

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046427.D
 Acq On : 30 May 2025 17:23
 Operator : JC/MD
 Sample : Q2162-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250529

Quant Time: May 31 05:18:50 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)

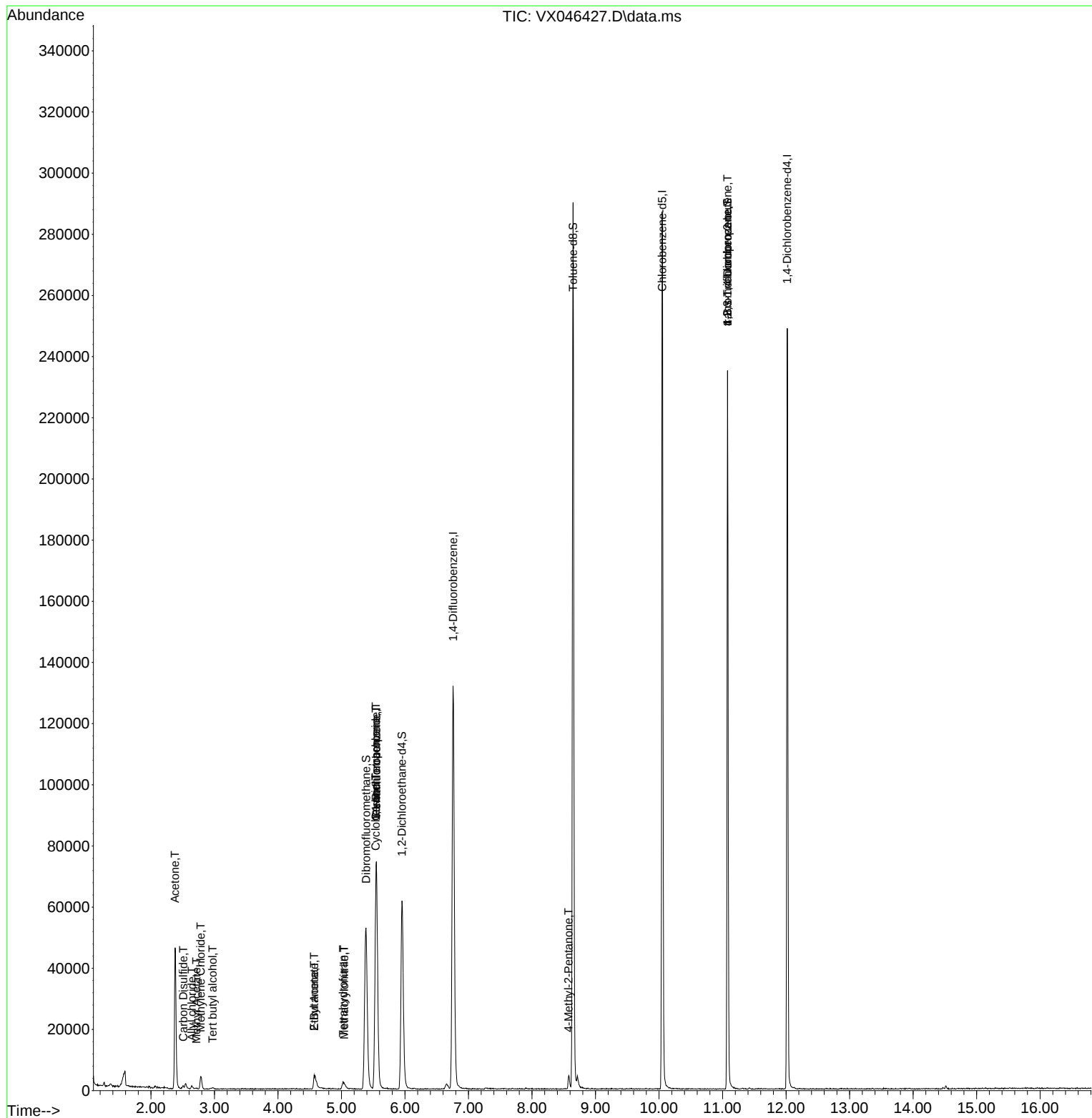
Internal Standards						
1) Pentafluorobenzene	5.550	168	61473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62662	54.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	46103	51.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	158514	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	59228	49.538	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	420	2.611	ug/l #	72
14) Allyl chloride	2.642	41	1085	0.779	ug/l #	43
16) Acetone	2.380	43	50891	110.750	ug/l	97
17) Carbon Disulfide	2.508	76	1161	0.672	ug/l #	92
18) Methyl Acetate	2.715	43	394	0.369	ug/l #	55
20) Methylene Chloride	2.782	84	1993	2.263	ug/l #	89
25) 2-Butanone	4.568	43	10062	15.083	ug/l	99
29) Tetrahydrofuran	5.025	42	1050	2.512	ug/l #	62
31) Cyclohexane	5.538	56	1791	1.311	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	6260	5.174	ug/l #	52
37) Ethyl Acetate	4.568	43	10062	6.731	ug/l #	70
38) Carbon Tetrachloride	5.544	117	7288	5.361	ug/l #	16
41) Methacrylonitrile	5.044	41	1317	1.684	ug/l #	25
51) 4-Methyl-2-Pentanone	8.574	43	3175	2.097	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	34409	30.739	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34409	100.076	ug/l #	1

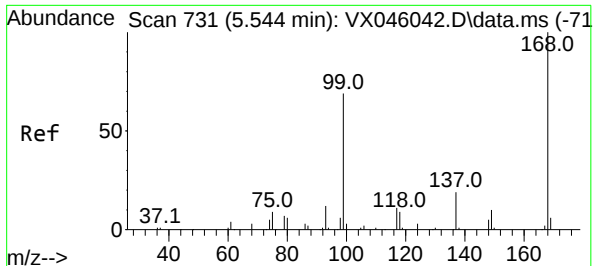
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
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Quant Time: May 31 05:18:50 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

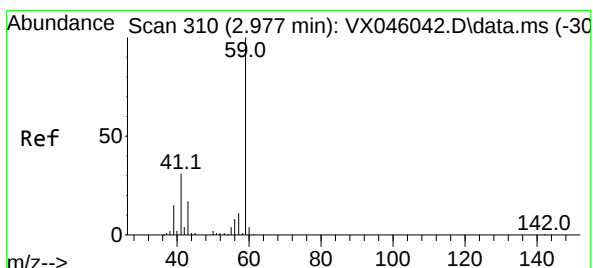
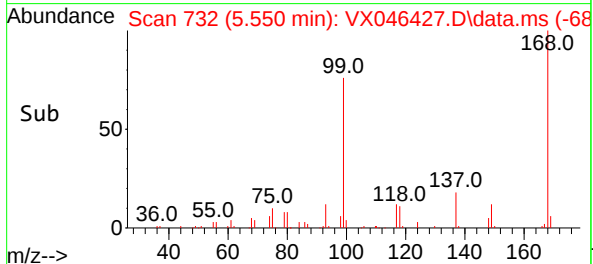
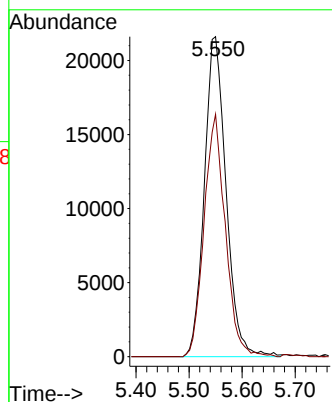
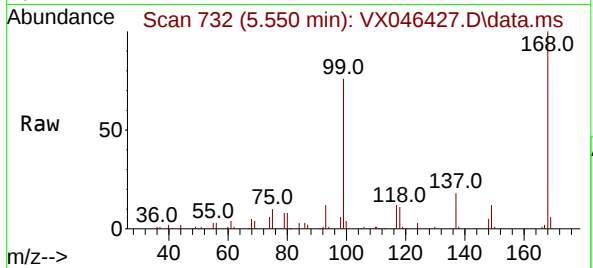




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

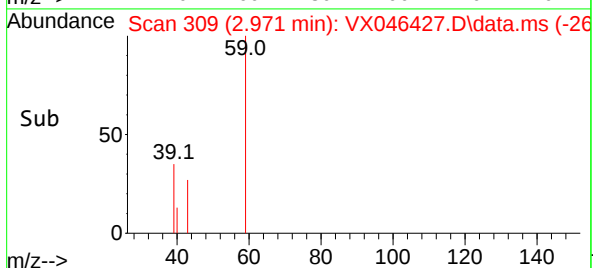
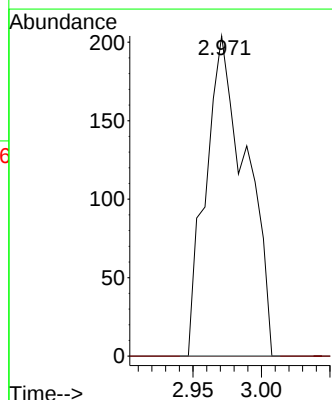
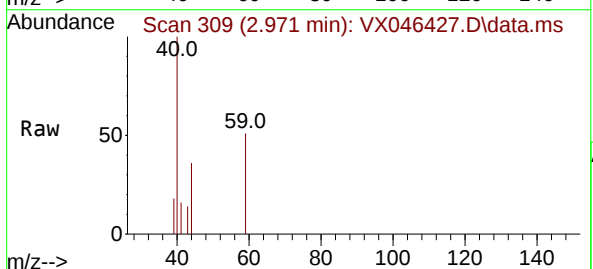
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

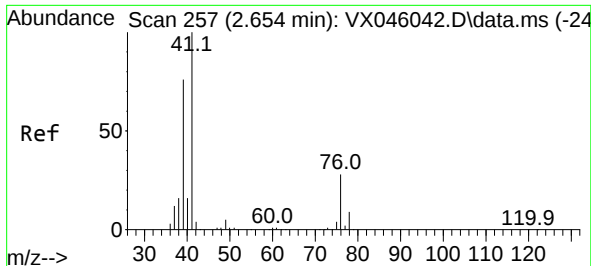
Tgt Ion:168 Resp: 61473
Ion Ratio Lower Upper
168 100
99 75.7 54.9 82.3



#11
Tert butyl alcohol
Concen: 2.611 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

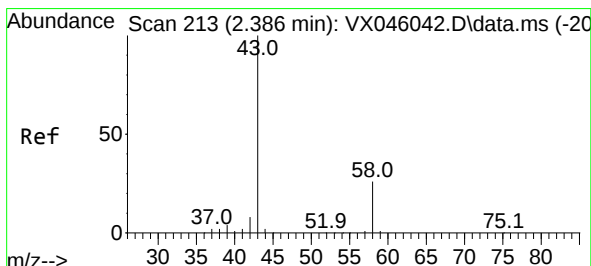
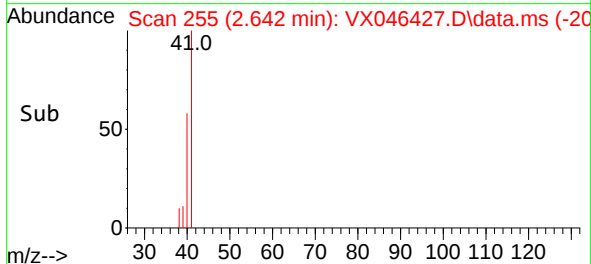
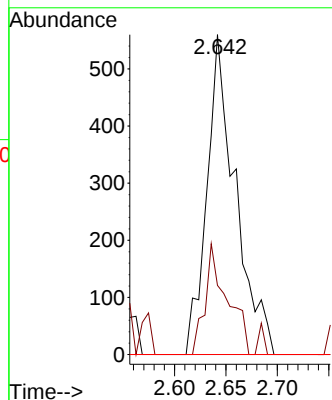
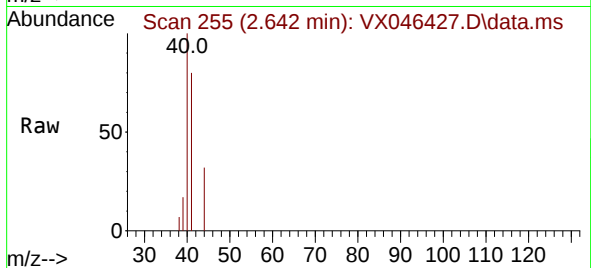




#14
 Allyl chloride
 Concen: 0.779 ug/l
 RT: 2.642 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VX046427.D
 Acq: 30 May 2025 17:23

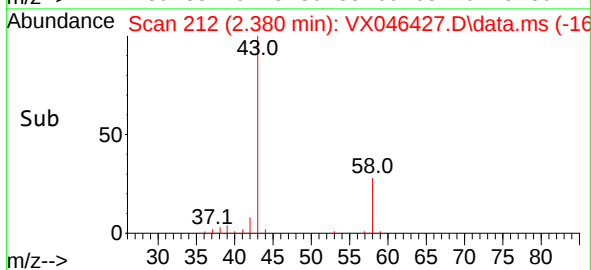
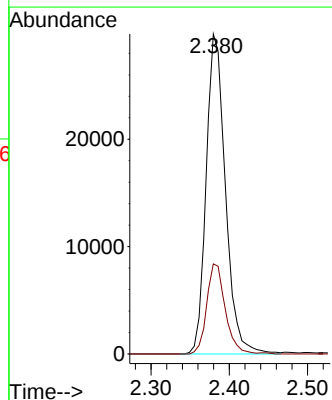
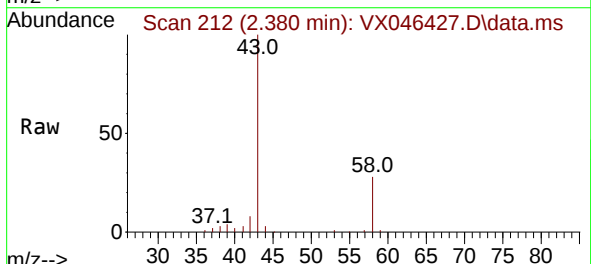
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250529

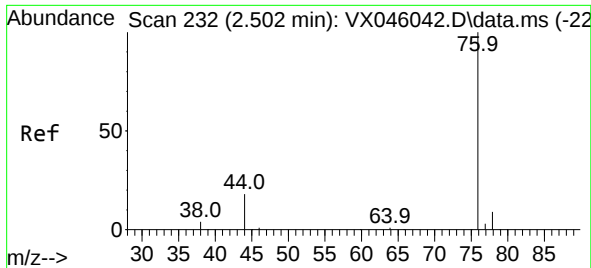
Tgt Ion: 41 Resp: 1085
 Ion Ratio Lower Upper
 41 100
 39 26.8 60.6 90.8#
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 110.750 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX046427.D
 Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 50891
 Ion Ratio Lower Upper
 43 100
 58 28.1 21.2 31.8

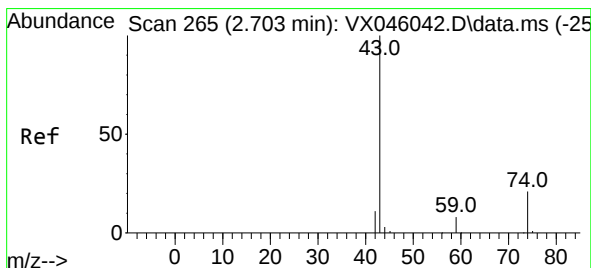
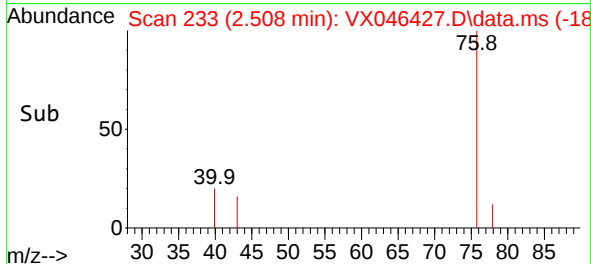
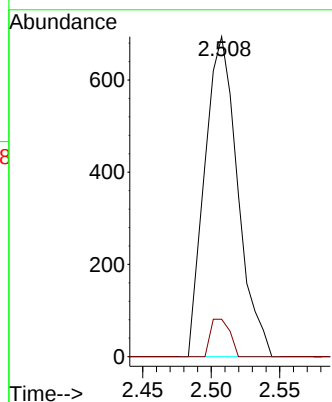
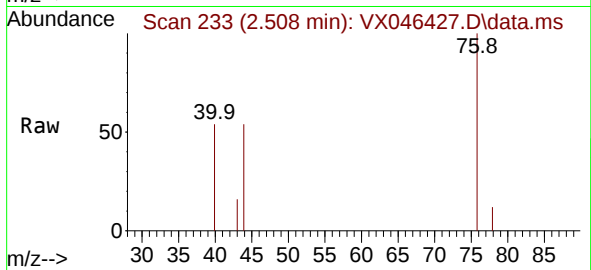




#17
Carbon Disulfide
Concen: 0.672 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

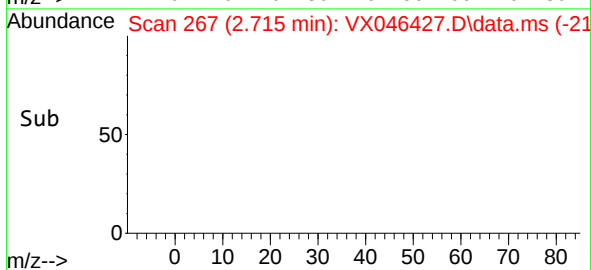
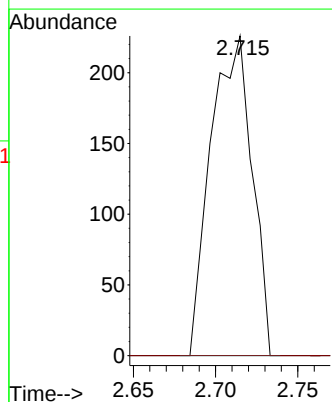
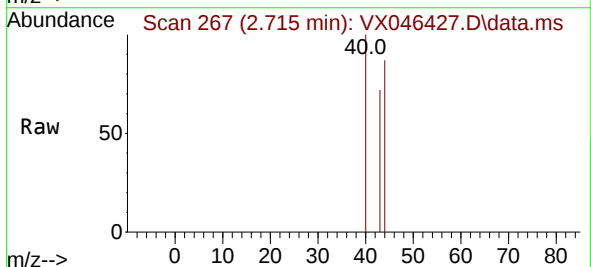
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

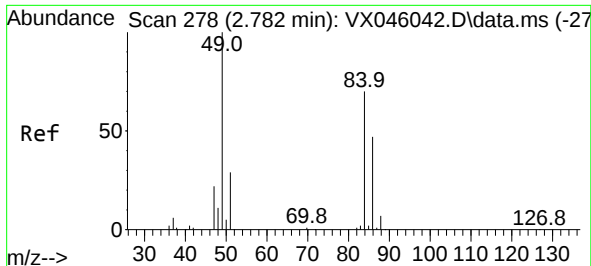
Tgt Ion: 76 Resp: 1161
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.4#



#18
Methyl Acetate
Concen: 0.369 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

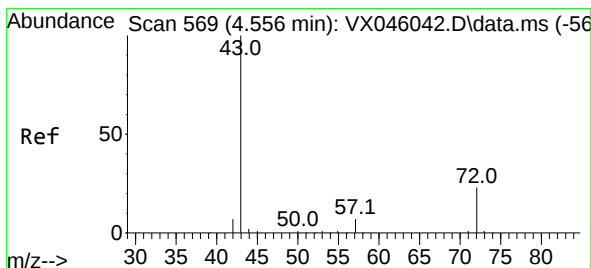
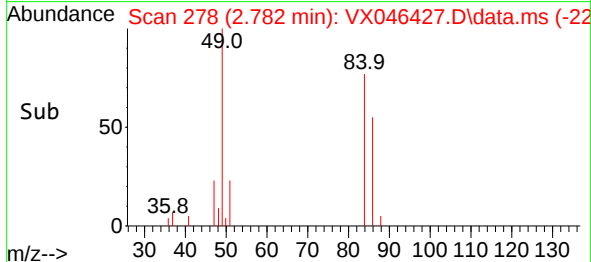
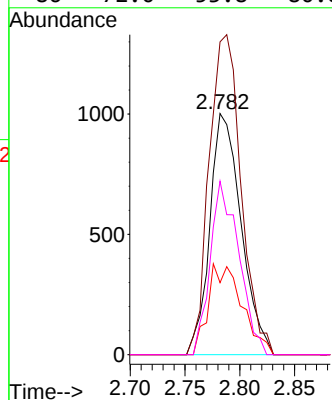
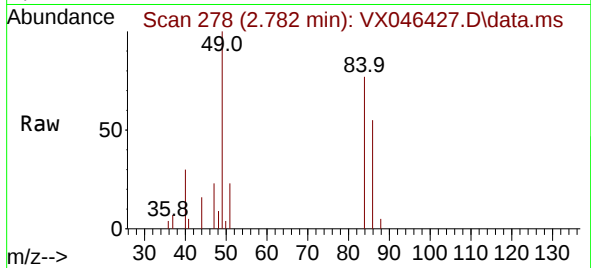




#20
Methylene Chloride
Concen: 2.263 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

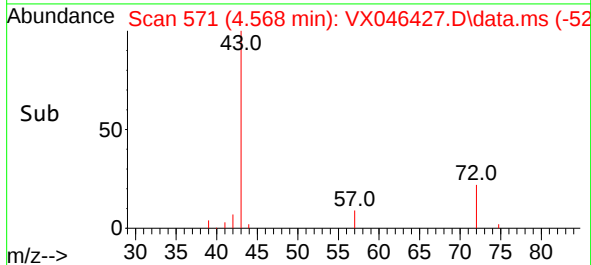
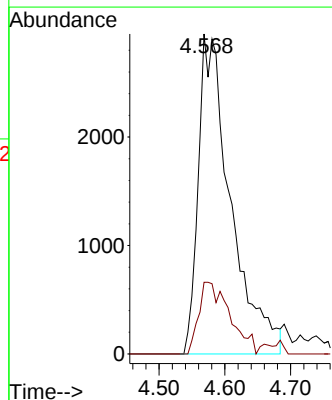
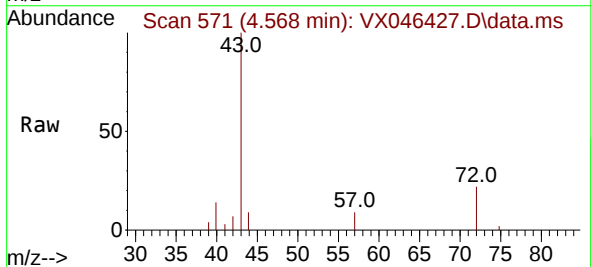
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

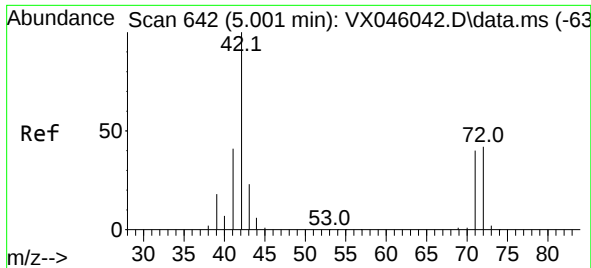
Tgt Ion:	84	Resp:	1993
Ion	Ratio	Lower	Upper
84	100		
49	129.7	113.9	170.9
51	29.8	33.5	50.3#
86	72.0	53.8	80.8



#25
2-Butanone
Concen: 15.083 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:	43	Resp:	10062
Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.4	27.6

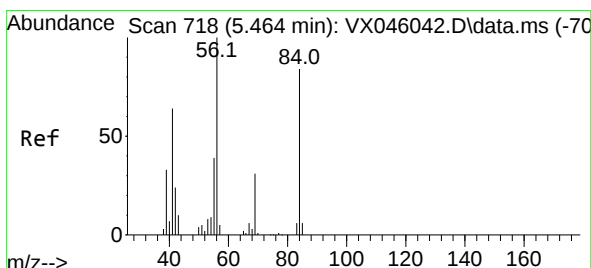
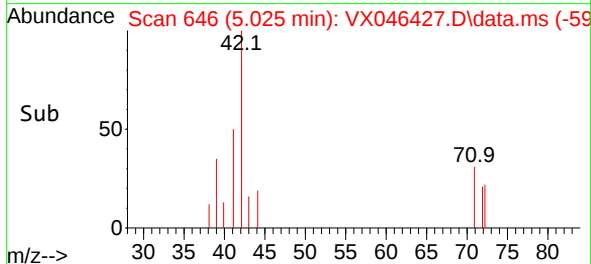
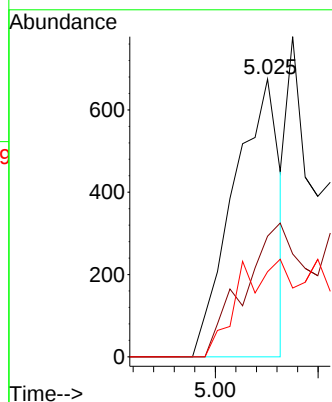
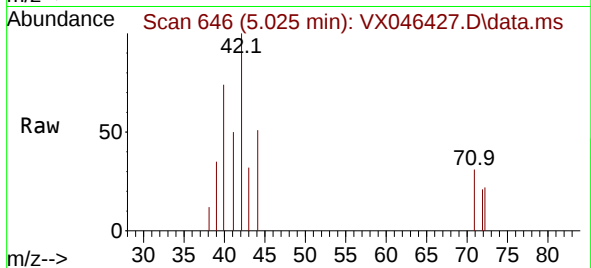




#29
Tetrahydrofuran
Concen: 2.512 ug/l
RT: 5.025 min Scan# 642
Delta R.T. 0.024 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

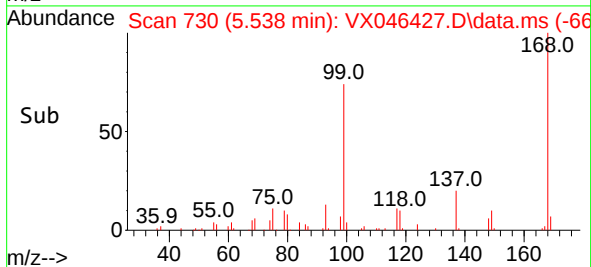
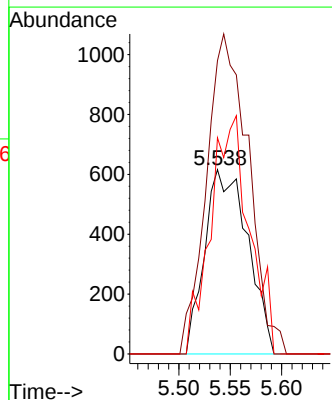
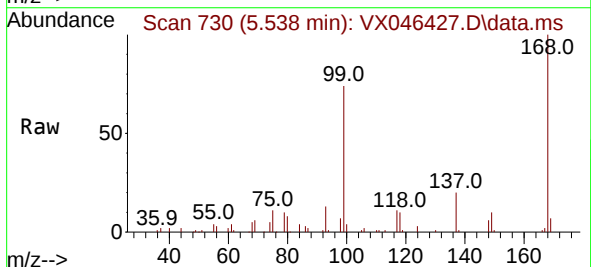
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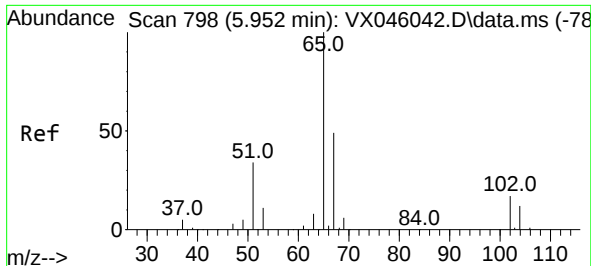
Tgt Ion:	42	Resp:	1050
Ion	Ratio	Lower	Upper
42	100		
72	88.5	33.7	50.5#
71	39.5	31.4	47.2



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:	56	Resp:	1791
Ion	Ratio	Lower	Upper
56	100		
69	159.1	24.4	36.6#
84	117.2	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.676 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

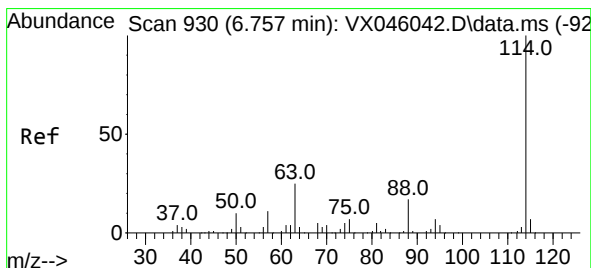
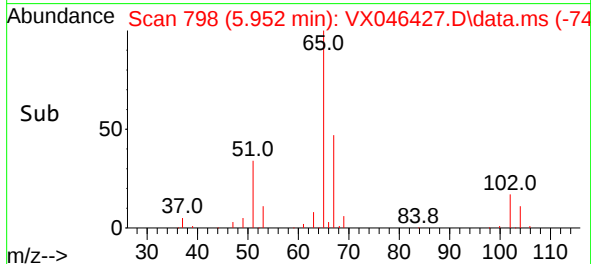
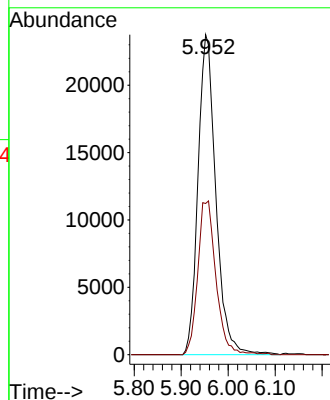
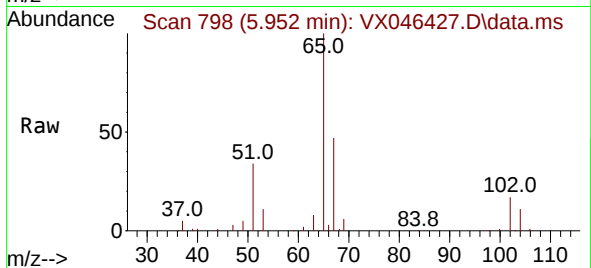
BP-VPB-182-EB-20250529

Tgt Ion: 65 Resp: 62662

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# 930

Delta R.T. -0.000 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

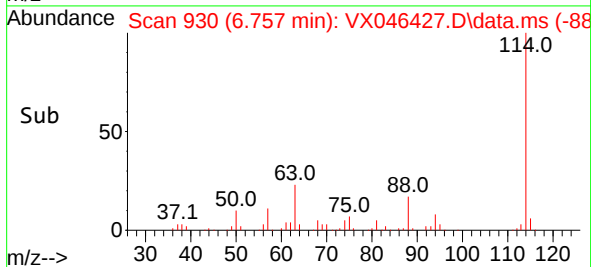
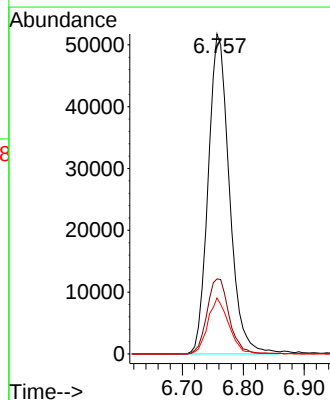
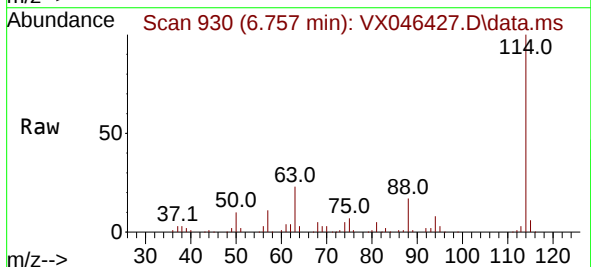
Tgt Ion: 114 Resp: 125059

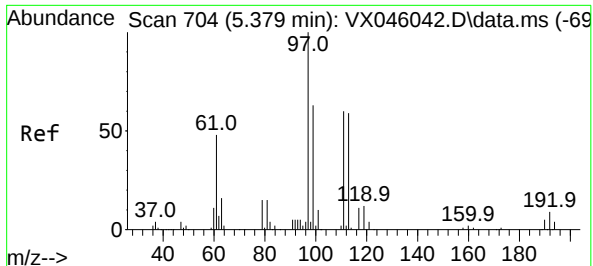
Ion Ratio Lower Upper

114 100

63 23.5 0.0 49.2

88 17.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.194 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046427.D

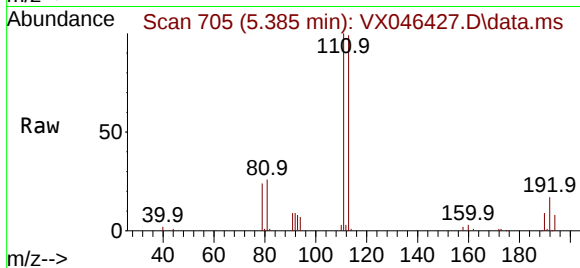
Acq: 30 May 2025 17:23

Instrument :

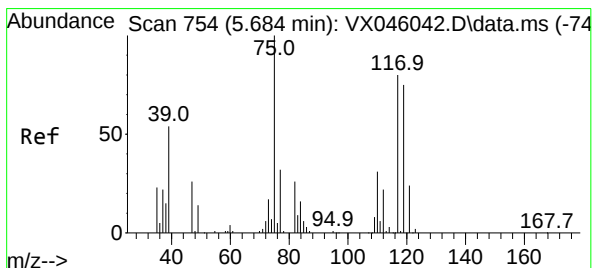
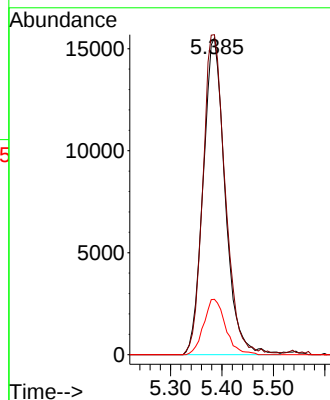
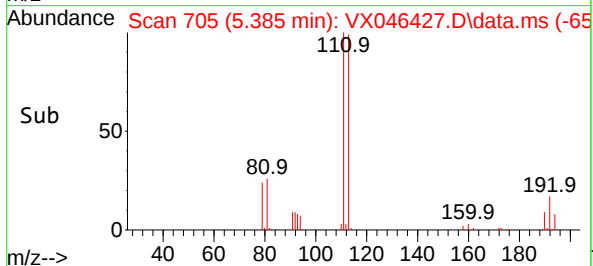
MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250529



Tgt Ion:	113	Resp:	46103
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	17.4	13.3	19.9



#36

1,1-Dichloropropene

Concen: 5.174 ug/l

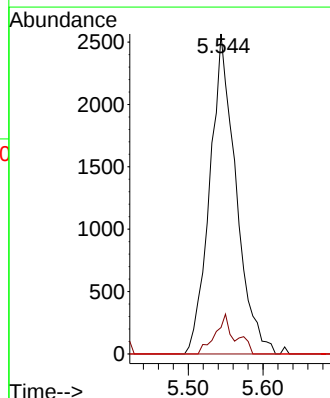
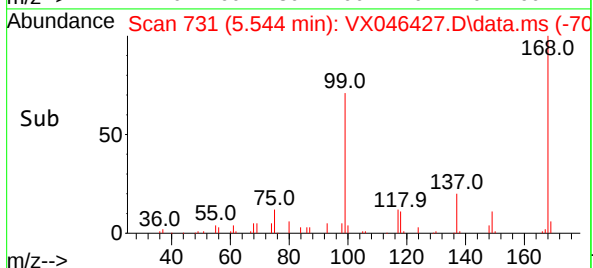
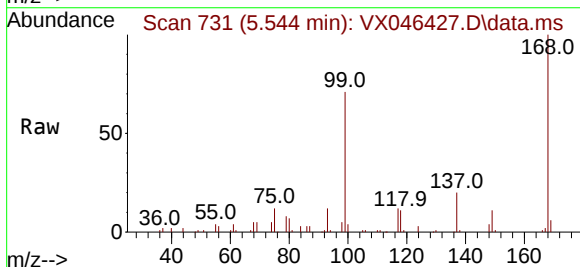
RT: 5.544 min Scan# 731

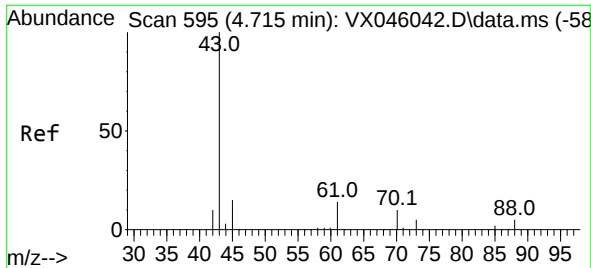
Delta R.T. -0.140 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

Tgt Ion:	75	Resp:	6260
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	24.3	36.5#





#37

Ethyl Acetate

Concen: 6.731 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250529

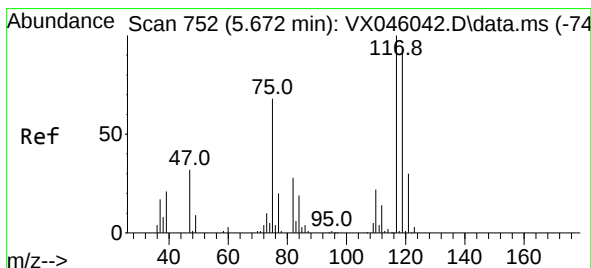
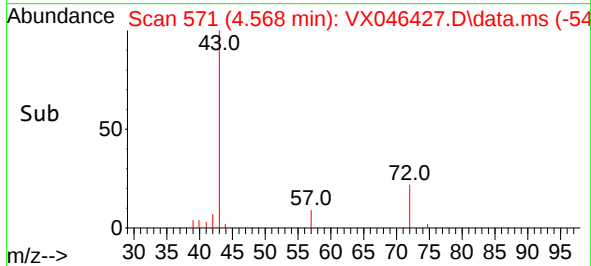
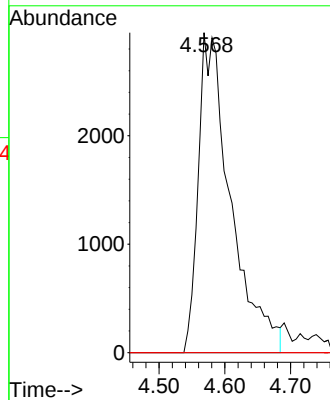
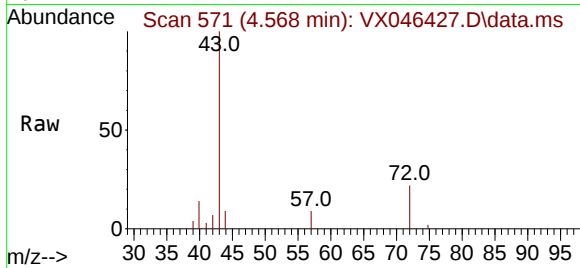
Tgt Ion: 43 Resp: 10062

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.361 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046427.D

Acq: 30 May 2025 17:23

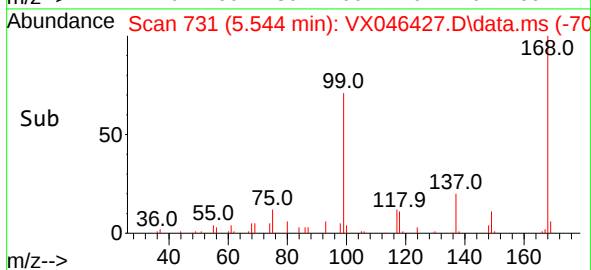
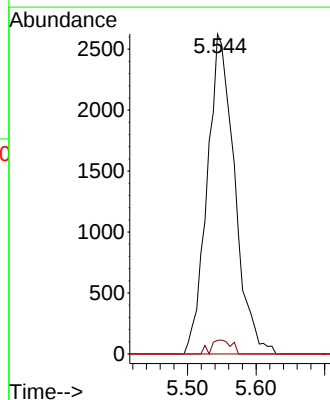
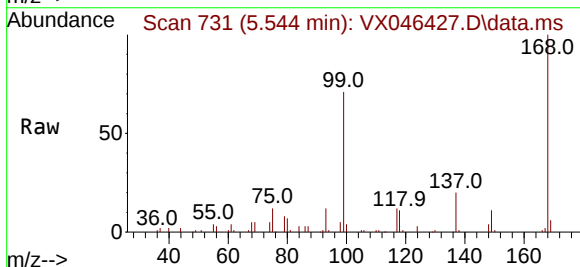
Tgt Ion: 117 Resp: 7288

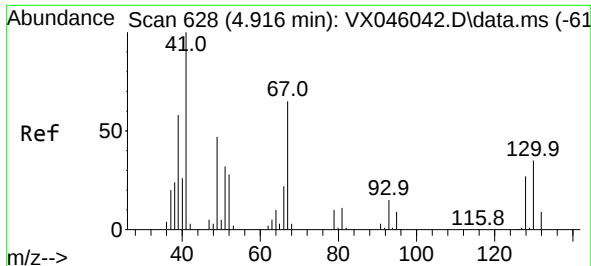
Ion Ratio Lower Upper

117 100

119 4.2 75.2 112.8#

121 0.0 24.2 36.4#

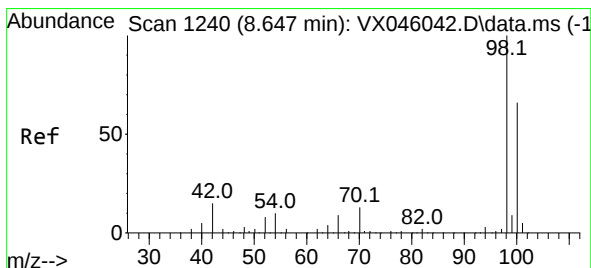
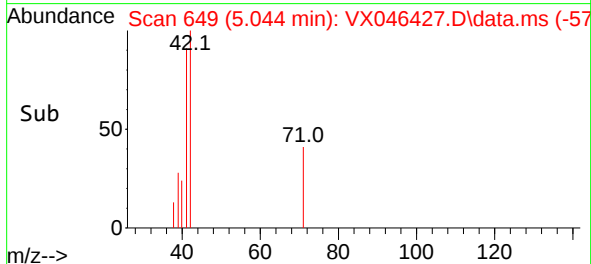
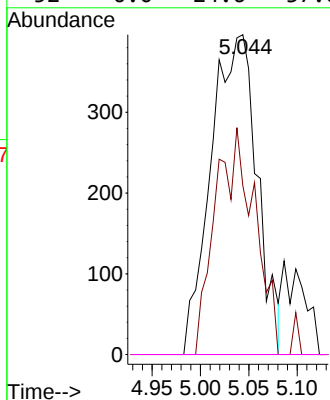
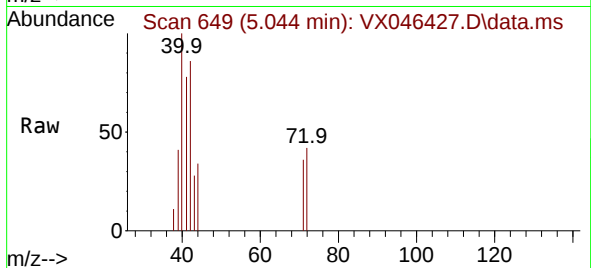




#41
Methacrylonitrile
Concen: 1.684 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.128 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

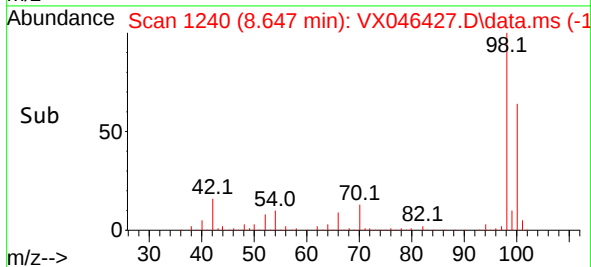
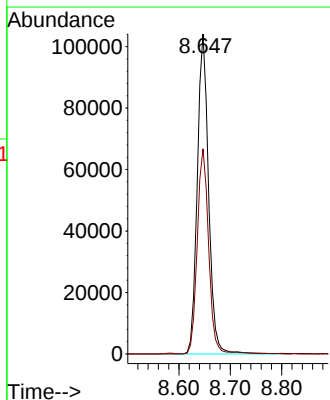
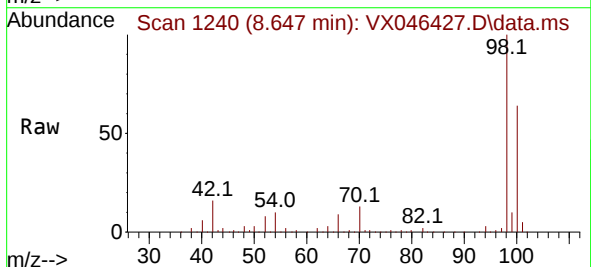
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

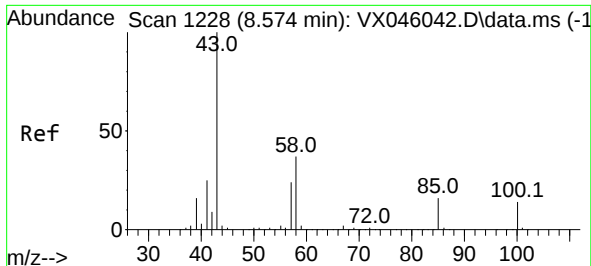
Tgt Ion: 41	Resp: 1317
Ion Ratio	Lower Upper
41 100	
39 0.0	47.2 70.8#
67 0.0	50.7 76.1#
52 0.0	24.6 37.0#



#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 98	Resp: 158514
Ion Ratio	Lower Upper
98 100	
100 64.8	53.5 80.3

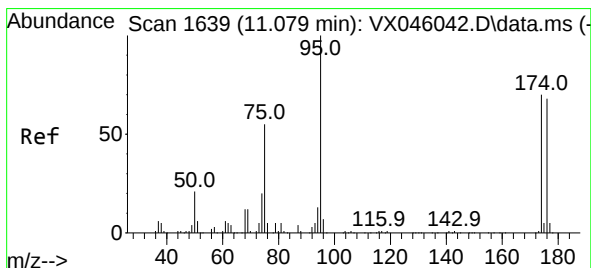
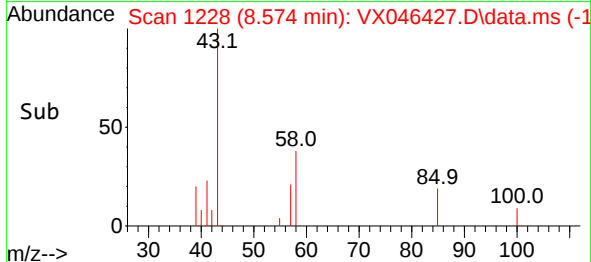
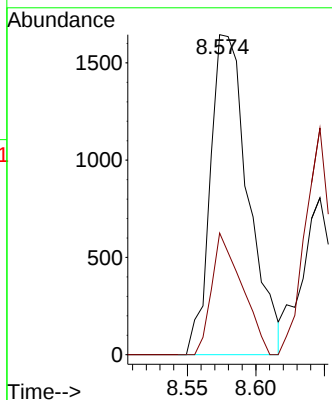
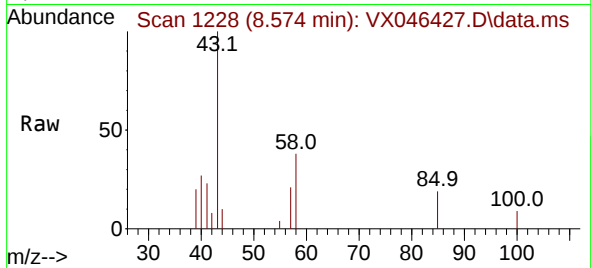




#51
4-Methyl-2-Pentanone
Concen: 2.097 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

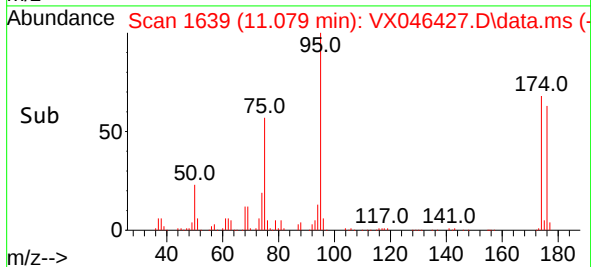
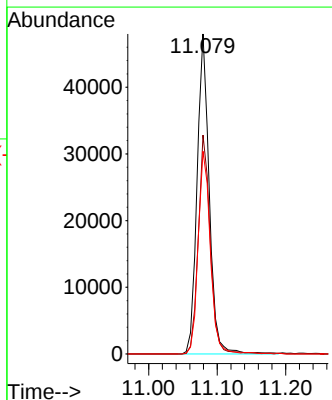
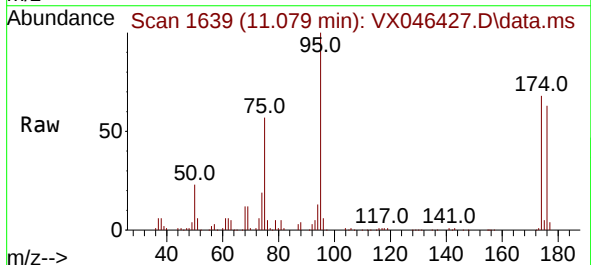
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

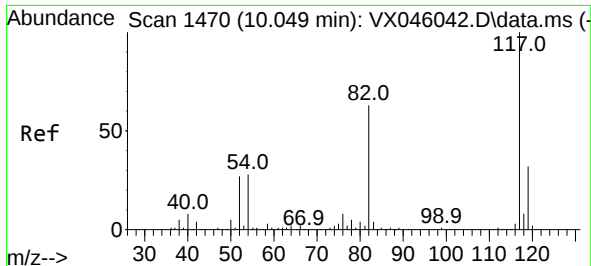
Tgt Ion: 43 Resp: 3175
Ion Ratio Lower Upper
43 100
58 30.4 28.9 43.3



#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 95 Resp: 59228
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.4 0.0 131.4

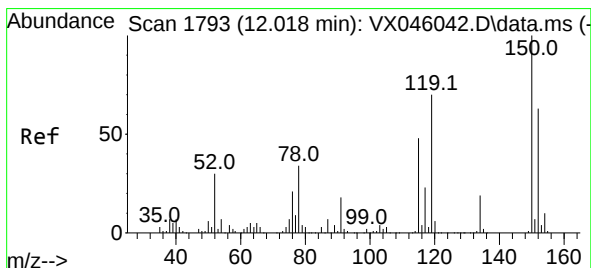
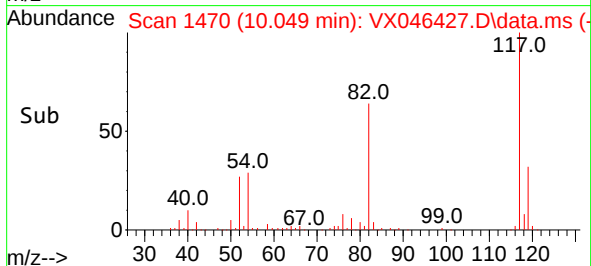
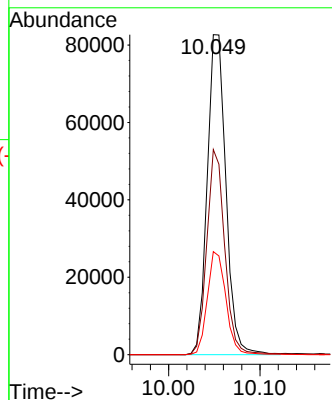
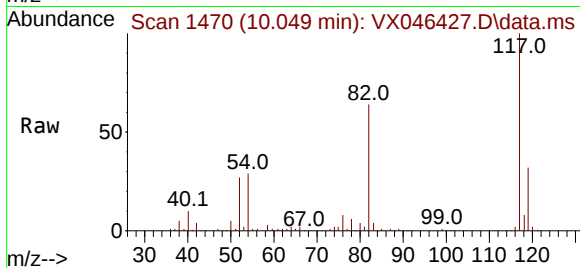




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

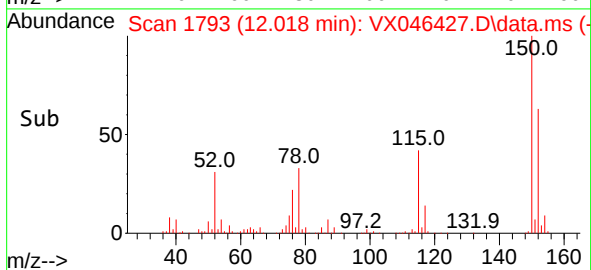
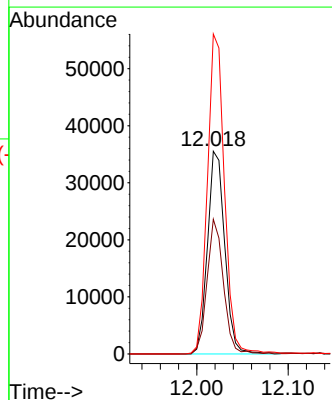
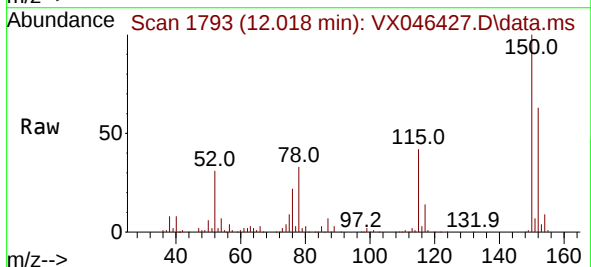
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

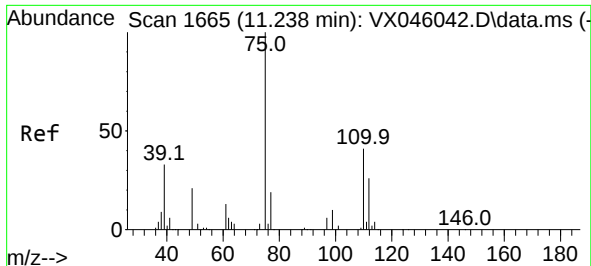
Tgt Ion:117 Resp: 117701
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:152 Resp: 46505
Ion Ratio Lower Upper
152 100
115 62.9 46.9 140.7
150 156.1 0.0 351.0

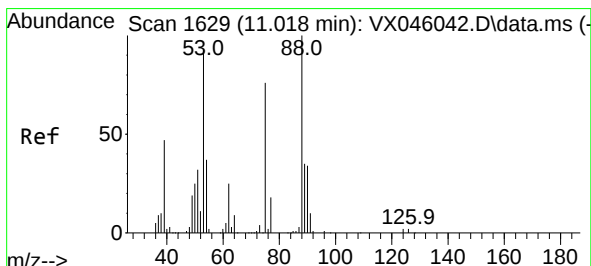
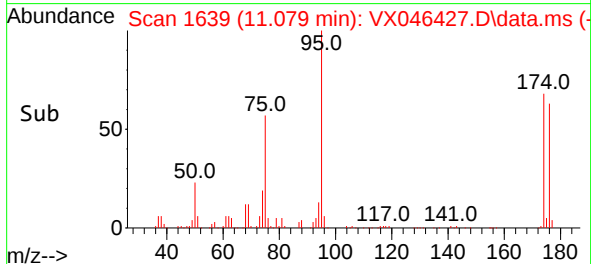
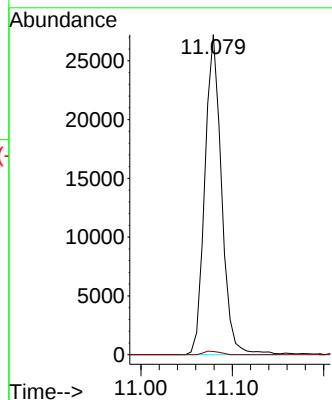
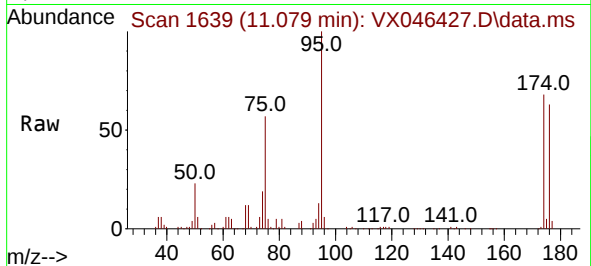




#76
1,2,3-Trichloropropane
Concen: 30.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 75 Resp: 34409
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 75 Resp: 34409
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.1 37.0 55.6#

