

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046421.D
 Acq On : 30 May 2025 15:02
 Operator : JC/MD
 Sample : Q2162-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250527

Quant Time: May 31 05:17:19 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)

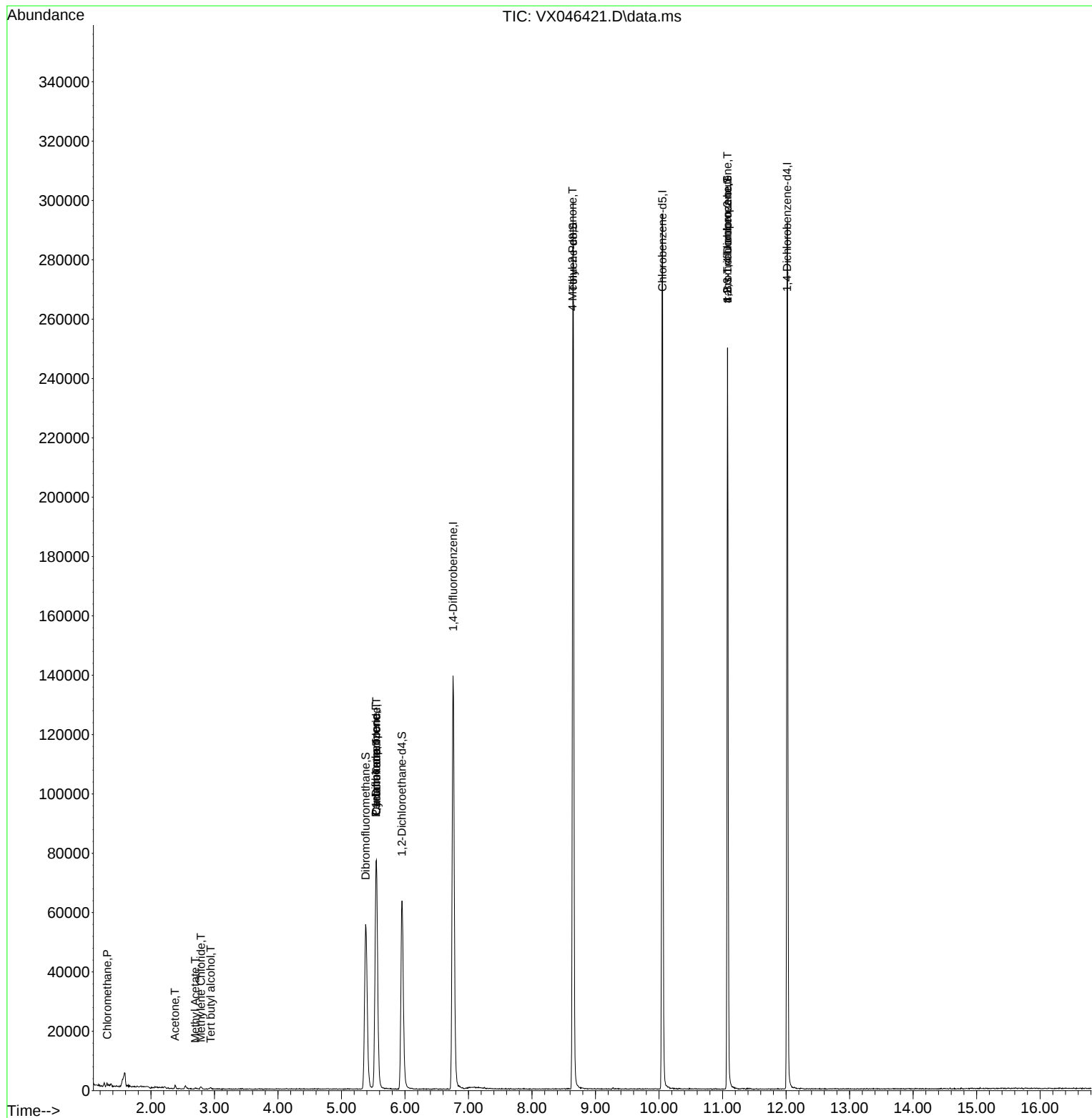
Internal Standards						
1) Pentafluorobenzene	5.543	168	65791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66788	54.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.900%	
35) Dibromofluoromethane	5.379	113	48257	51.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	8.646	98	164436	50.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	64433	51.422	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.312	50	938	0.961	ug/l	91
11) Tert butyl alcohol	2.940	59	86	0.500	ug/l #	72
16) Acetone	2.379	43	1039	2.113	ug/l	97
18) Methyl Acetate	2.696	43	515	0.451	ug/l #	55
20) Methylene Chloride	2.788	84	337	0.358	ug/l #	92
31) Cyclohexane	5.549	56	1957	1.339	ug/l #	30
36) 1,1-Dichloropropene	5.543	75	6492	5.120	ug/l #	51
38) Carbon Tetrachloride	5.549	117	8071	5.665	ug/l #	16
51) 4-Methyl-2-Pentanone	8.640	43	1042	0.657	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37254	28.628	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37254	93.203	ug/l #	1

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

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Time: May 31 05:17:19 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

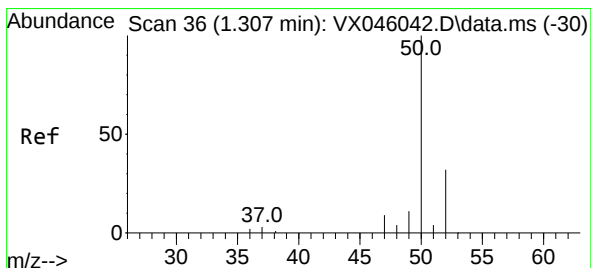
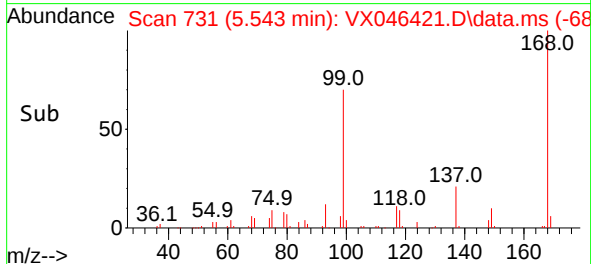
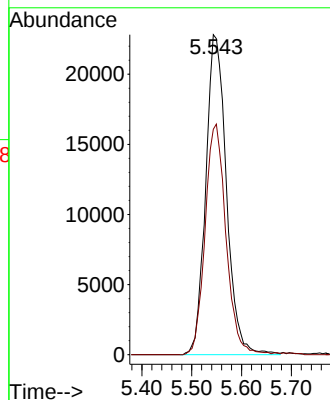
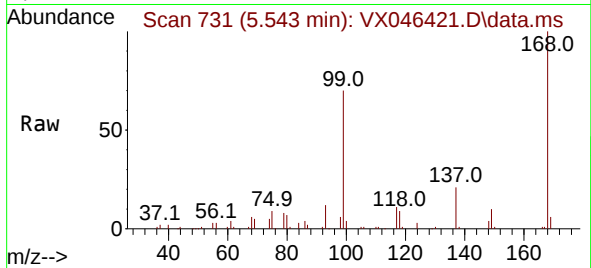




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

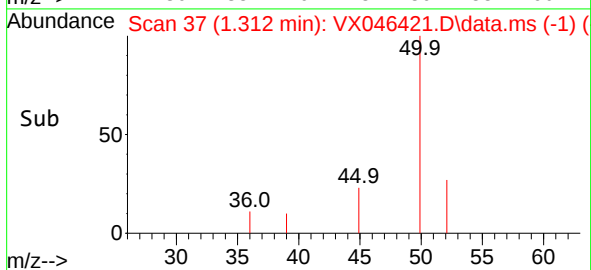
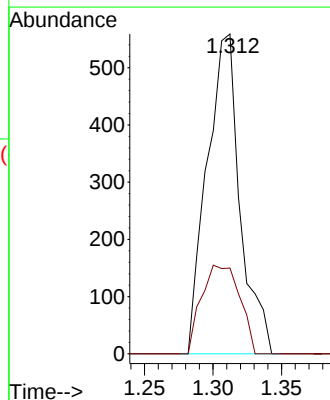
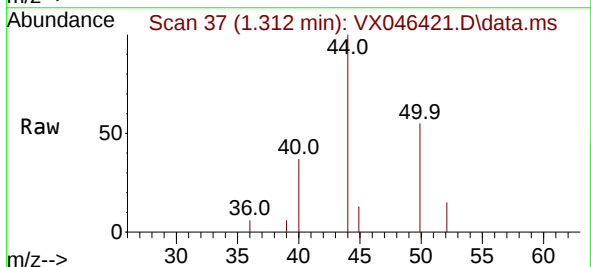
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion:168 Resp: 65791
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#3
Chloromethane
Concen: 0.961 ug/l
RT: 1.312 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 50 Resp: 938
Ion Ratio Lower Upper
50 100
52 26.8 25.4 38.2

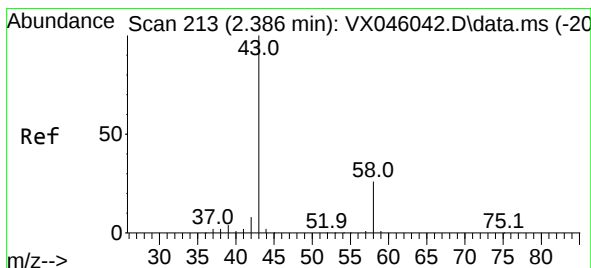
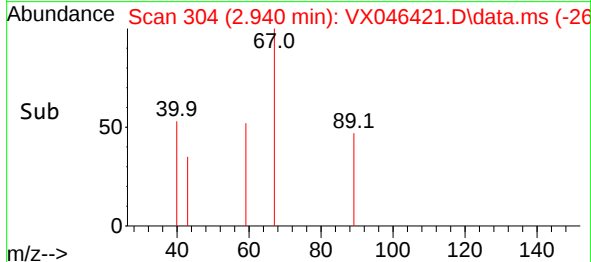
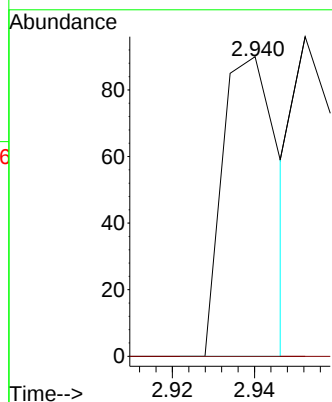
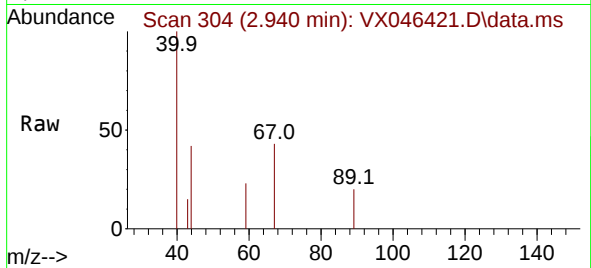




#11
Tert butyl alcohol
Concen: 0.500 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

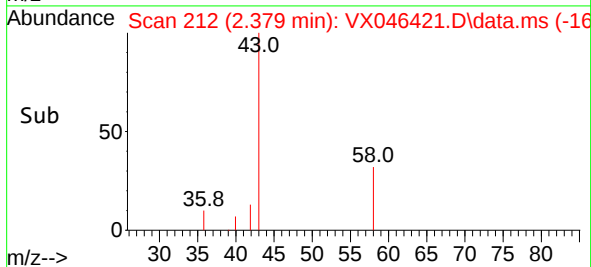
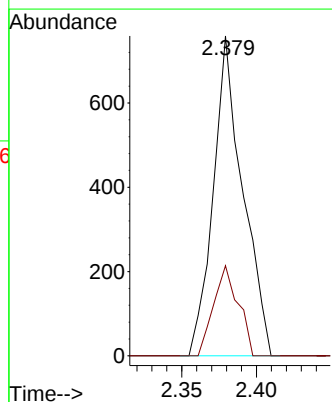
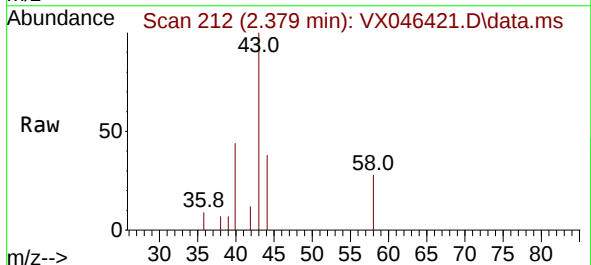
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ClientSampleId :
BP-VPB-182-TB-20250527

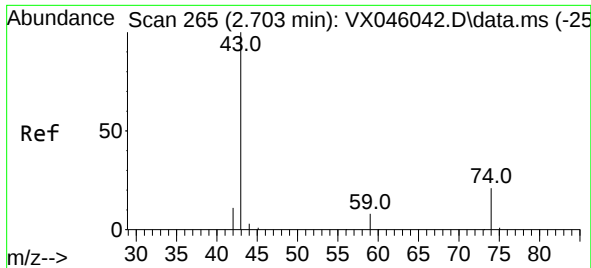
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.113 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 28.2 21.2 31.8

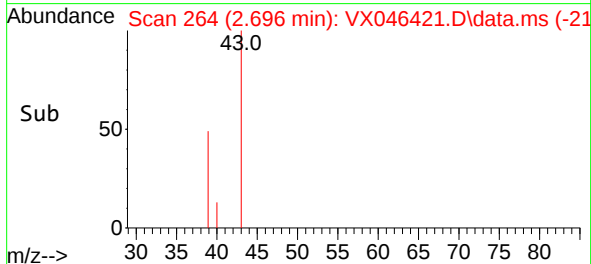
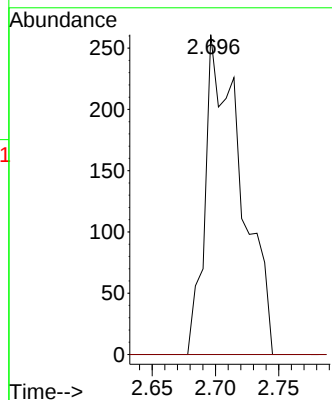
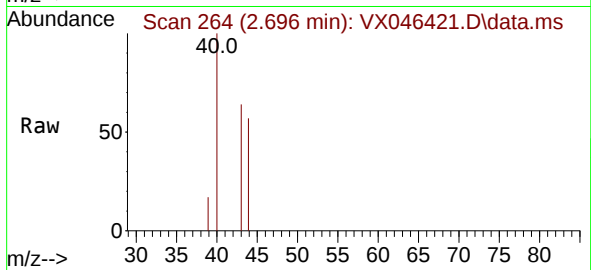




#18
Methyl Acetate
Concen: 0.451 ug/l
RT: 2.696 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

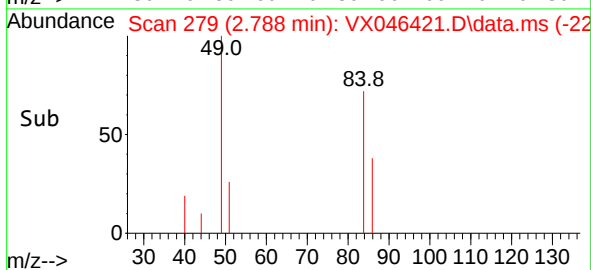
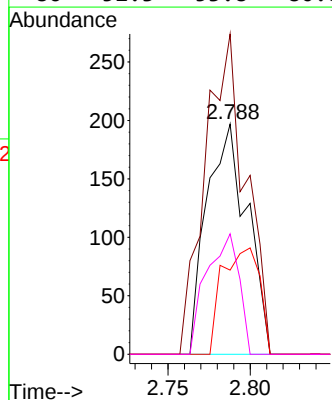
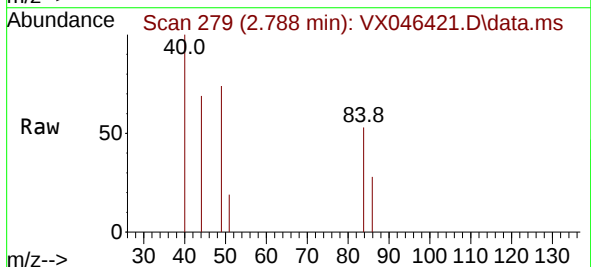
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

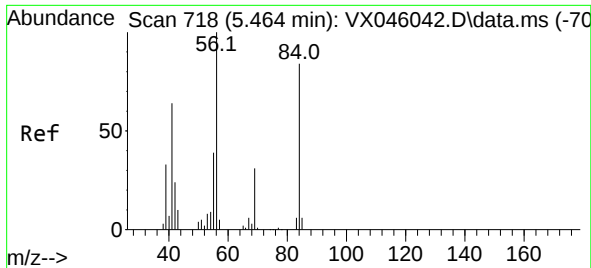
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

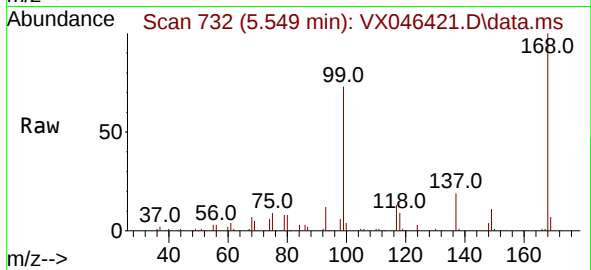
Tgt Ion: 84 Resp: 337
Ion Ratio Lower Upper
84 100
49 139.1 113.9 170.9
51 36.5 33.5 50.3
86 52.3 53.8 80.8#



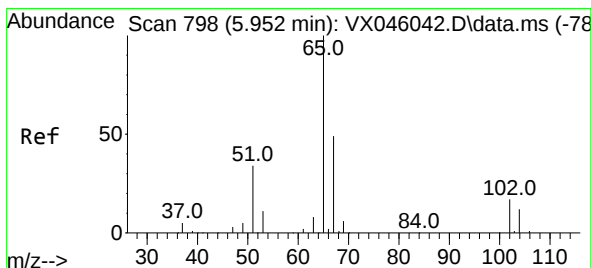
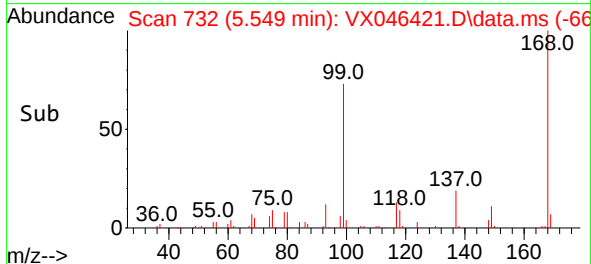
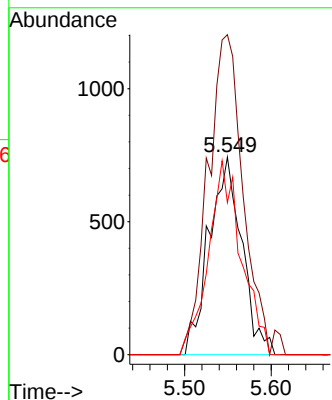


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

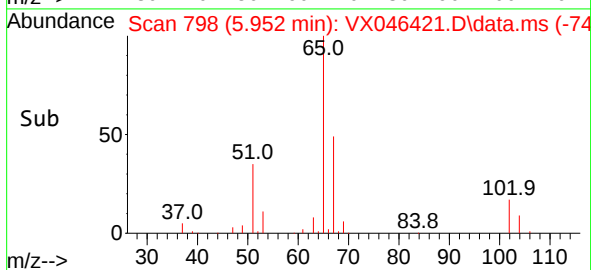
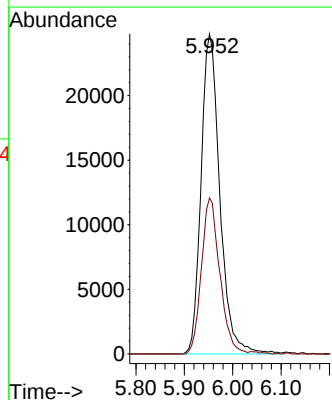
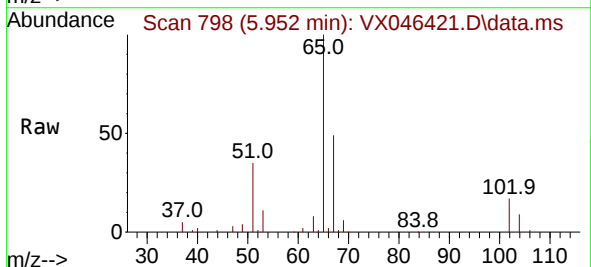


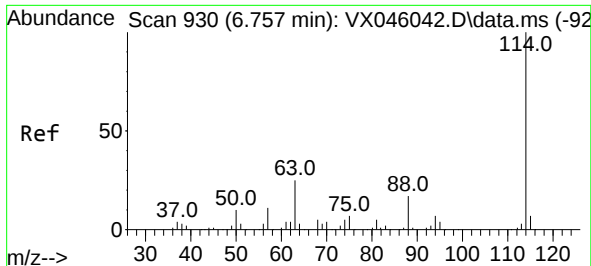
Tgt Ion: 56 Resp: 1957
Ion Ratio Lower Upper
56 100
69 161.9 24.4 36.6#
84 77.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.452 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 65 Resp: 66788
Ion Ratio Lower Upper
65 100
67 47.6 0.0 99.0

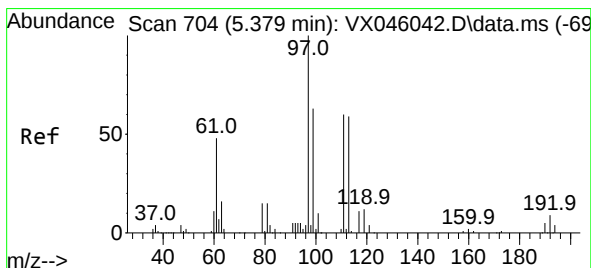
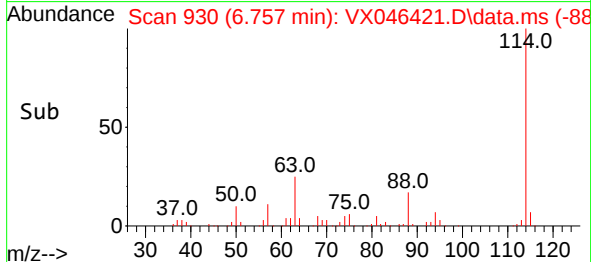
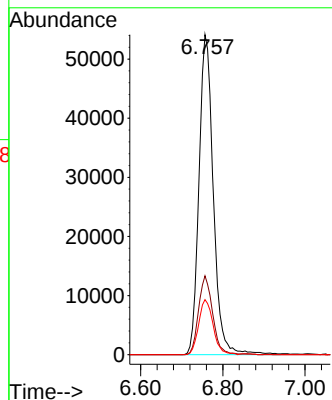
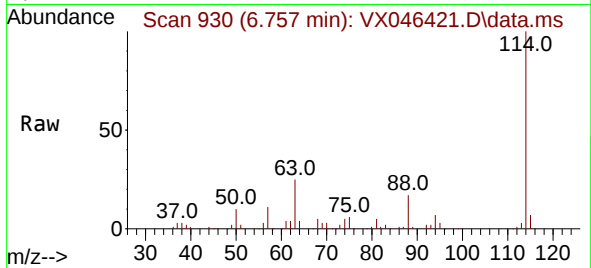




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

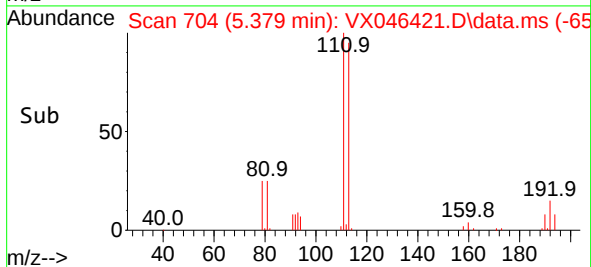
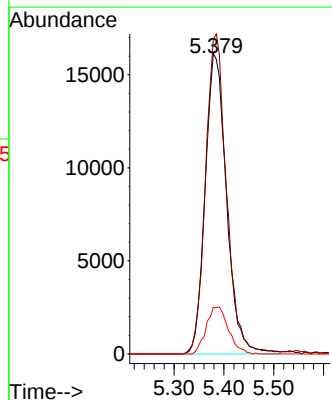
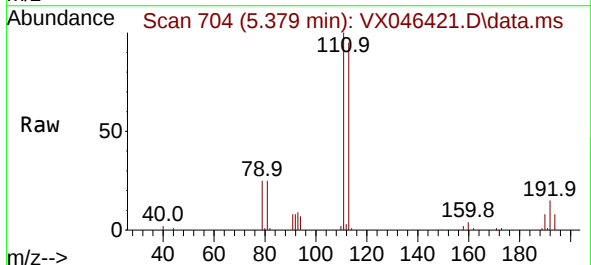
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ClientSampleId :
BP-VPB-182-TB-20250527

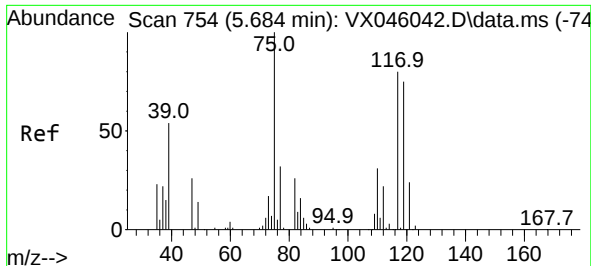
Tgt Ion:114 Resp: 131064
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion:113 Resp: 48257
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.2 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.120 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX046421.D

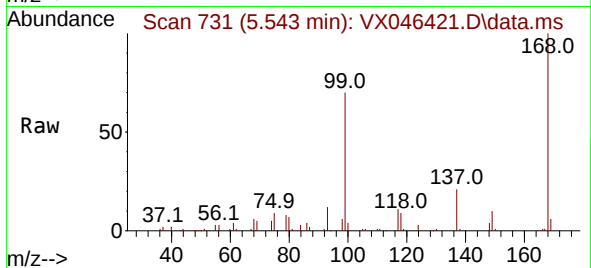
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-TB-20250527



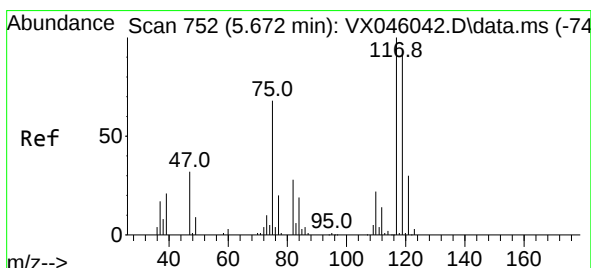
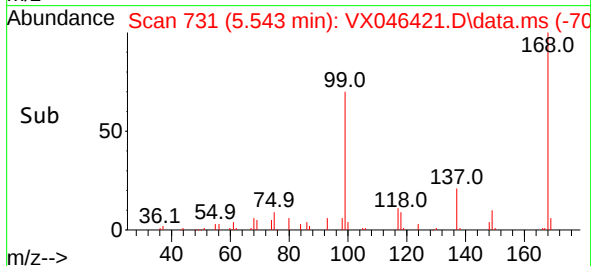
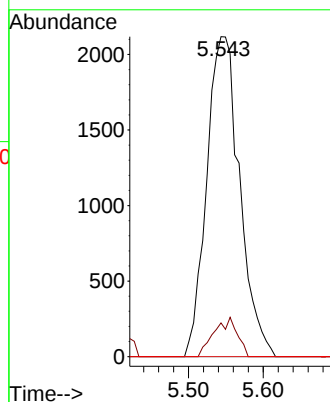
Tgt Ion: 75 Resp: 6492

Ion Ratio Lower Upper

75 100

110 8.7 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.665 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX046421.D

Acq: 30 May 2025 15:02

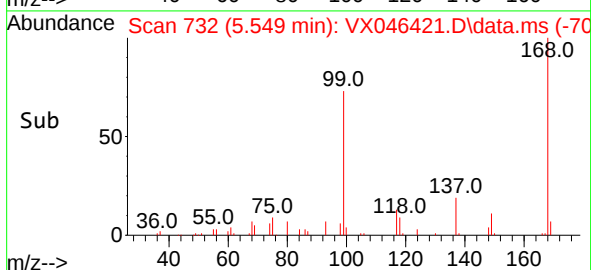
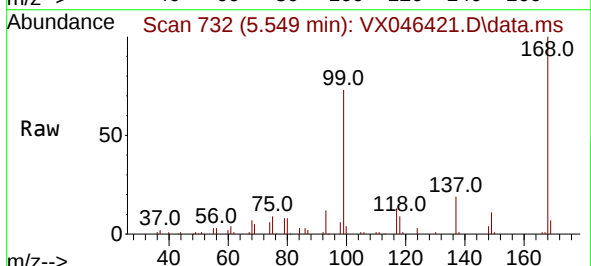
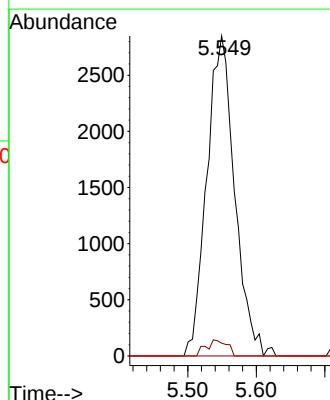
Tgt Ion: 117 Resp: 8071

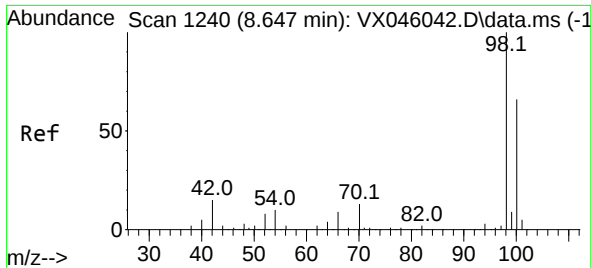
Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.2 36.4#

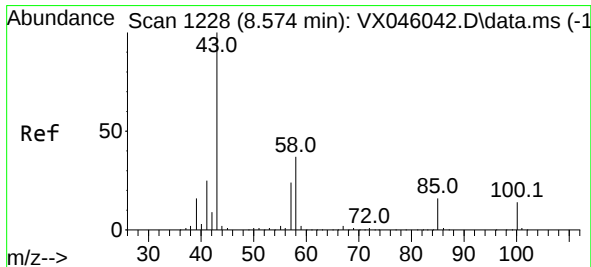
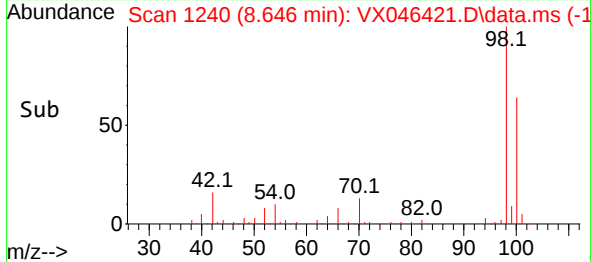
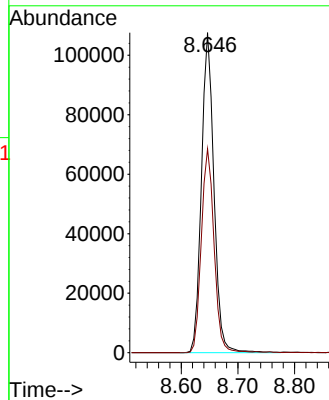
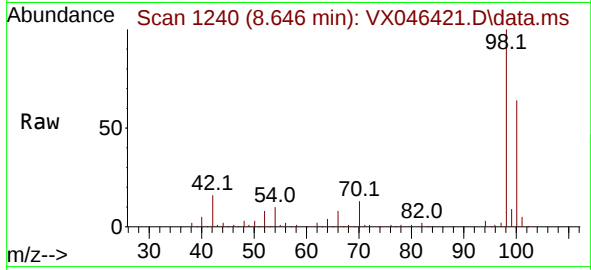




#50
Toluene-d8
Concen: 50.338 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

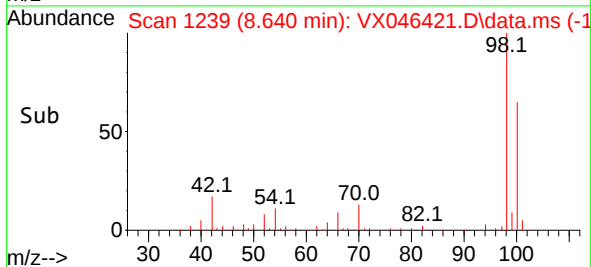
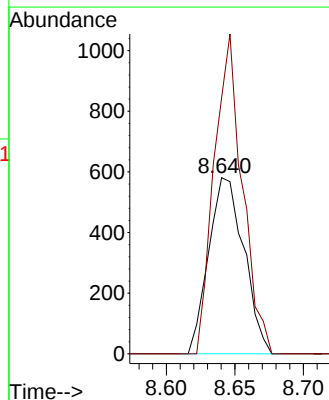
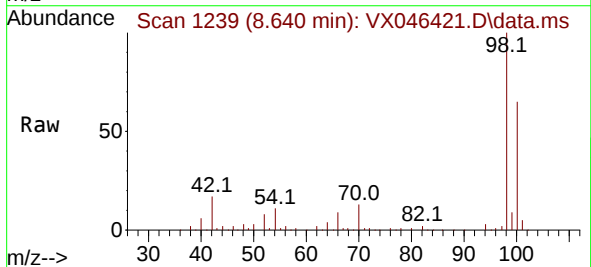
Instrument :
MSVOA_X
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BP-VPB-182-TB-20250527

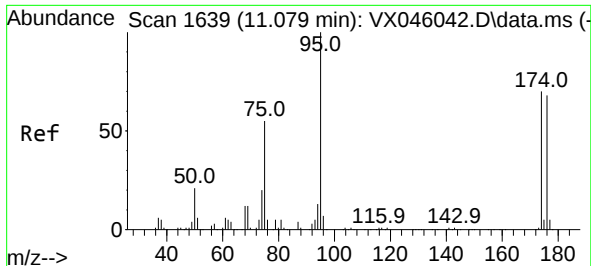
Tgt Ion: 98 Resp: 164436
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 144.9 28.9 43.3#

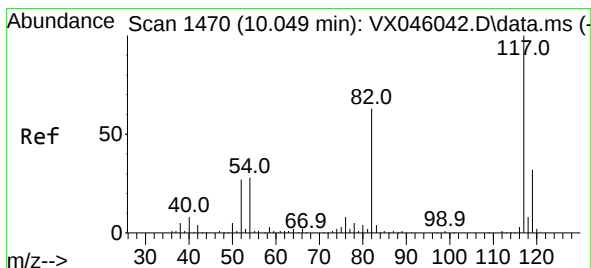
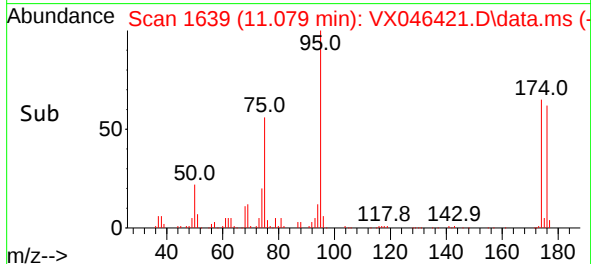
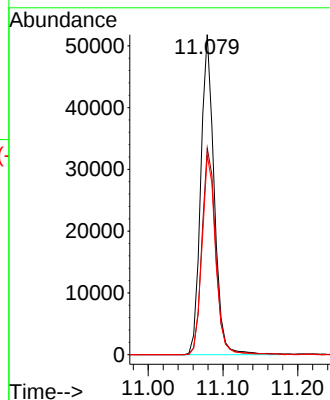
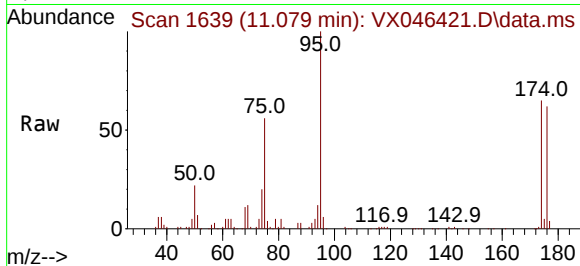




#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

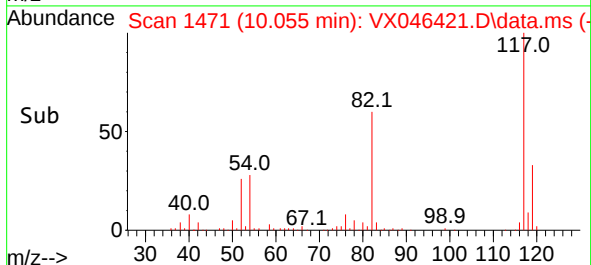
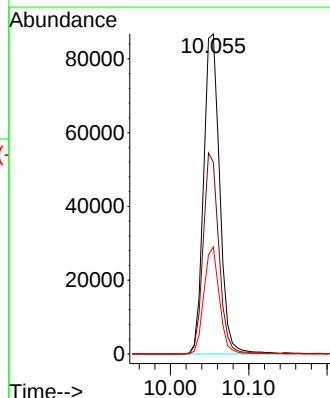
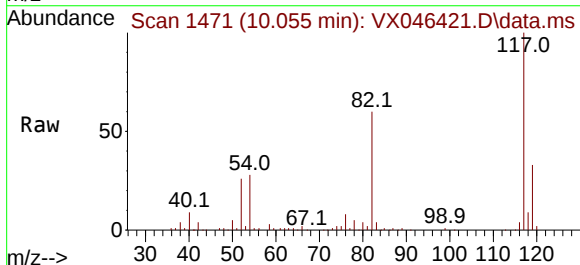
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

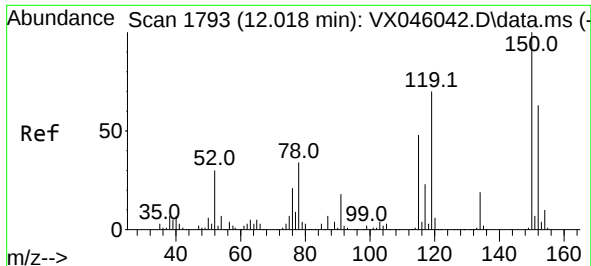
Tgt Ion: 95 Resp: 64433
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 63.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

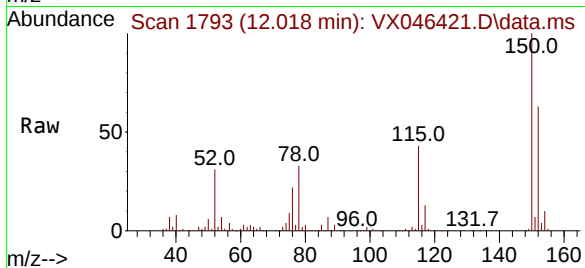
Tgt Ion: 117 Resp: 123806
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 33.4 25.8 38.6



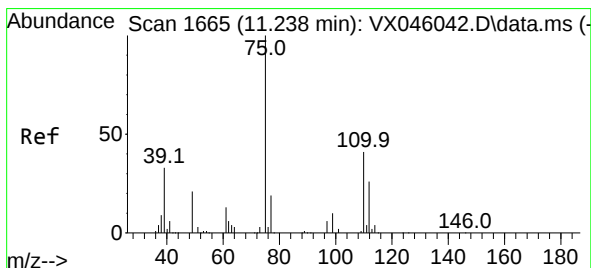
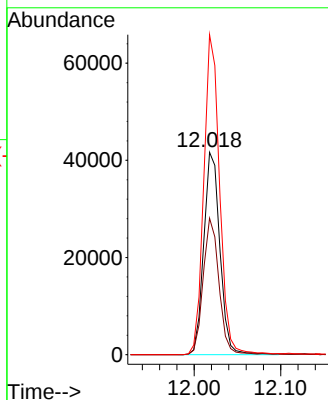
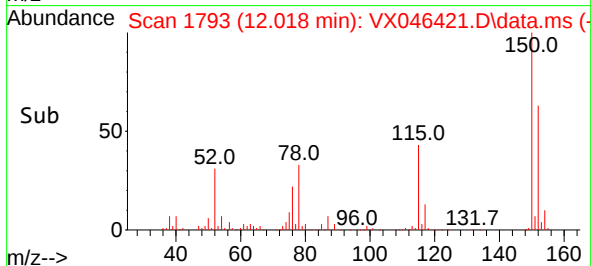


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX046421.D
 Acq: 30 May 2025 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250527

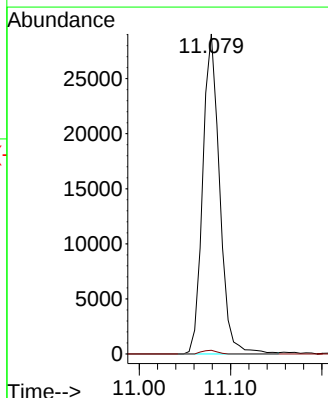
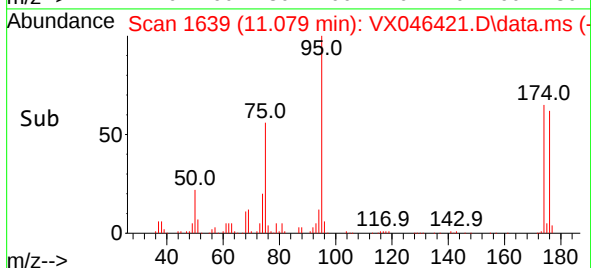
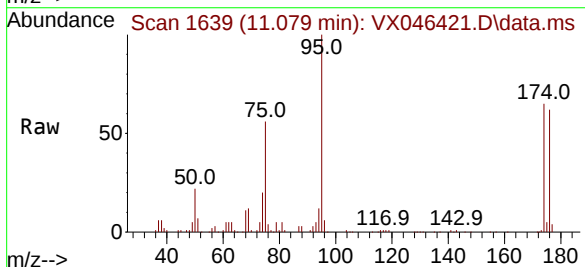


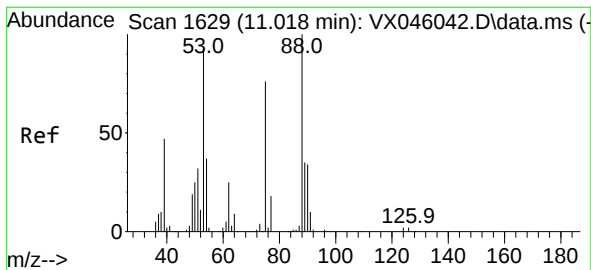
Tgt Ion:152 Resp: 54063
 Ion Ratio Lower Upper
 152 100
 115 66.2 46.9 140.7
 150 154.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.628 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046421.D
 Acq: 30 May 2025 15:02

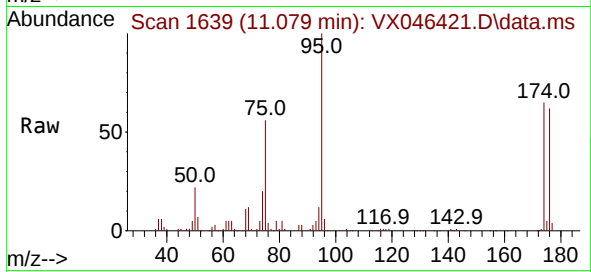
Tgt Ion: 75 Resp: 37254
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.203 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046421.D
 Acq: 30 May 2025 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250527



Tgt Ion: 75 Resp: 37254
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

