

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045702.D
 Acq On : 10 Apr 2025 16:32
 Operator : JC/MD
 Sample : PB167534ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#08

Quant Time: Apr 11 01:59:33 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)

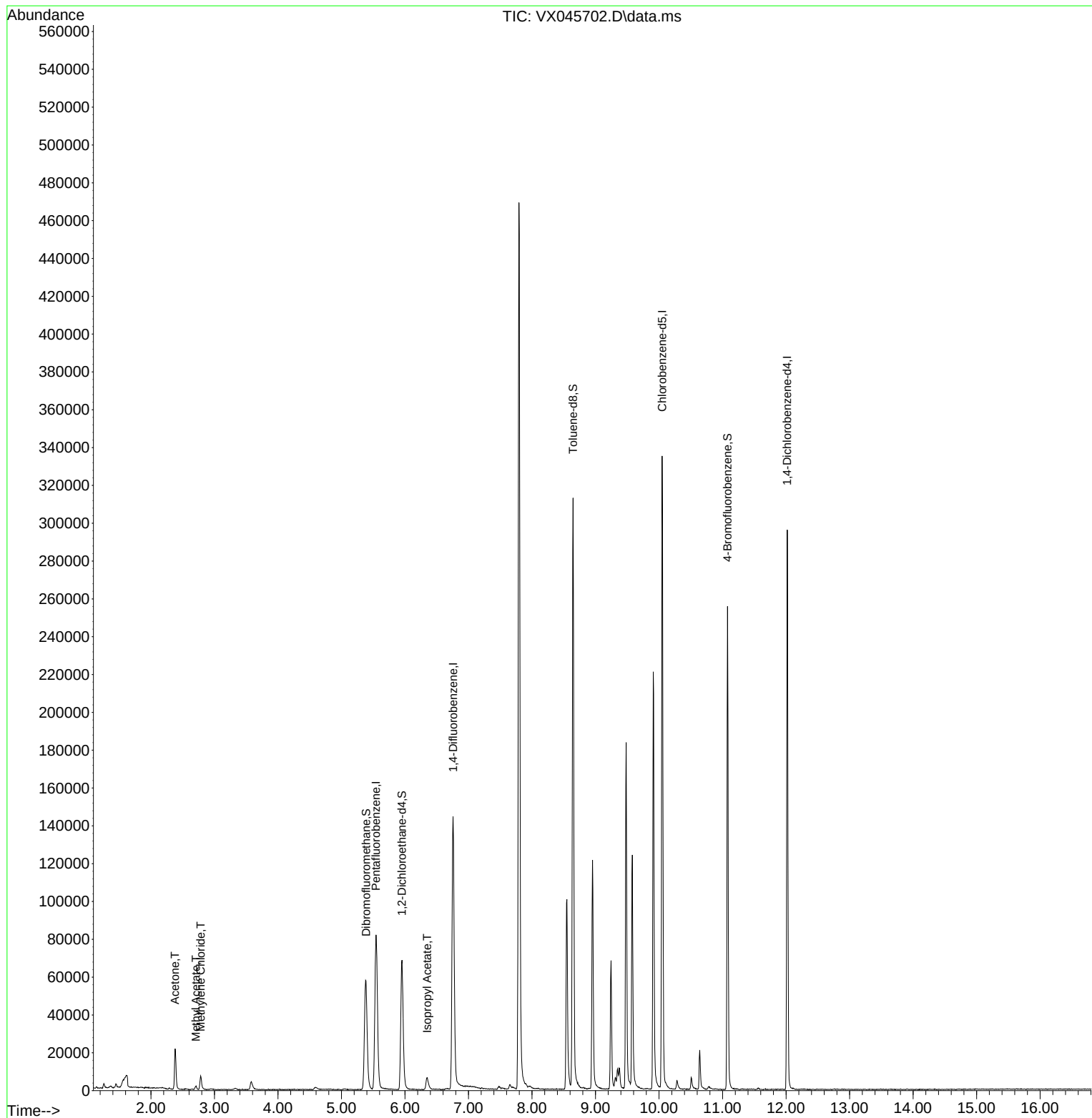
Internal Standards						
1) Pentafluorobenzene	5.544	168	70749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69870	54.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.000%
35) Dibromofluoromethane	5.385	113	51044	51.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	8.647	98	178757	51.718	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	65363	51.917	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.840%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	23547	44.322	ug/l	98
18) Methyl Acetate	2.709	43	2432	1.988	ug/l #	89
20) Methylene Chloride	2.782	84	3154	3.171	ug/l	96
43) Isopropyl Acetate	6.348	43	9396	3.679	ug/l	98

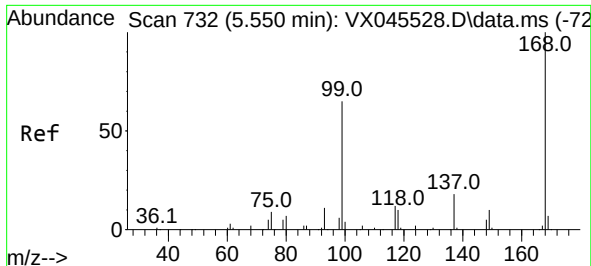
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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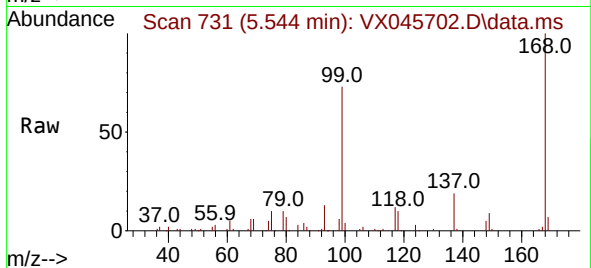
Quant Time: Apr 11 01:59:33 2025
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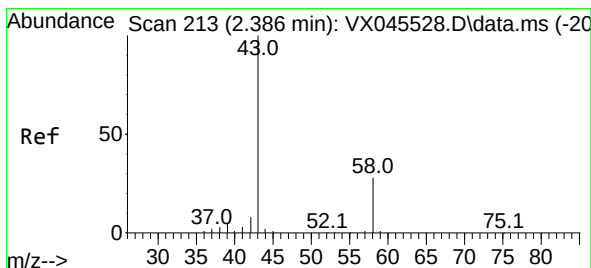
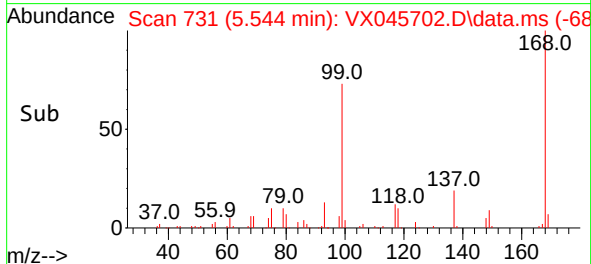
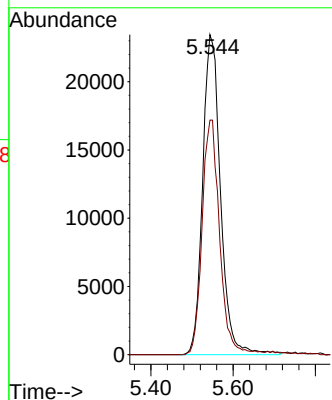


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#08

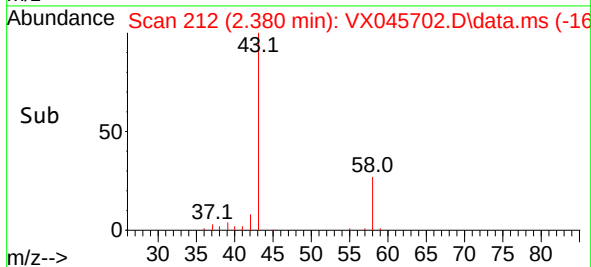
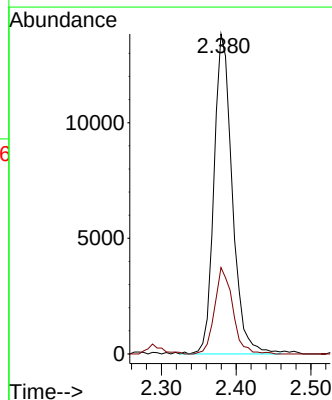
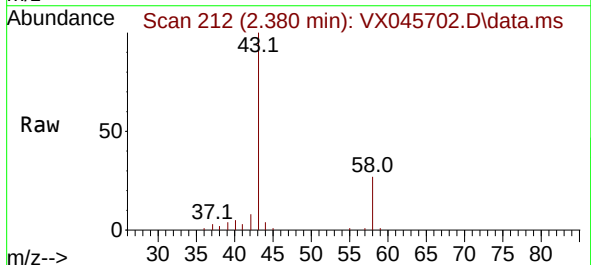


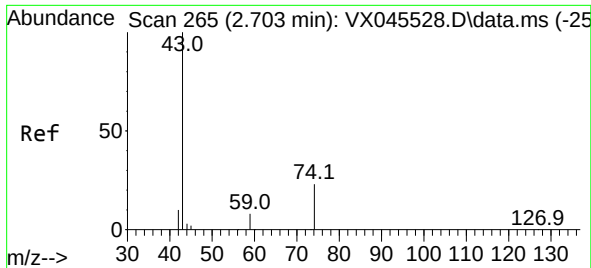
Tgt Ion:168 Resp: 70749
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#16
Acetone
Concen: 44.322 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

Tgt Ion: 43 Resp: 23547
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5

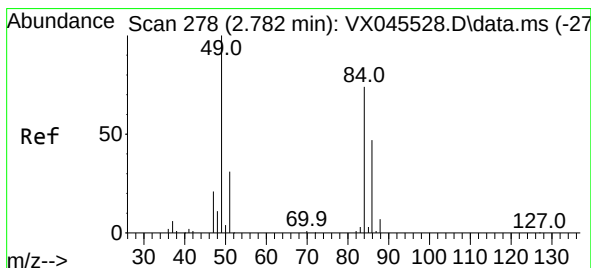
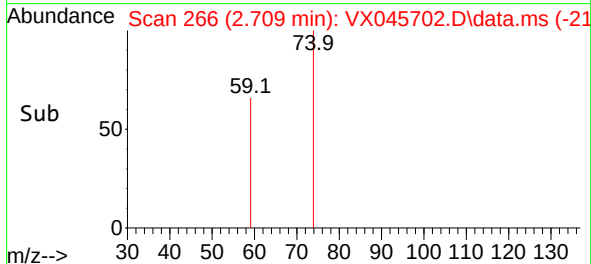
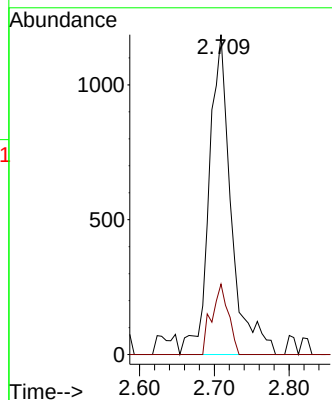
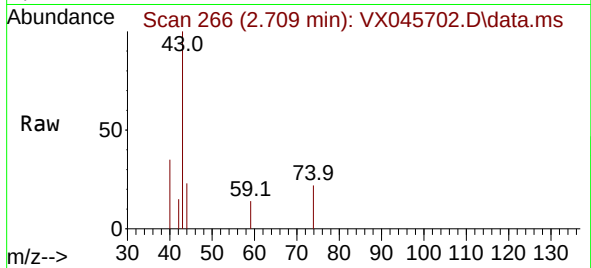




#18
Methyl Acetate
Concen: 1.988 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

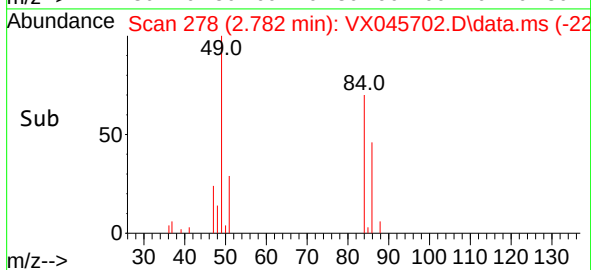
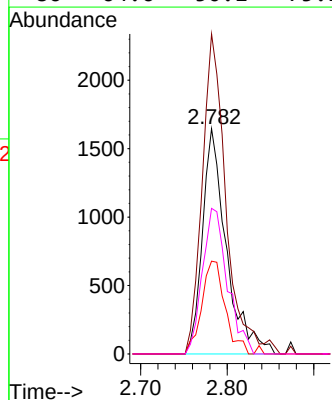
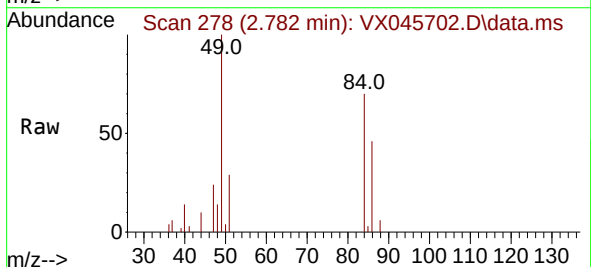
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#08

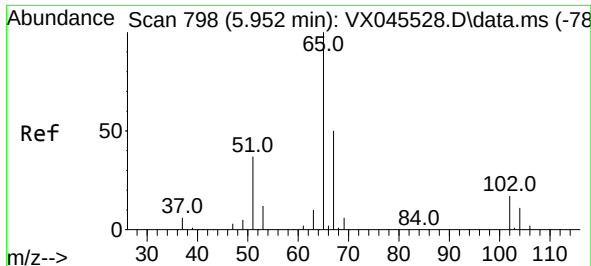
Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
74 16.7 17.5 26.3#



#20
Methylene Chloride
Concen: 3.171 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

Tgt Ion: 84 Resp: 3154
Ion Ratio Lower Upper
84 100
49 142.0 107.5 161.3
51 41.2 33.0 49.6
86 64.6 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.003 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045702.D

Acq: 10 Apr 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

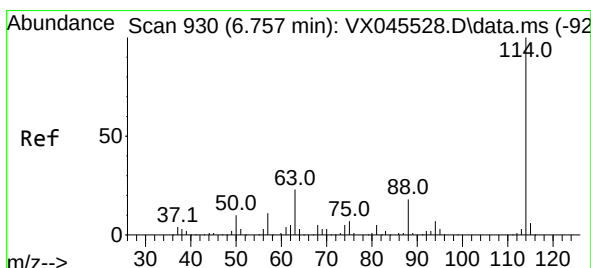
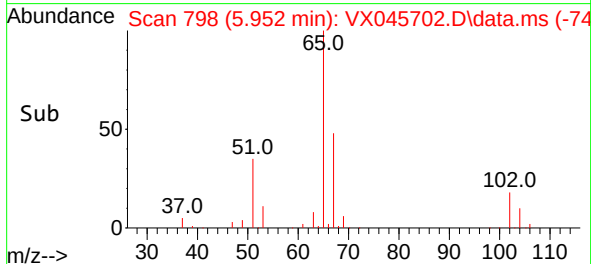
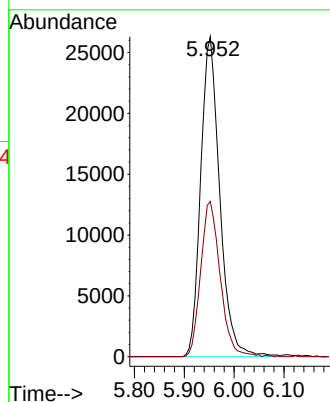
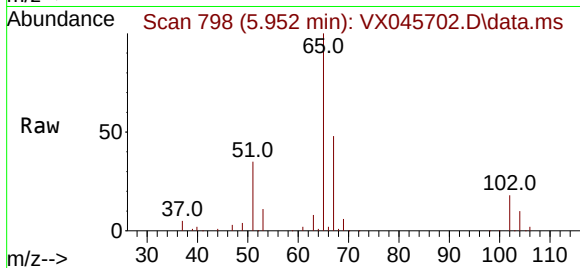
PB167534ZHE#08

Tgt Ion: 65 Resp: 69870

Ion Ratio Lower Upper

65 100

67 49.5 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: VX045702.D

Acq: 10 Apr 2025 16:32

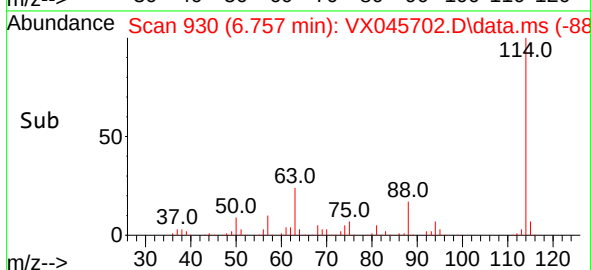
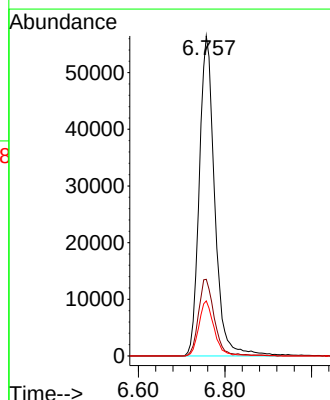
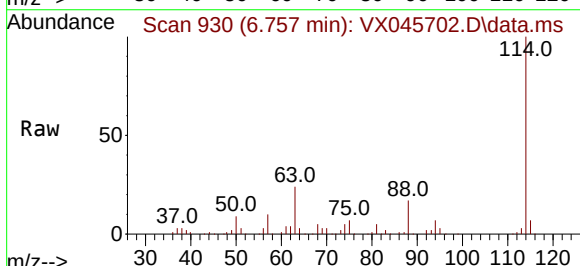
Tgt Ion: 114 Resp: 139571

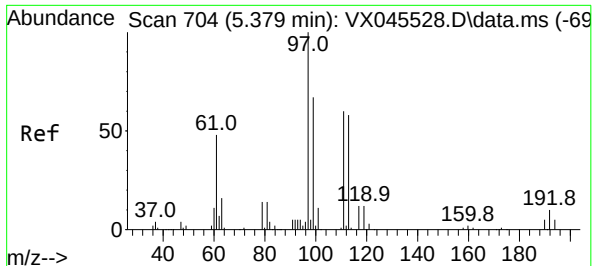
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.546 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045702.D

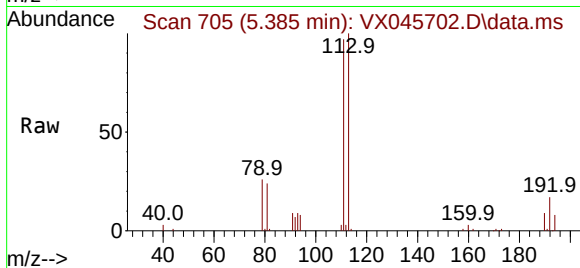
Acq: 10 Apr 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB167534ZHE#08



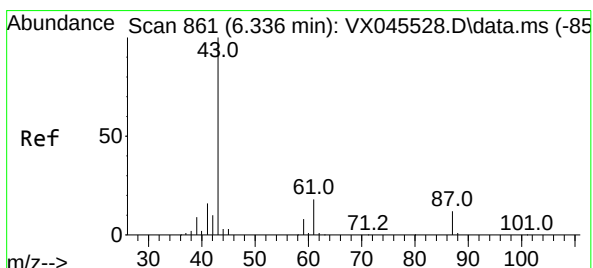
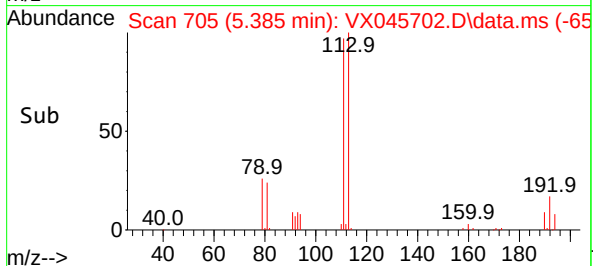
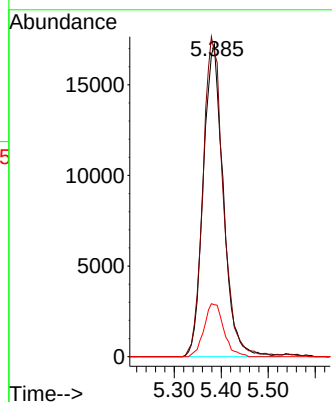
Tgt Ion:113 Resp: 51044

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 16.7 13.8 20.6



#43

Isopropyl Acetate

Concen: 3.679 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045702.D

Acq: 10 Apr 2025 16:32

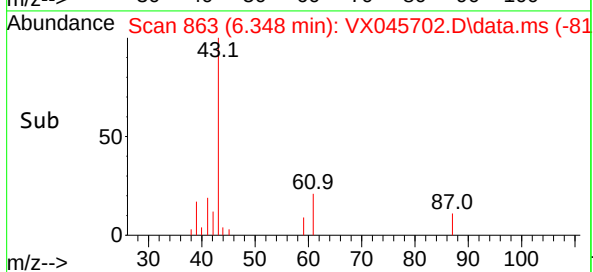
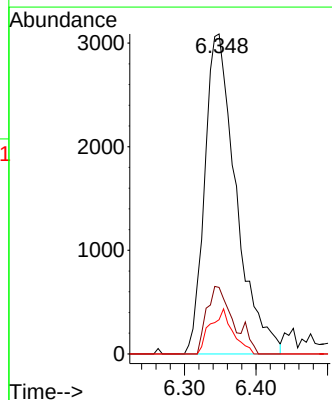
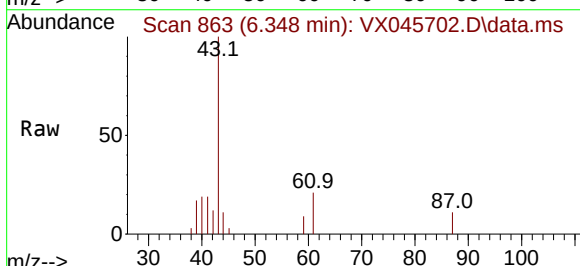
Tgt Ion: 43 Resp: 9396

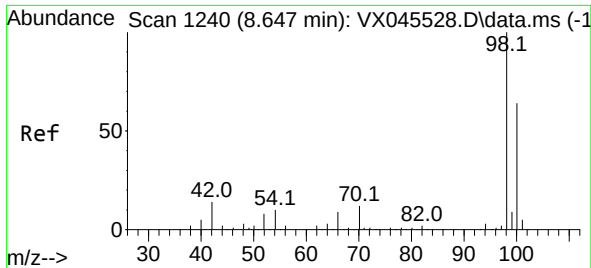
Ion Ratio Lower Upper

43 100

61 18.1 14.1 21.1

87 10.1 9.2 13.8

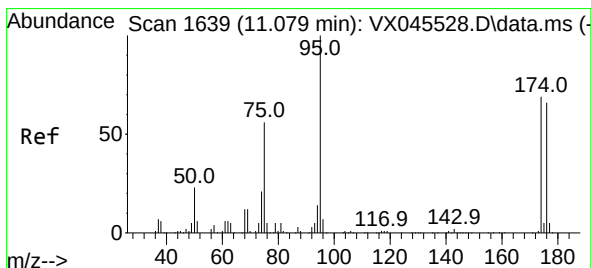
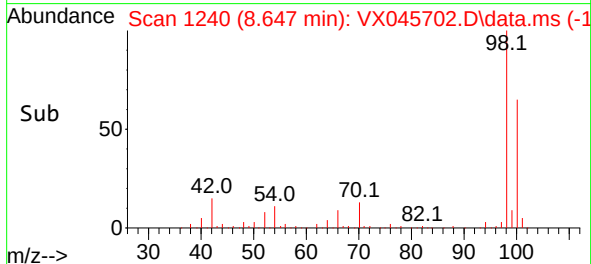
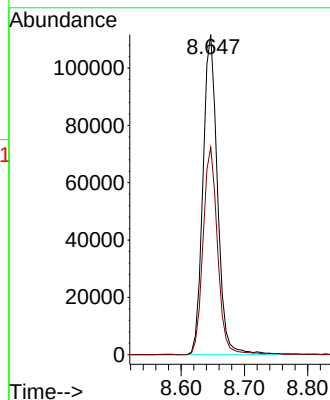
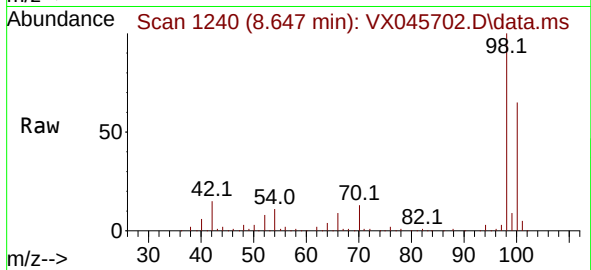




#50
Toluene-d8
Concen: 51.718 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

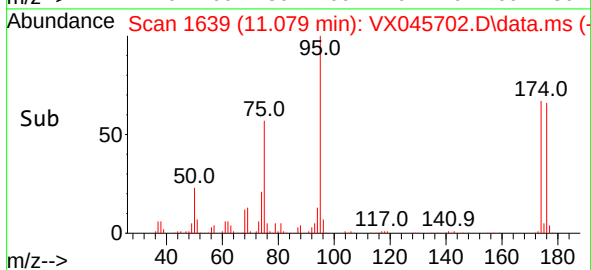
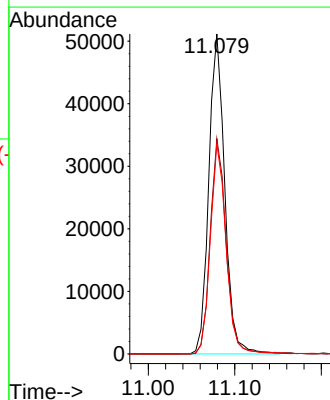
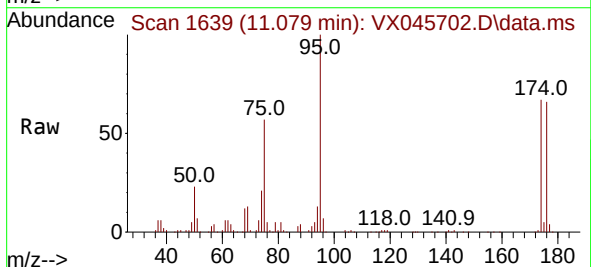
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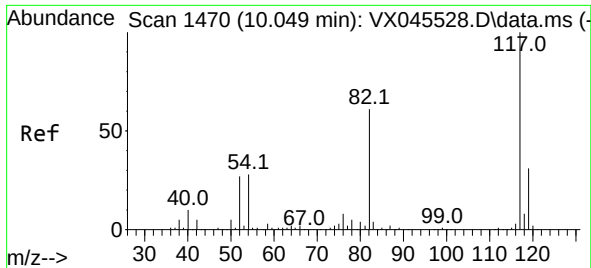
Tgt Ion: 98 Resp: 178757
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

Tgt Ion: 95 Resp: 65363
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.2 0.0 131.4

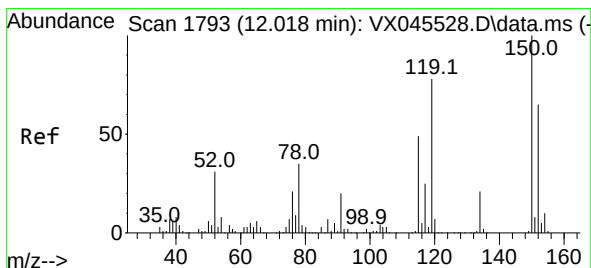
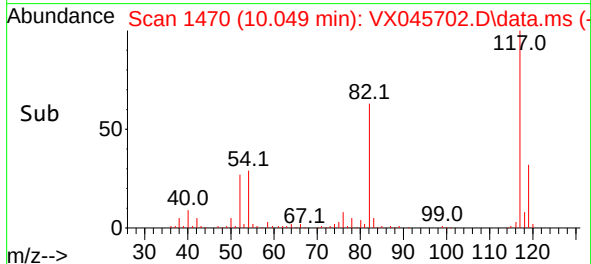
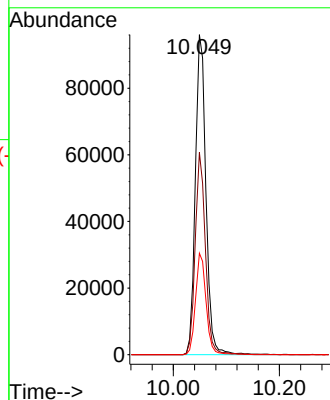
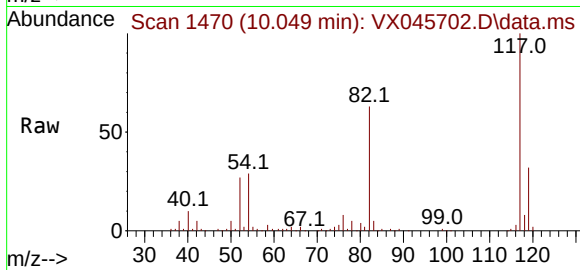




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045702.D
Acq: 10 Apr 2025 16:32

Instrument :
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Tgt Ion:117 Resp: 132817
Ion Ratio Lower Upper
117 100
82 63.2 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: VX045702.D
Acq: 10 Apr 2025 16:32

Tgt Ion:152 Resp: 54023
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 157.3 0.0 349.4

