

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045887.D
 Acq On : 22 Apr 2025 16:03
 Operator : JC/MD
 Sample : PB167661ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#08

Quant Time: Apr 23 01:35:16 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)

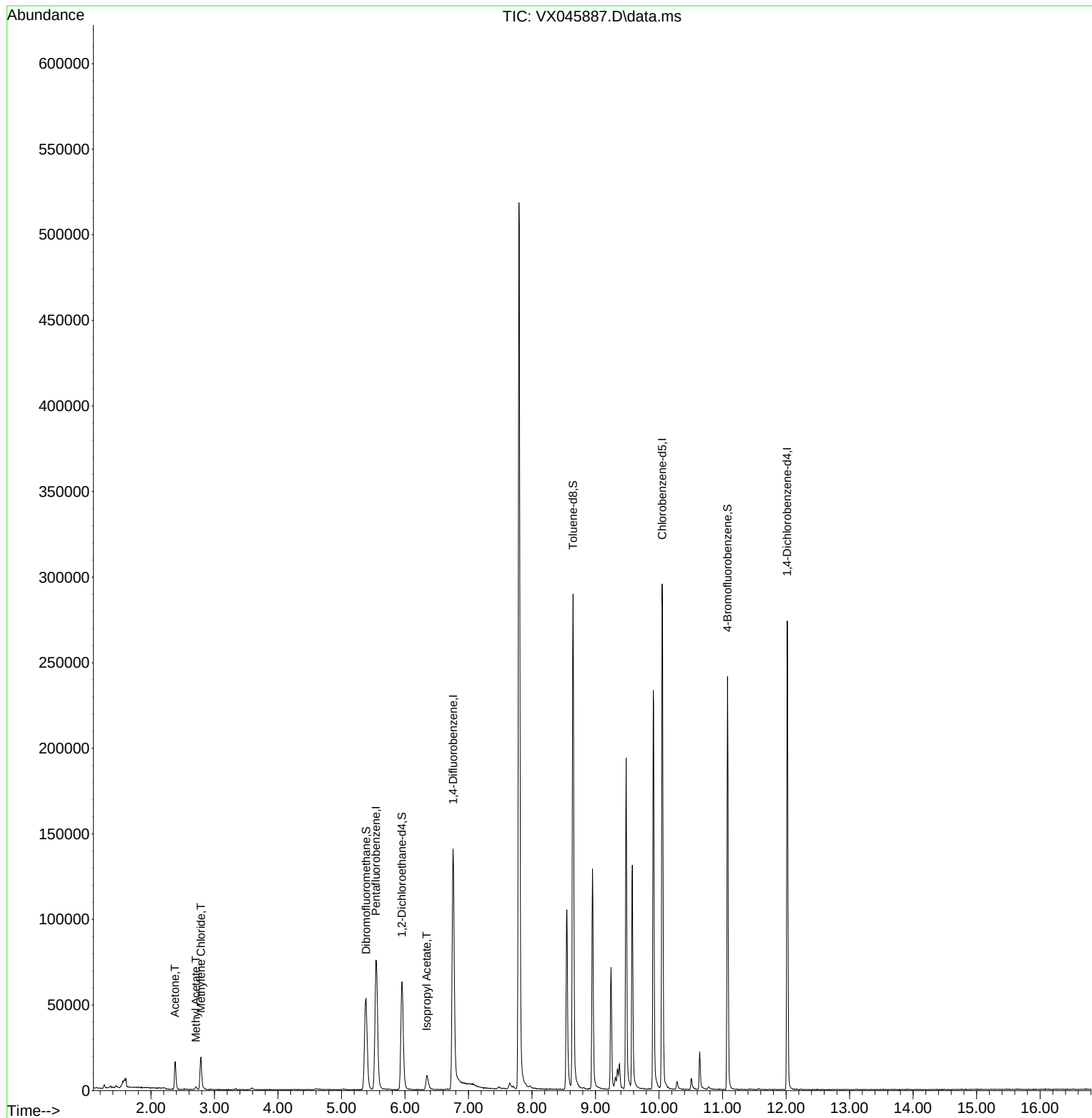
Internal Standards						
1) Pentafluorobenzene	5.544	168	65350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66298	55.476	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 110.960%	
35) Dibromofluoromethane	5.385	113	47170	50.471	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 100.940%	
50) Toluene-d8	8.647	98	167081	51.218	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 102.440%	
62) 4-Bromofluorobenzene	11.079	95	62138	52.294	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121		Recovery	= 104.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17764	36.199	ug/l	100
18) Methyl Acetate	2.709	43	2293	2.029	ug/l	96
20) Methylene Chloride	2.788	84	8627	9.390	ug/l	98
43) Isopropyl Acetate	6.342	43	13153	5.457	ug/l	98

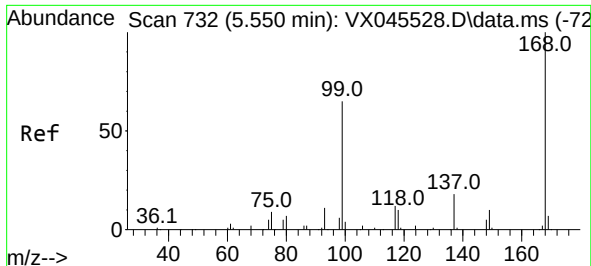
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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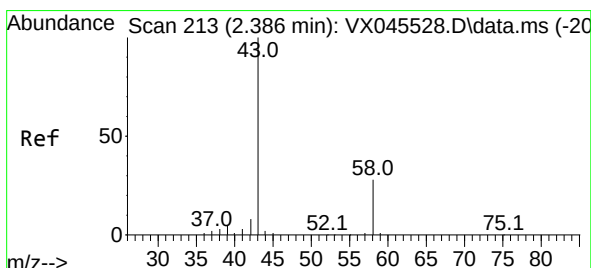
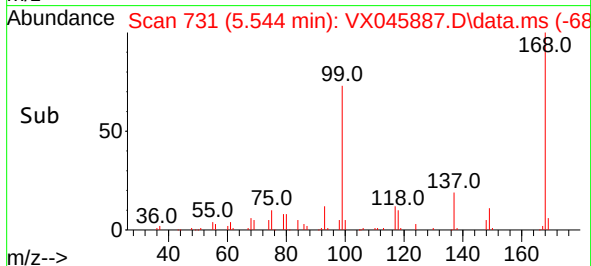
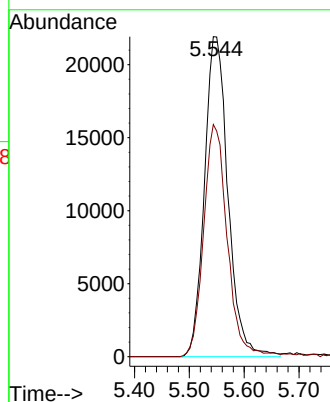
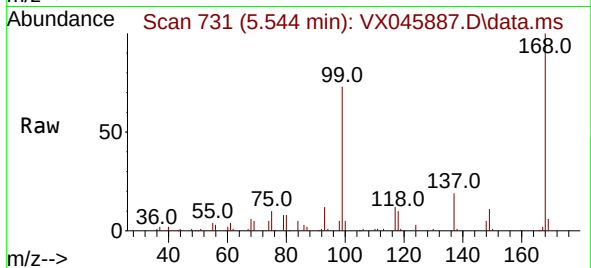




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

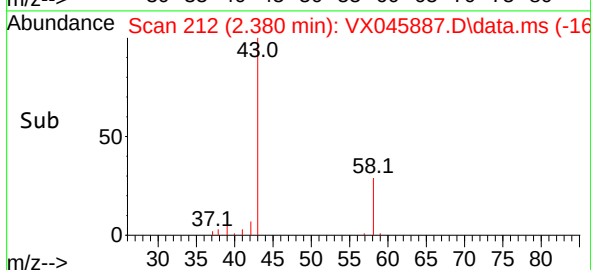
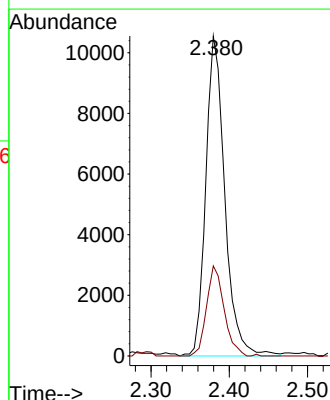
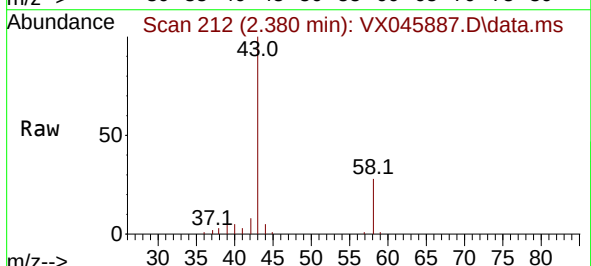
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#08

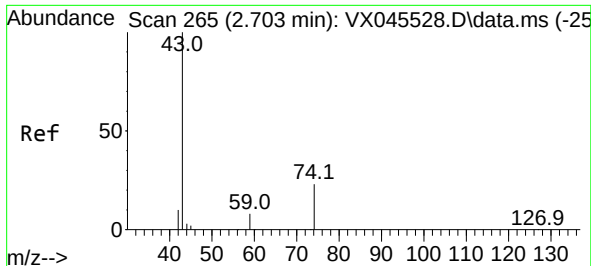
Tgt Ion:168 Resp: 65350
Ion Ratio Lower Upper
168 100
99 72.5 52.3 78.5



#16
Acetone
Concen: 36.199 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 43 Resp: 17764
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5

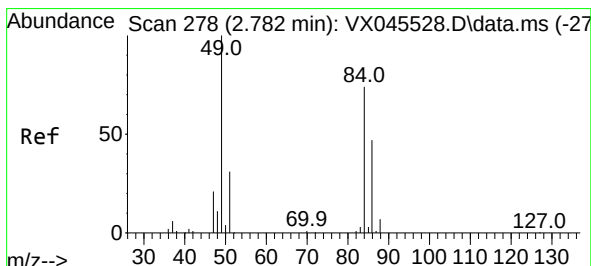
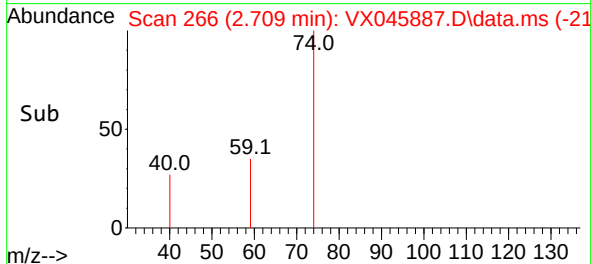
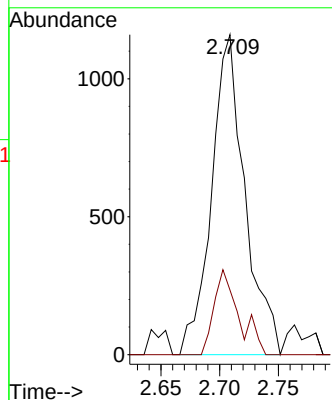
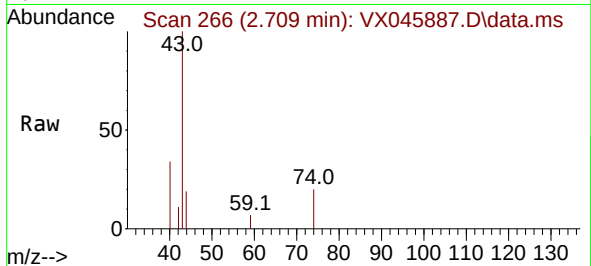




#18
Methyl Acetate
Concen: 2.029 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

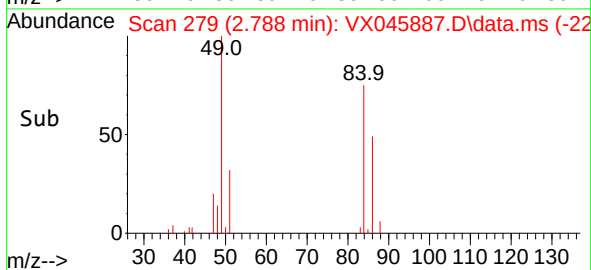
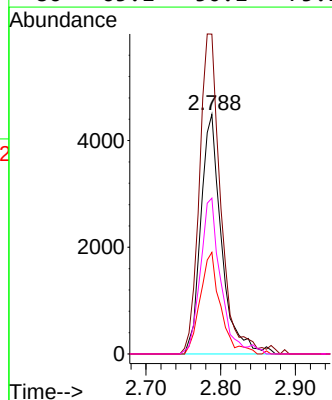
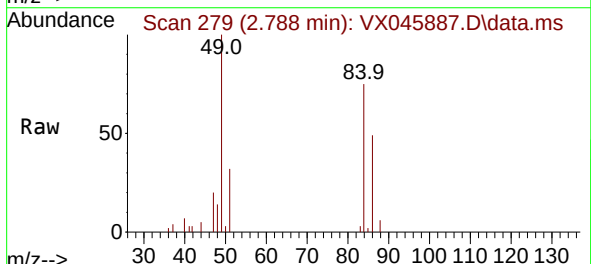
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#08

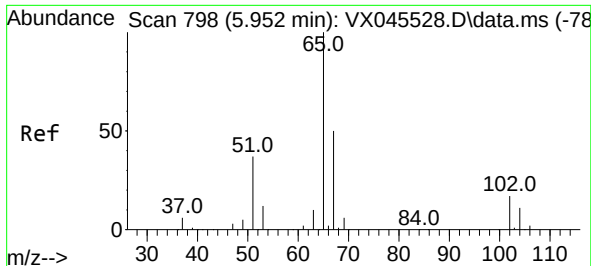
Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3



#20
Methylene Chloride
Concen: 9.390 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 84 Resp: 8627
Ion Ratio Lower Upper
84 100
49 133.6 107.5 161.3
51 42.4 33.0 49.6
86 65.1 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.476 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045887.D

Acq: 22 Apr 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

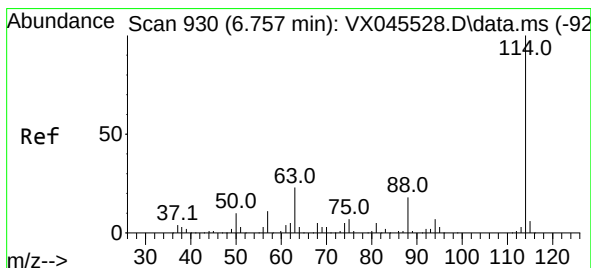
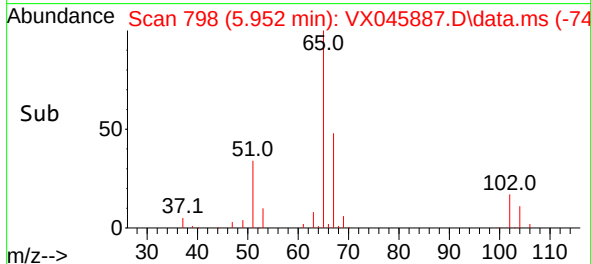
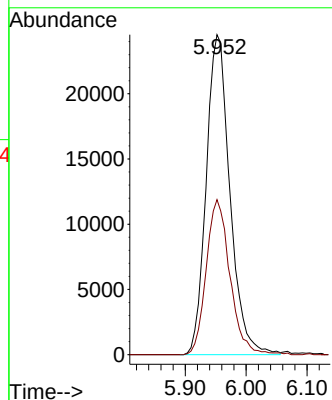
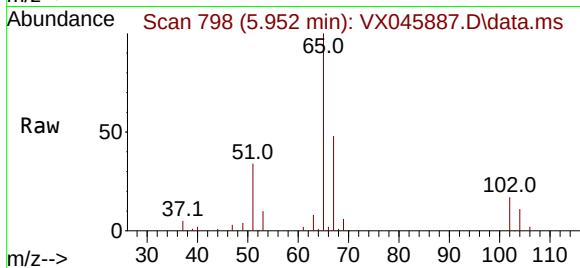
PB167661ZHE#08

Tgt Ion: 65 Resp: 66298

Ion Ratio Lower Upper

65 100

67 48.6 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: VX045887.D

Acq: 22 Apr 2025 16:03

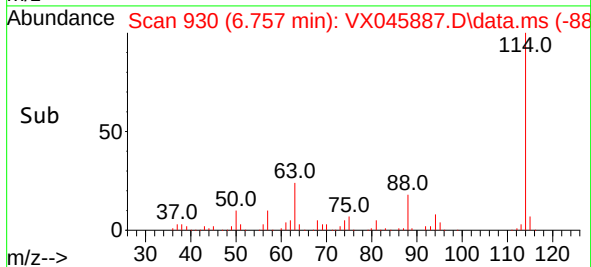
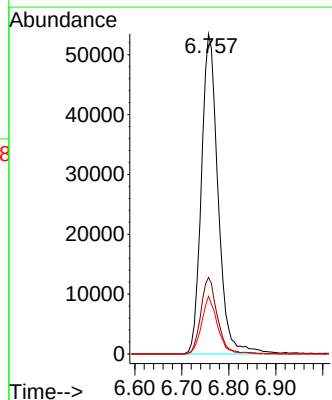
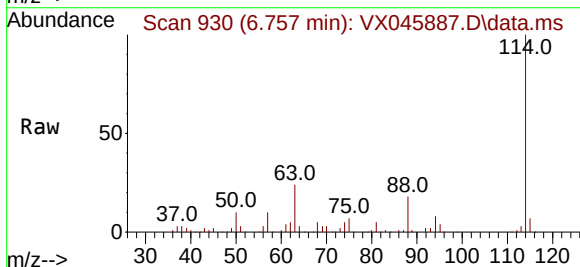
Tgt Ion: 114 Resp: 131727

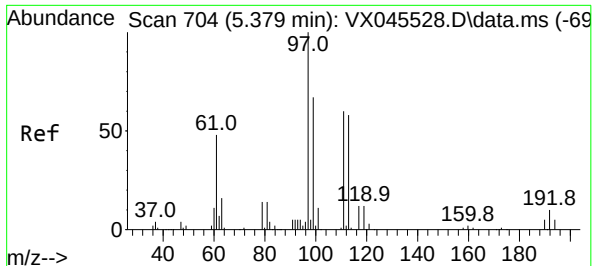
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 18.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.471 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045887.D

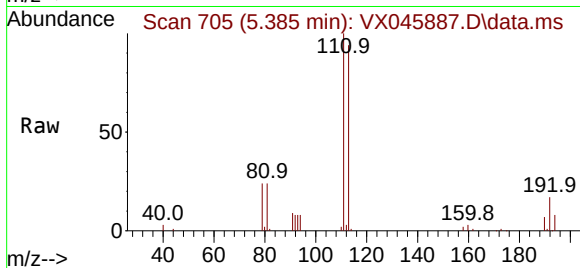
Acq: 22 Apr 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

PB167661ZHE#08



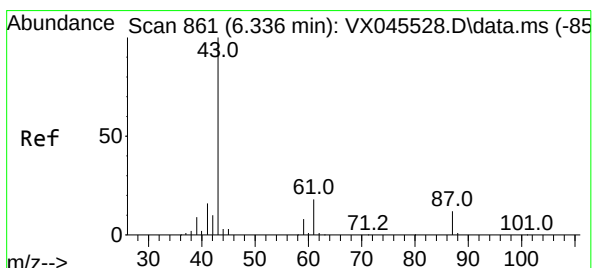
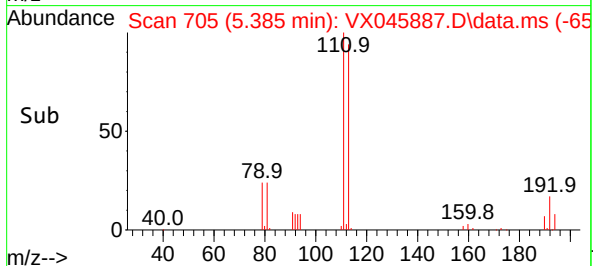
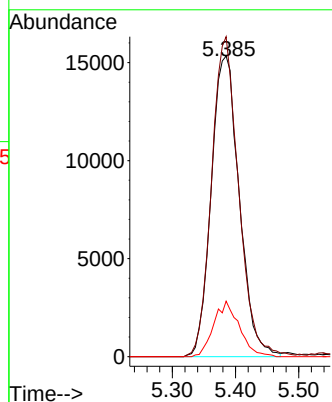
Tgt Ion:113 Resp: 47170

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 16.9 13.8 20.6



#43

Isopropyl Acetate

Concen: 5.457 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045887.D

Acq: 22 Apr 2025 16:03

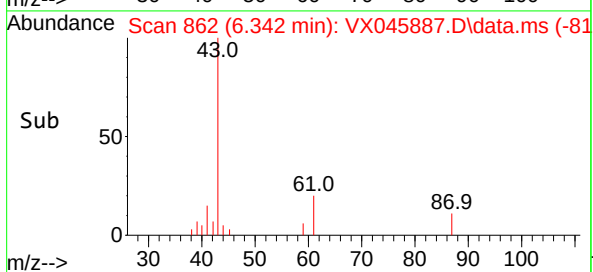
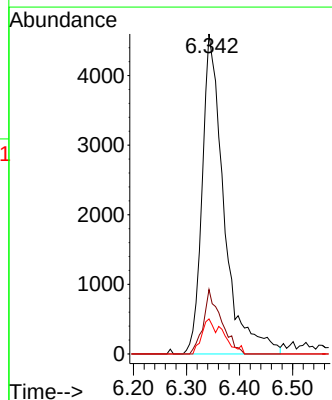
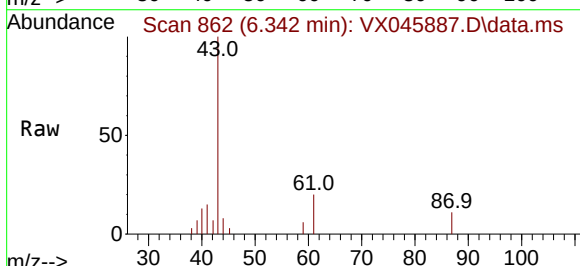
Tgt Ion: 43 Resp: 13153

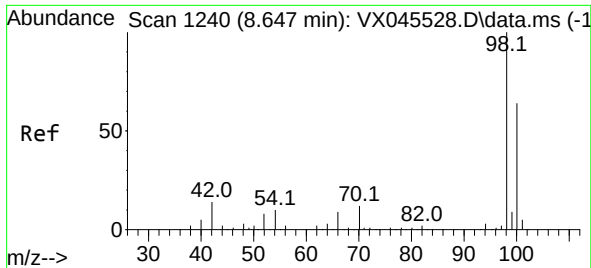
Ion Ratio Lower Upper

43 100

61 16.5 14.1 21.1

87 10.7 9.2 13.8

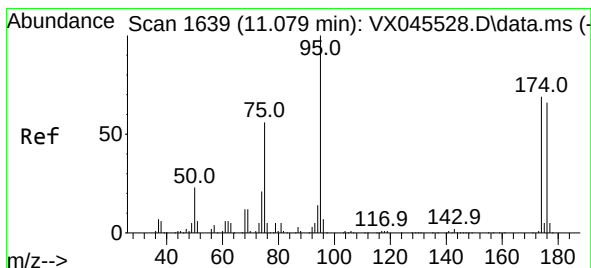
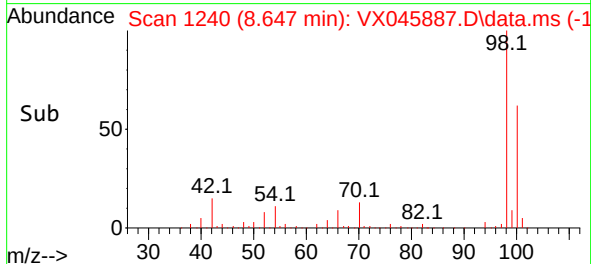
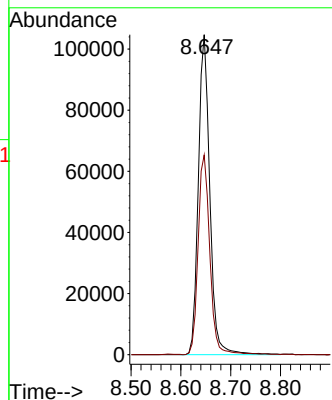
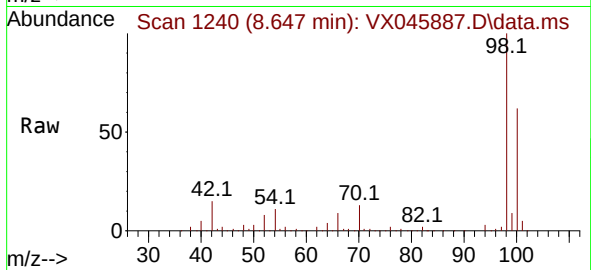




#50
Toluene-d8
Concen: 51.218 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

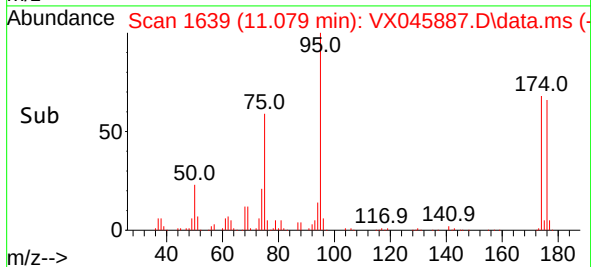
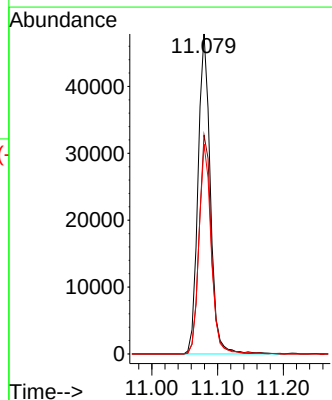
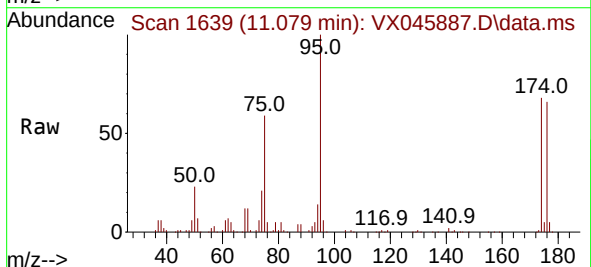
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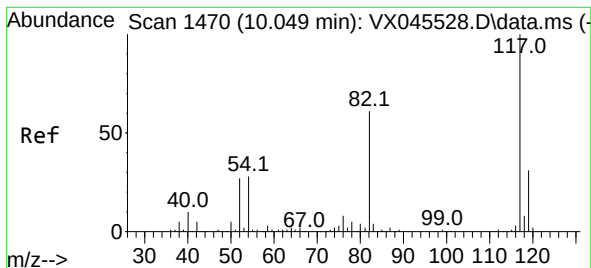
Tgt Ion: 98 Resp: 167081
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045887.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 95 Resp: 62138
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.4 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: VX045887.D

Acq: 22 Apr 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

PB167661ZHE#08

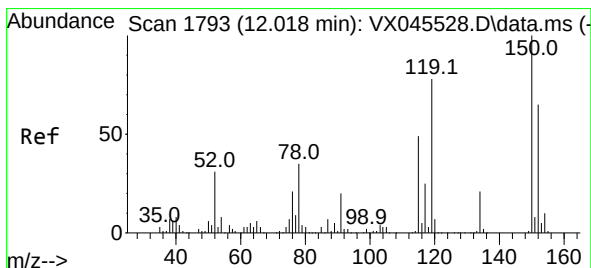
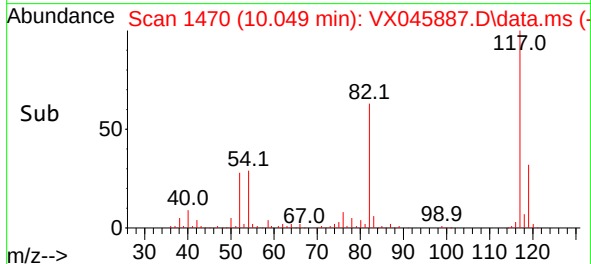
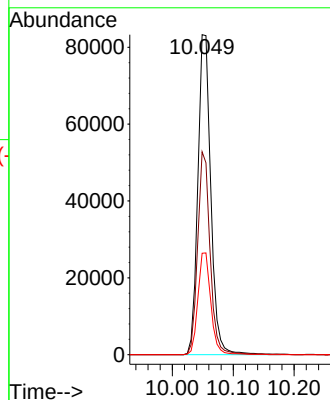
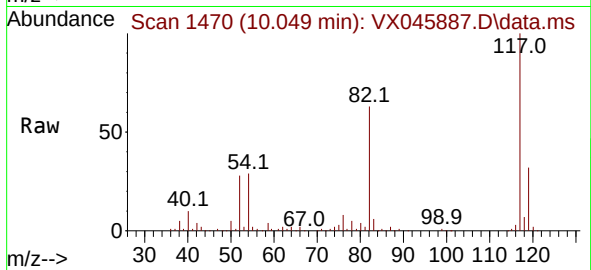
Tgt Ion:117 Resp: 122810

Ion Ratio Lower Upper

117 100

82 63.4 49.2 73.8

119 31.7 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: VX045887.D

Acq: 22 Apr 2025 16:03

Tgt Ion:152 Resp: 51484

Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 157.1 0.0 349.4

