

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046834.D
 Acq On : 30 Jun 2025 11:30
 Operator : JC/MD
 Sample : Q2460-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Jul 01 05:19:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

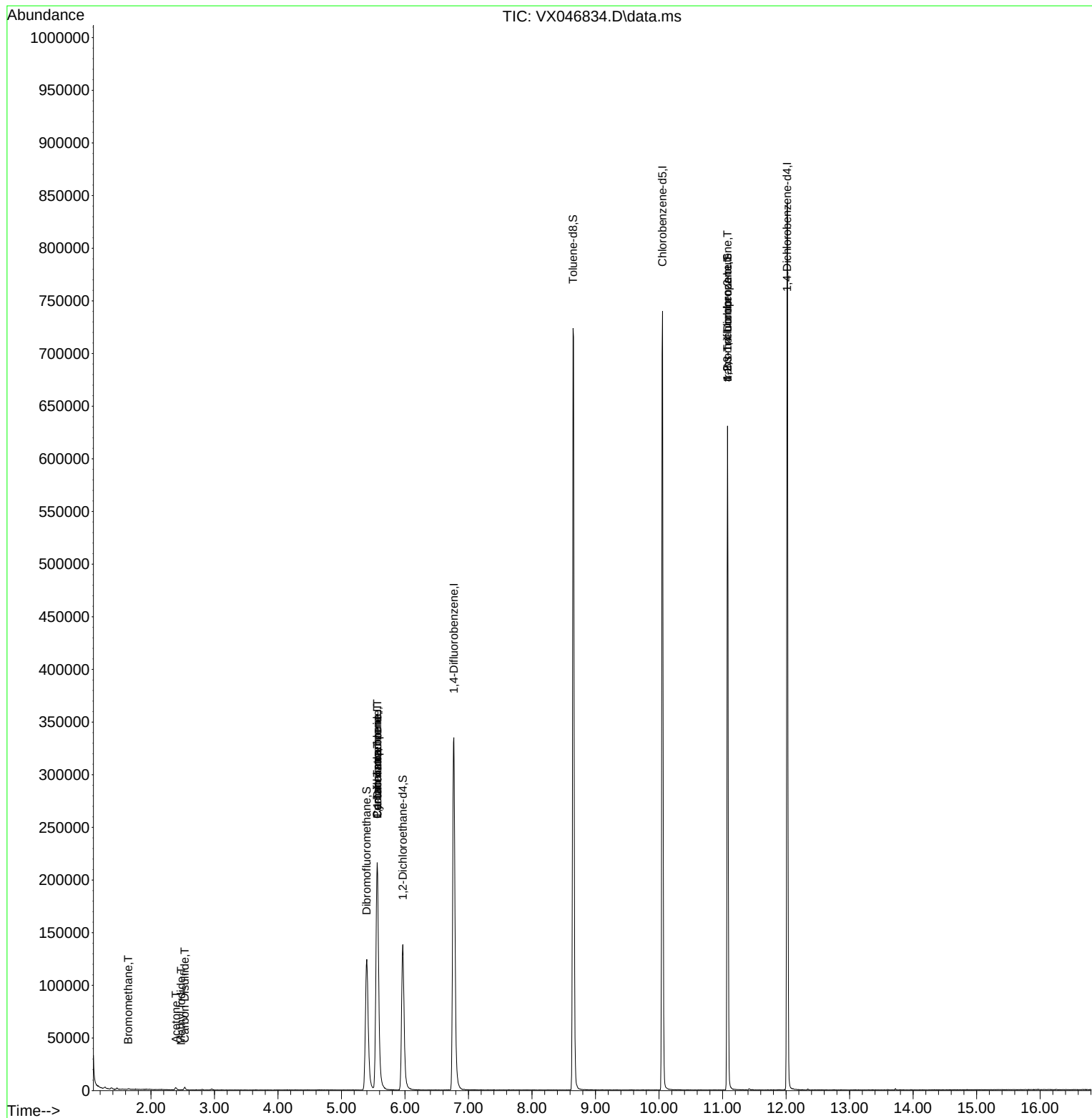
Internal Standards						
1) Pentafluorobenzene	5.562	168	222627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	371223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142100	46.146	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	5.397	113	119117	48.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	445384	50.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	169901	51.651	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	438	0.285	ug/l	96
10) Methyl Iodide	2.477	142	287	4.416	ug/l #	38
16) Acetone	2.392	43	3247	3.162	ug/l	95
17) Carbon Disulfide	2.532	76	3021	0.407	ug/l #	94
31) Cyclohexane	5.562	56	4532	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17604	4.965	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22593	5.872	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	86198	27.977	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	86198	79.079	ug/l #	7

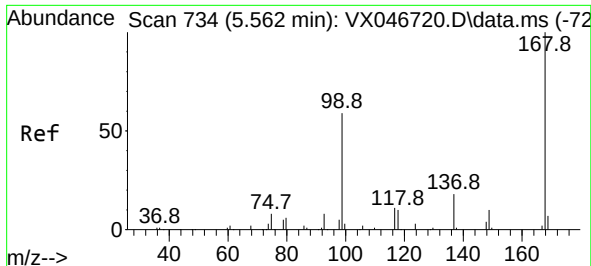
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046834.D
Acq On : 30 Jun 2025 11:30
Operator : JC/MD
Sample : Q2460-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Jul 01 05:19:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

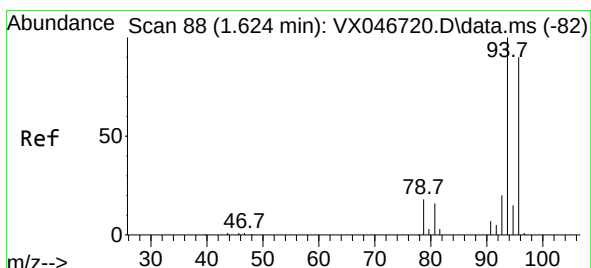
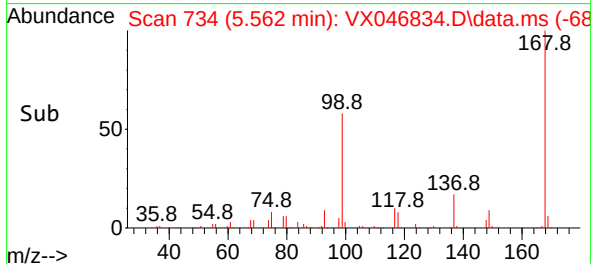
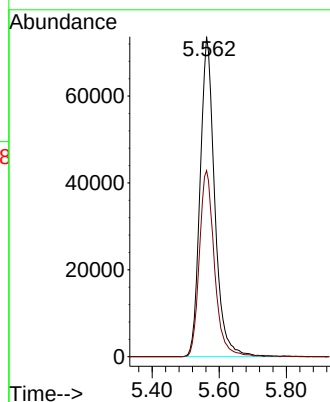
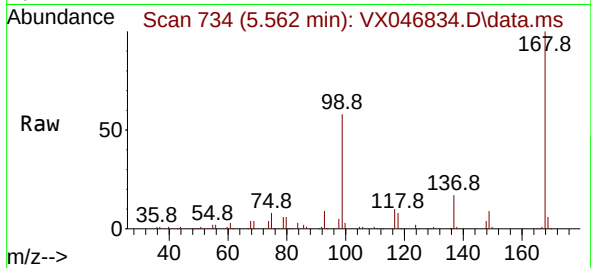




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

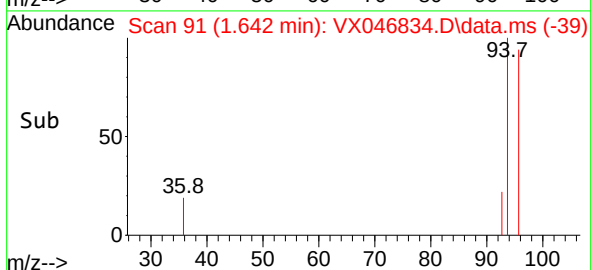
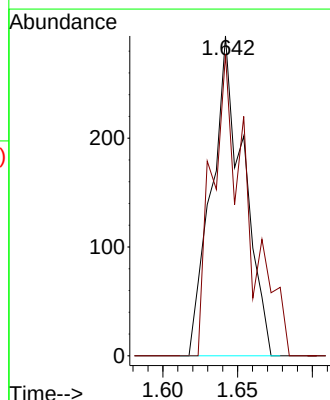
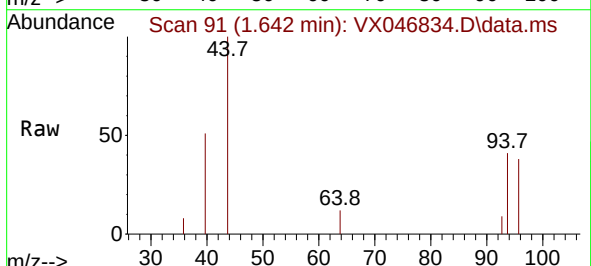
Instrument :
MSVOA_X
ClientSampleId :
SW-1

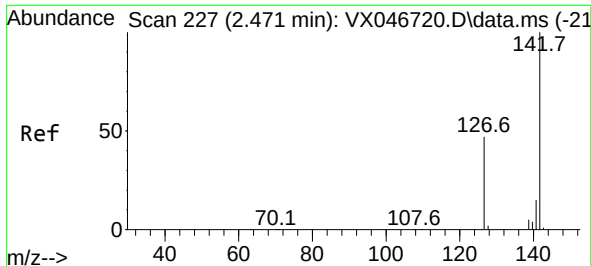
Tgt Ion:168 Resp: 222627
Ion Ratio Lower Upper
168 100
99 58.2 48.5 72.7



#5
Bromomethane
Concen: 0.285 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 94.2 72.3 108.5

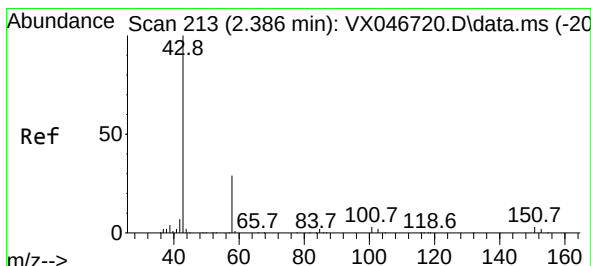
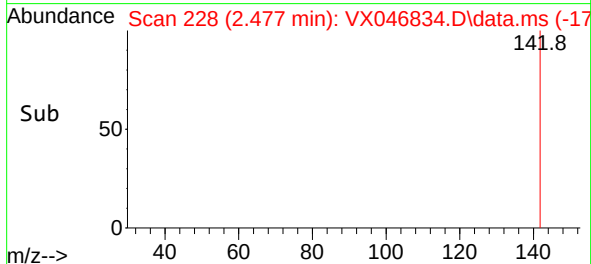
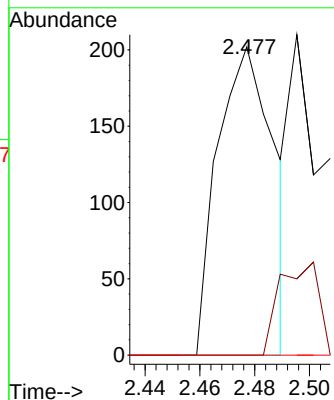
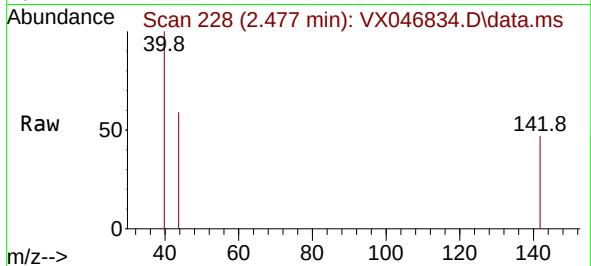




#10
Methyl Iodide
Concen: 4.416 ug/l
RT: 2.477 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

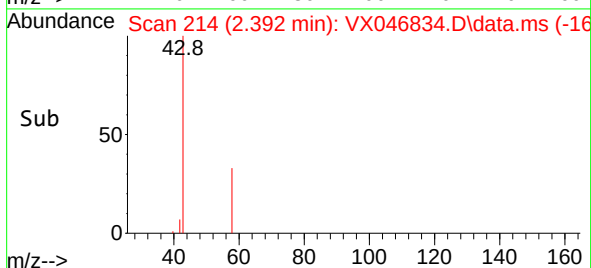
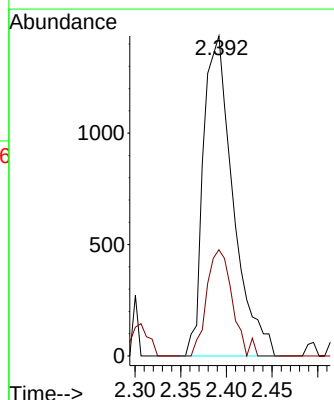
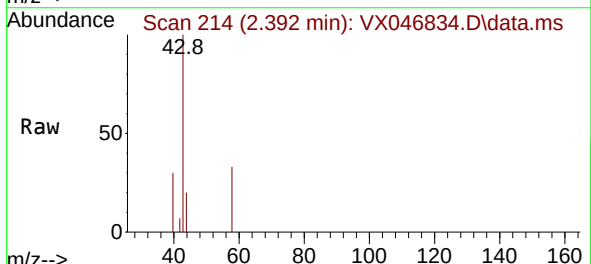
Instrument :
MSVOA_X
ClientSampleId :
SW-1

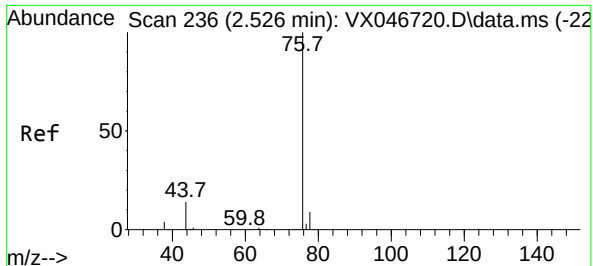
Tgt Ion:142 Resp: 287
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 3.162 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7

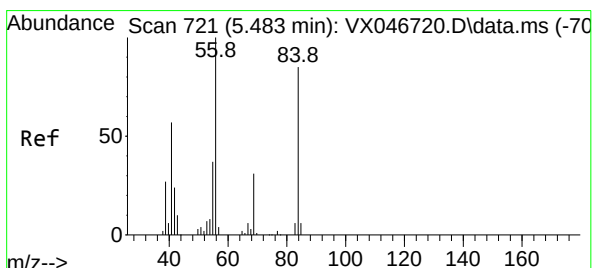
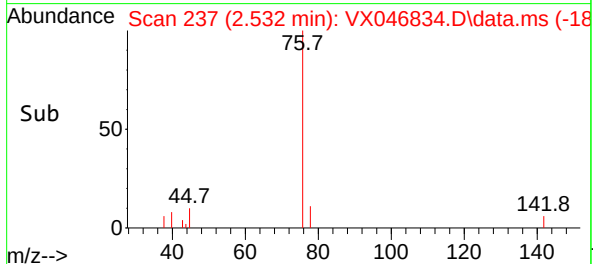
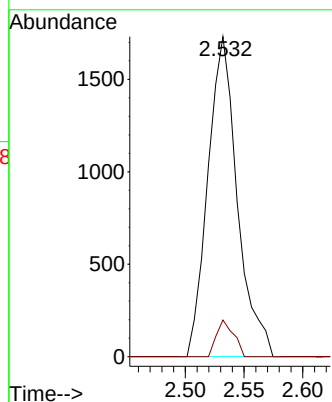
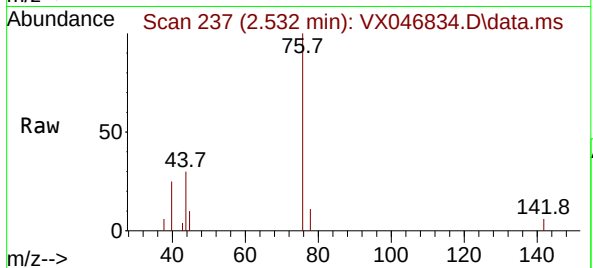




#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

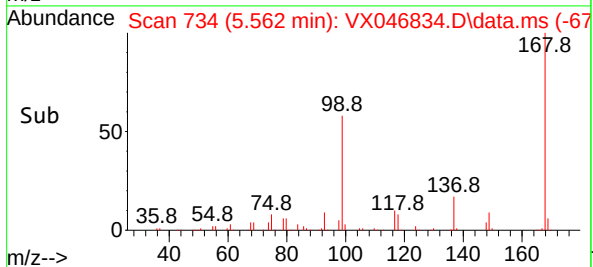
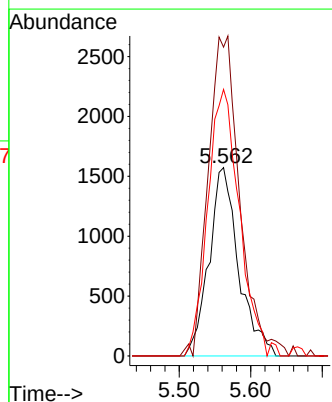
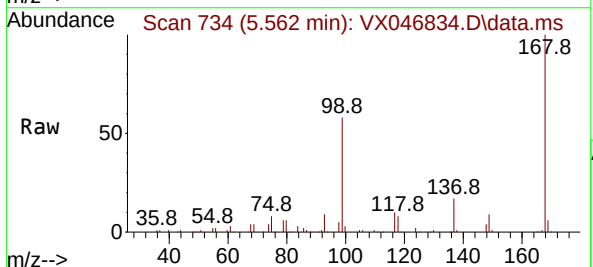
Instrument :
MSVOA_X
ClientSampleId :
SW-1

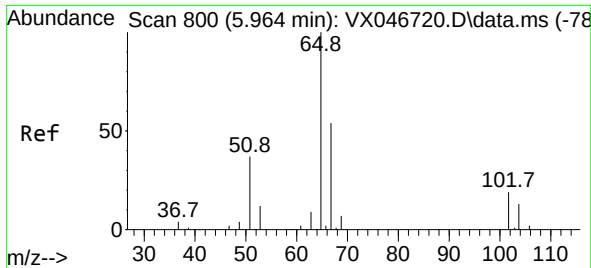
Tgt Ion: 76 Resp: 3021
Ion Ratio Lower Upper
76 100
78 11.4 7.5 11.3#



#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Tgt Ion: 56 Resp: 4532
Ion Ratio Lower Upper
56 100
69 164.1 24.8 37.2#
84 141.6 68.2 102.2#

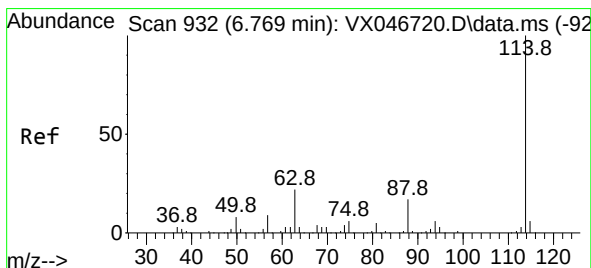
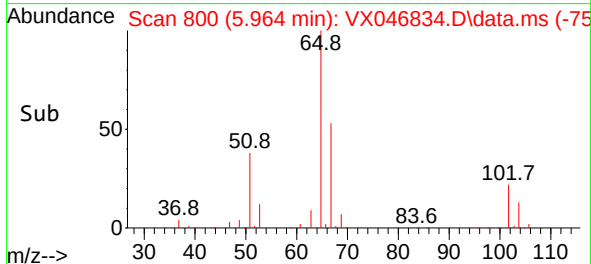
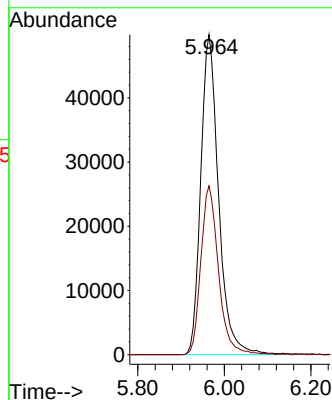
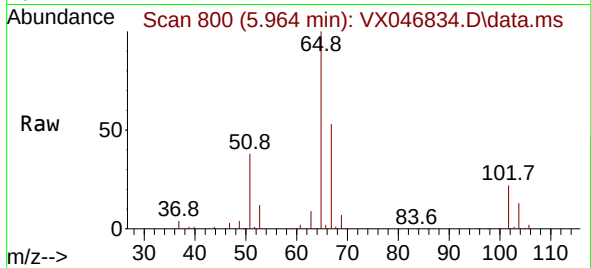




#33
 1,2-Dichloroethane-d4
 Concen: 46.146 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046834.D
 Acq: 30 Jun 2025 11:30

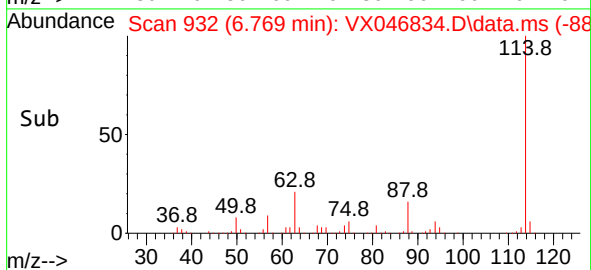
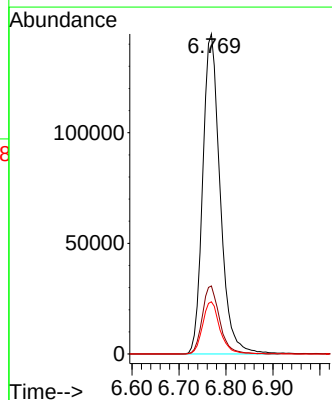
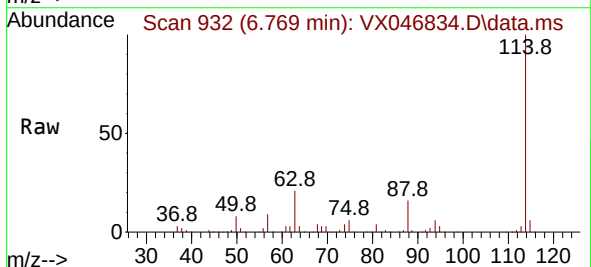
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

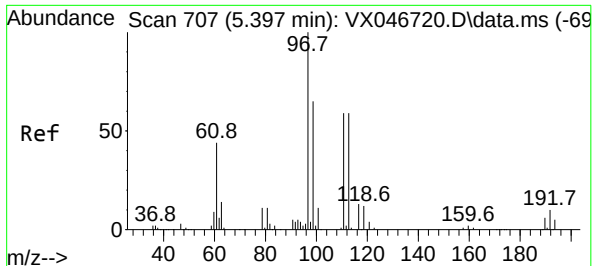
Tgt Ion: 65 Resp: 142100
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046834.D
 Acq: 30 Jun 2025 11:30

Tgt Ion: 114 Resp: 371223
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.2
 88 16.3 0.0 33.2

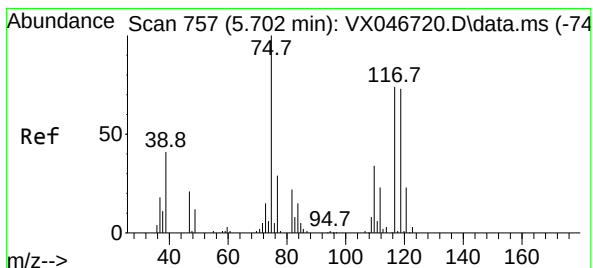
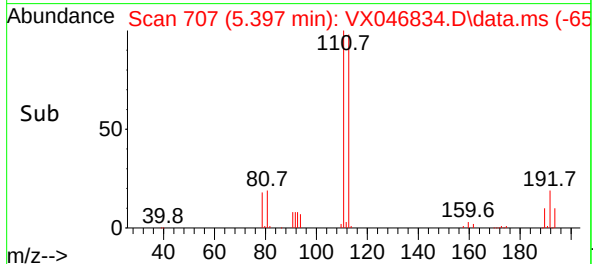
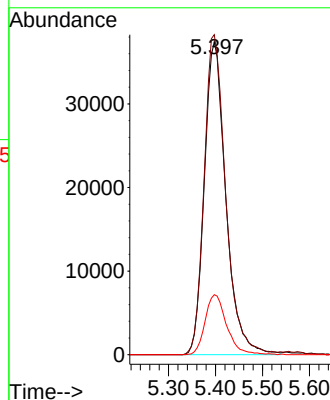
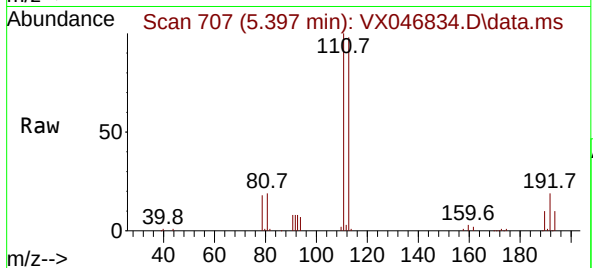




#35
Dibromofluoromethane
Concen: 48.498 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

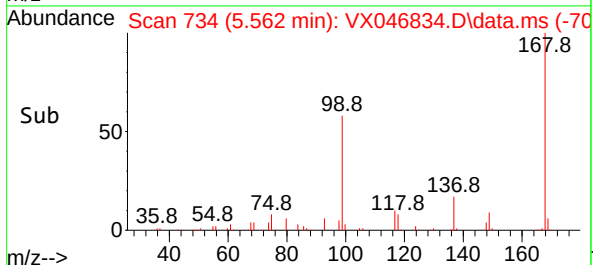
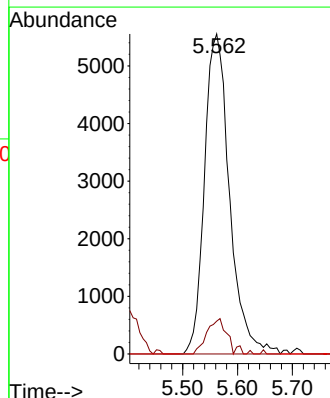
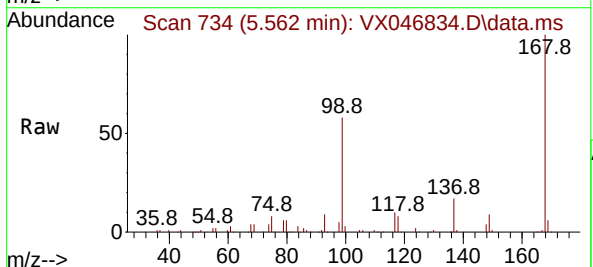
Instrument :
MSVOA_X
ClientSampleId :
SW-1

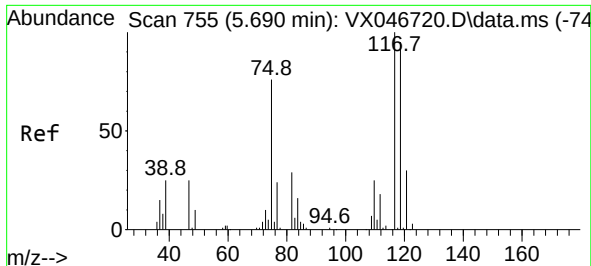
Tgt Ion:113 Resp: 119117
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

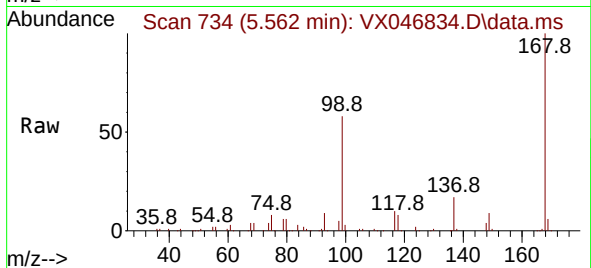
Tgt Ion: 75 Resp: 17604
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.5#
77 0.0 24.2 36.4#



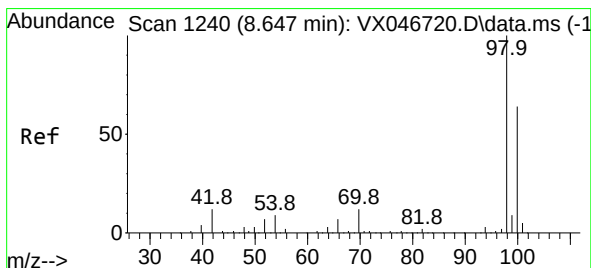
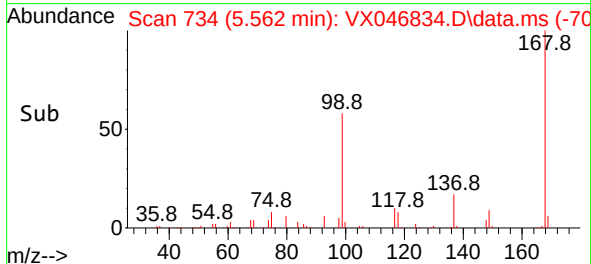
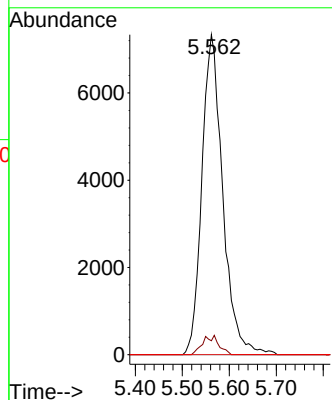


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
SW-1

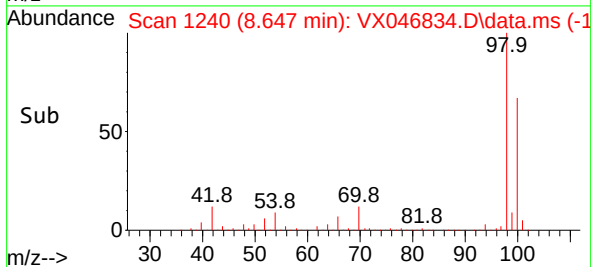
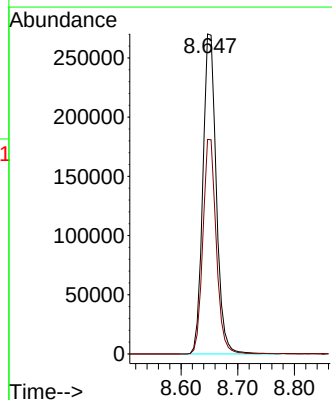
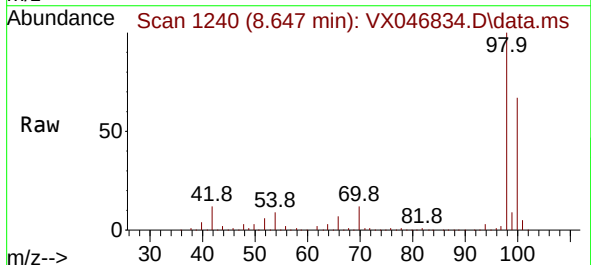


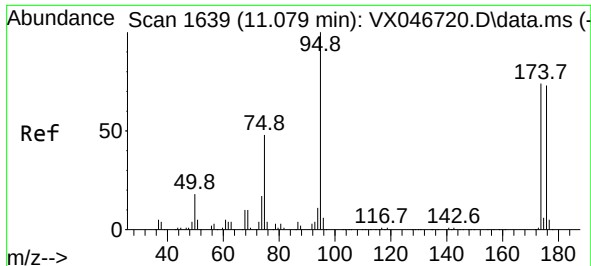
Tgt Ion:117 Resp: 22593
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Tgt Ion: 98 Resp: 445384
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

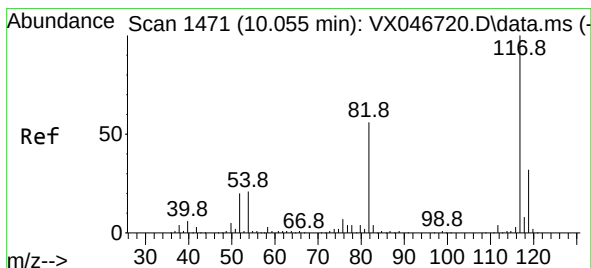
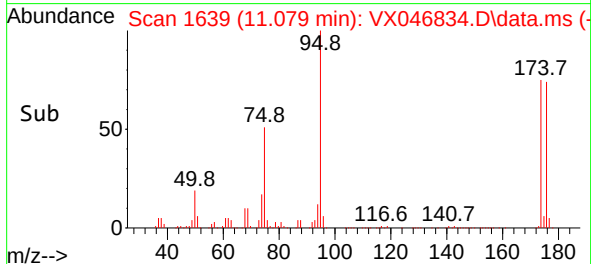
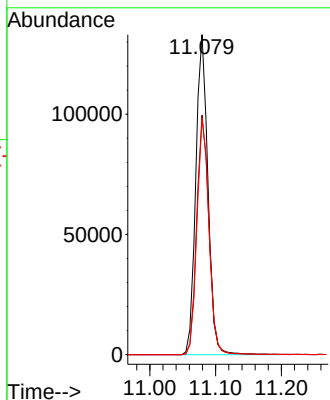
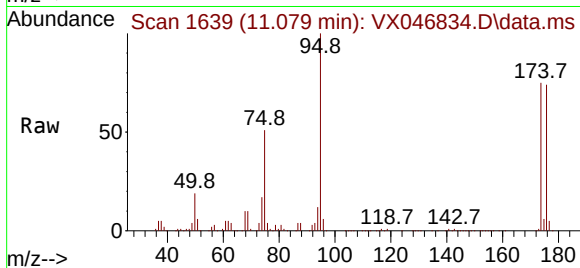




#62
4-Bromofluorobenzene
Concen: 51.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

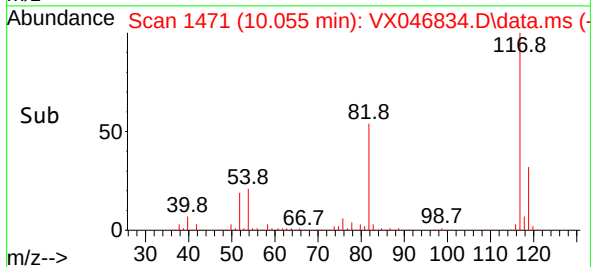
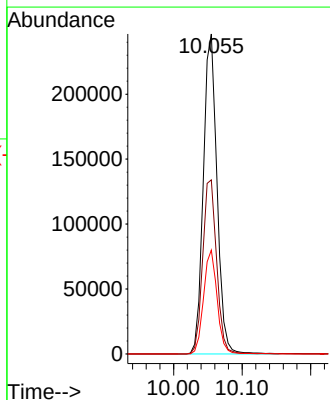
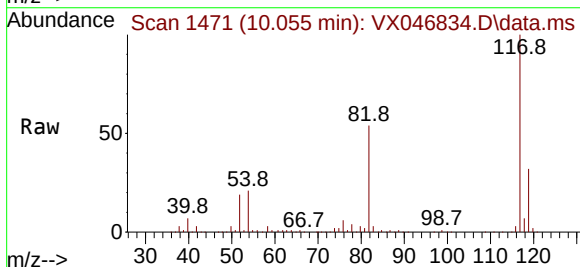
Instrument :
MSVOA_X
ClientSampleId :
SW-1

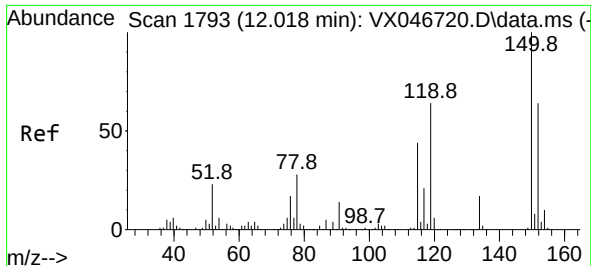
Tgt Ion: 95 Resp: 169901
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 73.4 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046834.D
Acq: 30 Jun 2025 11:30

Tgt Ion: 117 Resp: 342047
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 32.4 25.8 38.8

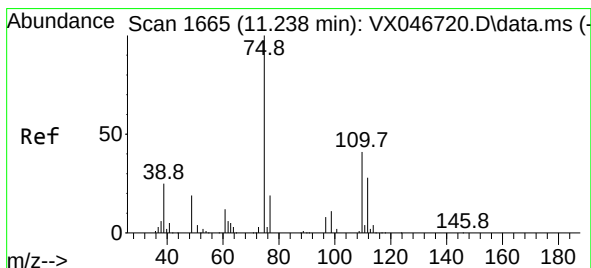
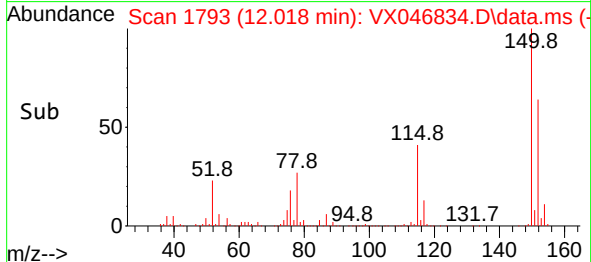
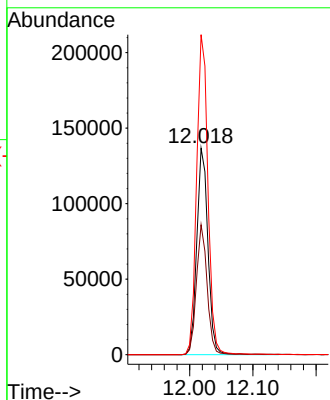
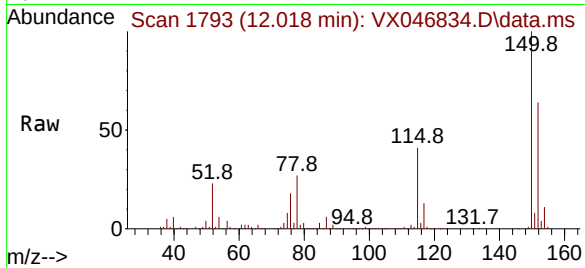




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046834.D
 Acq: 30 Jun 2025 11:30

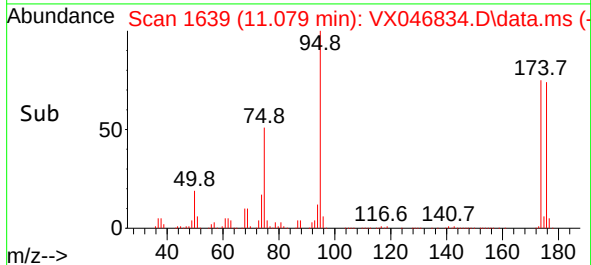
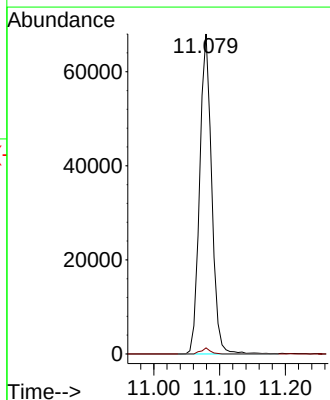
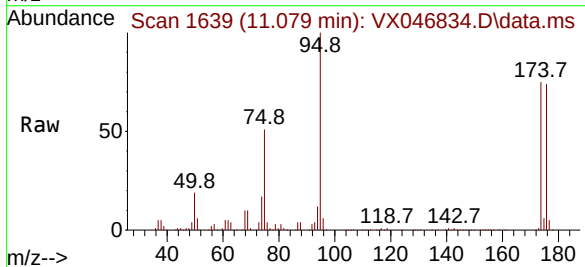
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

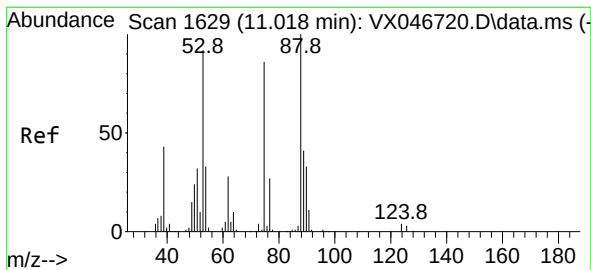
Tgt Ion:152 Resp: 168223
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.2 129.6
 150 156.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.977 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046834.D
 Acq: 30 Jun 2025 11:30

Tgt Ion: 75 Resp: 86198
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.079 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX046834.D
 Acq: 30 Jun 2025 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Tgt Ion: 75 Resp: 86198
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

