

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045923.D
 Acq On : 24 Apr 2025 13:37
 Operator : JC/MD
 Sample : PB167707ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167707ZHE#04

Quant Time: Apr 25 02:26:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

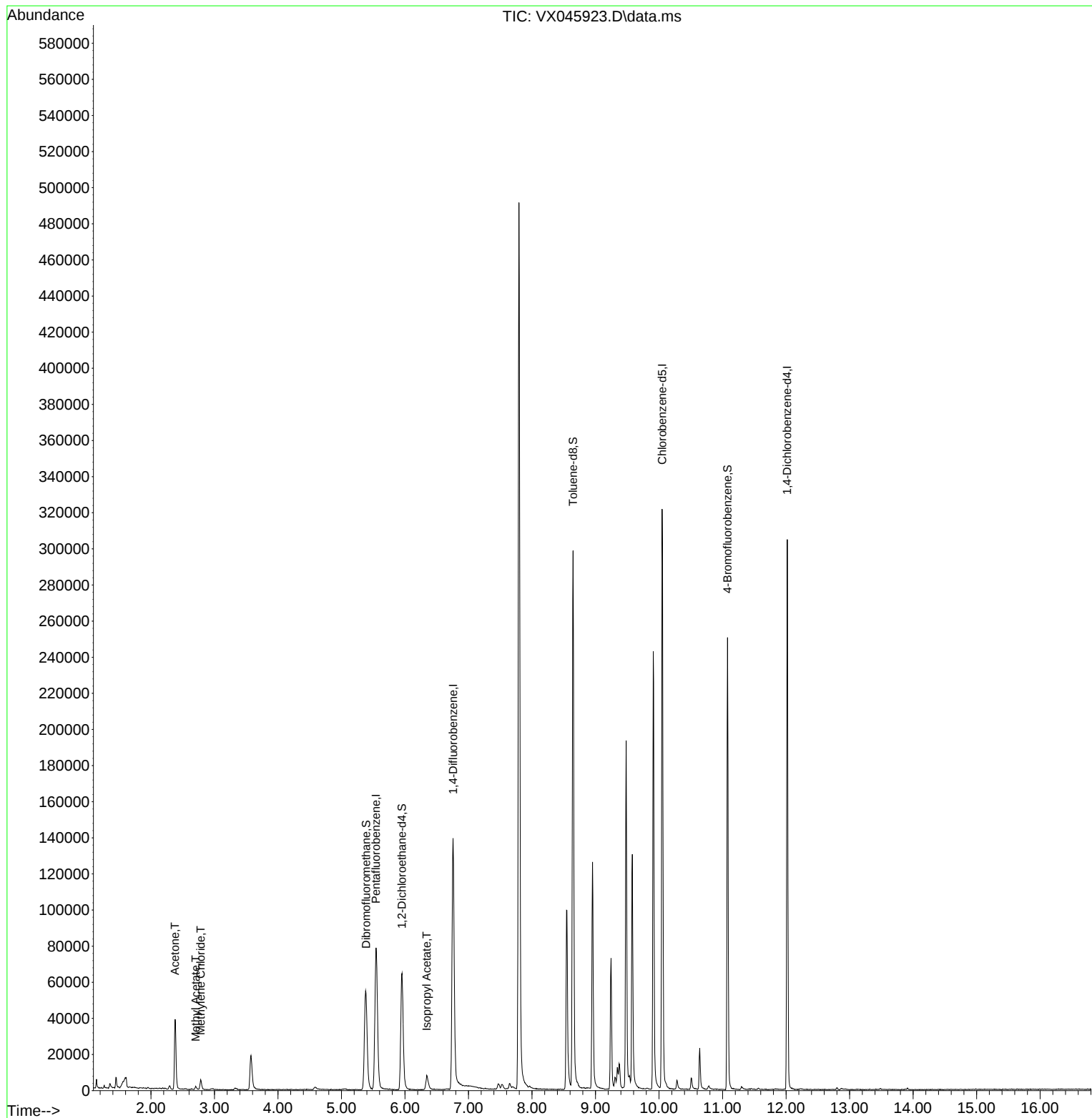
Internal Standards						
1) Pentafluorobenzene	5.544	168	66751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67854	55.586	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.180%	
35) Dibromofluoromethane	5.385	113	49035	52.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.220%	
50) Toluene-d8	8.647	98	172861	52.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	11.079	95	63821	53.348	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	44304	88.386	ug/l	97
18) Methyl Acetate	2.703	43	1963	1.701	ug/l	100
20) Methylene Chloride	2.782	84	2353	2.507	ug/l	88
43) Isopropyl Acetate	6.342	43	11790	4.859	ug/l	97

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

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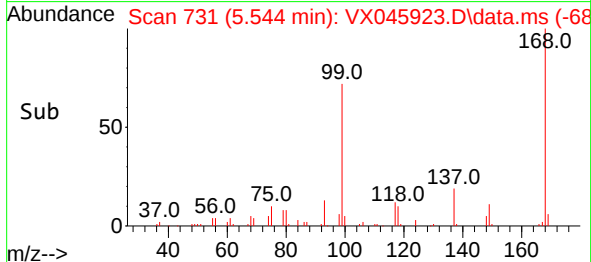
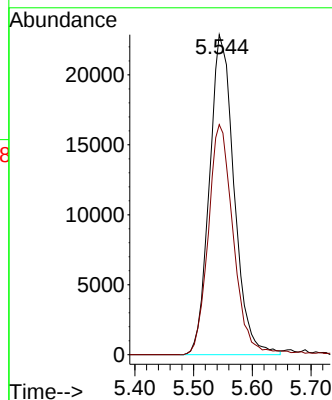
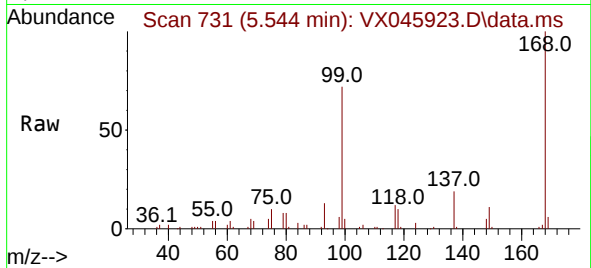




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

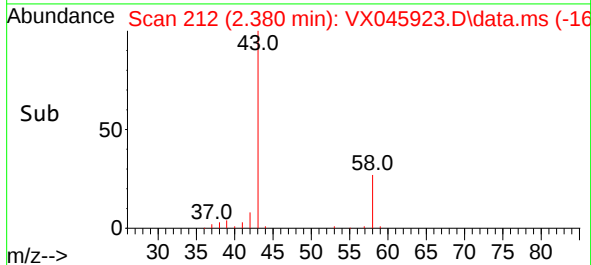
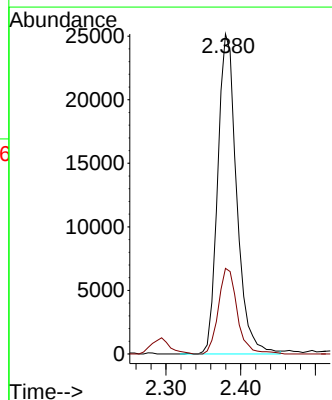
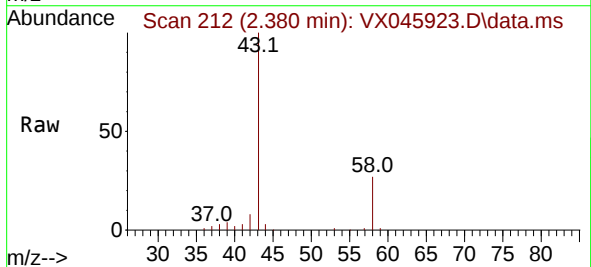
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#04

Tgt Ion:168 Resp: 66751
Ion Ratio Lower Upper
168 100
99 71.9 52.3 78.5



#16
Acetone
Concen: 88.386 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

Tgt Ion: 43 Resp: 44304
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5

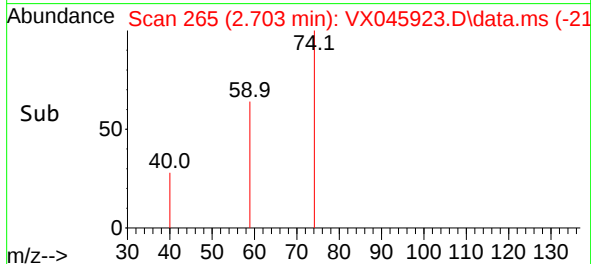
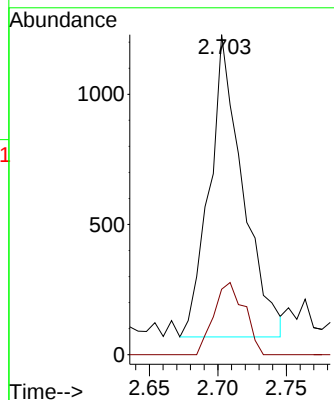
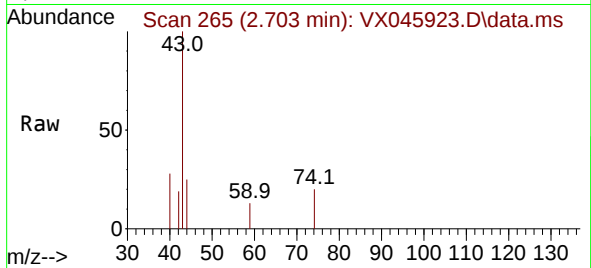




#18
Methyl Acetate
Concen: 1.701 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

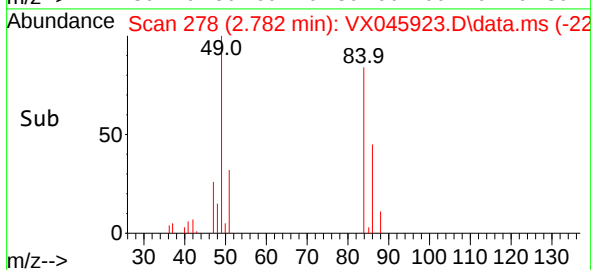
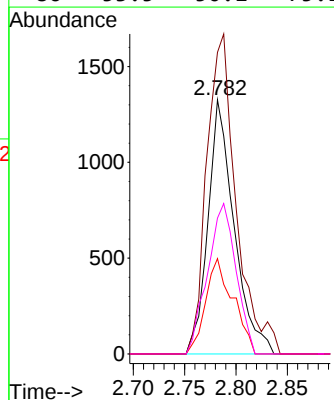
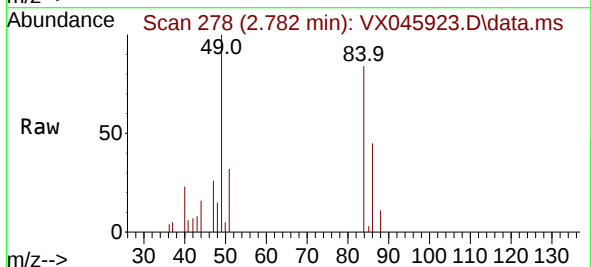
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#04

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 2.507 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

Tgt Ion: 84 Resp: 2353
Ion Ratio Lower Upper
84 100
49 118.7 107.5 161.3
51 37.6 33.0 49.6
86 53.5 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.586 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045923.D

Acq: 24 Apr 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

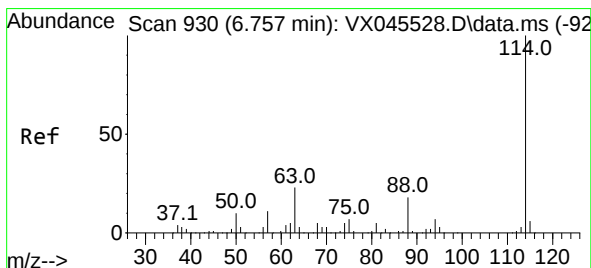
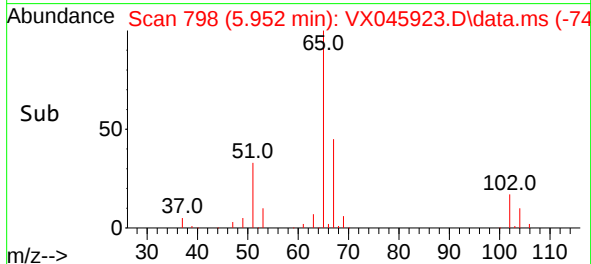
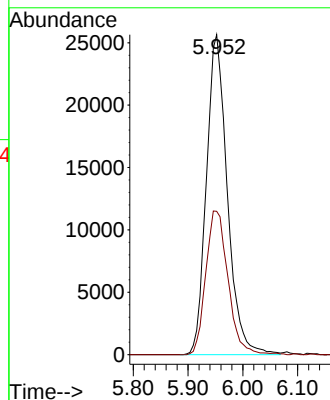
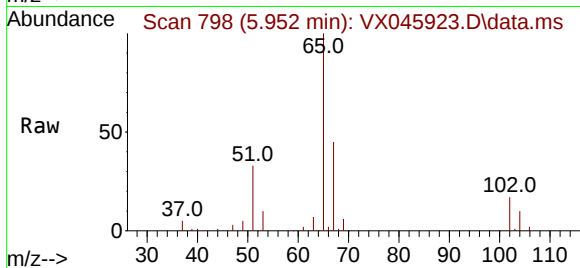
PB167707ZHE#04

Tgt Ion: 65 Resp: 67854

Ion Ratio Lower Upper

65 100

67 47.9 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: VX045923.D

Acq: 24 Apr 2025 13:37

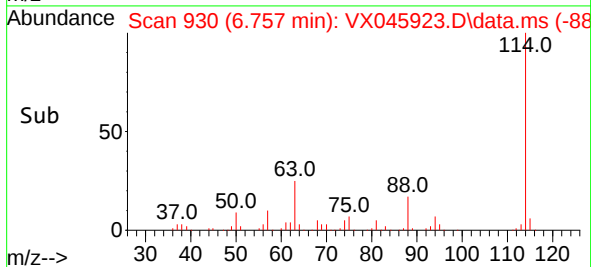
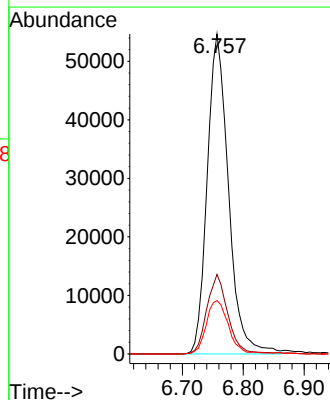
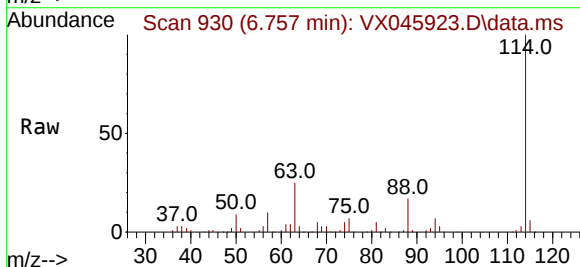
Tgt Ion: 114 Resp: 132622

Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.112 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045923.D

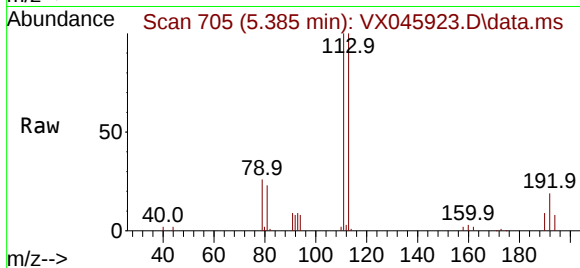
Acq: 24 Apr 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

PB167707ZHE#04



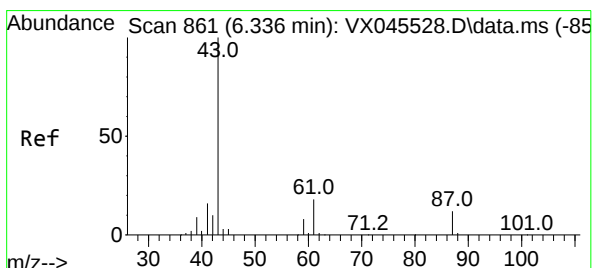
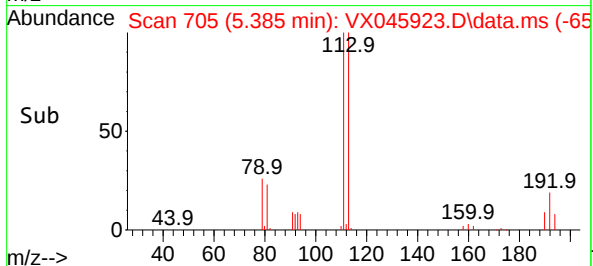
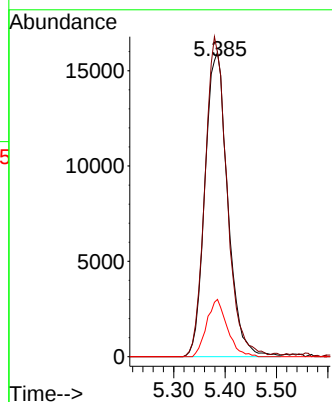
Tgt Ion:113 Resp: 49035

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

192 17.0 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.859 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045923.D

Acq: 24 Apr 2025 13:37

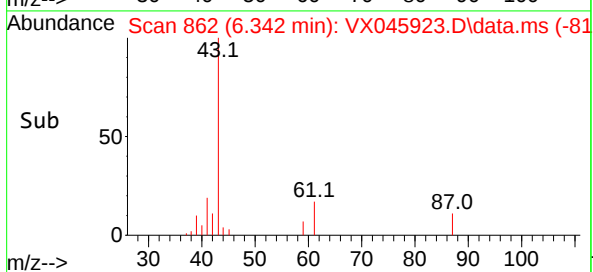
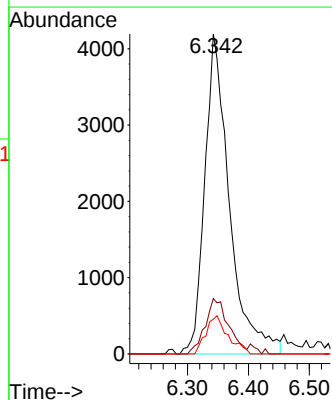
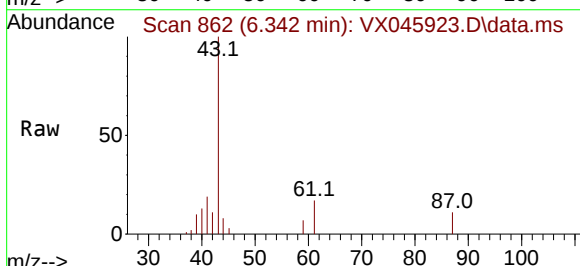
Tgt Ion: 43 Resp: 11790

Ion Ratio Lower Upper

43 100

61 16.4 14.1 21.1

87 10.5 9.2 13.8

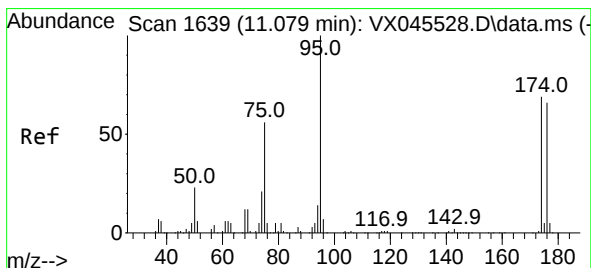
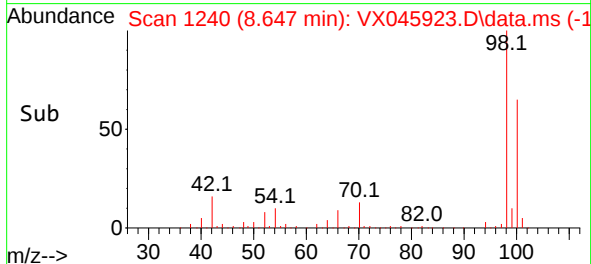
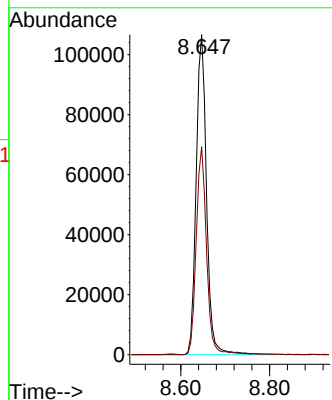
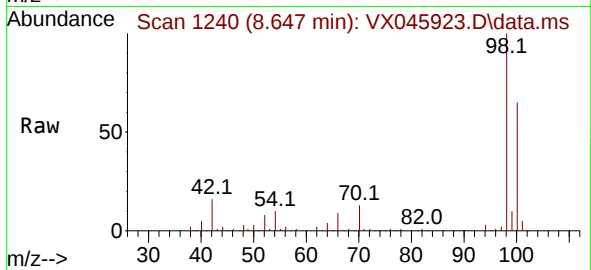




#50
Toluene-d8
Concen: 52.633 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

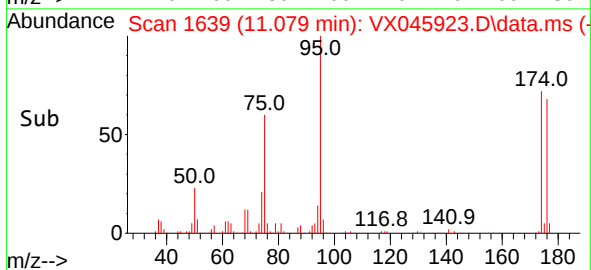
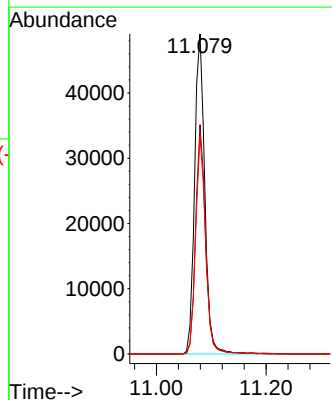
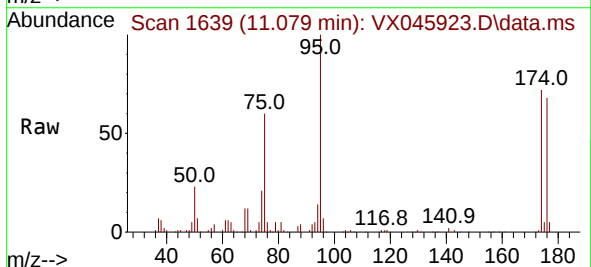
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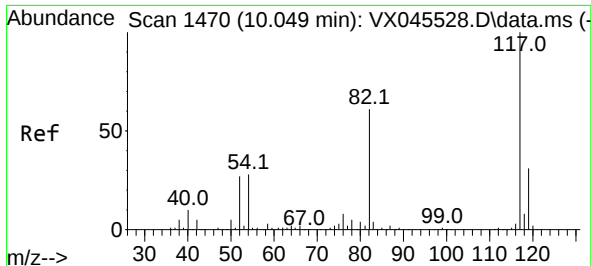
Tgt Ion: 98 Resp: 172861
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

Tgt Ion: 95 Resp: 63821
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.8
176 66.3 0.0 131.4

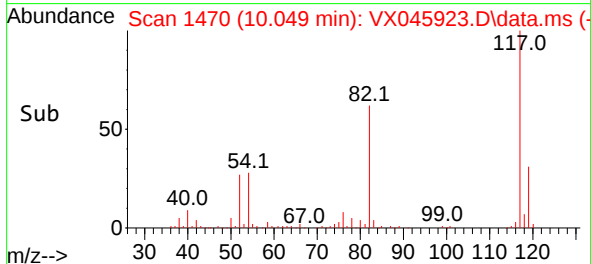
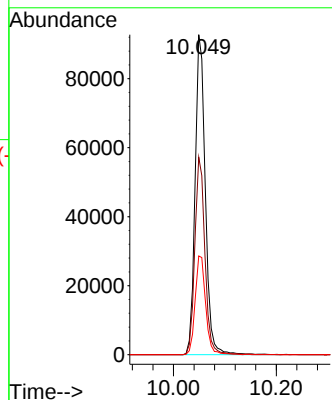
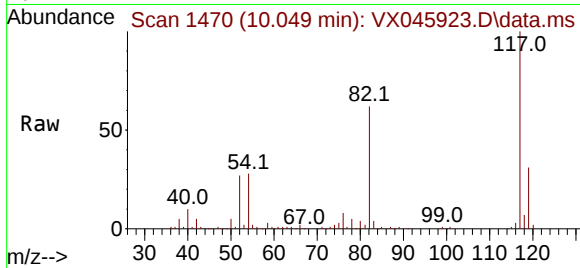




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#04

Tgt Ion:117 Resp: 128059
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045923.D
Acq: 24 Apr 2025 13:37

Tgt Ion:152 Resp: 54029
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.5 0.0 349.4

