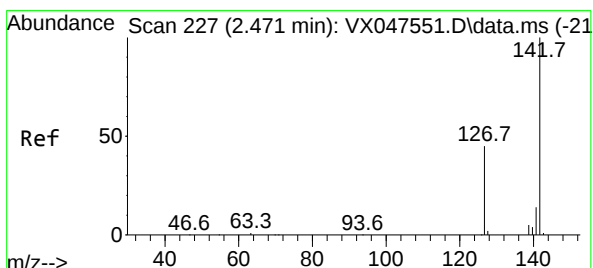
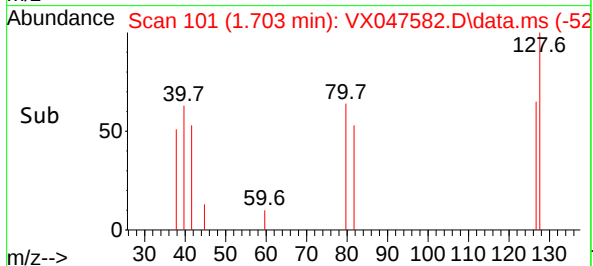
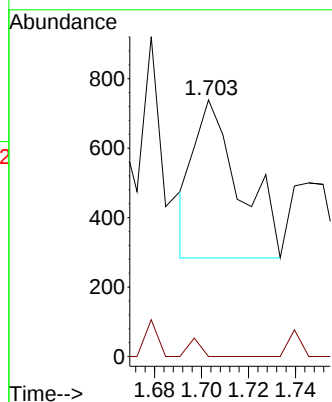
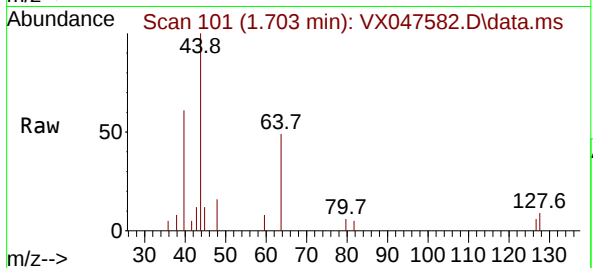




#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

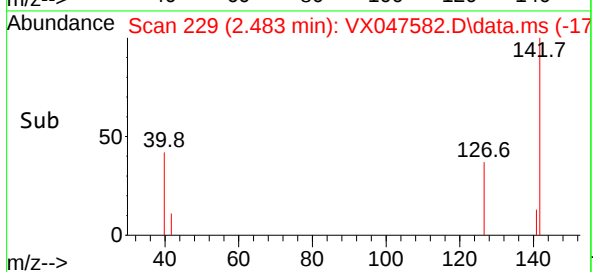
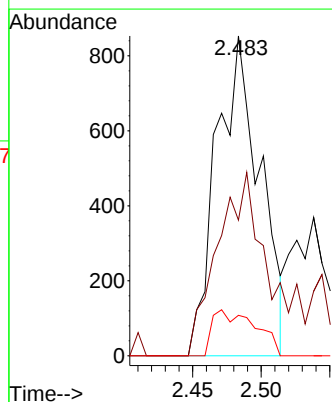
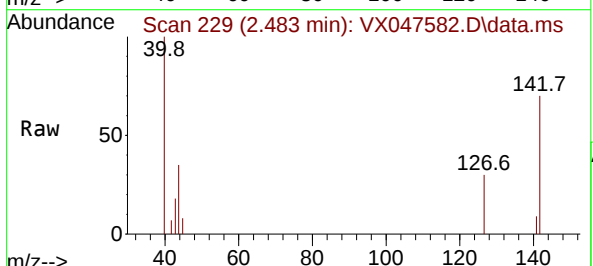
Instrument :
MSVOA_X
ClientSampleId :
306

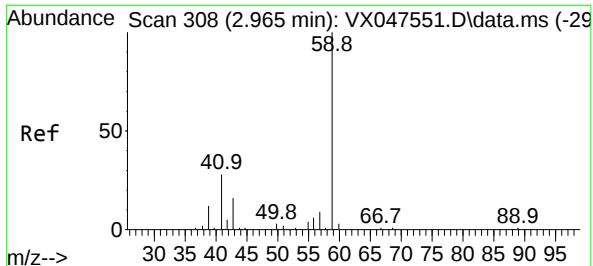
Tgt Ion: 64 Resp: 616
Ion Ratio Lower Upper
64 100
66 0.0 27.4 41.2#



#10
Methyl Iodide
Concen: 0.501 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 142 Resp: 1888
Ion Ratio Lower Upper
142 100
127 67.4 37.6 56.4#
141 14.2 10.6 16.0





#11

Tert butyl alcohol

Concen: 0.334 ug/l

RT: 2.965 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

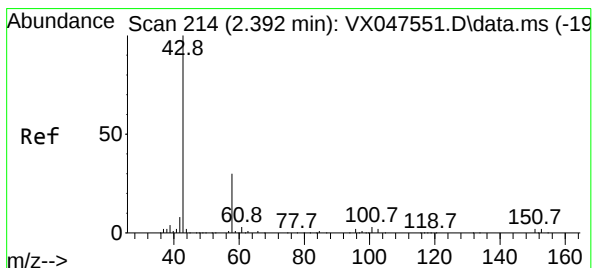
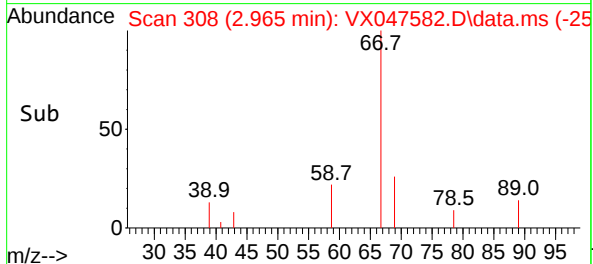
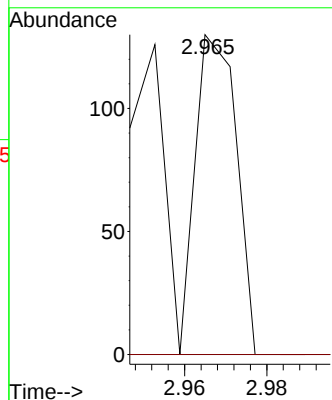
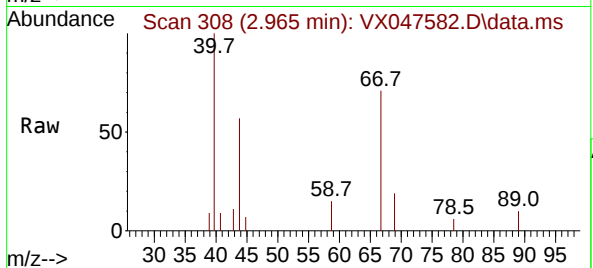
306

Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 2.367 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX047582.D

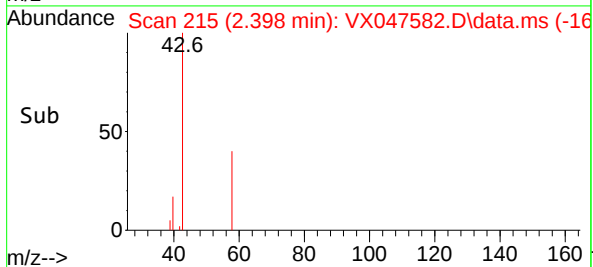
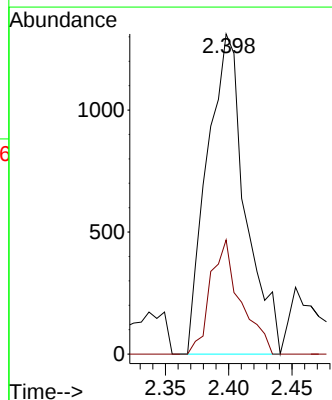
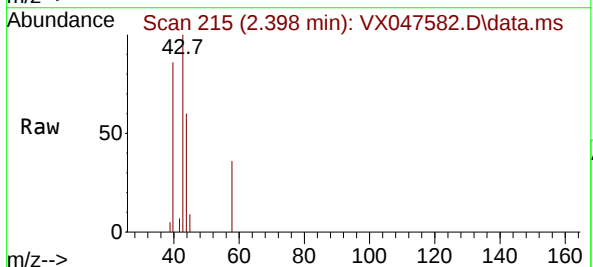
Acq: 02 Sep 2025 14:26

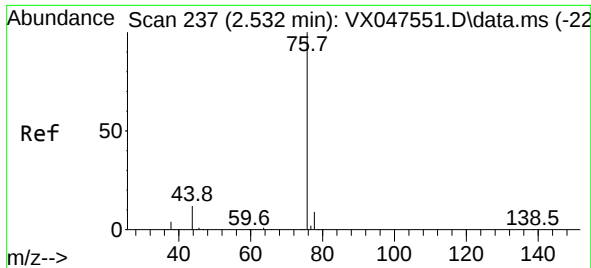
Tgt Ion: 43 Resp: 2751

Ion Ratio Lower Upper

43 100

58 35.7 24.2 36.2

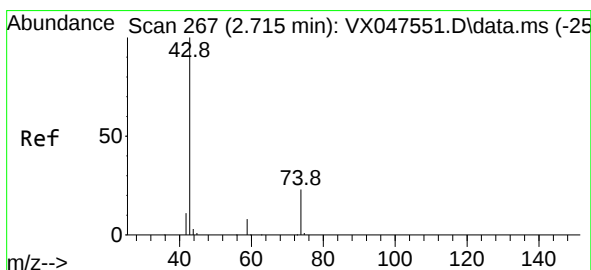
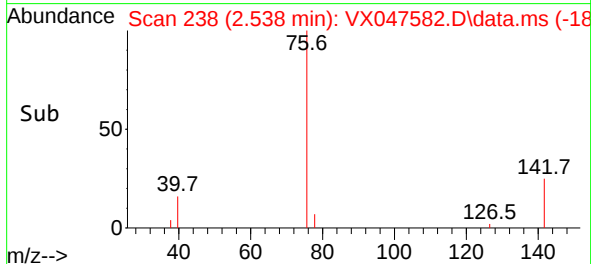
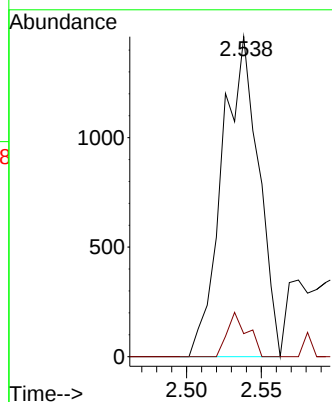
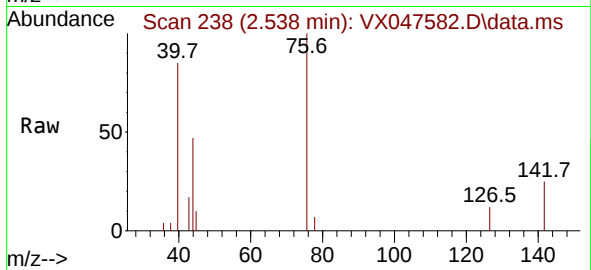




#17
Carbon Disulfide
Concen: 0.346 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

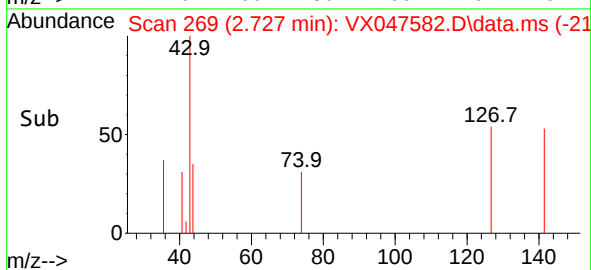
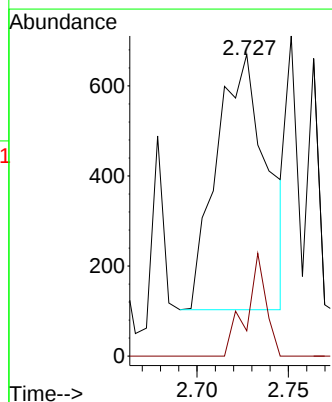
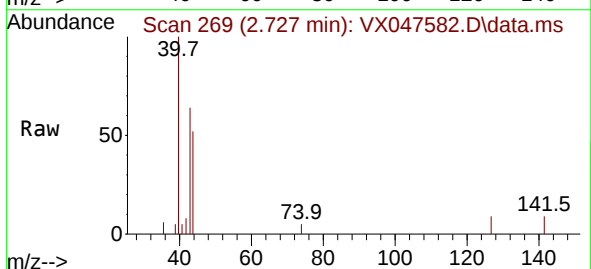
Instrument :
MSVOA_X
ClientSampleId :
306

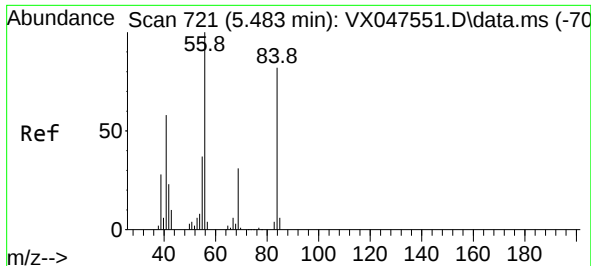
Tgt Ion: 76 Resp: 2482
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#18
Methyl Acetate
Concen: 0.379 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
74 15.8 17.8 26.8#

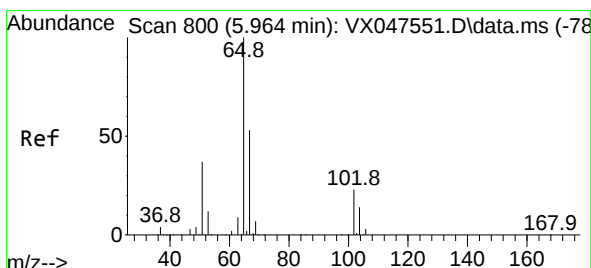
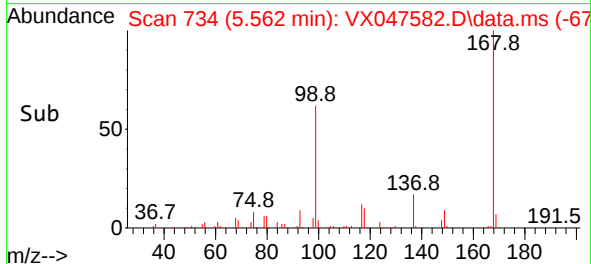
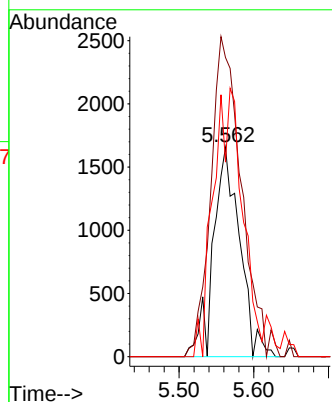
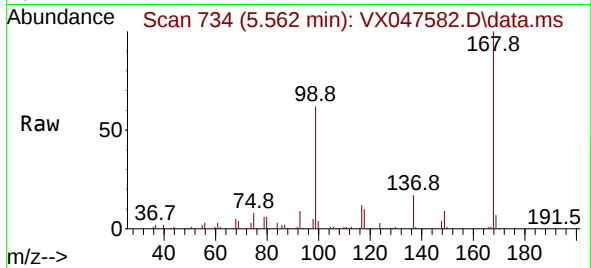




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

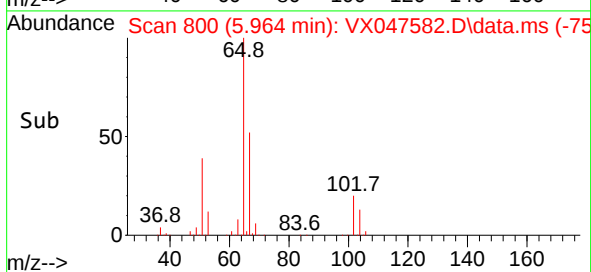
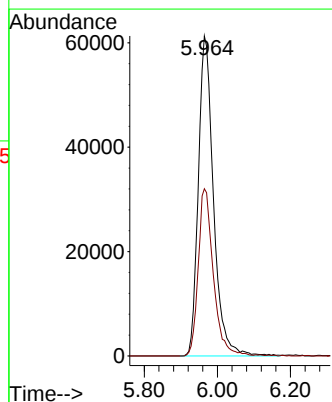
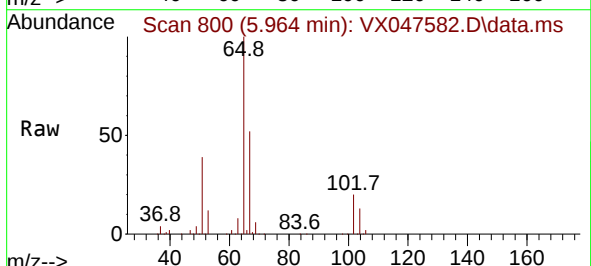
Instrument :
MSVOA_X
ClientSampleId :
306

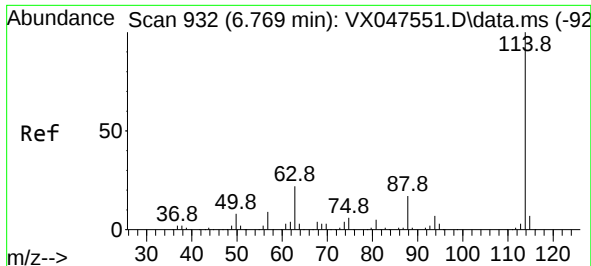
Tgt Ion: 56 Resp: 4063
Ion Ratio Lower Upper
56 100
69 143.0 24.2 36.2#
84 92.9 65.5 98.3



#33
1,2-Dichloroethane-d4
Concen: 60.348 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 65 Resp: 177066
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

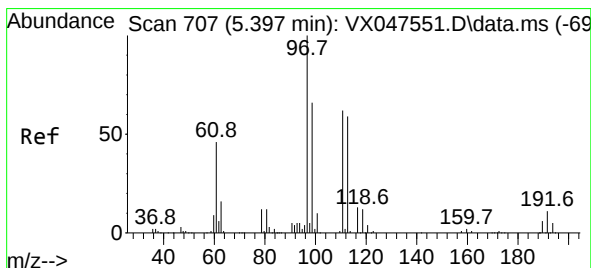
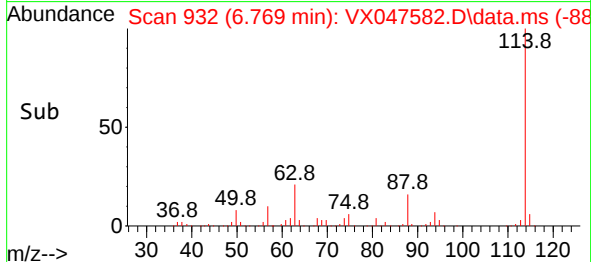
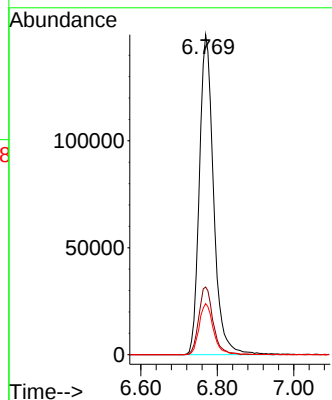
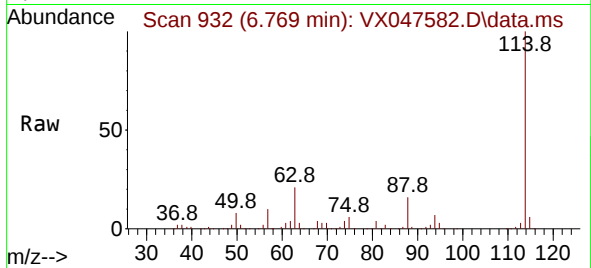




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

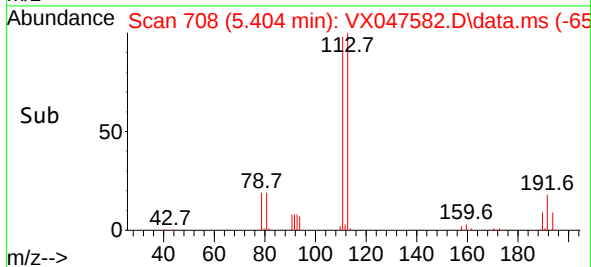
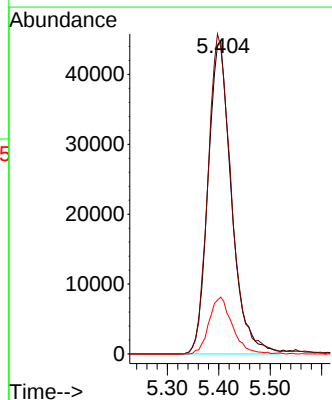
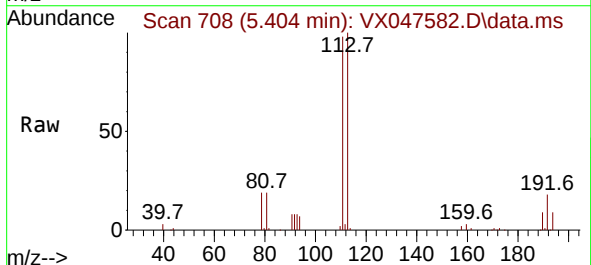
Instrument :
MSVOA_X
ClientSampleId :
306

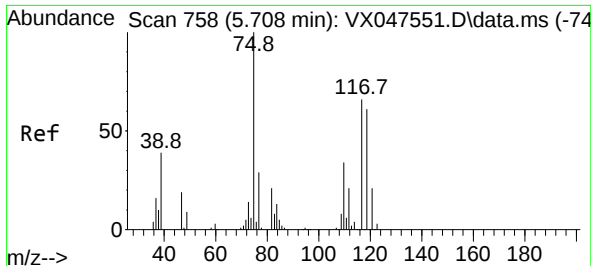
Tgt Ion:114 Resp: 385599
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.408 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion:113 Resp: 141346
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.077 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

306

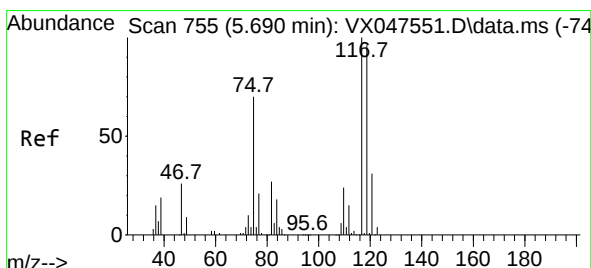
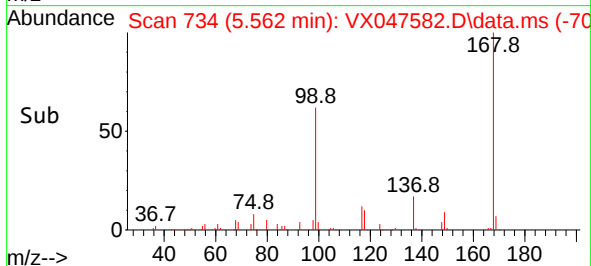
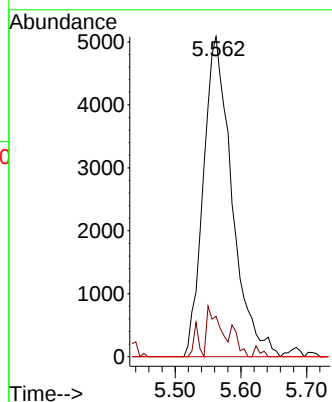
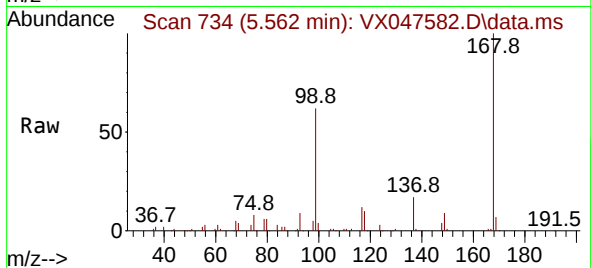
Tgt Ion: 75 Resp: 15355

Ion Ratio Lower Upper

75 100

110 7.3 17.1 51.3#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 4.876 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

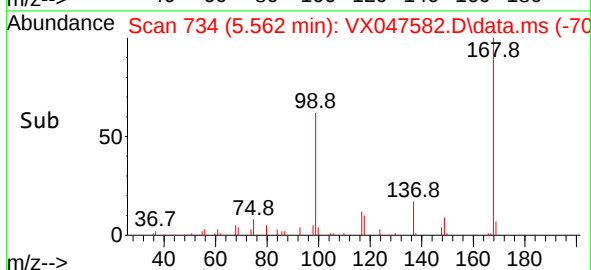
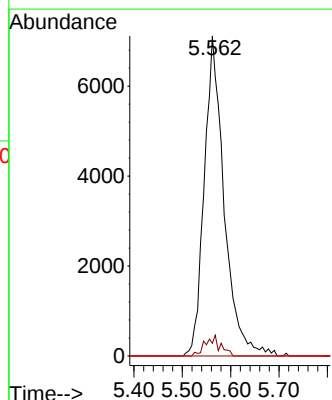
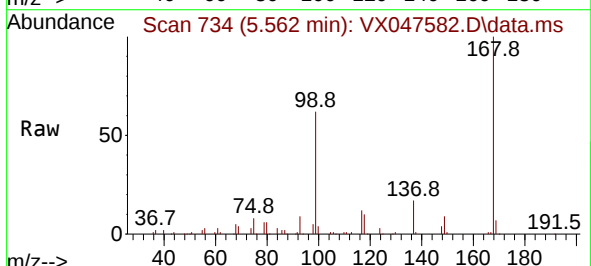
Tgt Ion: 117 Resp: 20379

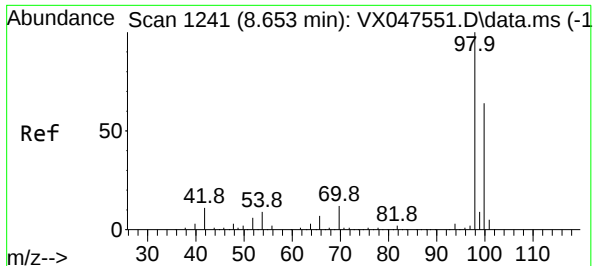
Ion Ratio Lower Upper

117 100

119 4.0 76.4 114.6#

121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 51.632 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

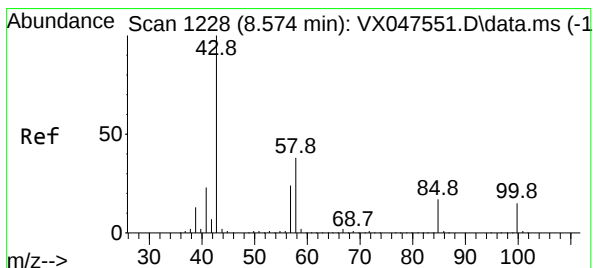
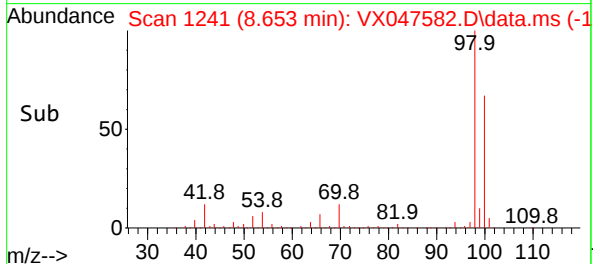
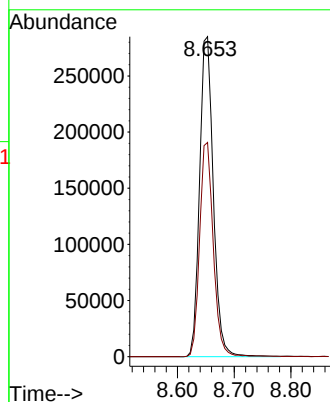
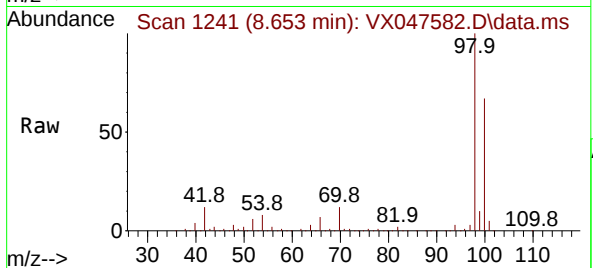
306

Tgt Ion: 98 Resp: 478960

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 0.365 ug/l

RT: 8.598 min Scan# 1232

Delta R.T. 0.024 min

Lab File: VX047582.D

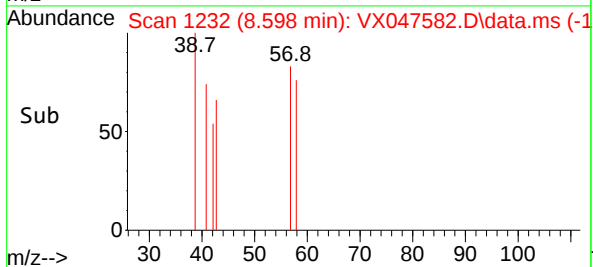
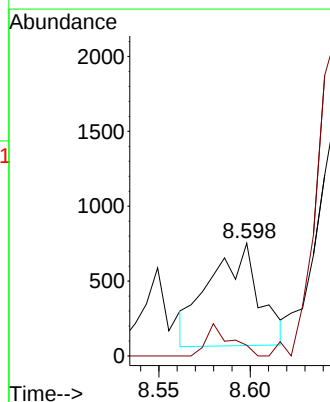
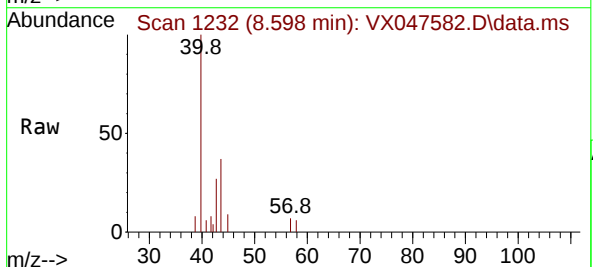
Acq: 02 Sep 2025 14:26

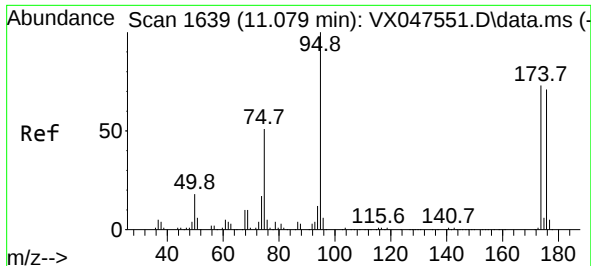
Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

58 15.6 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 60.117 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

306

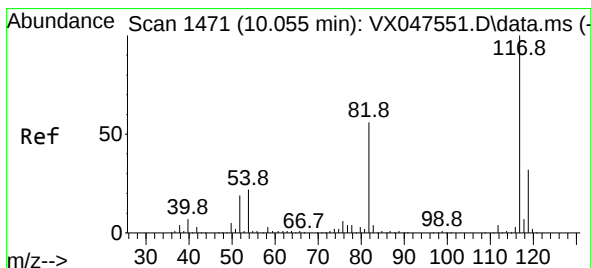
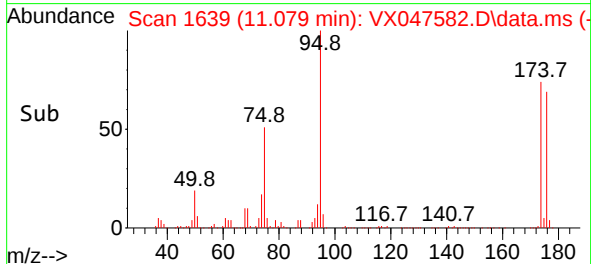
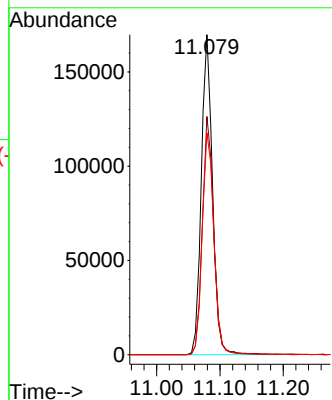
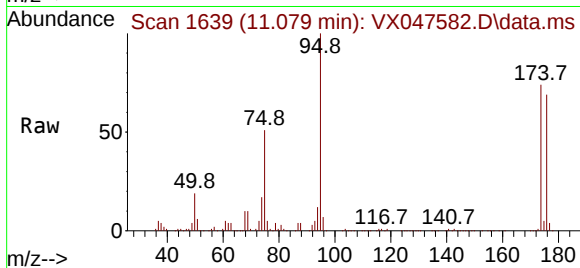
Tgt Ion: 95 Resp: 209506

Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.2

176 72.0 0.0 140.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047582.D

Acq: 02 Sep 2025 14:26

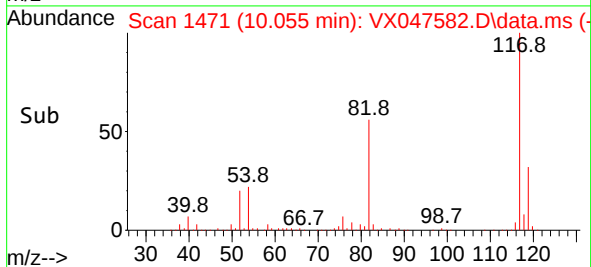
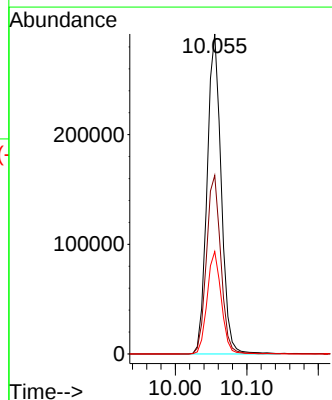
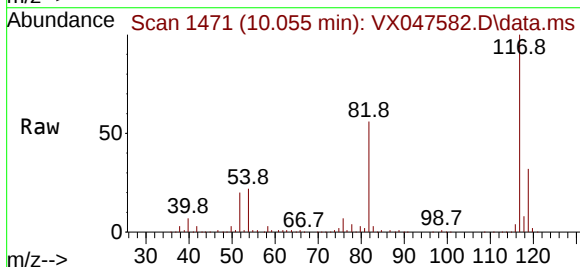
Tgt Ion: 117 Resp: 400109

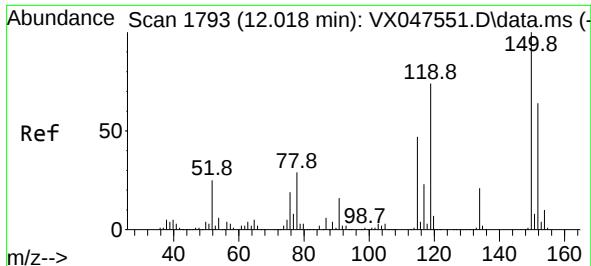
Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 32.0 25.7 38.5

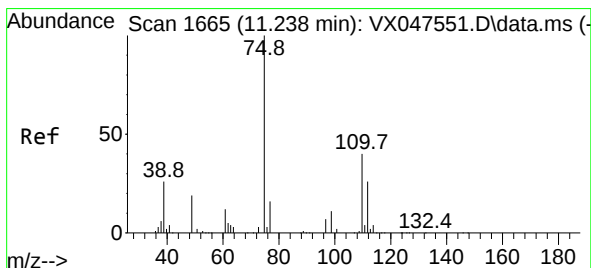
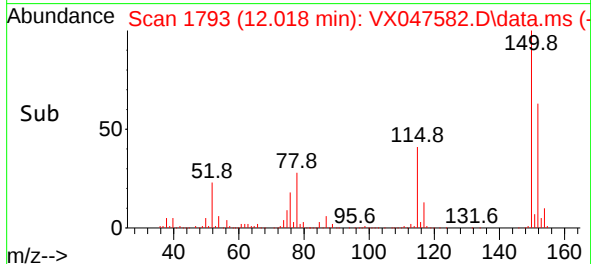
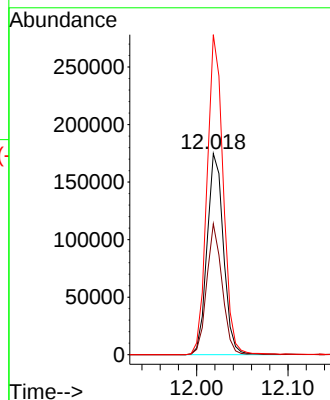
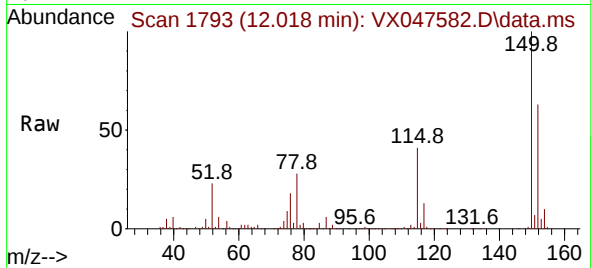




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047582.D
 Acq: 02 Sep 2025 14:26

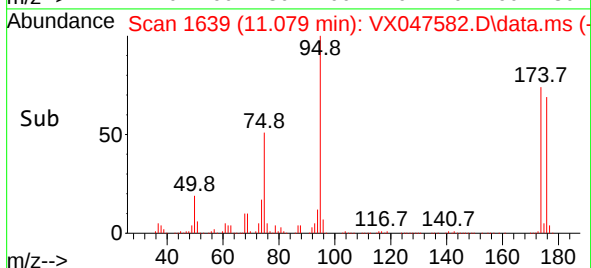
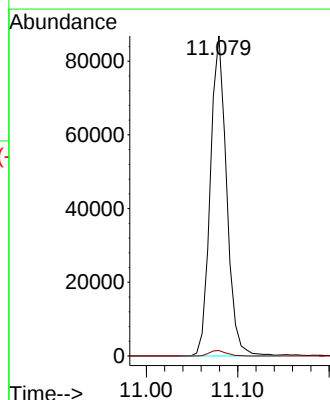
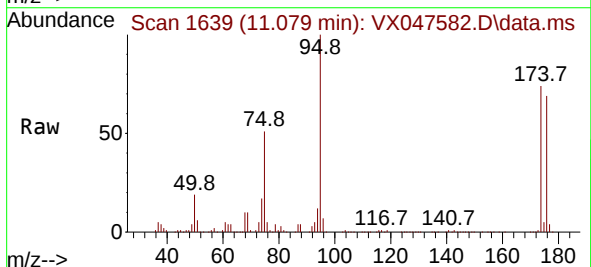
Instrument :
 MSVOA_X
 ClientSampleId :
 306

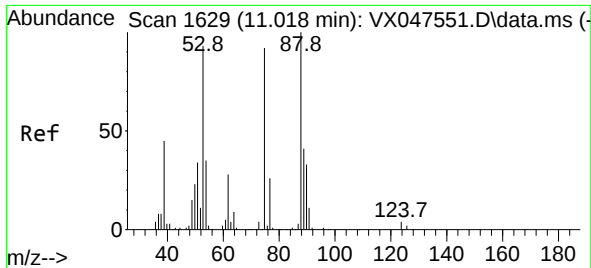
Tgt Ion:152 Resp: 217323
 Ion Ratio Lower Upper
 152 100
 115 61.5 42.9 128.5
 150 157.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.695 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX047582.D
 Acq: 02 Sep 2025 14:26

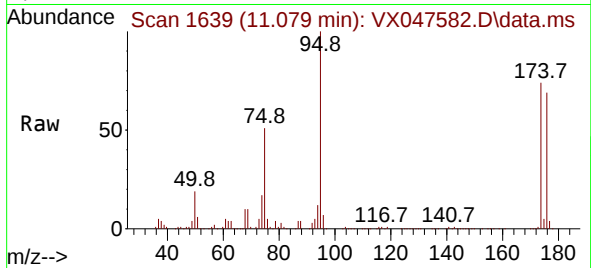
Tgt Ion: 75 Resp: 107418
 Ion Ratio Lower Upper
 75 100
 77 1.8 19.7 59.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.321 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047582.D
 Acq: 02 Sep 2025 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 306



Tgt Ion: 75 Resp: 107418
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.7 128.5#
 89 0.0 36.4 54.6#

