

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046294.D
 Acq On : 21 May 2025 13:56
 Operator : JC/MD
 Sample : Q2082-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250515

Quant Time: May 22 01:49:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

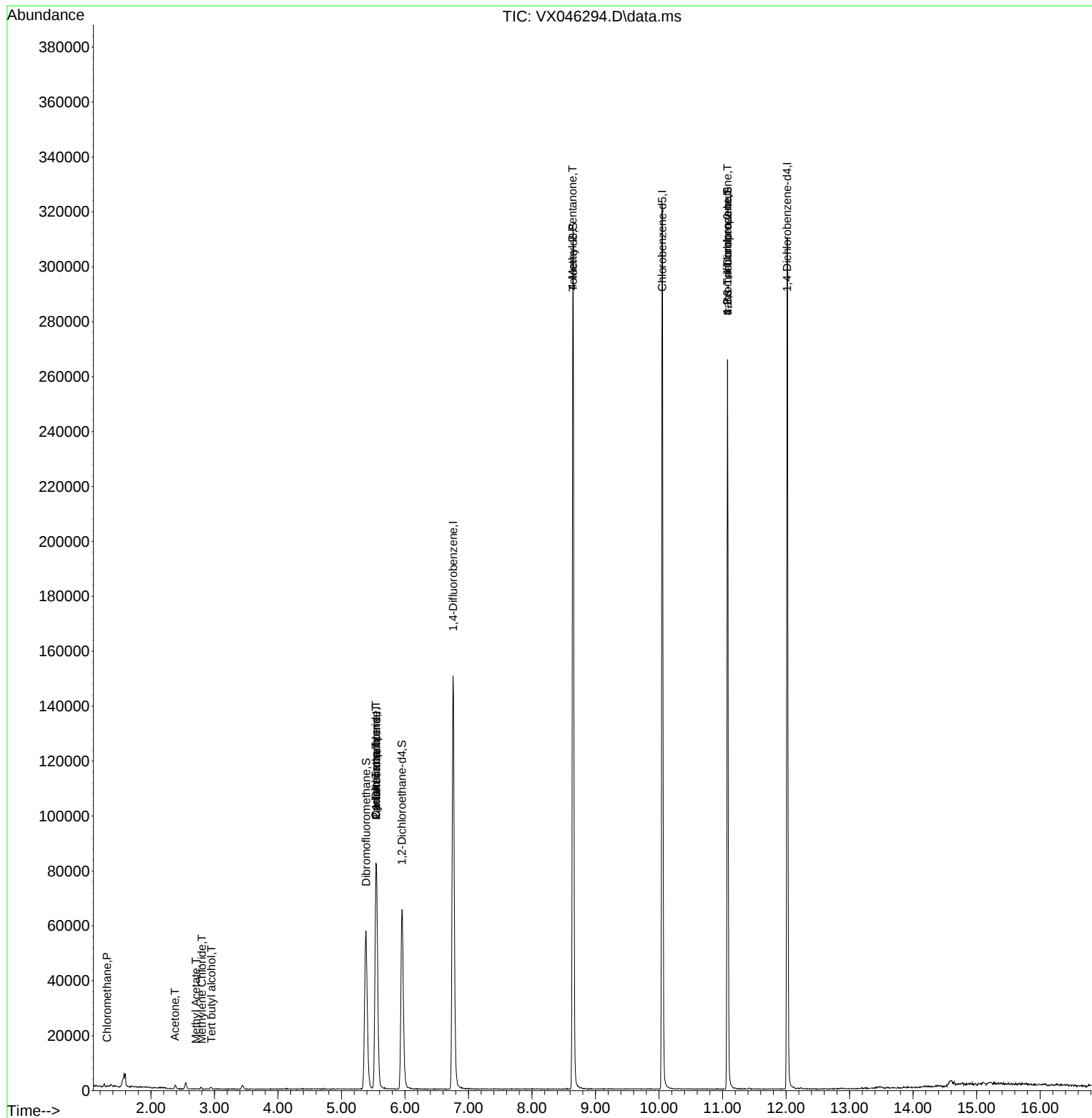
Internal Standards						
1) Pentafluorobenzene	5.550	168	71541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68716	51.521	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	5.385	113	50304	50.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	8.647	98	176587	50.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.079	95	69889	52.338	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	387	0.364	ug/l #	43
11) Tert butyl alcohol	2.953	59	290	1.549	ug/l #	72
16) Acetone	2.379	43	1642	3.070	ug/l #	80
18) Methyl Acetate	2.709	43	348	0.280	ug/l #	55
20) Methylene Chloride	2.800	84	279	0.272	ug/l #	35
31) Cyclohexane	5.544	56	2049	1.289	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	7193	5.323	ug/l #	46
38) Carbon Tetrachloride	5.544	117	8185	5.390	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1043	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39098	26.964	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39098	87.785	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046294.D
Acq On : 21 May 2025 13:56
Operator : JC/MD
Sample : Q2082-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

Quant Time: May 22 01:49:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

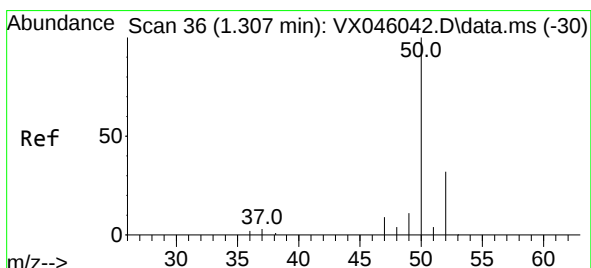
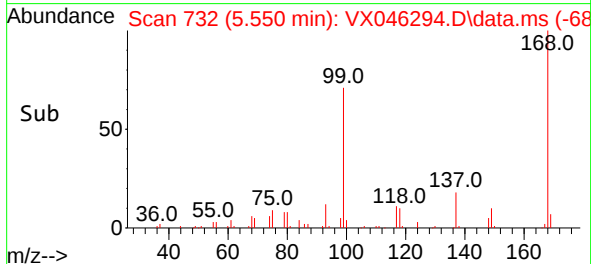
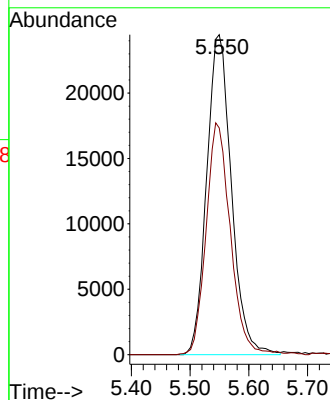
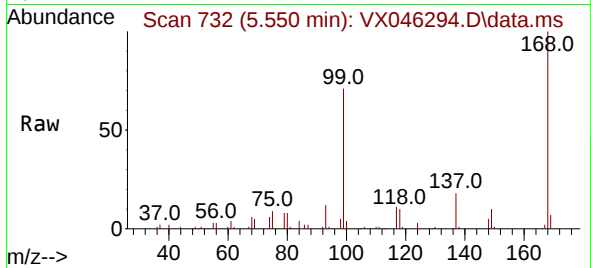




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

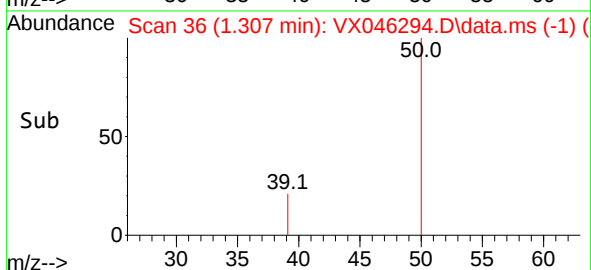
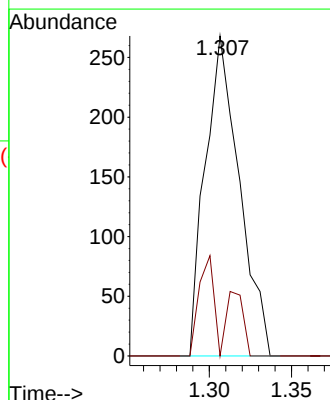
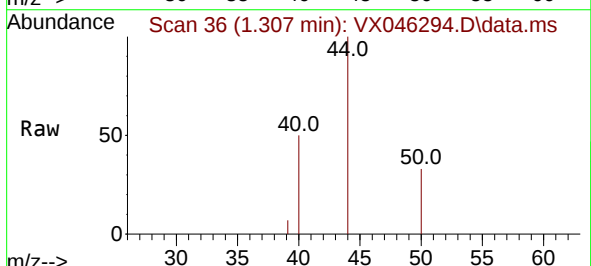
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

Tgt Ion:168 Resp: 71541
Ion Ratio Lower Upper
168 100
99 70.6 54.9 82.3



#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.549 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.025 min

Lab File: VX046294.D

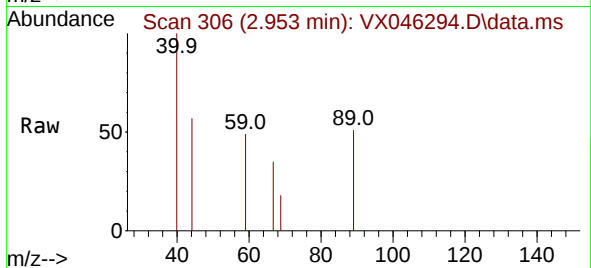
Acq: 21 May 2025 13:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-TB-20250515

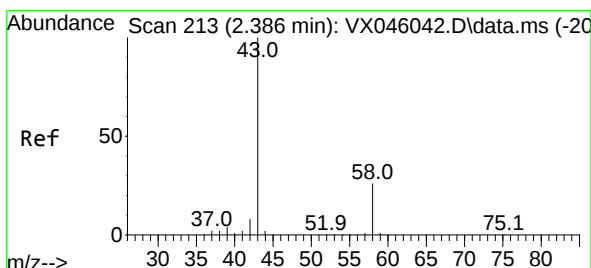
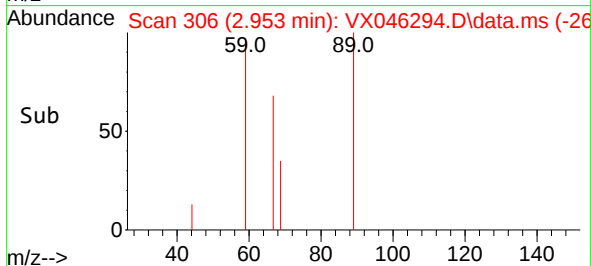
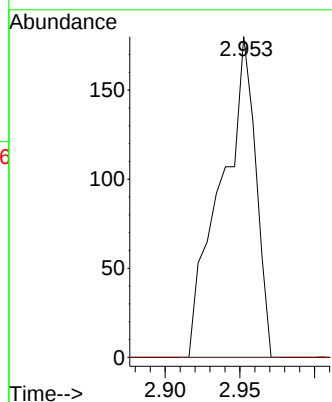


Tgt Ion: 59 Resp: 290

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 3.070 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046294.D

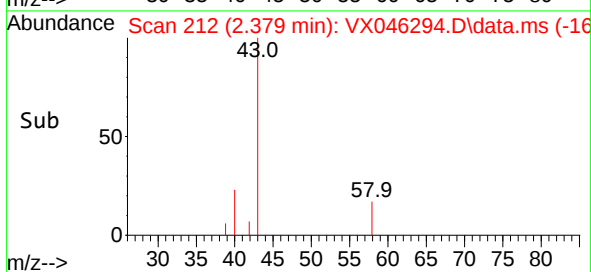
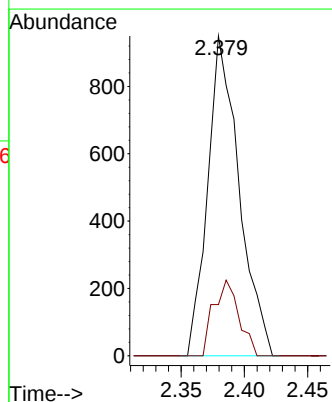
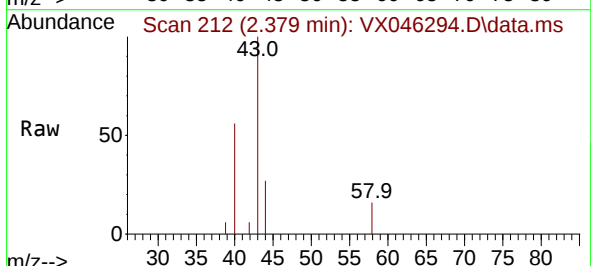
Acq: 21 May 2025 13:56

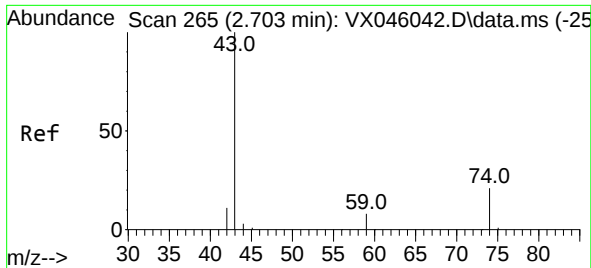
Tgt Ion: 43 Resp: 1642

Ion Ratio Lower Upper

43 100

58 16.0 21.2 31.8#

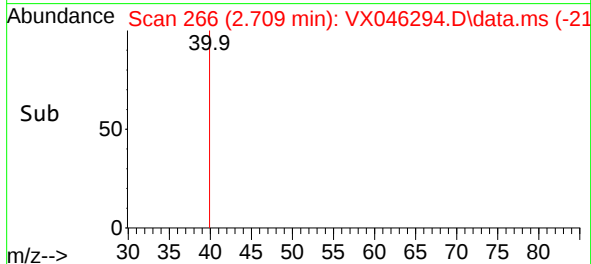
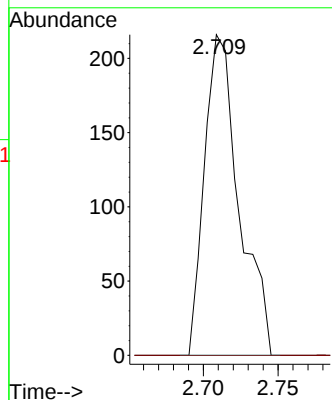
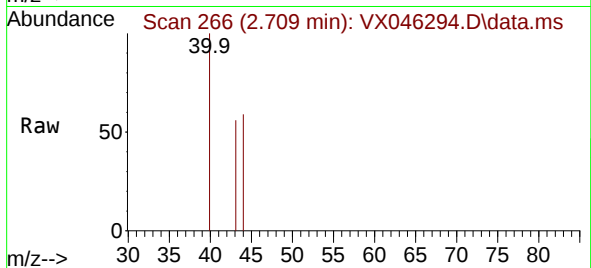




#18
Methyl Acetate
Concen: 0.280 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

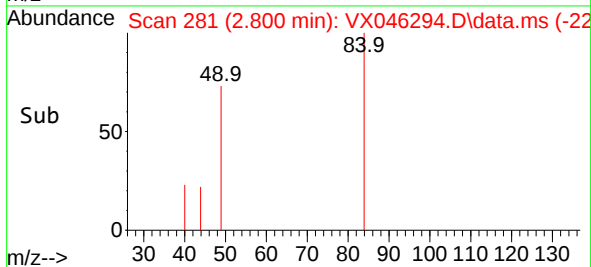
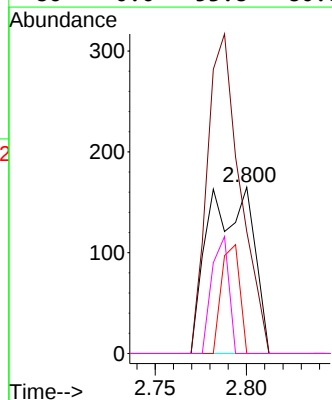
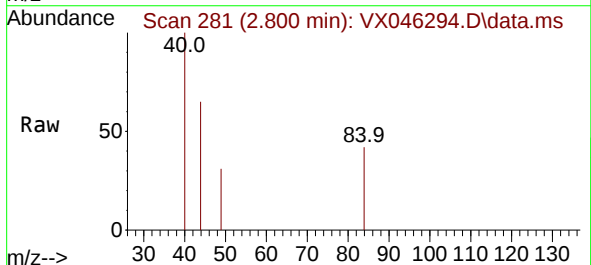
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

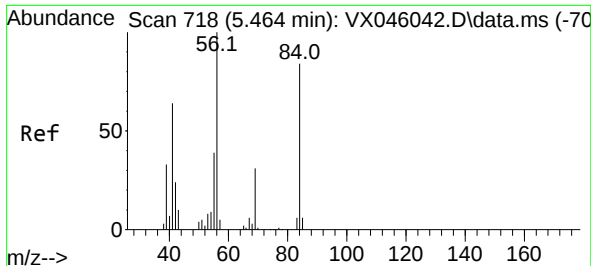
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.018 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

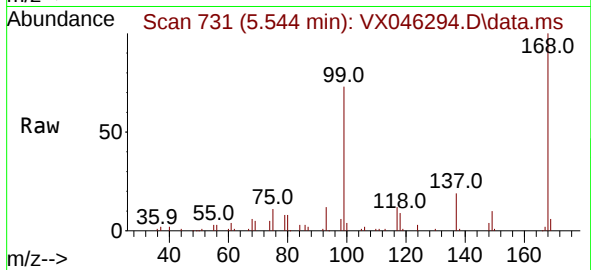
Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 73.3 113.9 170.9#
51 0.0 33.5 50.3#
86 0.0 53.8 80.8#



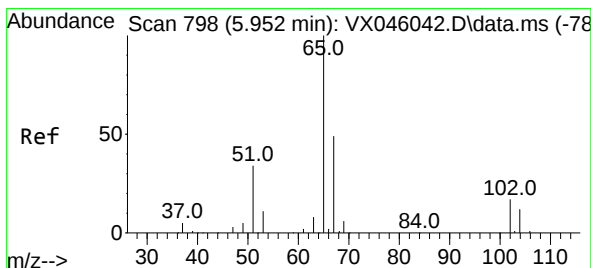
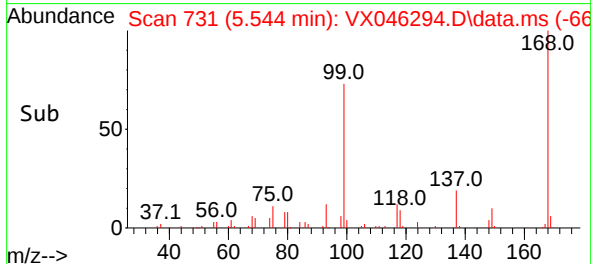
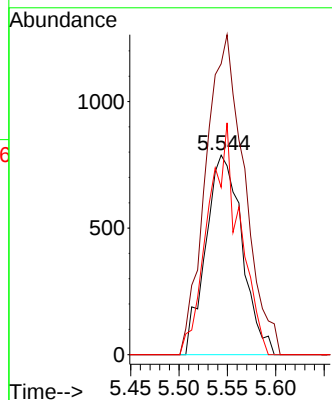


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

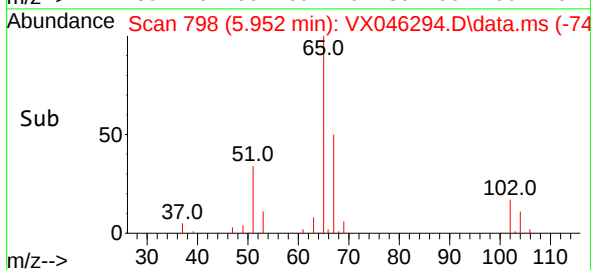
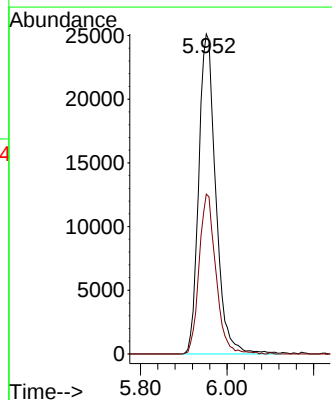
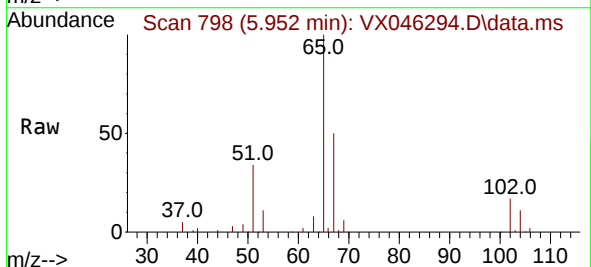


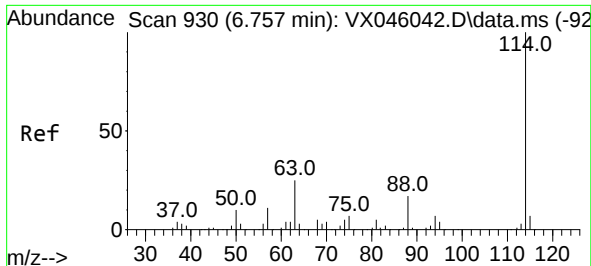
Tgt Ion: 56 Resp: 2049
Ion Ratio Lower Upper
56 100
69 145.8 24.4 36.6#
84 83.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.521 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion: 65 Resp: 68716
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

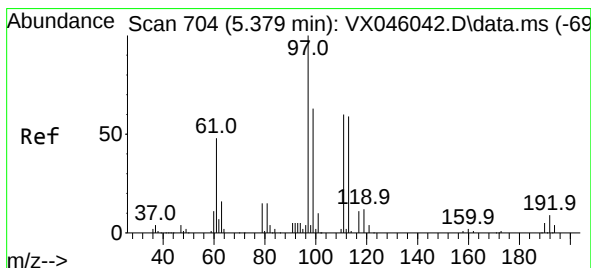
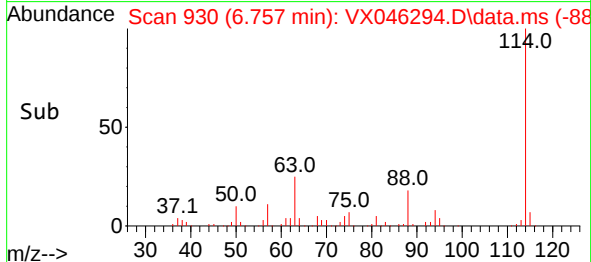
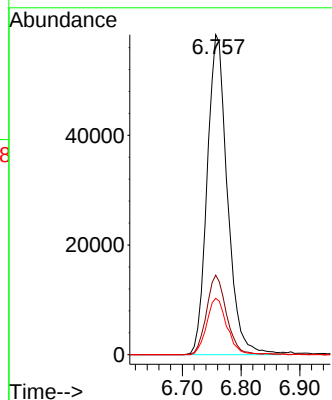
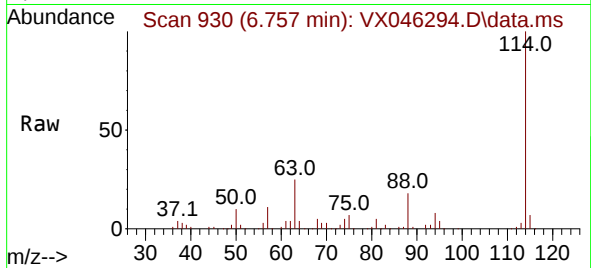




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

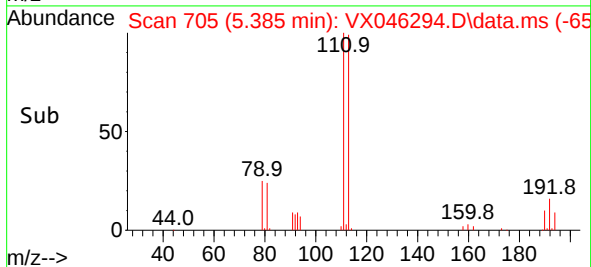
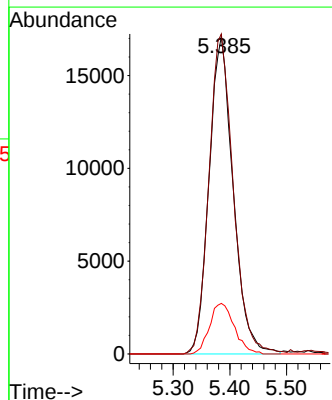
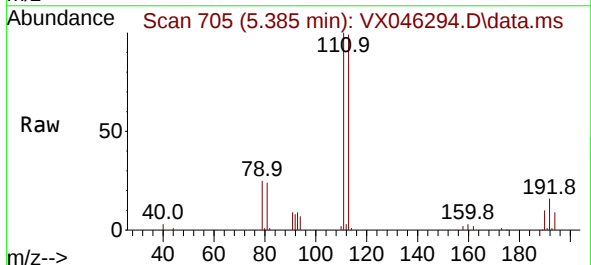
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

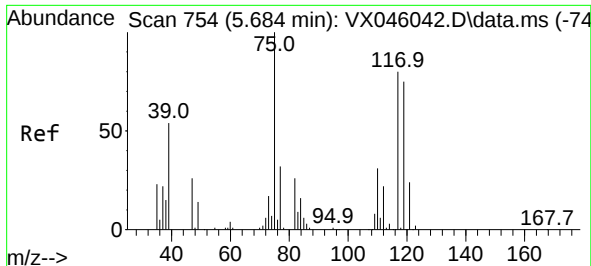
Tgt Ion:114 Resp: 139675
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.014 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion:113 Resp: 50304
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.5 13.3 19.9

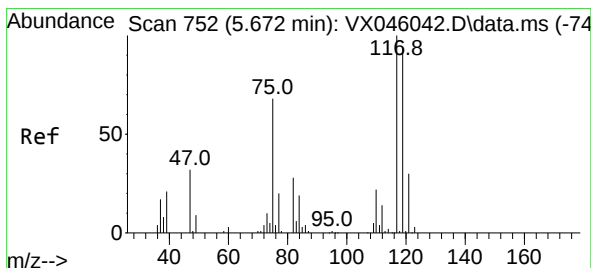
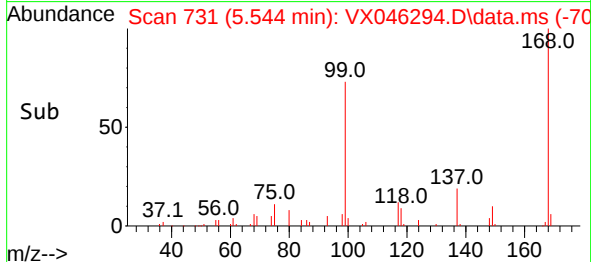
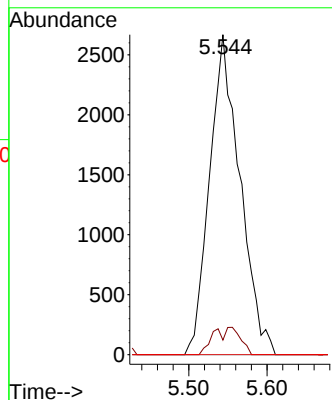
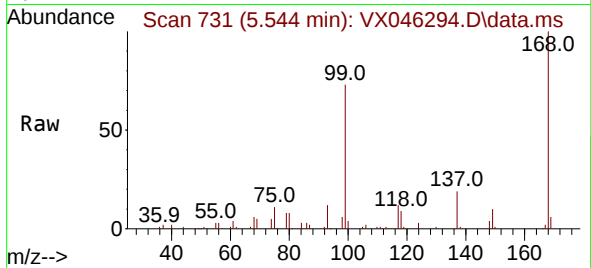




#36
1,1-Dichloropropene
Concen: 5.323 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

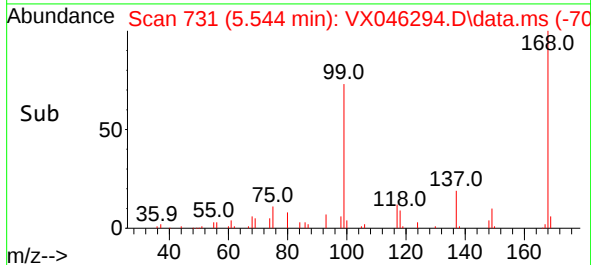
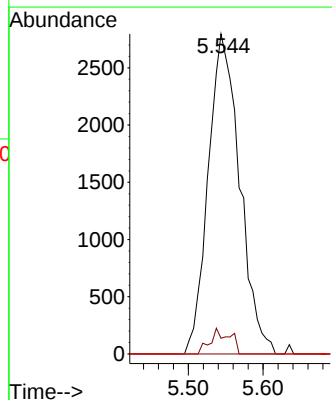
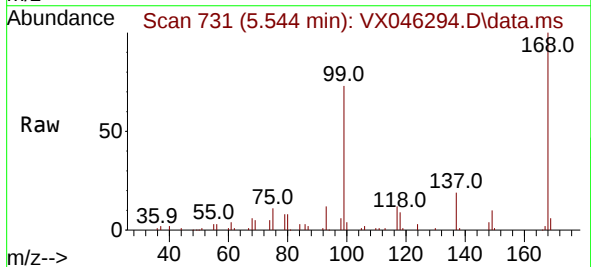
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

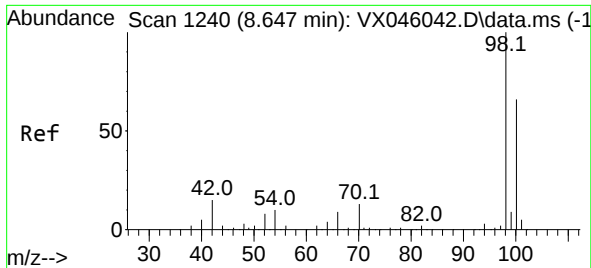
Tgt Ion: 75 Resp: 7193
Ion Ratio Lower Upper
75 100
110 3.4 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion: 117 Resp: 8185
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.2 36.4#

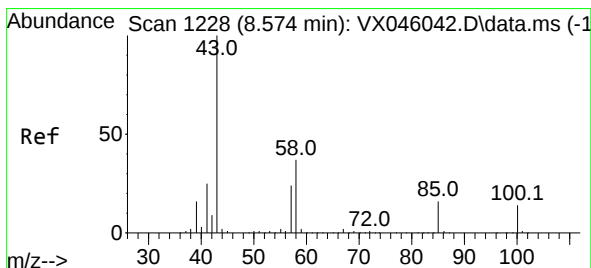
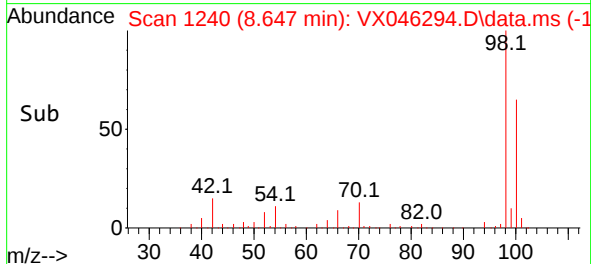
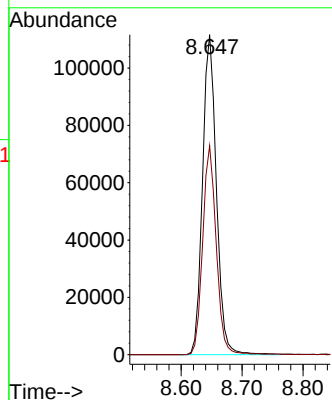
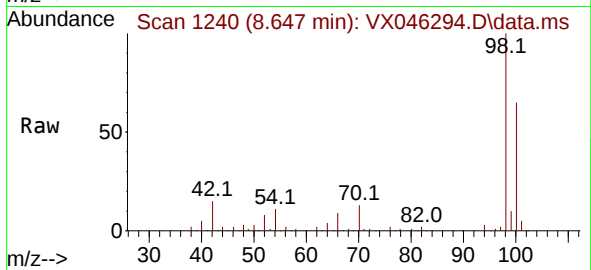




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

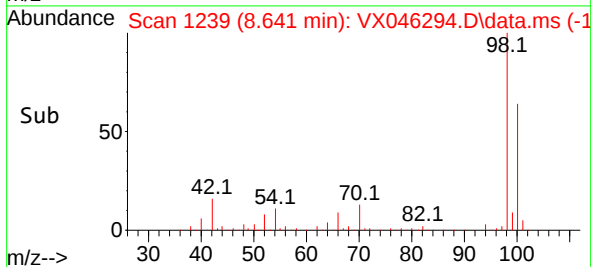
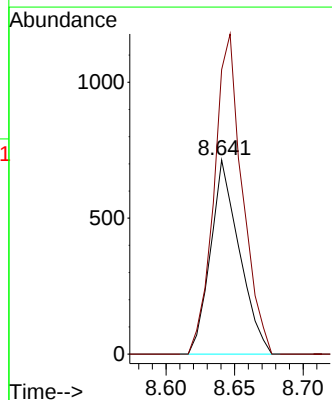
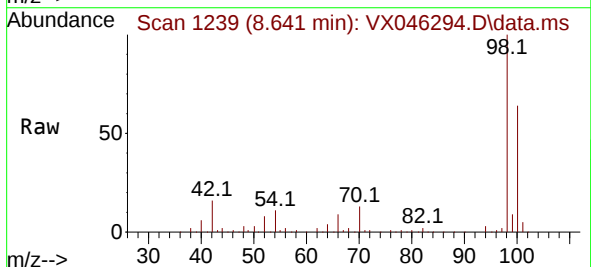
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

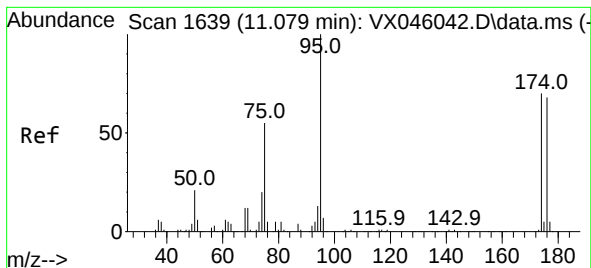
Tgt Ion: 98 Resp: 176587
Ion Ratio Lower Upper
98 100
100 63.9 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 161.8 28.9 43.3#

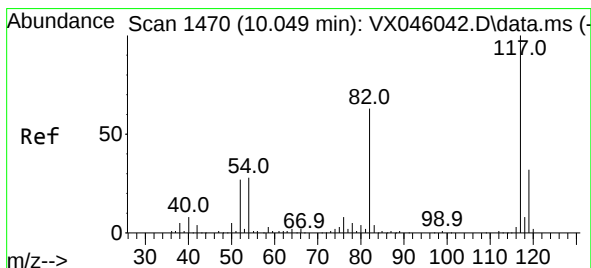
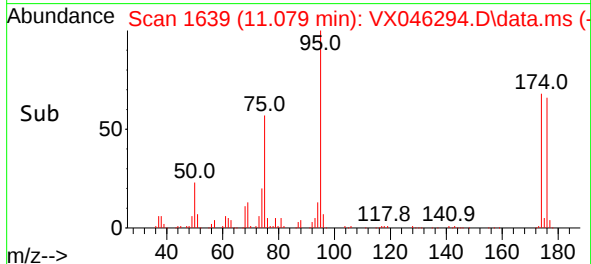
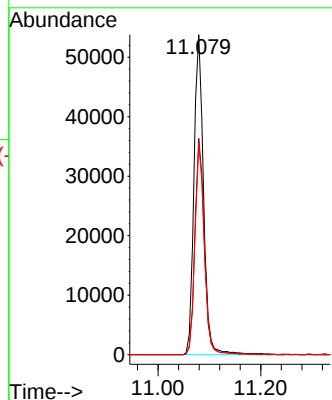
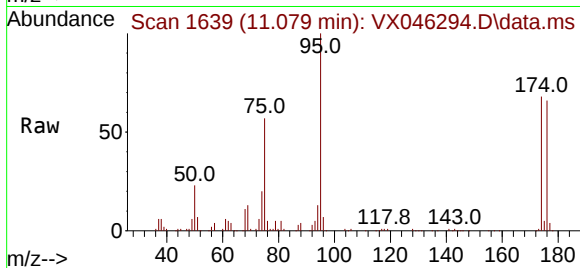




#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

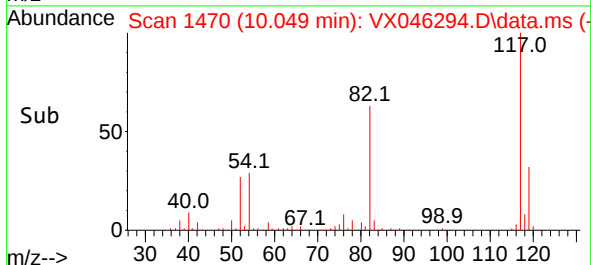
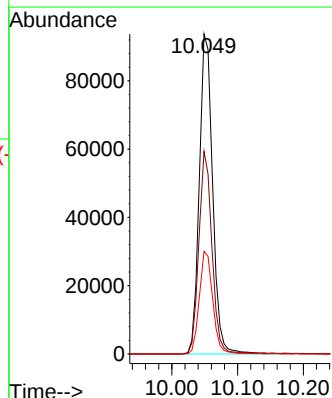
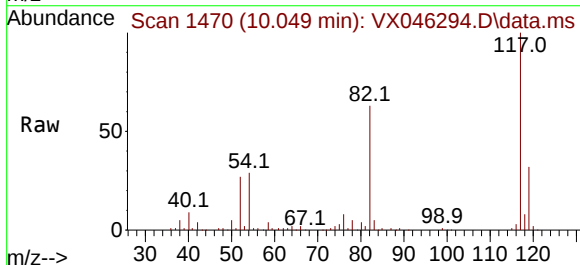
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250515

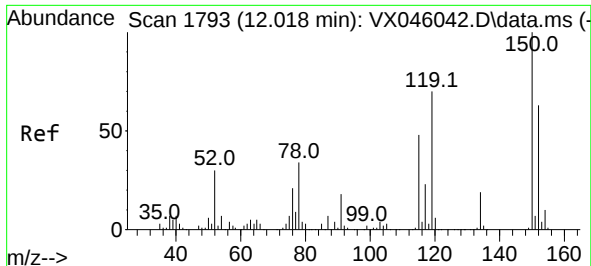
Tgt Ion: 95 Resp: 69889
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046294.D
Acq: 21 May 2025 13:56

Tgt Ion: 117 Resp: 131819
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.1 25.8 38.6

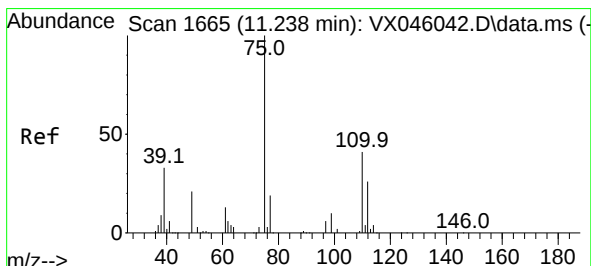
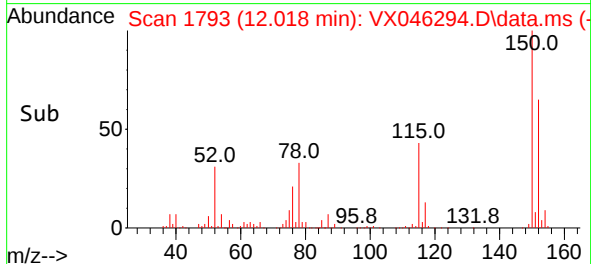
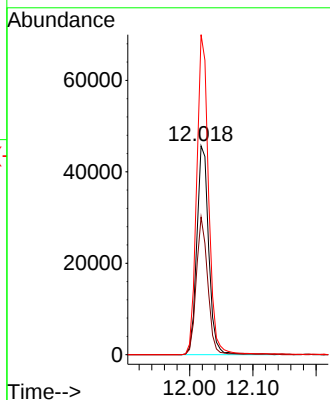
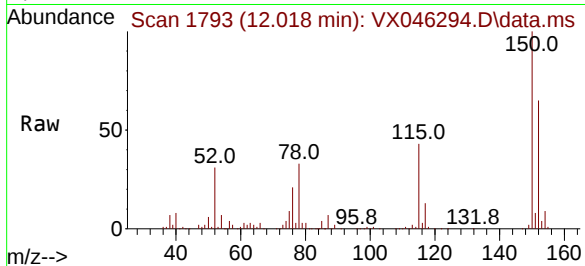




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046294.D
 Acq: 21 May 2025 13:56

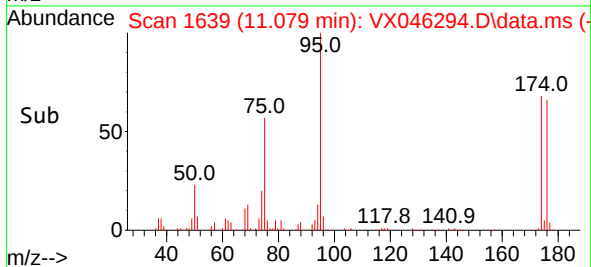
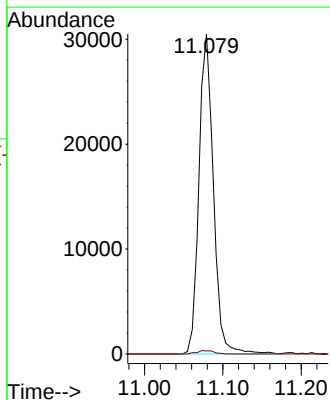
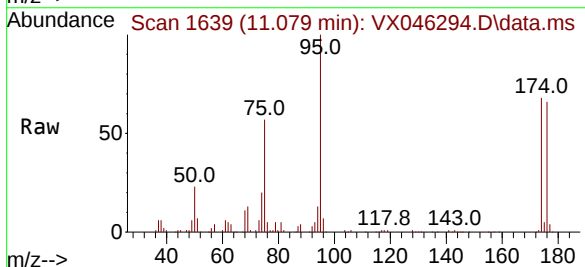
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250515

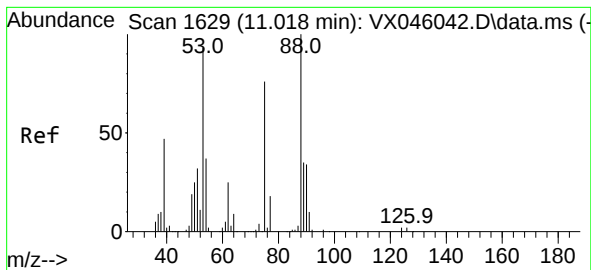
Tgt Ion:152 Resp: 60241
 Ion Ratio Lower Upper
 152 100
 115 62.8 46.9 140.7
 150 152.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 26.964 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046294.D
 Acq: 21 May 2025 13:56

Tgt Ion: 75 Resp: 39098
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.785 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX046294.D
 Acq: 21 May 2025 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250515

Tgt Ion: 75 Resp: 39098
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

