

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046062.D
 Acq On : 06 May 2025 14:35
 Operator : JC/MD
 Sample : PB167852ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#03

Quant Time: May 07 01:46:54 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)

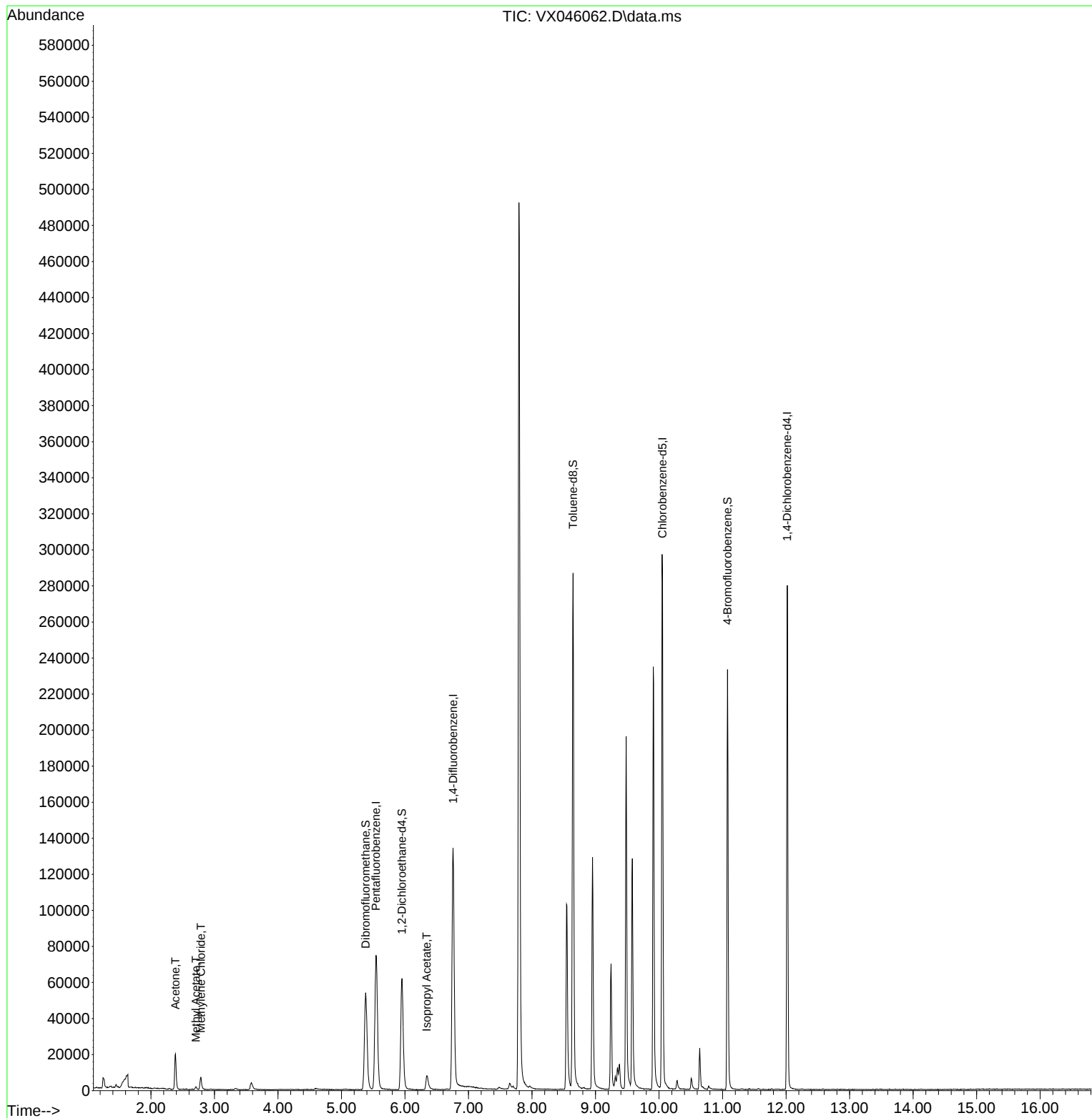
Internal Standards						
1) Pentafluorobenzene	5.544	168	63845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64856	54.488	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.980%		
35) Dibromofluoromethane	5.379	113	46889	50.171	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.340%		
50) Toluene-d8	8.647	98	161971	50.073	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.140%		
62) 4-Bromofluorobenzene	11.079	95	63000	50.775	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.540%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	21534	45.121	ug/l	100
18) Methyl Acetate	2.709	43	2115	1.910	ug/l #	88
20) Methylene Chloride	2.788	84	3188	3.486	ug/l	95
43) Isopropyl Acetate	6.342	43	12049	5.091	ug/l	99

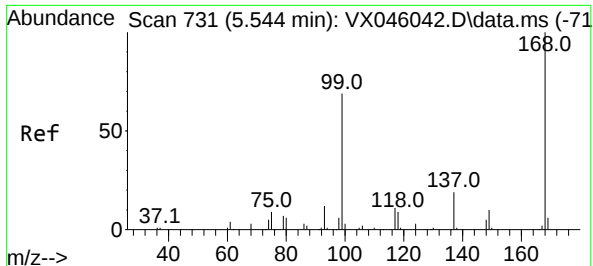
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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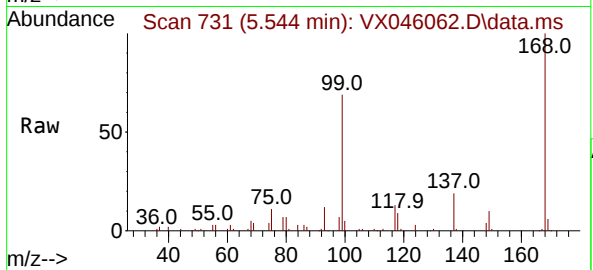
Quant Time: May 07 01:46:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
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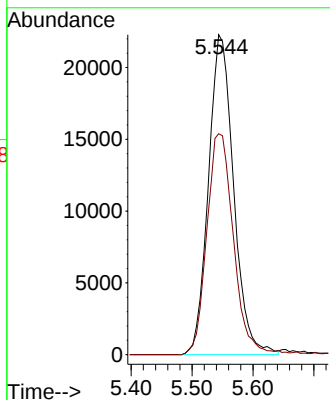
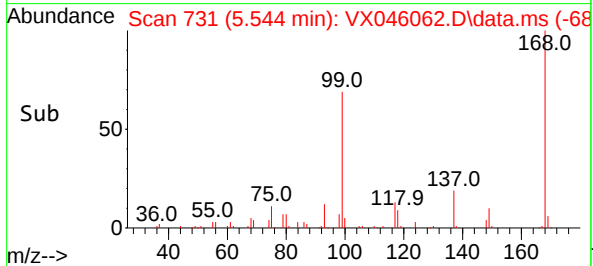


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#03

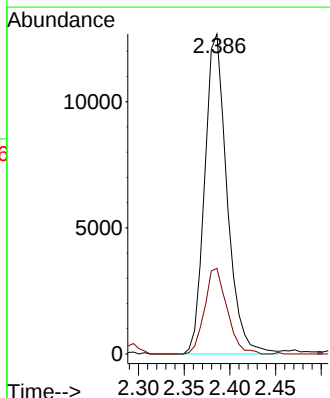
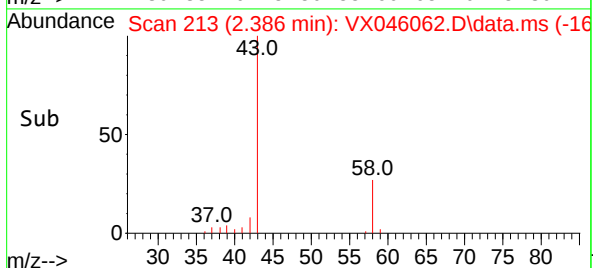
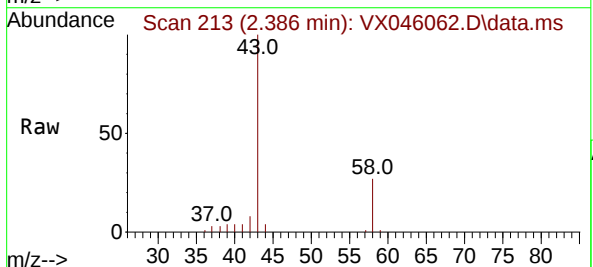


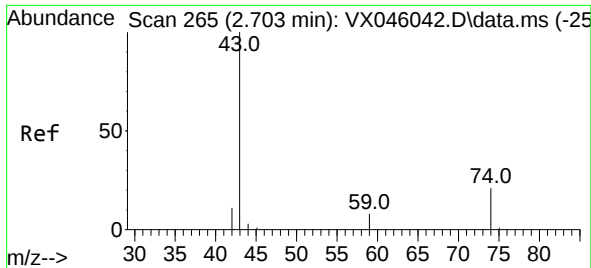
Tgt Ion:168 Resp: 63845
Ion Ratio Lower Upper
168 100
99 69.1 54.9 82.3



#16
Acetone
Concen: 45.121 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Tgt Ion: 43 Resp: 21534
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8

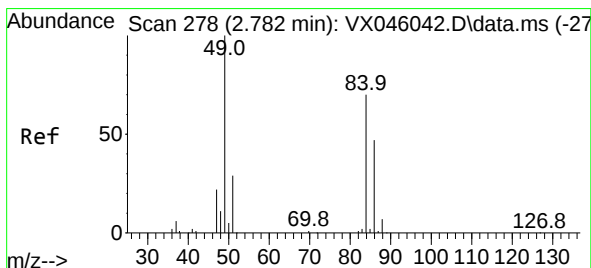
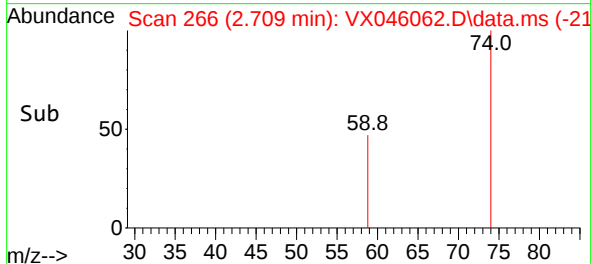
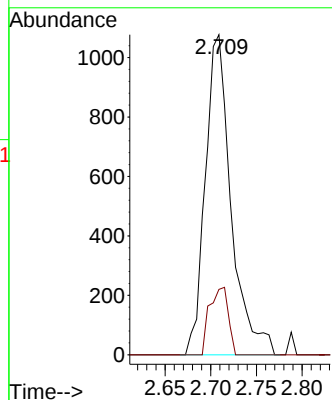
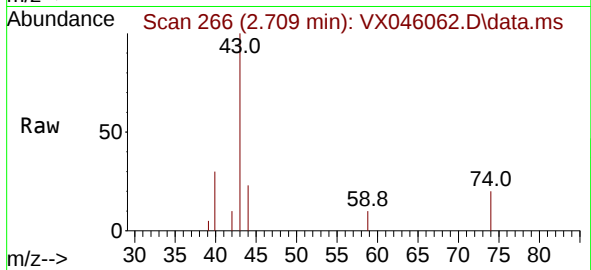




#18
Methyl Acetate
Concen: 1.910 ug/l
RT: 2.709 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

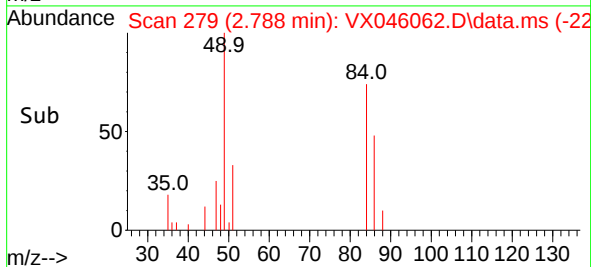
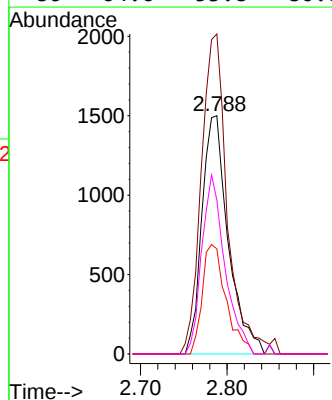
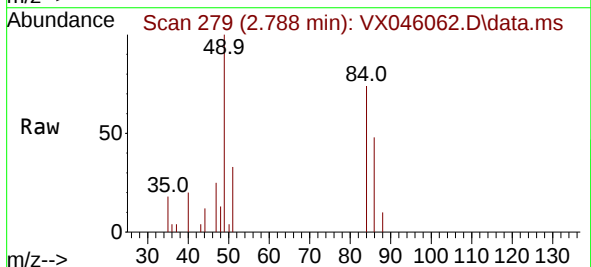
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#03

Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
74 15.3 16.7 25.1#



#20
Methylene Chloride
Concen: 3.486 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Tgt Ion: 84 Resp: 3188
Ion Ratio Lower Upper
84 100
49 134.3 113.9 170.9
51 44.1 33.5 50.3
86 64.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.488 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046062.D

Acq: 06 May 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

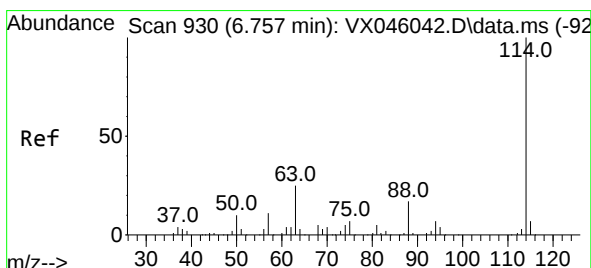
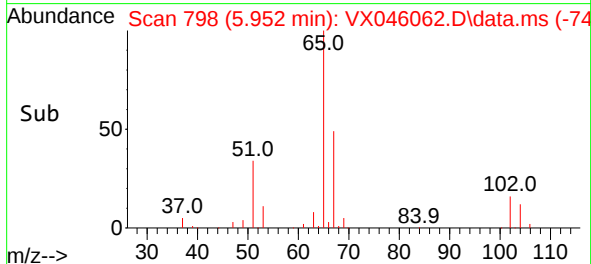
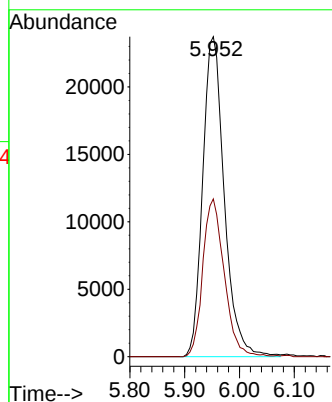
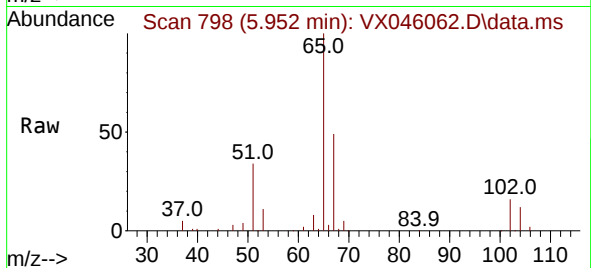
PB167852ZHE#03

Tgt Ion: 65 Resp: 64856

Ion Ratio Lower Upper

65 100

67 49.0 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: VX046062.D

Acq: 06 May 2025 14:35

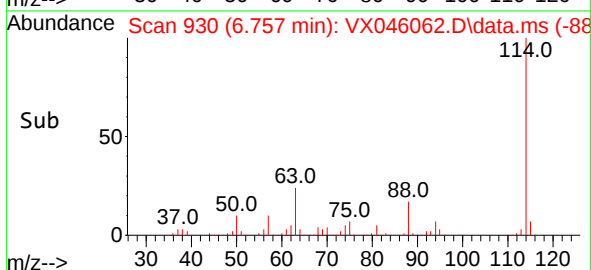
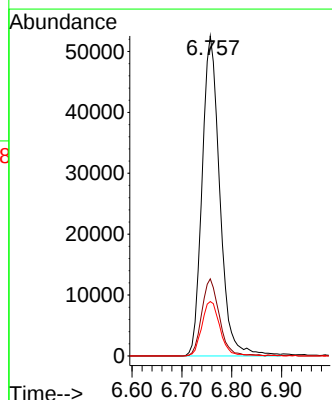
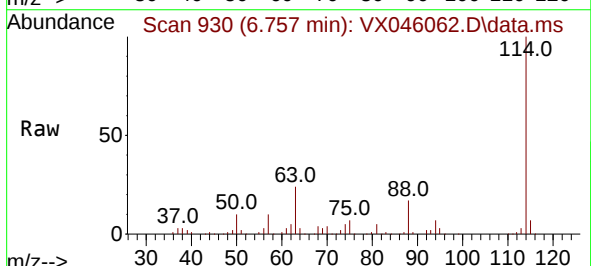
Tgt Ion: 114 Resp: 129783

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 17.0 0.0 33.6

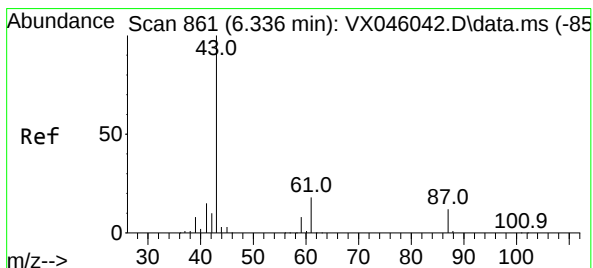
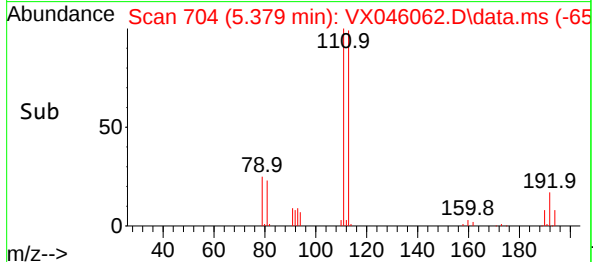
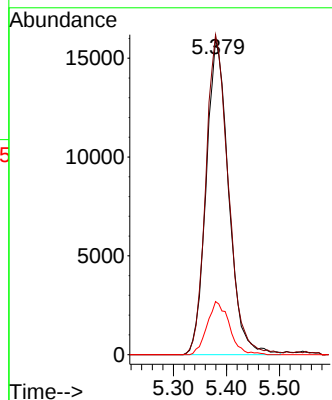
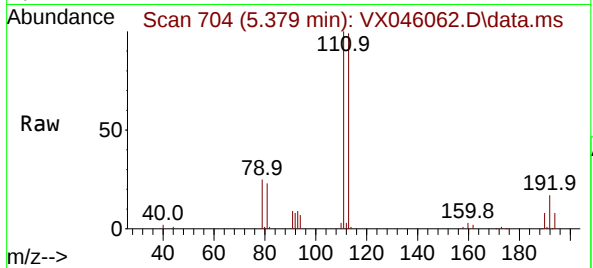




#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

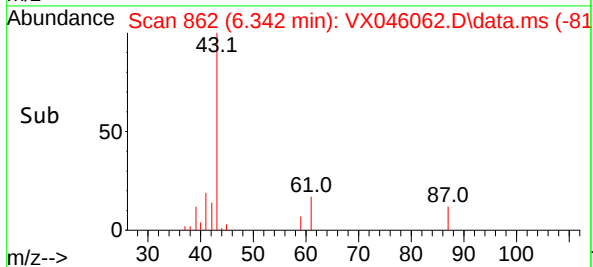
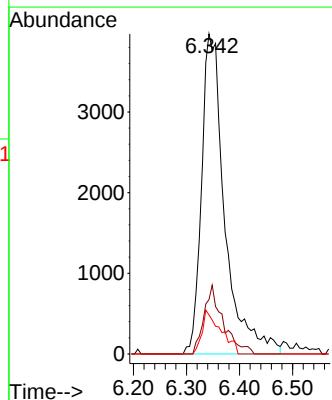
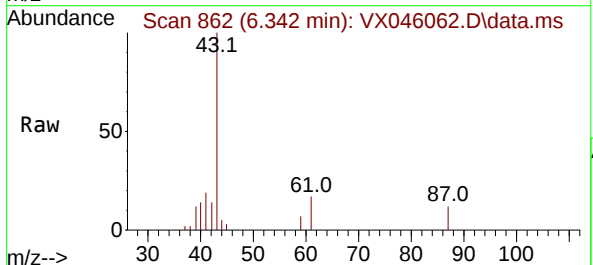
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#03

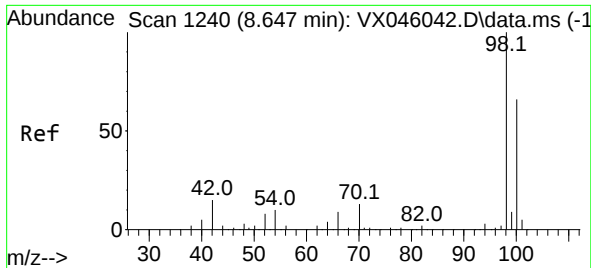
Tgt Ion:113 Resp: 46889
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.7 13.3 19.9



#43
Isopropyl Acetate
Concen: 5.091 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Tgt Ion: 43 Resp: 12049
Ion Ratio Lower Upper
43 100
61 17.8 14.3 21.5
87 11.0 9.5 14.3

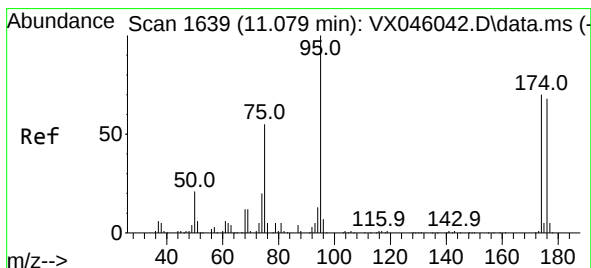
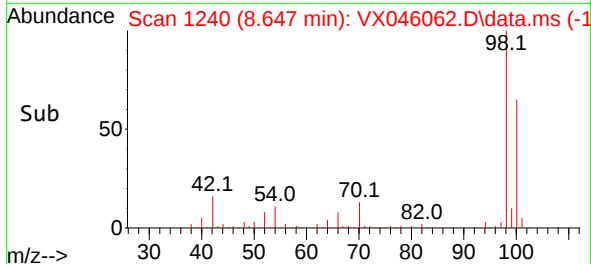
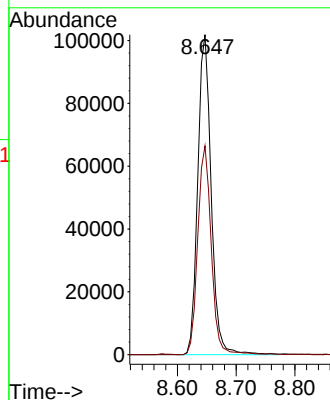
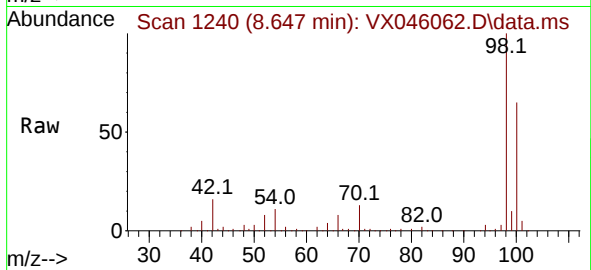




#50
Toluene-d8
Concen: 50.073 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

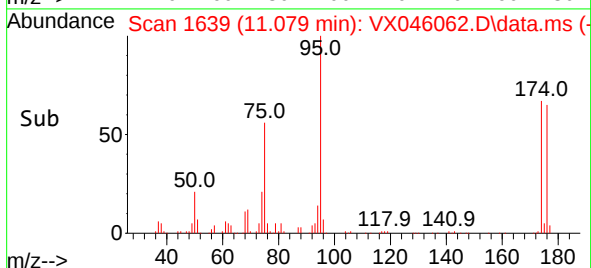
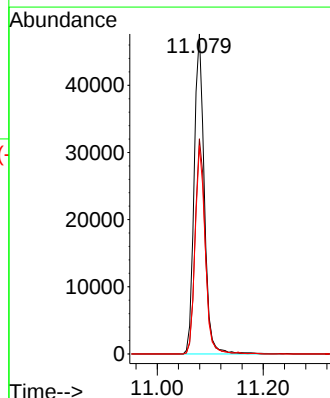
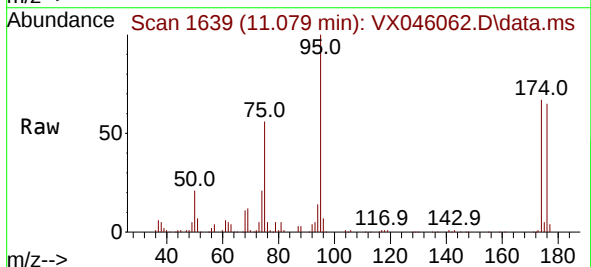
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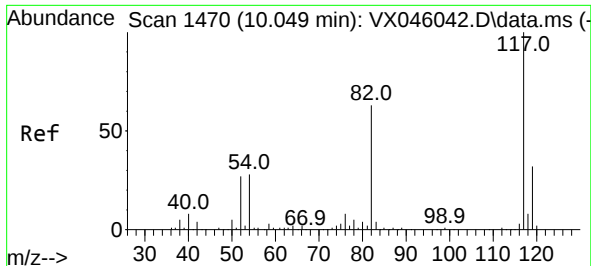
Tgt Ion: 98 Resp: 161971
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Tgt Ion: 95 Resp: 63000
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.2 0.0 131.4

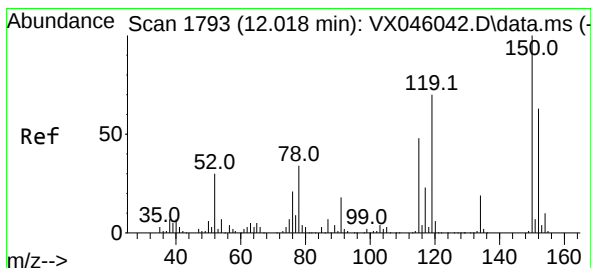
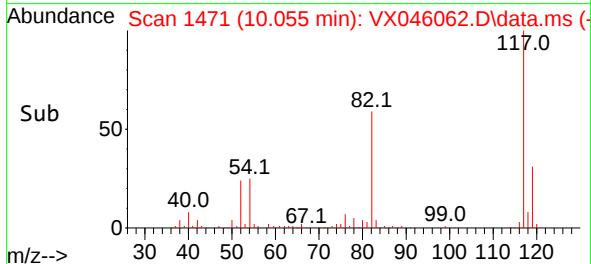
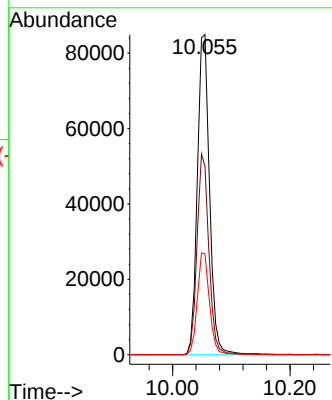
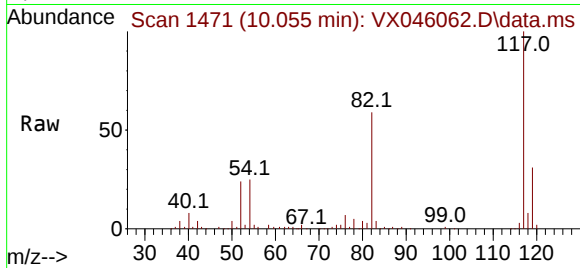




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046062.D
Acq: 06 May 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#03

Tgt Ion:117 Resp: 122777
Ion Ratio Lower Upper
117 100
82 58.8 50.6 76.0
119 31.5 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: VX046062.D
Acq: 06 May 2025 14:35

Tgt Ion:152 Resp: 51096
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 158.6 0.0 351.0

