

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046063.D
 Acq On : 06 May 2025 14:58
 Operator : JC/MD
 Sample : PB167852ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#04

Quant Time: May 07 01:47:05 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)

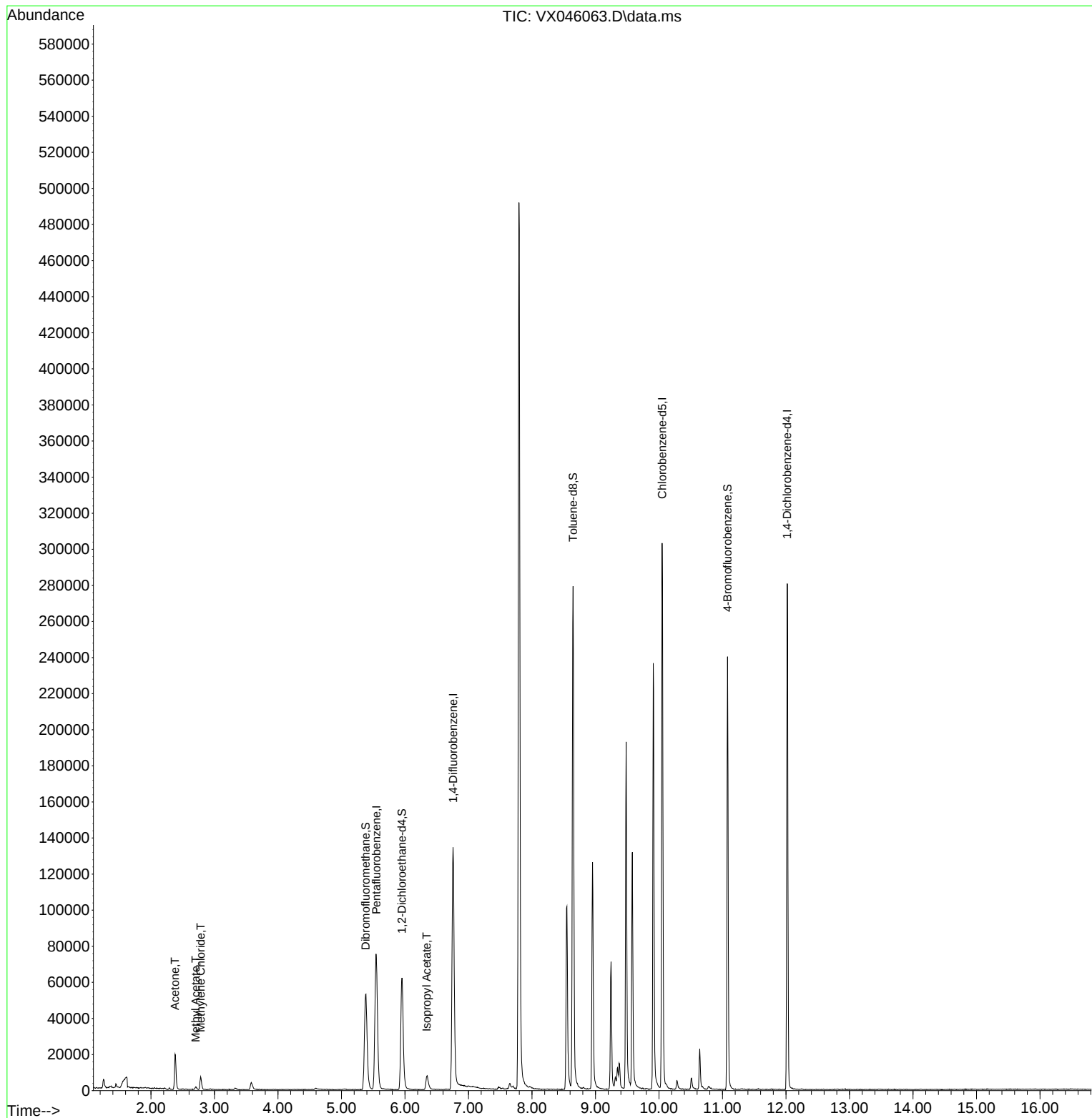
Internal Standards						
1) Pentafluorobenzene	5.550	168	64597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64672	53.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.400%
35) Dibromofluoromethane	5.379	113	46222	49.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	8.647	98	162013	50.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	63484	51.576	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.160%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	21728	44.998	ug/l	100
18) Methyl Acetate	2.703	43	2049	1.829	ug/l #	88
20) Methylene Chloride	2.782	84	3144	3.398	ug/l	92
43) Isopropyl Acetate	6.342	43	12159	5.179	ug/l	99

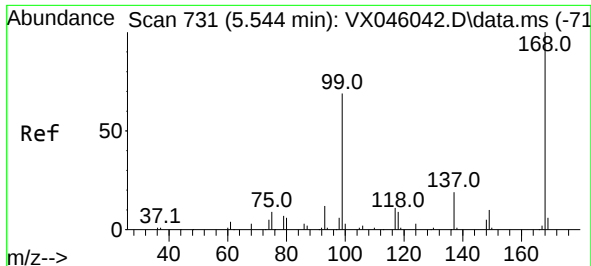
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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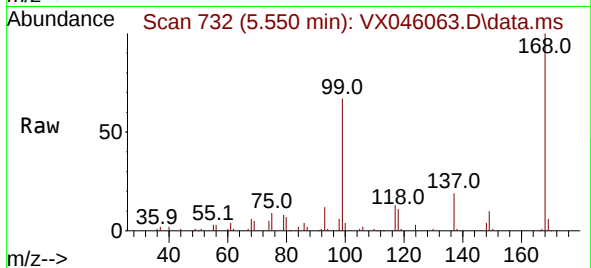
Quant Time: May 07 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
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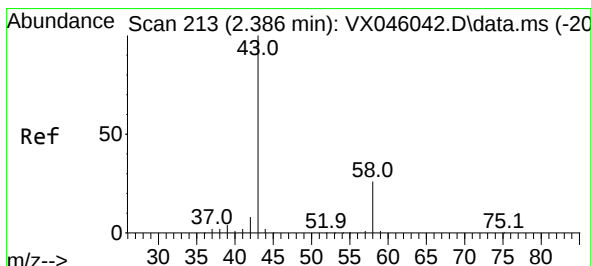
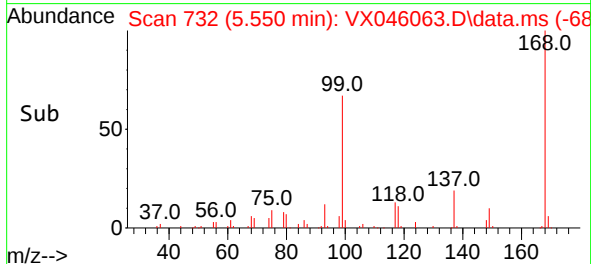
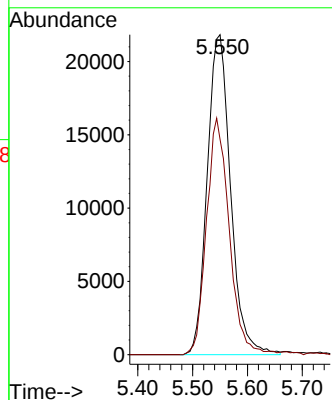


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#04

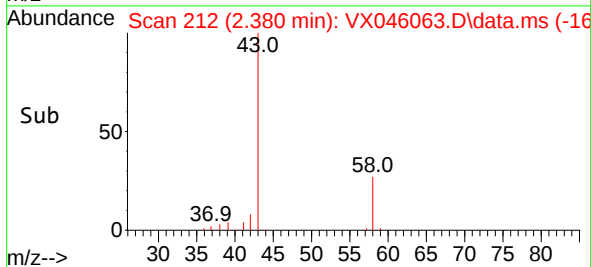
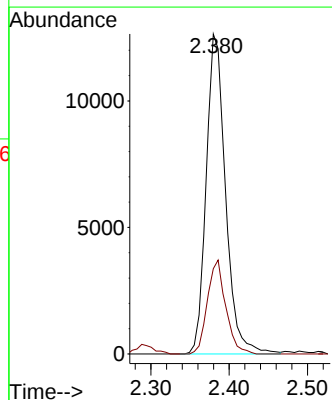
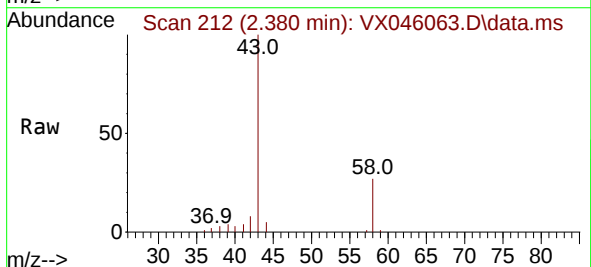


Tgt Ion:168 Resp: 64597
Ion Ratio Lower Upper
168 100
99 67.3 54.9 82.3



#16
Acetone
Concen: 44.998 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

Tgt Ion: 43 Resp: 21728
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#18

Methyl Acetate

Concen: 1.829 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046063.D

Acq: 06 May 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

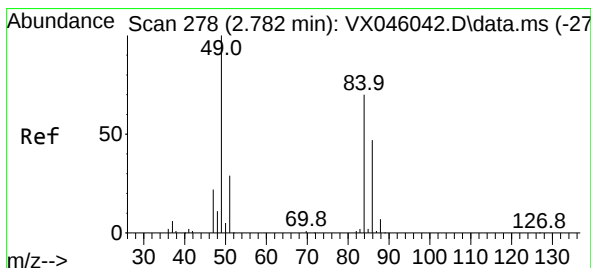
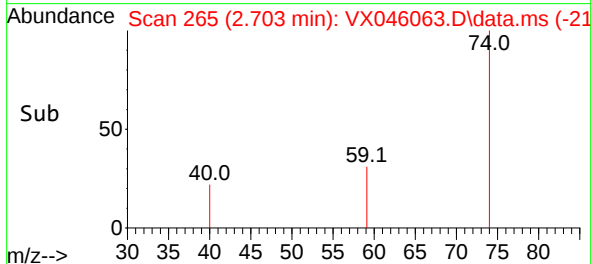
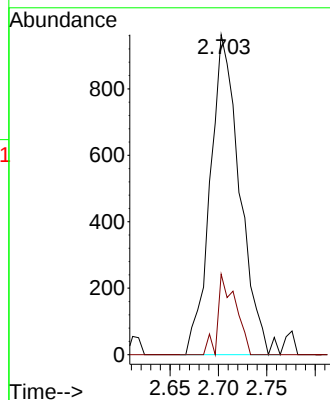
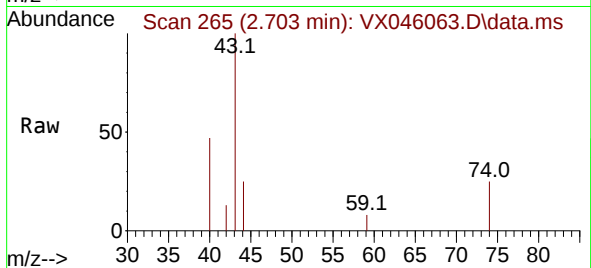
PB167852ZHE#04

Tgt Ion: 43 Resp: 2049

Ion Ratio Lower Upper

43 100

74 15.2 16.7 25.1#



#20

Methylene Chloride

Concen: 3.398 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX046063.D

Acq: 06 May 2025 14:58

Tgt Ion: 84 Resp: 3144

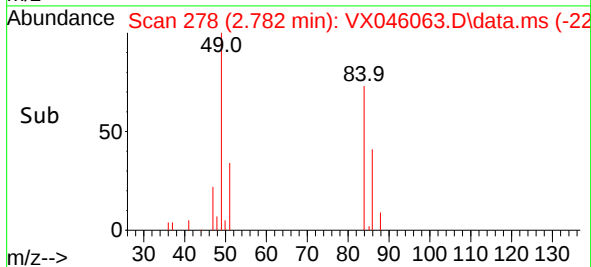
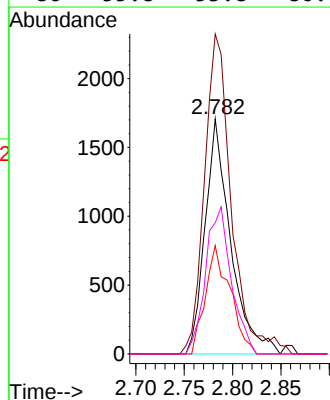
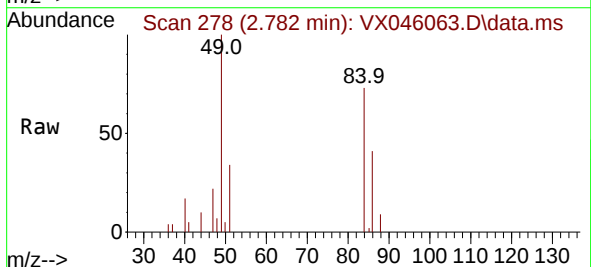
Ion Ratio Lower Upper

84 100

49 136.1 113.9 170.9

51 46.0 33.5 50.3

86 55.8 53.8 80.8

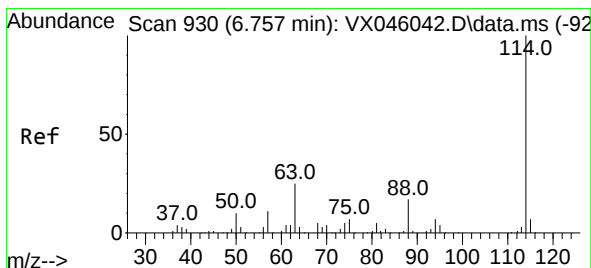
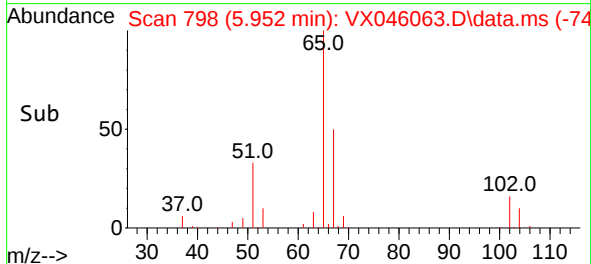
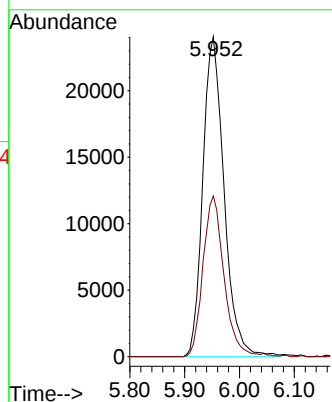
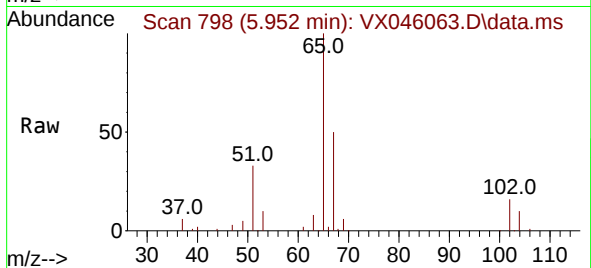




#33
 1,2-Dichloroethane-d4
 Concen: 53.701 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046063.D
 Acq: 06 May 2025 14:58

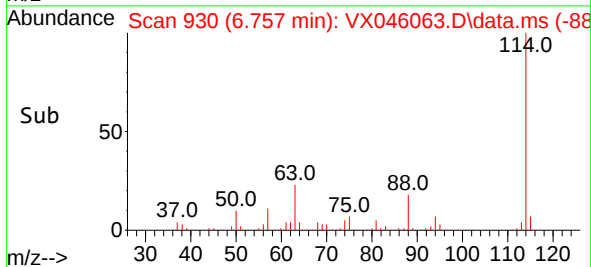
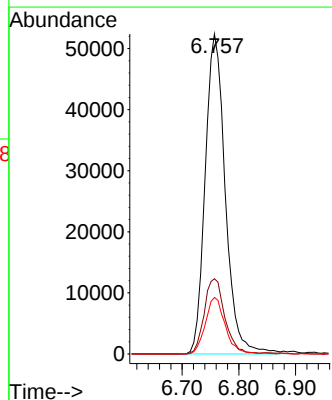
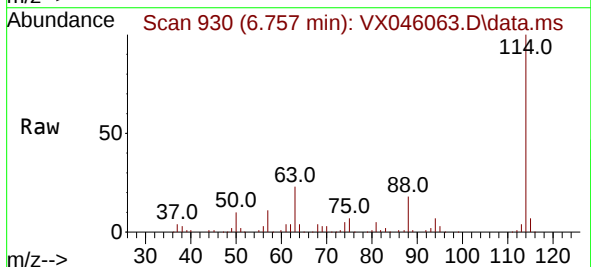
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#04

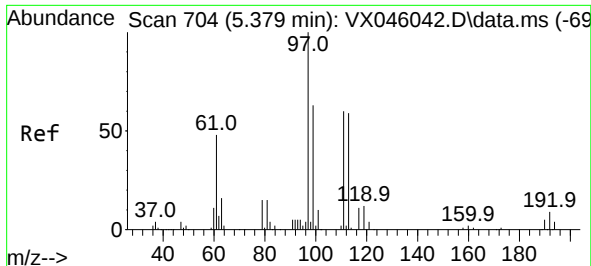
Tgt Ion: 65 Resp: 64672
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046063.D
 Acq: 06 May 2025 14:58

Tgt Ion: 114 Resp: 128748
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 49.2
 88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.855 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046063.D

Acq: 06 May 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB167852ZHE#04

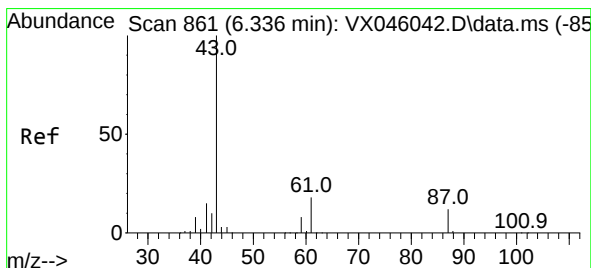
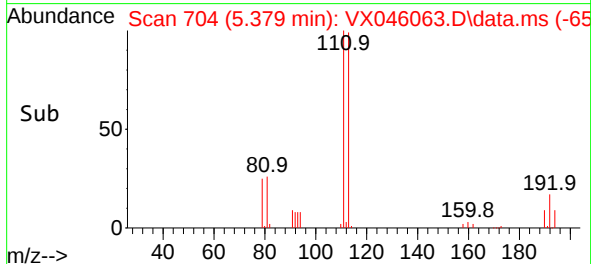
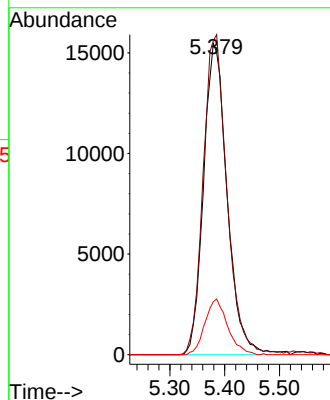
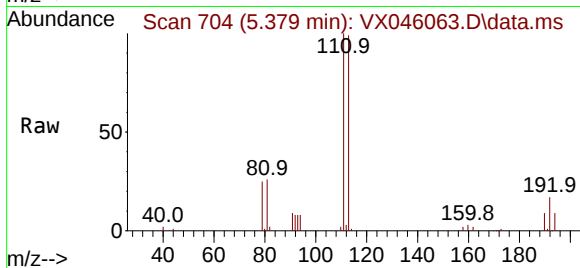
Tgt Ion:113 Resp: 46222

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 17.2 13.3 19.9



#43

Isopropyl Acetate

Concen: 5.179 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046063.D

Acq: 06 May 2025 14:58

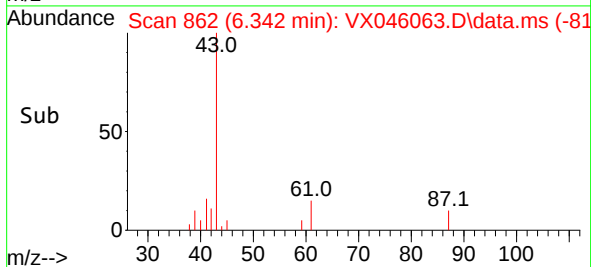
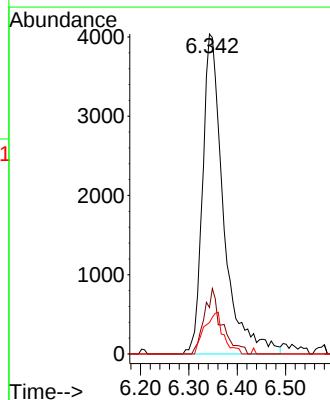
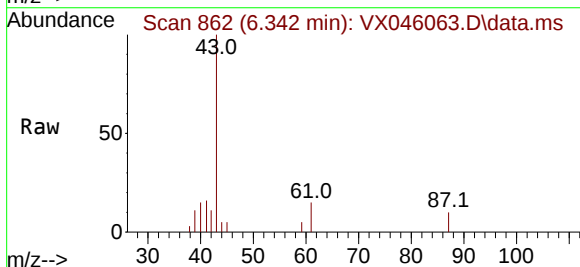
Tgt Ion: 43 Resp: 12159

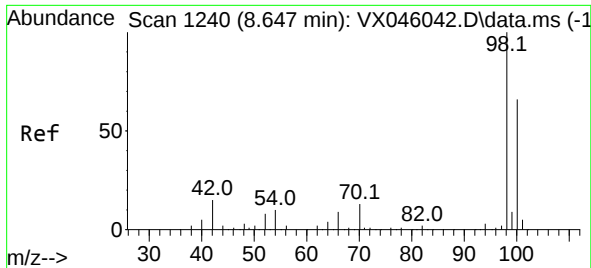
Ion Ratio Lower Upper

43 100

61 17.1 14.3 21.5

87 11.7 9.5 14.3

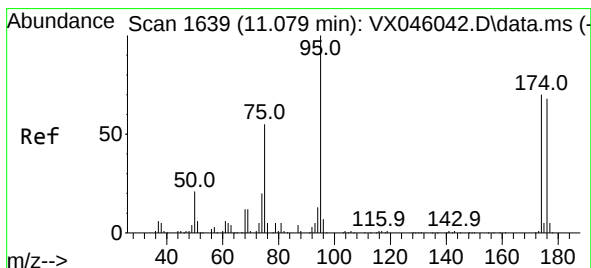
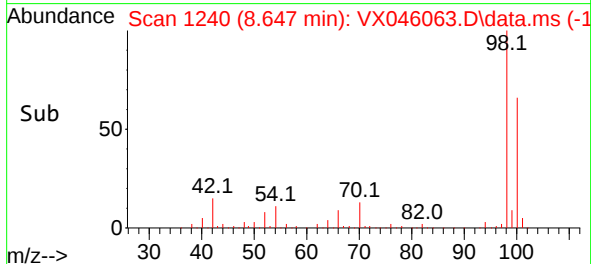
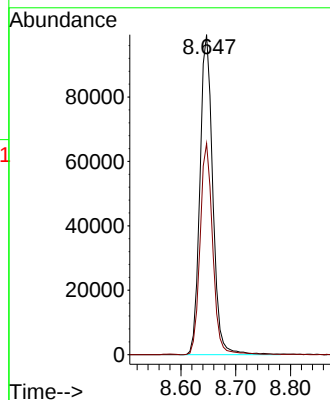
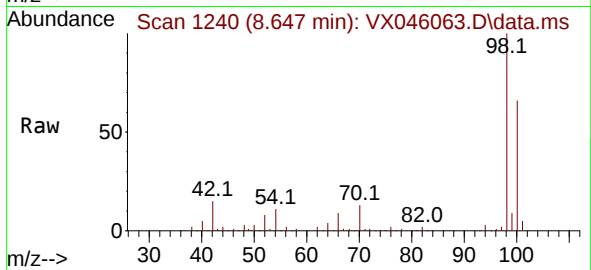




#50
Toluene-d8
Concen: 50.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

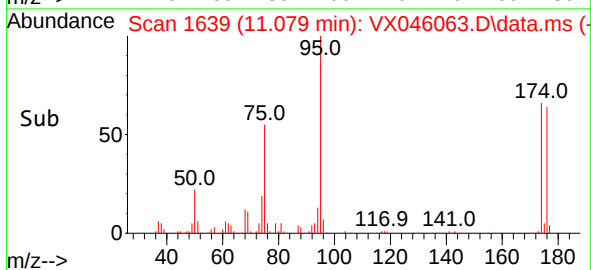
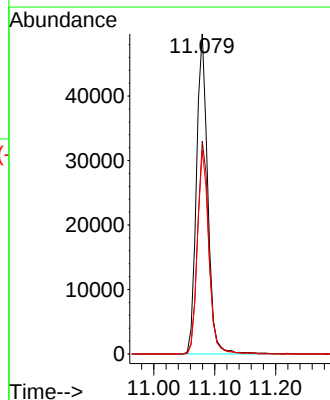
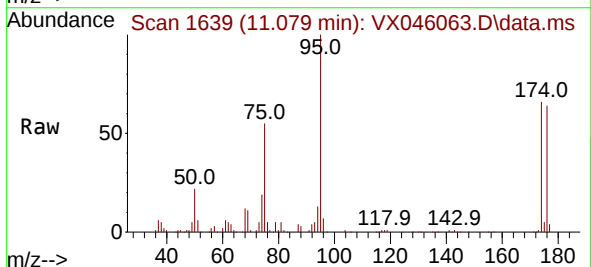
Instrument :
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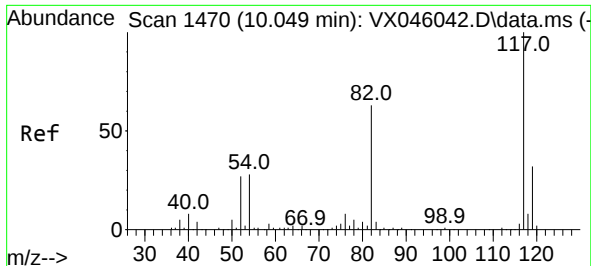
Tgt Ion: 98 Resp: 162013
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

Tgt Ion: 95 Resp: 63484
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.3 0.0 131.4

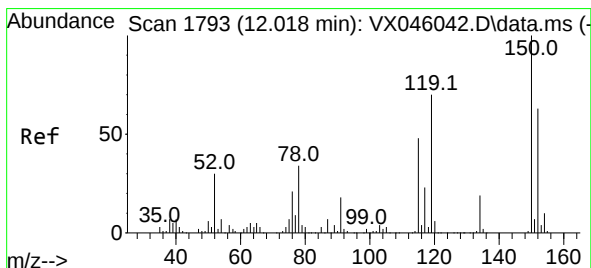
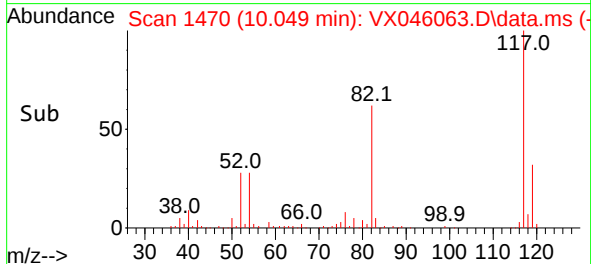
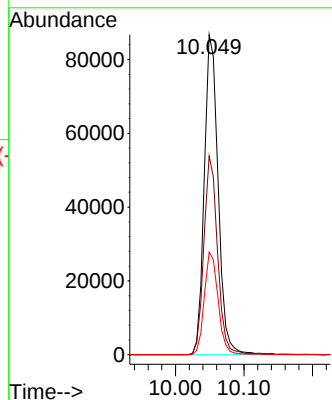
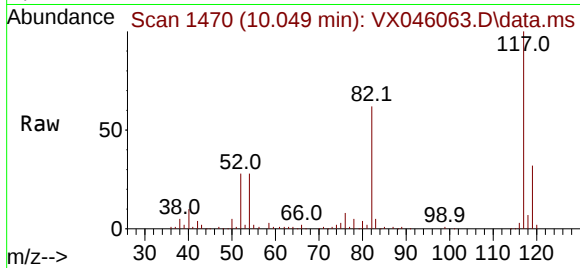




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#04

Tgt Ion:117 Resp: 122702
Ion Ratio Lower Upper
117 100
82 62.1 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# 1793
Delta R.T. 0.000 min
Lab File: VX046063.D
Acq: 06 May 2025 14:58

Tgt Ion:152 Resp: 51734
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 159.1 0.0 351.0

