

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045644.D
 Acq On : 08 Apr 2025 12:05
 Operator : JC/MD
 Sample : PB167492ZHE02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE02

Quant Time: Apr 09 01:35:59 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)

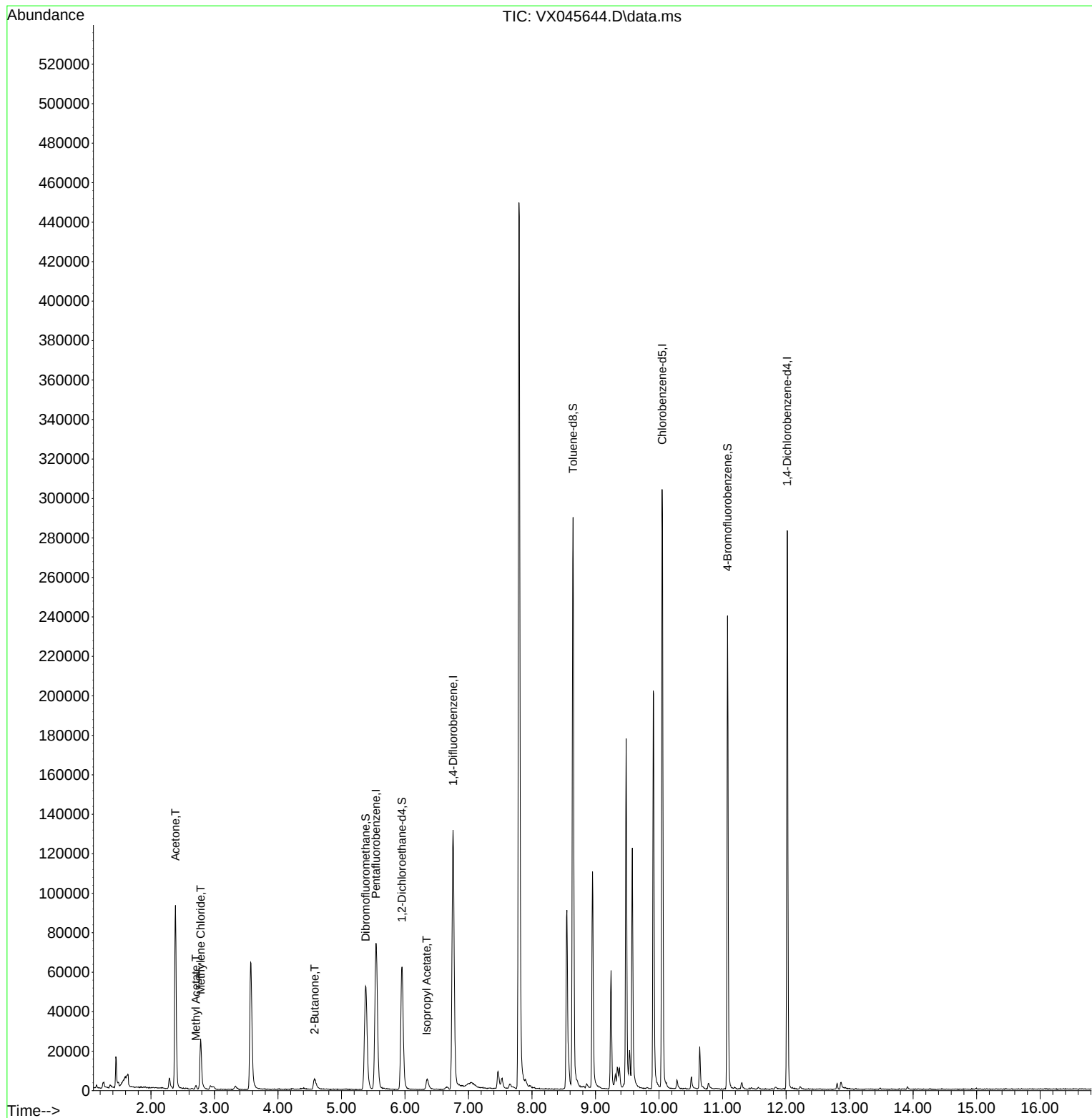
Internal Standards						
1) Pentafluorobenzene	5.544	168	63985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64723	55.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.620%
35) Dibromofluoromethane	5.379	113	45823	50.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	8.647	98	163894	51.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	11.079	95	61008	52.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.000%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	105560	219.695	ug/l	98
18) Methyl Acetate	2.709	43	2172	1.963	ug/l	96
20) Methylene Chloride	2.782	84	11807	13.126	ug/l	97
25) 2-Butanone	4.574	43	10959	15.582	ug/l	96
43) Isopropyl Acetate	6.342	43	8262	3.538	ug/l	95

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

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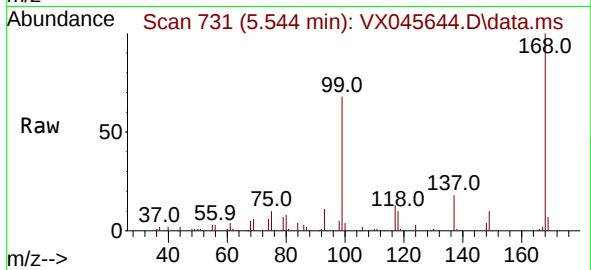
Quant Time: Apr 09 01:35:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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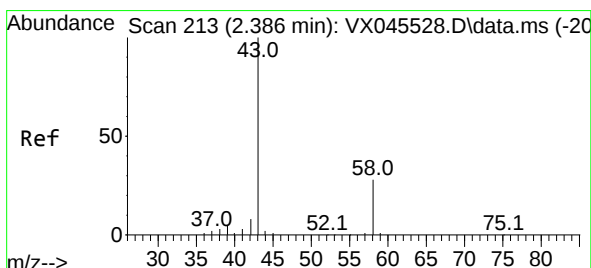
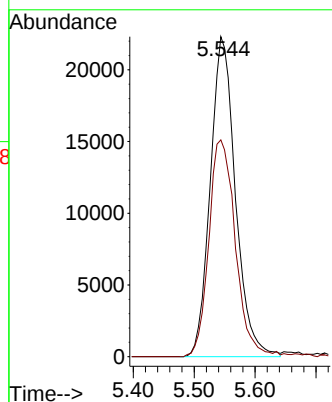
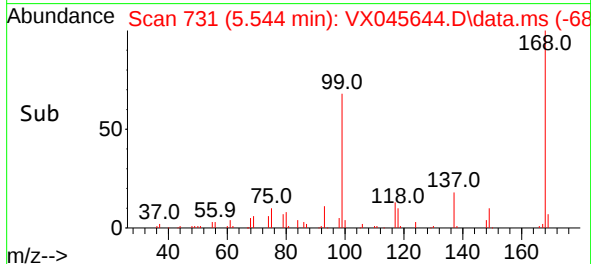


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

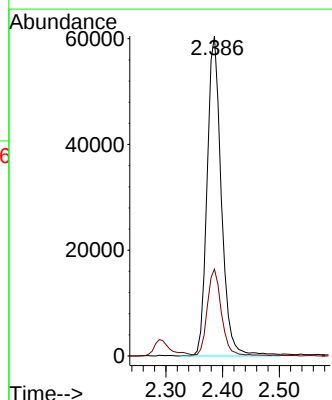
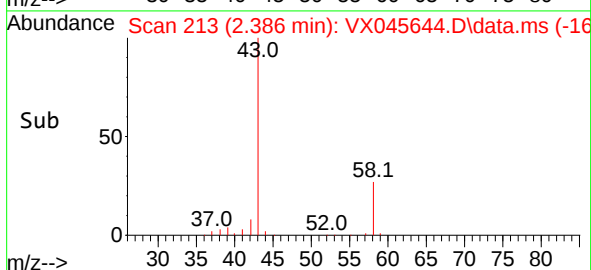
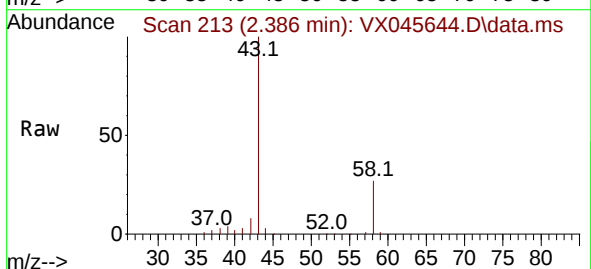


Tgt Ion:168 Resp: 63985
Ion Ratio Lower Upper
168 100
99 67.8 52.3 78.5



#16
Acetone
Concen: 219.695 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion: 43 Resp: 105560
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5

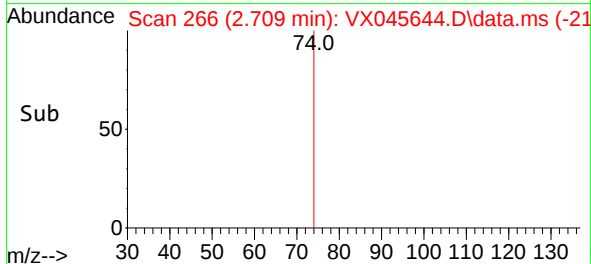
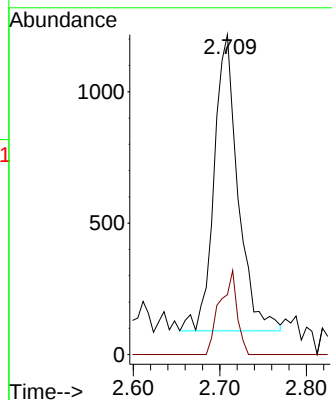
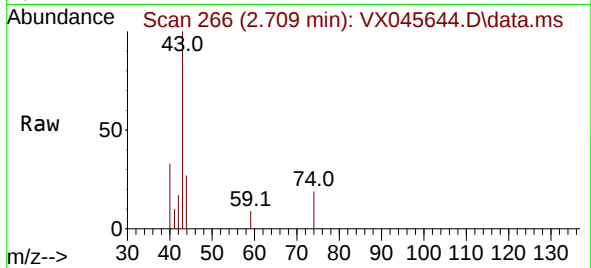




#18
Methyl Acetate
Concen: 1.963 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

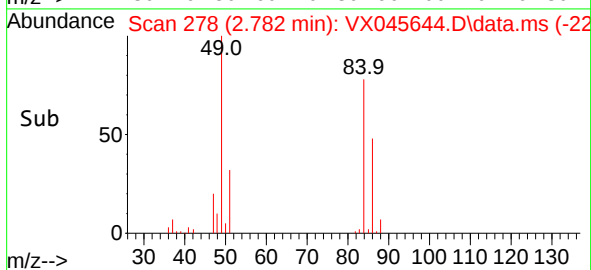
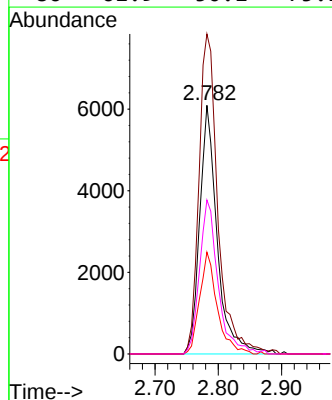
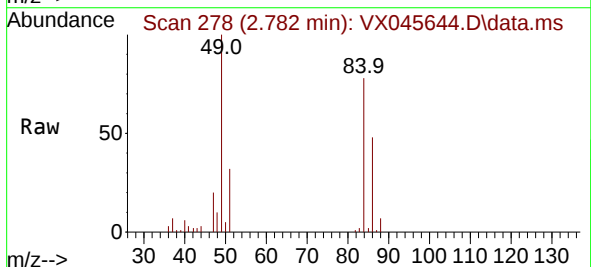
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

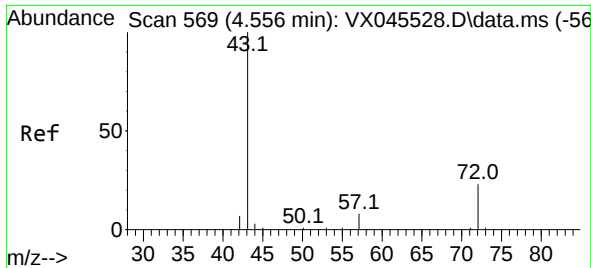
Tgt Ion: 43 Resp: 2172
Ion Ratio Lower Upper
43 100
74 20.1 17.5 26.3



#20
Methylene Chloride
Concen: 13.126 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion: 84 Resp: 11807
Ion Ratio Lower Upper
84 100
49 128.7 107.5 161.3
51 40.9 33.0 49.6
86 61.9 50.1 75.1

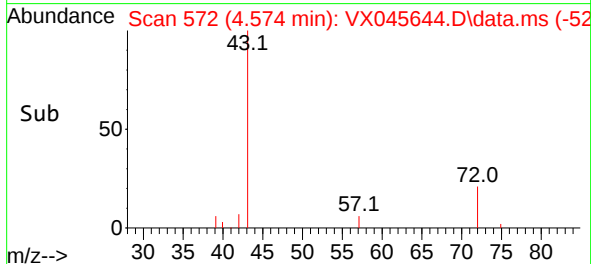
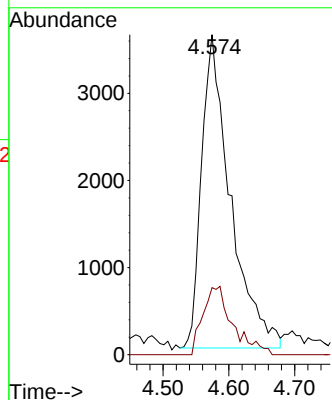
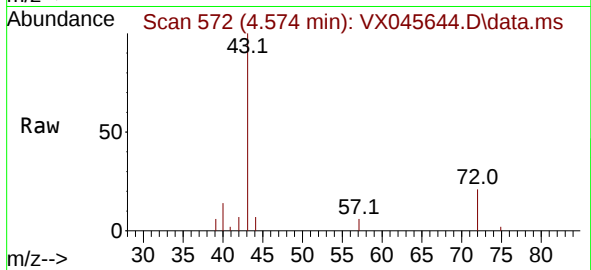




#25
2-Butanone
Concen: 15.582 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

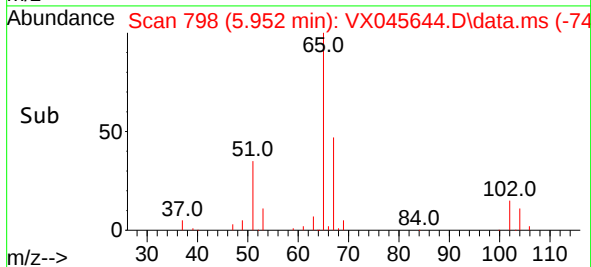
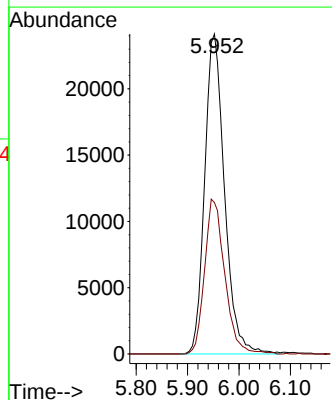
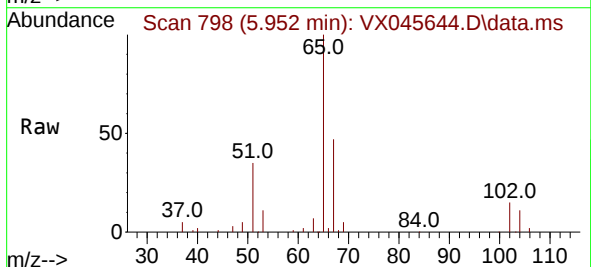
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

Tgt Ion: 43 Resp: 10959
Ion Ratio Lower Upper
43 100
72 21.4 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.313 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion: 65 Resp: 64723
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

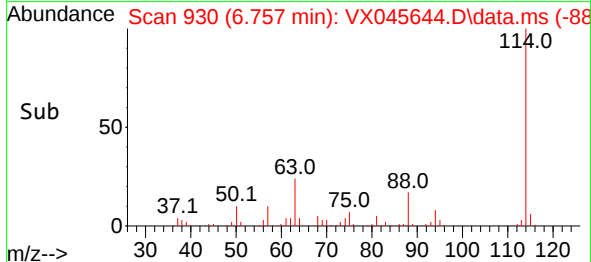
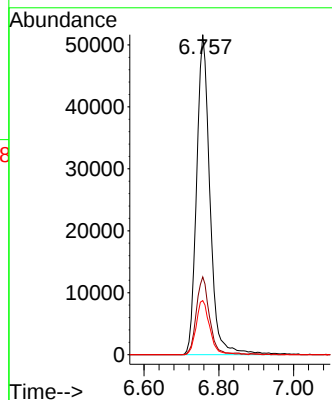
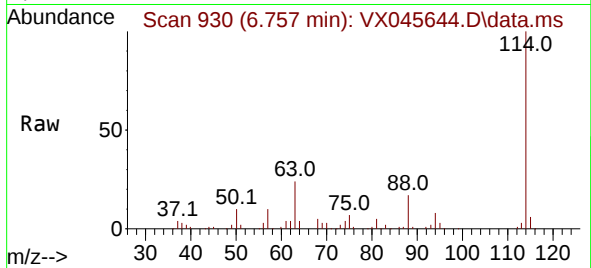




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

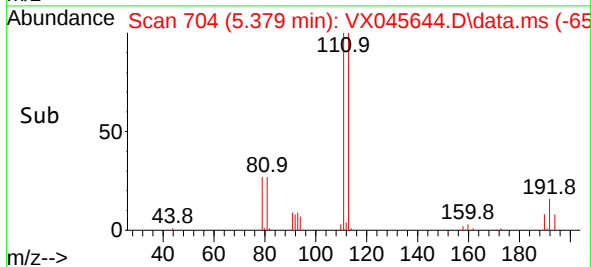
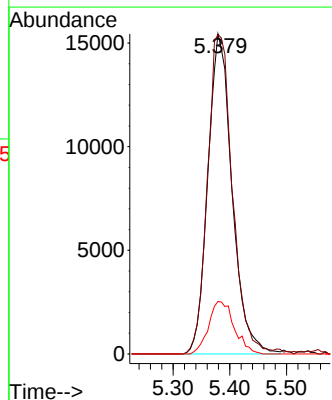
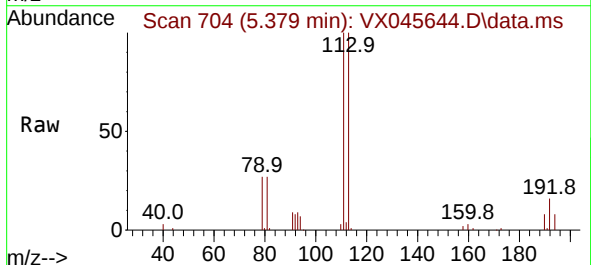
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

Tgt Ion:114 Resp: 127618
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.608 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion:113 Resp: 45823
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 17.3 13.8 20.6

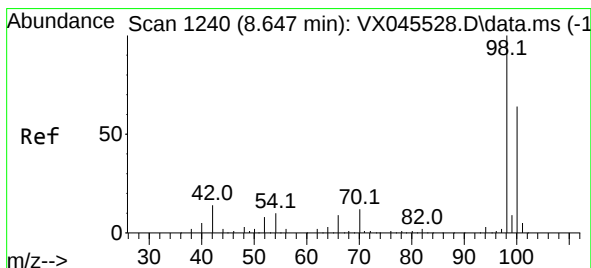
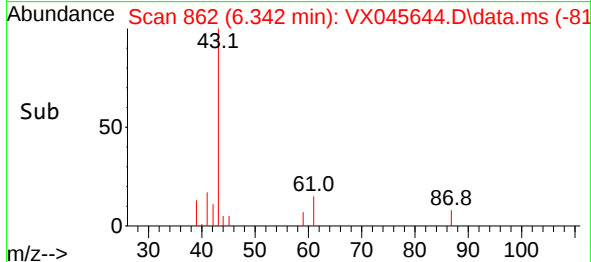
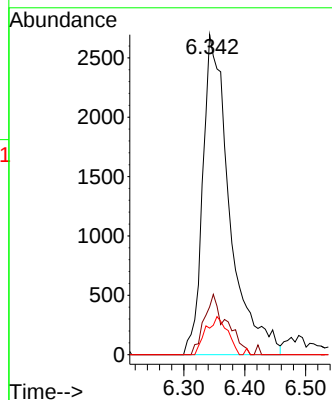
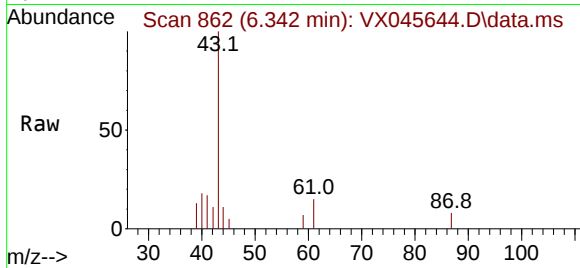




#43
Isopropyl Acetate
Concen: 3.538 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

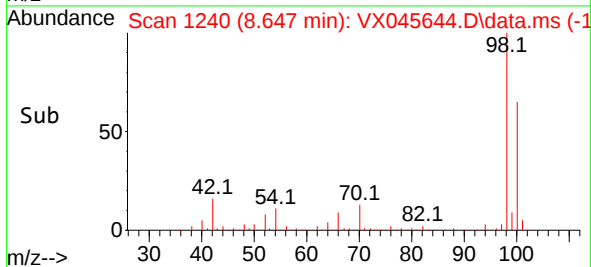
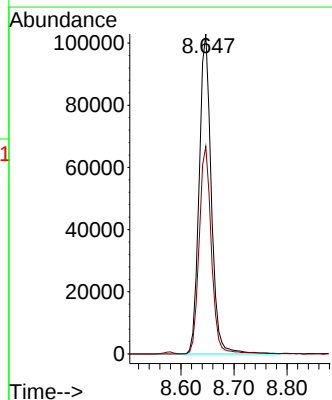
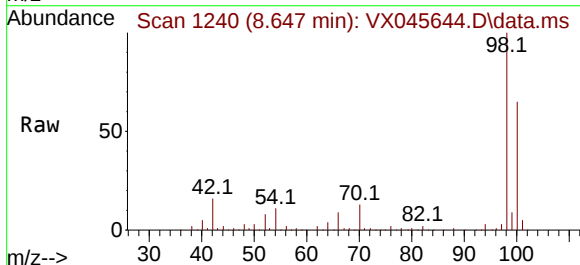
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

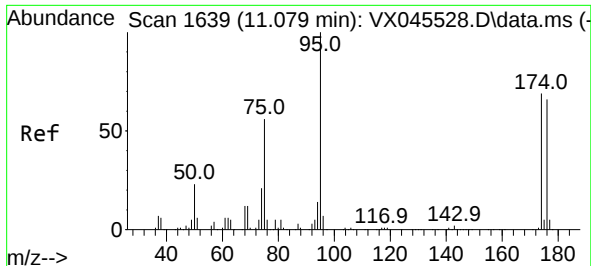
Tgt Ion: 43 Resp: 8262
Ion Ratio Lower Upper
43 100
61 15.8 14.1 21.1
87 9.5 9.2 13.8



#50
Toluene-d8
Concen: 51.859 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion: 98 Resp: 163894
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

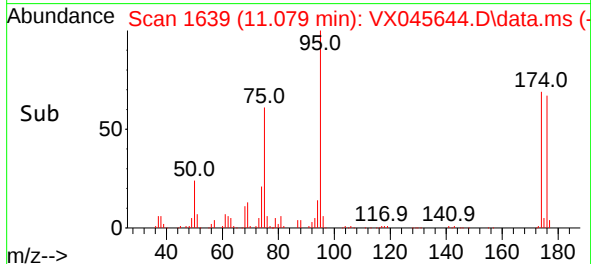
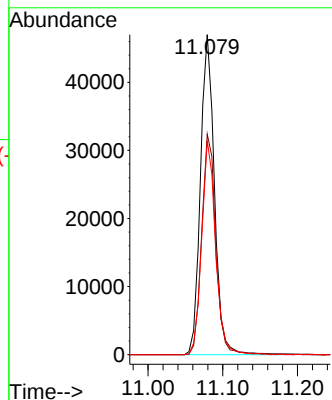
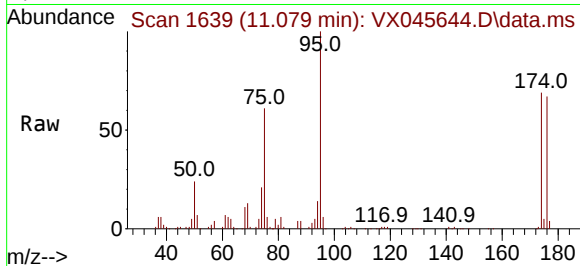




#62
4-Bromofluorobenzene
Concen: 52.997 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045644.D
Acq: 08 Apr 2025 12:05

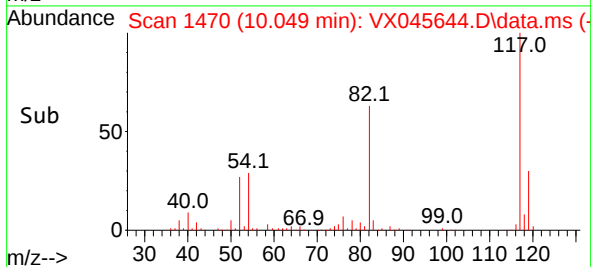
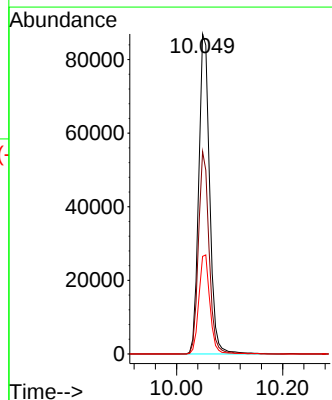
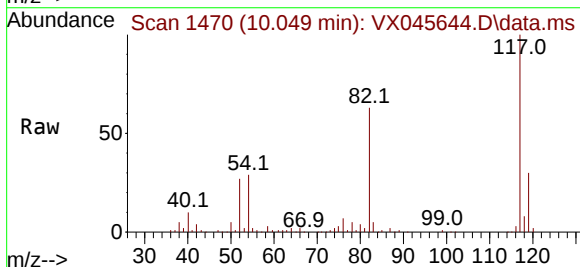
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE02

Tgt Ion: 95 Resp: 61008
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 66.7 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: VX045644.D
Acq: 08 Apr 2025 12:05

Tgt Ion: 117 Resp: 124238
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 30.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045644.D

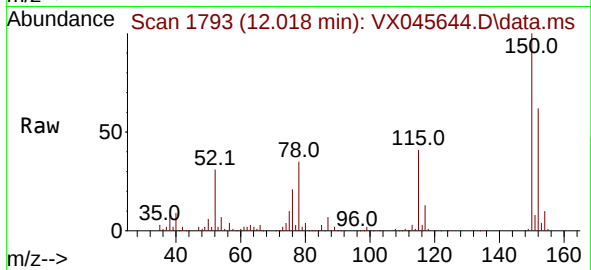
Acq: 08 Apr 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

PB167492ZHE02



Tgt Ion:152 Resp: 50465

Ion Ratio Lower Upper

152 100

115 64.5 46.9 140.7

150 159.5 0.0 349.4

