

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045650.D
 Acq On : 08 Apr 2025 14:24
 Operator : JC/MD
 Sample : PB167492ZHE08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE08

Quant Time: Apr 09 01:38:56 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)

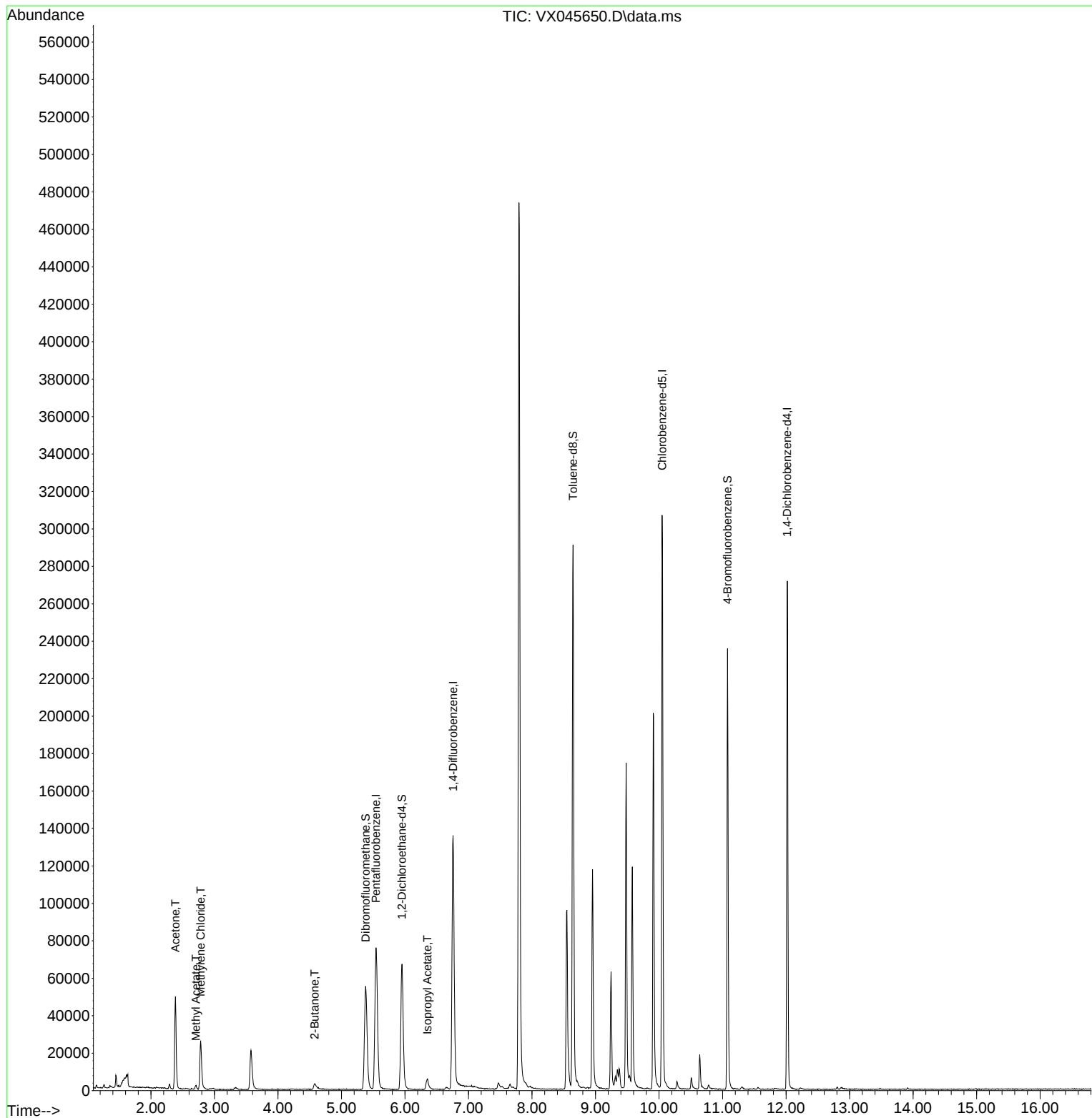
Internal Standards						
1) Pentafluorobenzene	5.544	168	65950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66410	55.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.120%
35) Dibromofluoromethane	5.379	113	47578	51.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	8.647	98	167310	52.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.500%
62) 4-Bromofluorobenzene	11.079	95	60636	51.985	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	54741	110.534	ug/l	94
18) Methyl Acetate	2.709	43	2833	2.485	ug/l #	91
20) Methylene Chloride	2.782	84	11985	12.927	ug/l	96
25) 2-Butanone	4.574	43	7380	10.180	ug/l #	88
43) Isopropyl Acetate	6.355	43	8580	3.626	ug/l	98

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

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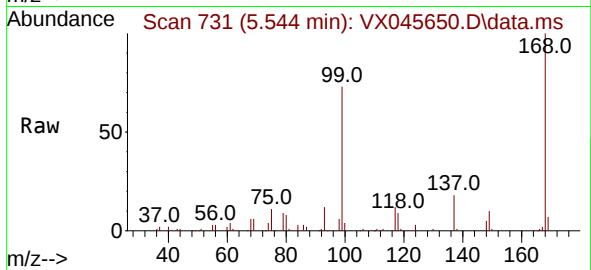
Quant Time: Apr 09 01:38:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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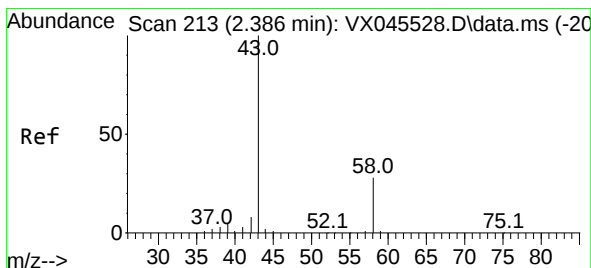
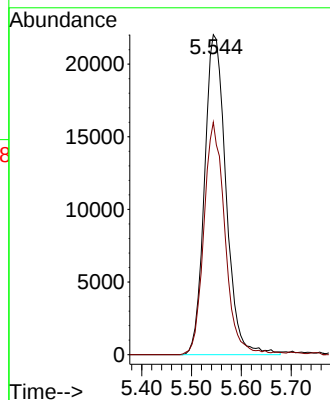
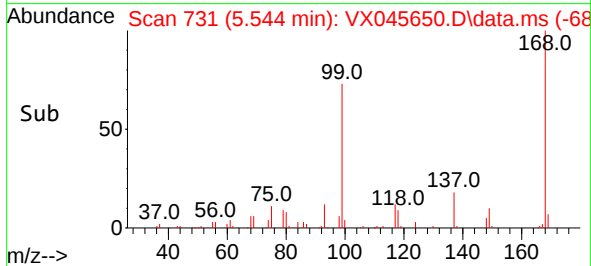


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE08

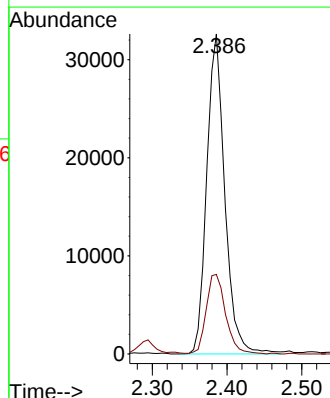
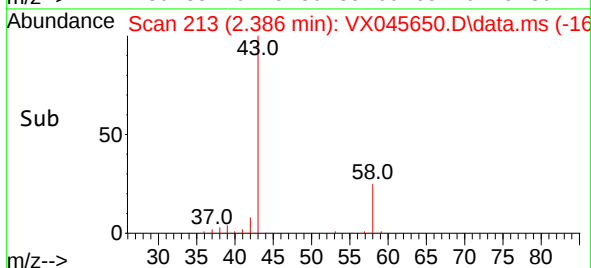
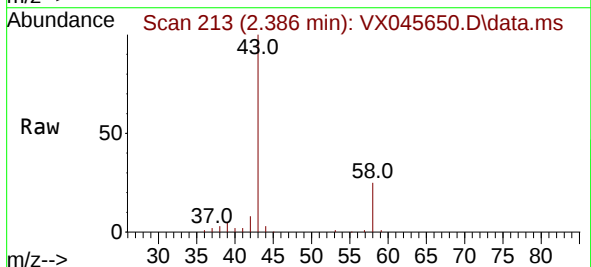


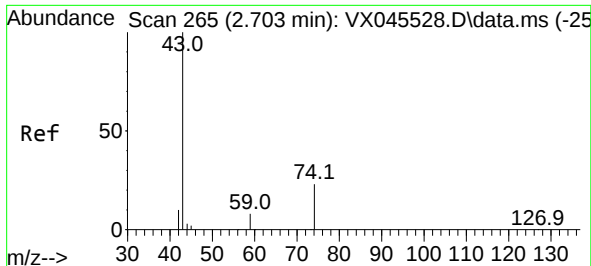
Tgt Ion:168 Resp: 65950
Ion Ratio Lower Upper
168 100
99 72.7 52.3 78.5



#16
Acetone
Concen: 110.534 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

Tgt Ion: 43 Resp: 54741
Ion Ratio Lower Upper
43 100
58 24.8 22.3 33.5





#18

Methyl Acetate

Concen: 2.485 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX045650.D

Acq: 08 Apr 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

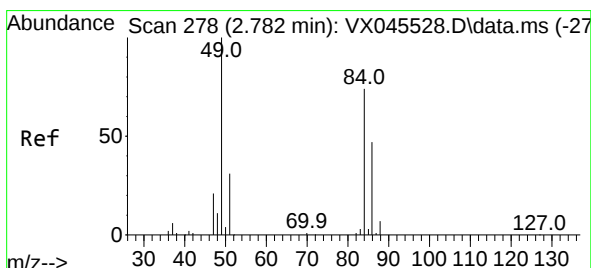
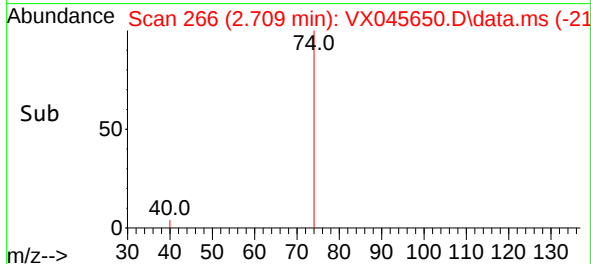
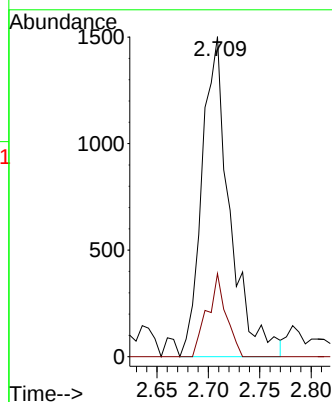
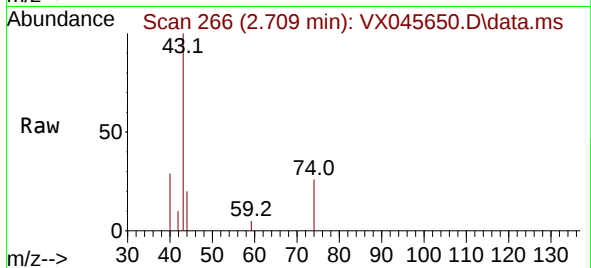
PB167492ZHE08

Tgt Ion: 43 Resp: 2833

Ion Ratio Lower Upper

43 100

74 17.5 17.5 26.3#



#20

Methylene Chloride

Concen: 12.927 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045650.D

Acq: 08 Apr 2025 14:24

Tgt Ion: 84 Resp: 11985

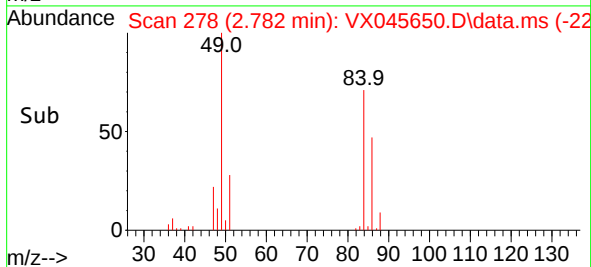
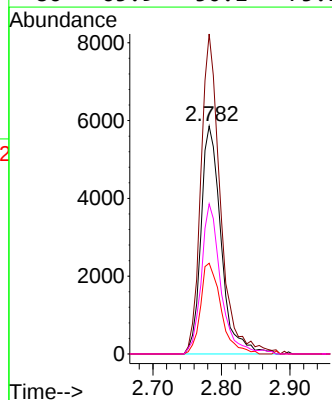
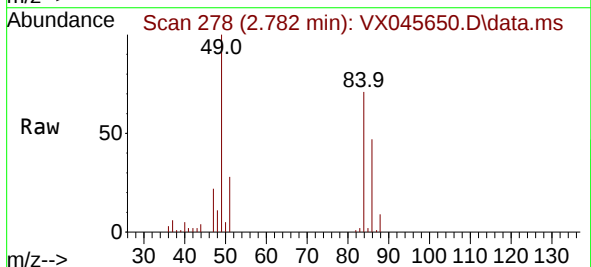
Ion Ratio Lower Upper

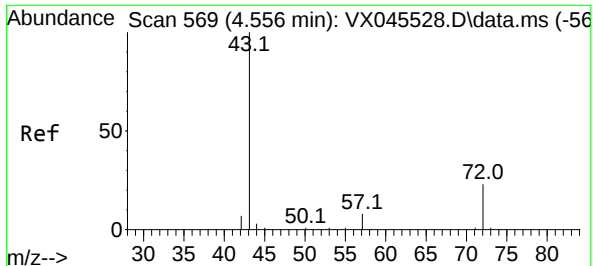
84 100

49 140.4 107.5 161.3

51 39.8 33.0 49.6

86 65.9 50.1 75.1

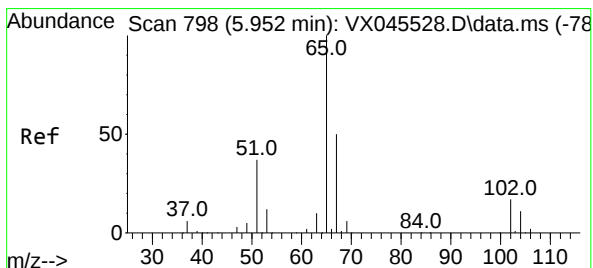
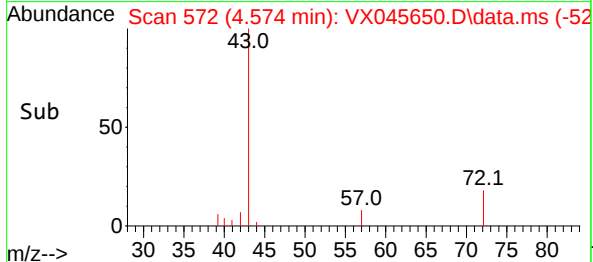
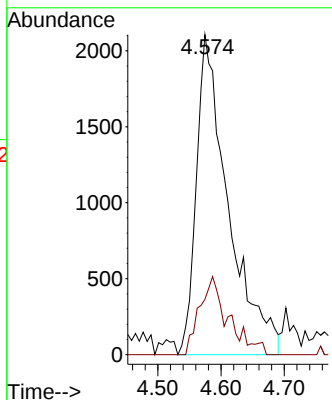
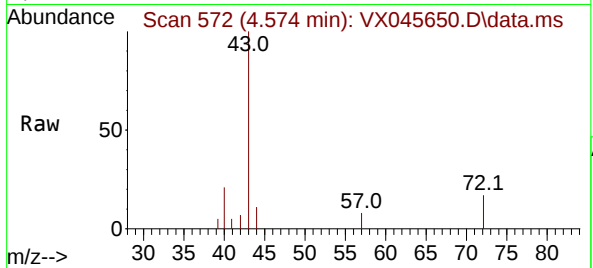




#25
2-Butanone
Concen: 10.180 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

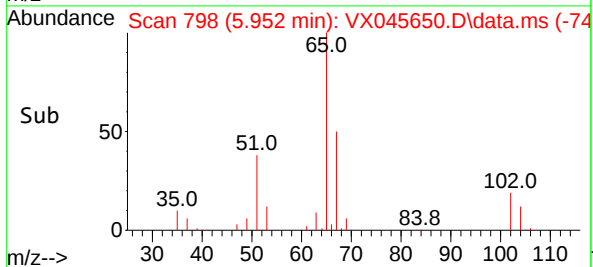
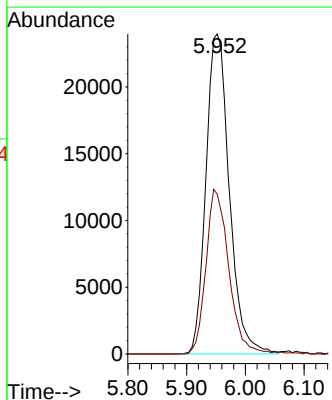
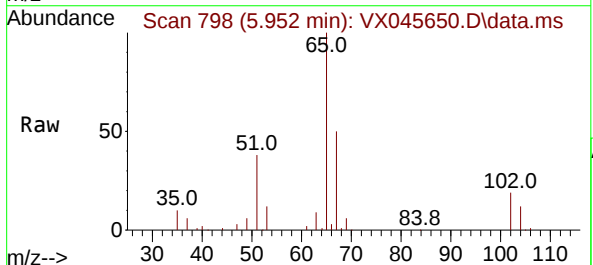
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE08

Tgt Ion: 43 Resp: 7380
Ion Ratio Lower Upper
43 100
72 17.3 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 55.064 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

Tgt Ion: 65 Resp: 66410
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0

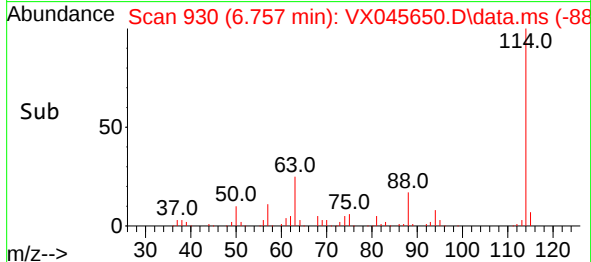
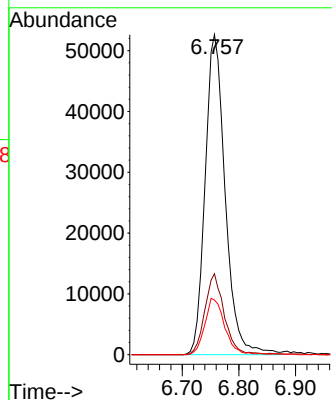
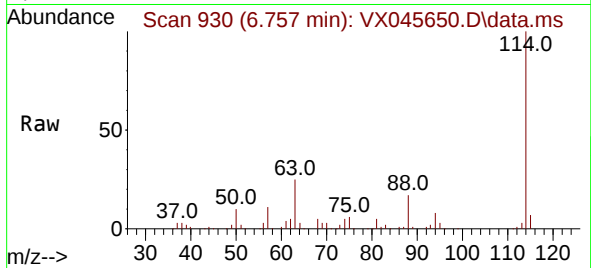




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045650.D
 Acq: 08 Apr 2025 14:24

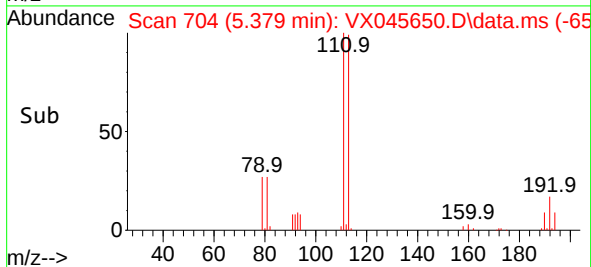
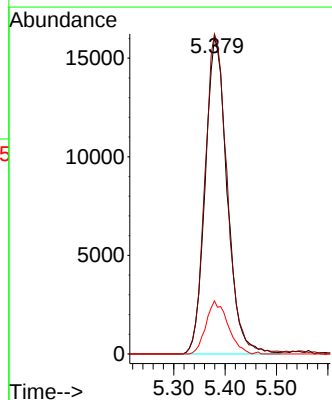
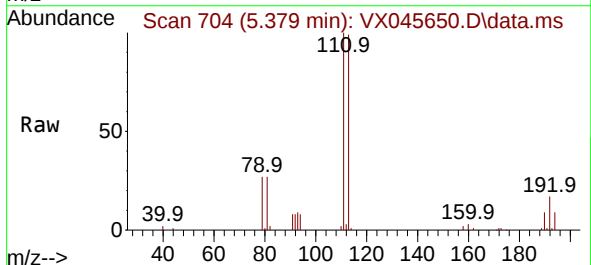
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE08

Tgt Ion:114 Resp: 129308
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 46.8
 88 17.1 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.859 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045650.D
 Acq: 08 Apr 2025 14:24

Tgt Ion:113 Resp: 47578
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 16.7 13.8 20.6

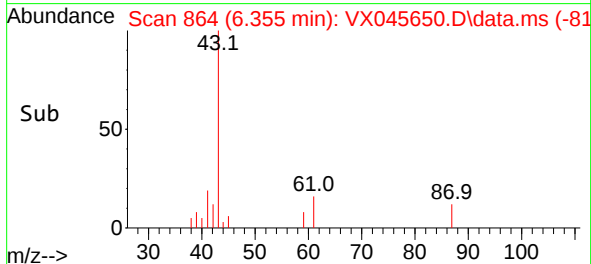
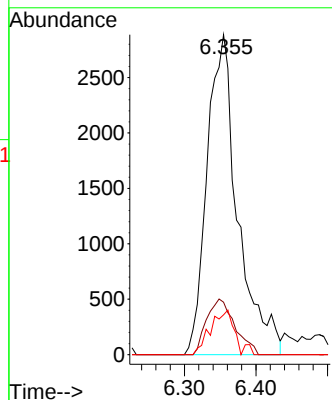
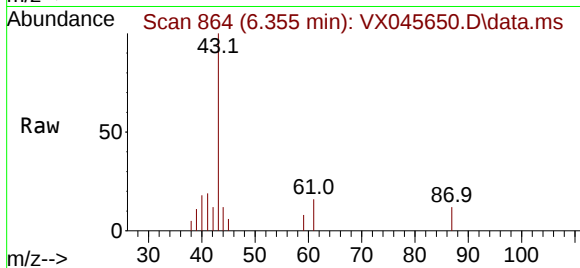




#43
Isopropyl Acetate
Concen: 3.626 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

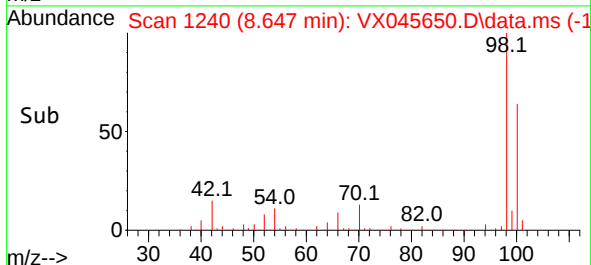
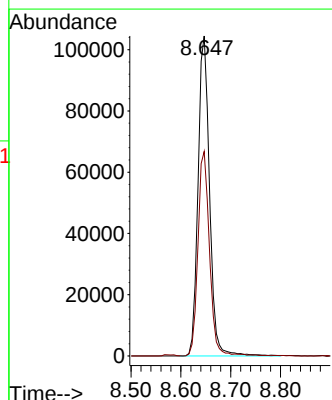
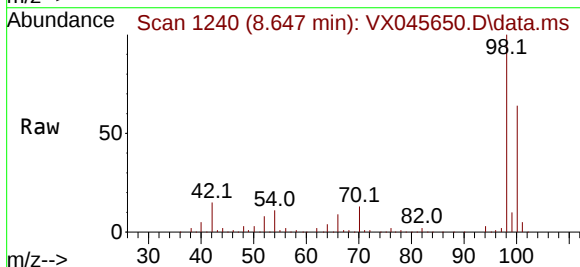
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE08

Tgt Ion: 43 Resp: 8580
Ion Ratio Lower Upper
43 100
61 16.1 14.1 21.1
87 11.1 9.2 13.8



#50
Toluene-d8
Concen: 52.248 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

Tgt Ion: 98 Resp: 167310
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

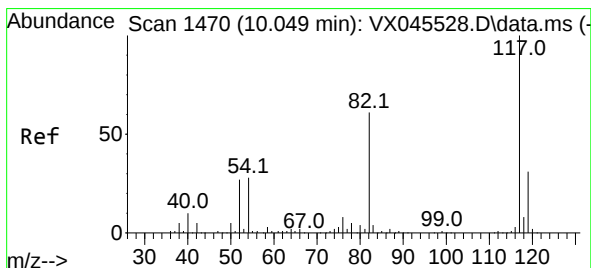
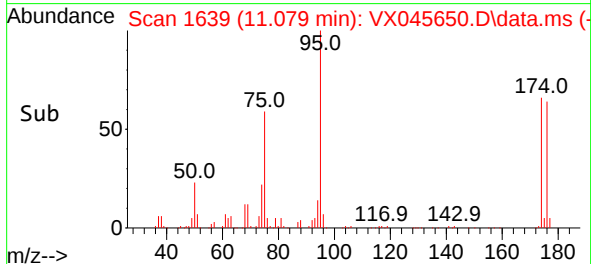
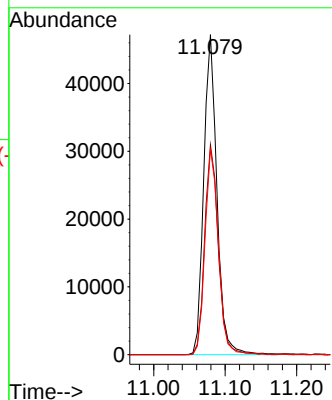
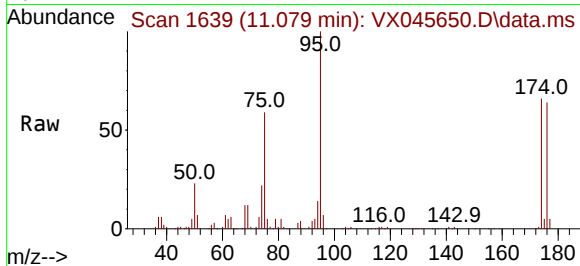




#62
4-Bromofluorobenzene
Concen: 51.985 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045650.D
Acq: 08 Apr 2025 14:24

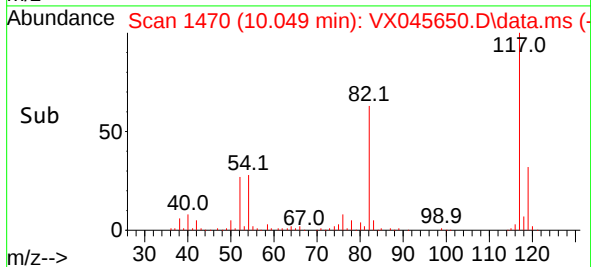
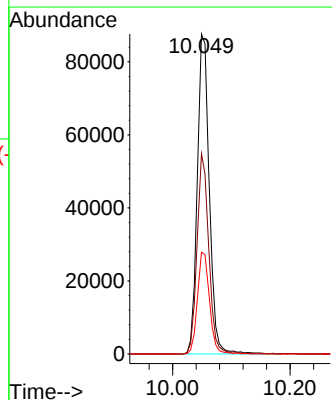
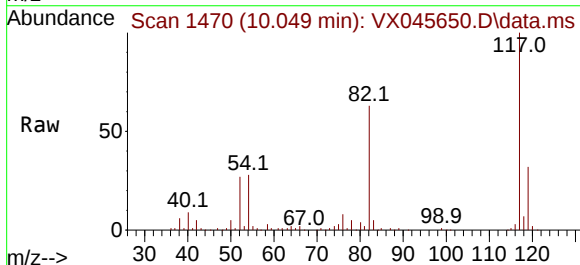
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE08

Tgt Ion: 95 Resp: 60636
Ion Ratio Lower Upper
95 100
174 67.7 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: VX045650.D
Acq: 08 Apr 2025 14:24

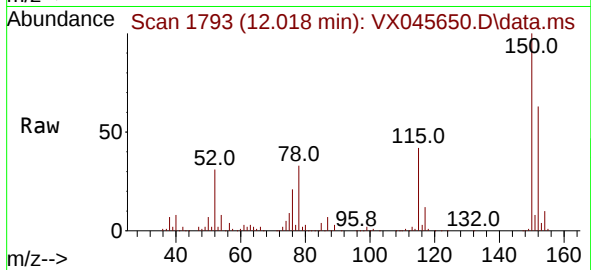
Tgt Ion: 117 Resp: 124565
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 31.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045650.D
 Acq: 08 Apr 2025 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE08



Tgt Ion:152	Resp:	49227
Ion	Ratio	Lower Upper
152	100	
115	66.4	46.9 140.7
150	158.5	0.0 349.4

