

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045881.D
 Acq On : 22 Apr 2025 13:44
 Operator : JC/MD
 Sample : PB167661ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#02

Quant Time: Apr 23 01:33:59 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)

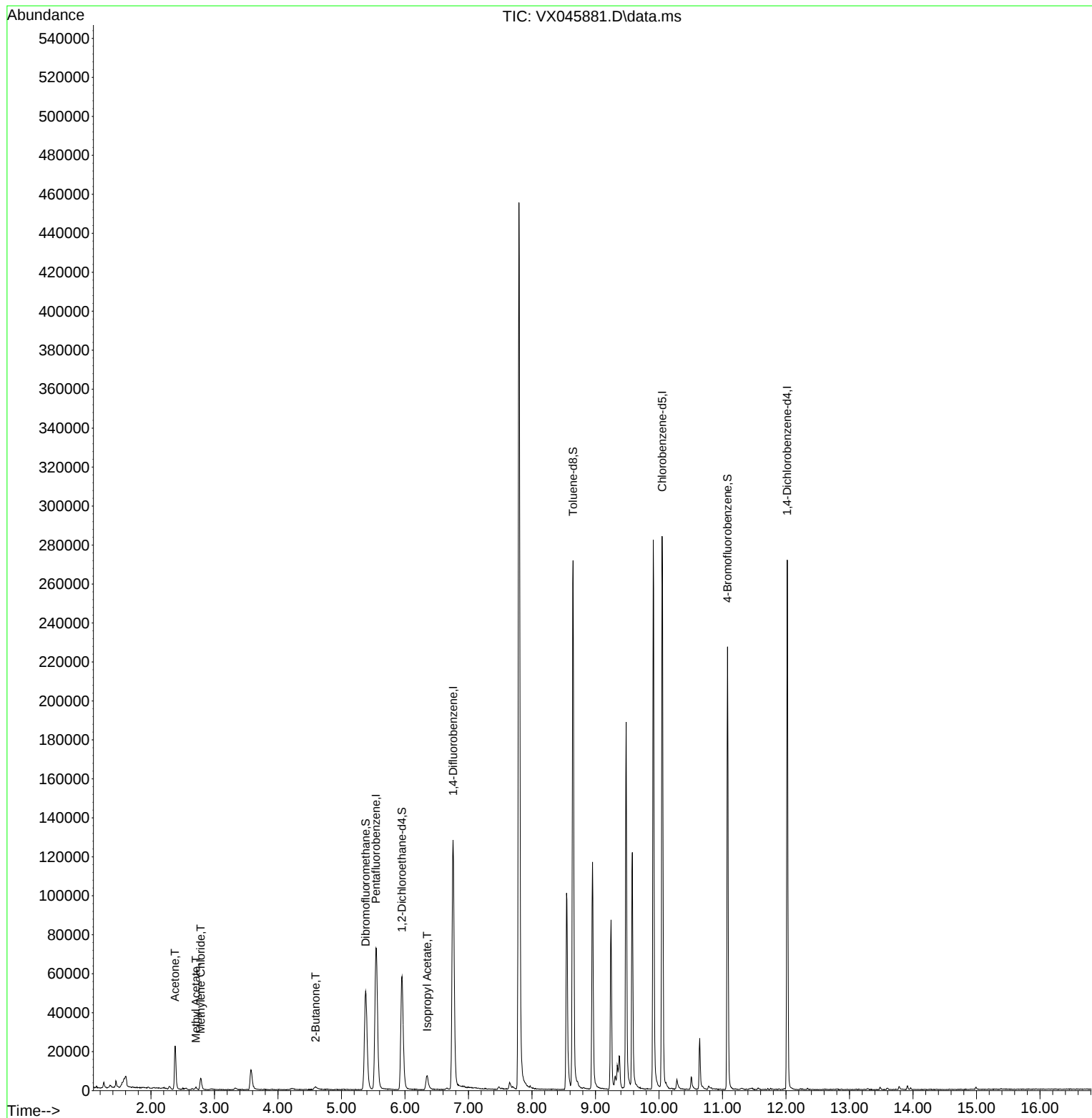
Internal Standards						
1) Pentafluorobenzene	5.544	168	62970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61095	53.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.100%
35) Dibromofluoromethane	5.379	113	44711	51.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	8.647	98	156776	52.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.040%
62) 4-Bromofluorobenzene	11.079	95	58944	53.699	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.400%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	25046	52.967	ug/l	99
18) Methyl Acetate	2.709	43	1601	1.471	ug/l	95
20) Methylene Chloride	2.782	84	2718	3.070	ug/l	90
25) 2-Butanone	4.593	43	3697	5.341	ug/l	91
43) Isopropyl Acetate	6.349	43	11006	4.943	ug/l	99

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

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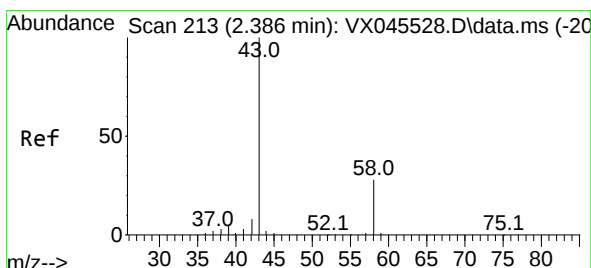
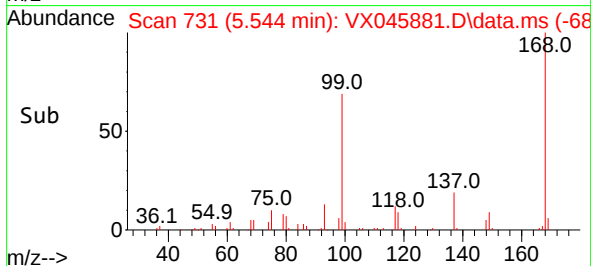
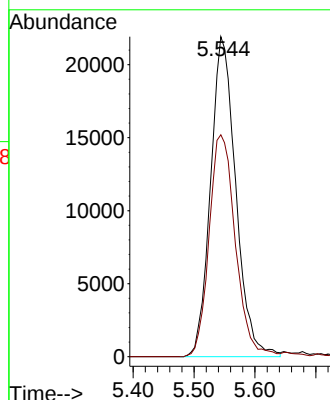
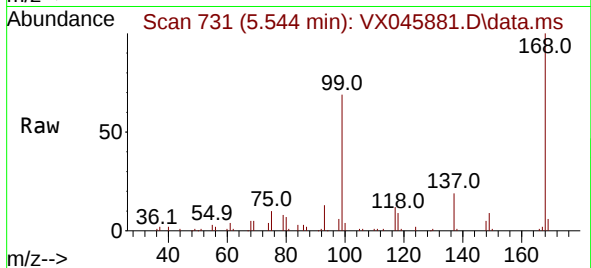




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

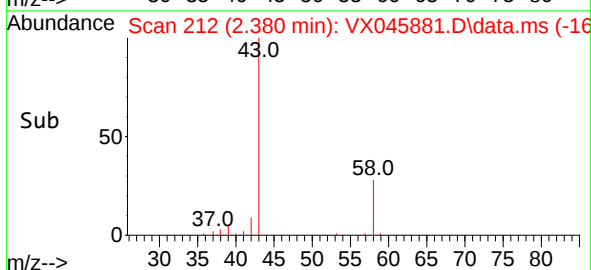
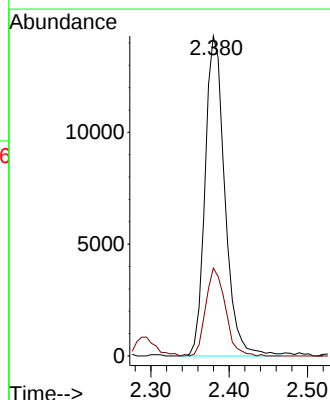
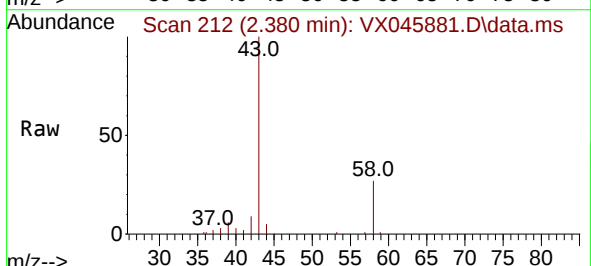
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#02

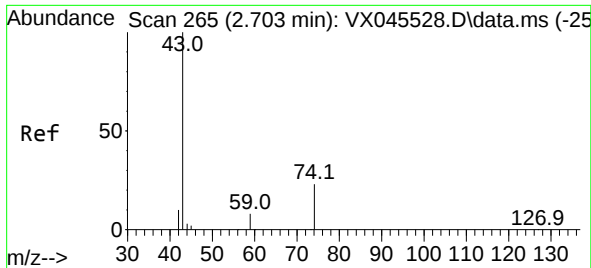
Tgt Ion:168 Resp: 62970
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#16
Acetone
Concen: 52.967 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

Tgt Ion: 43 Resp: 25046
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5

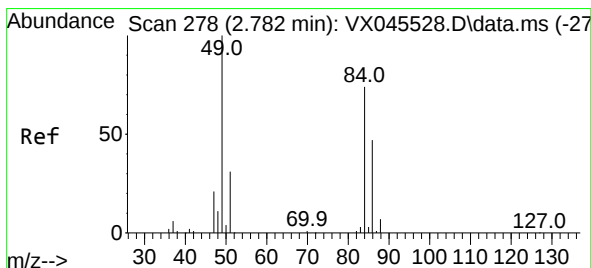
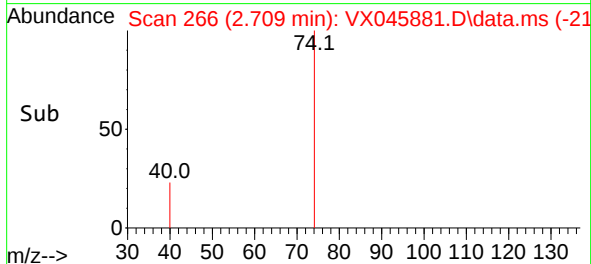
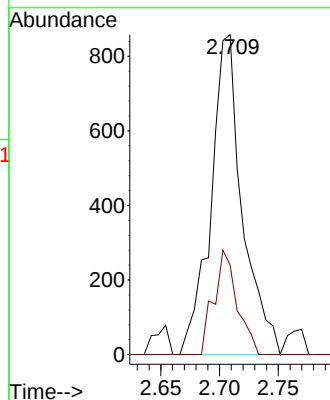
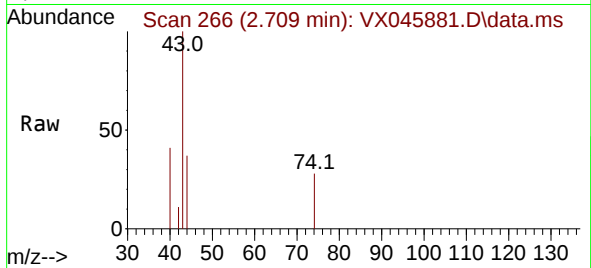




#18
Methyl Acetate
Concen: 1.471 ug/l
RT: 2.709 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

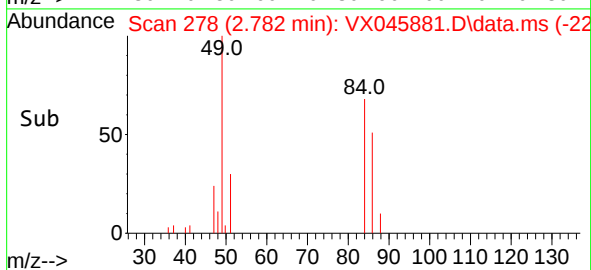
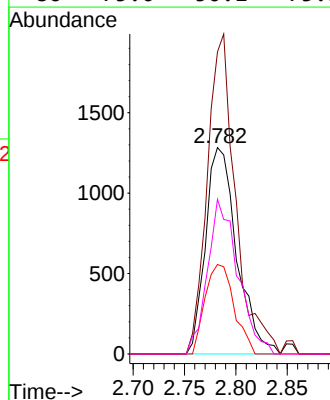
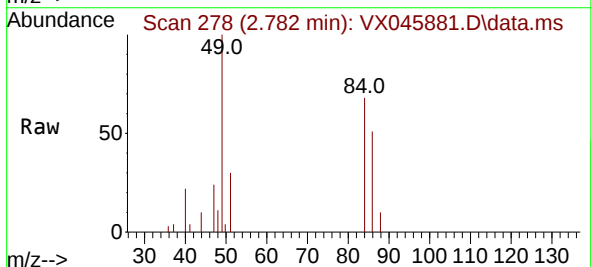
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#02

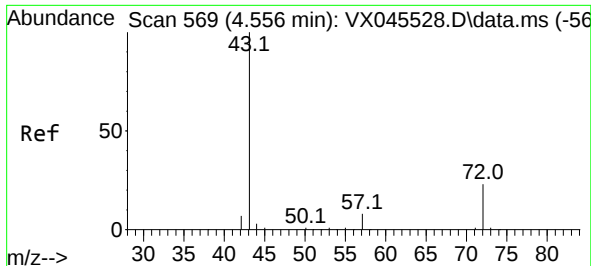
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3



#20
Methylene Chloride
Concen: 3.070 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

Tgt Ion: 84 Resp: 2718
Ion Ratio Lower Upper
84 100
49 146.5 107.5 161.3
51 43.3 33.0 49.6
86 75.0 50.1 75.1

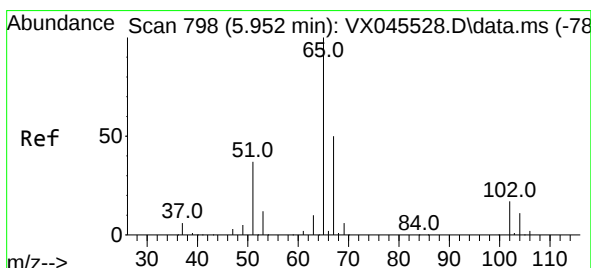
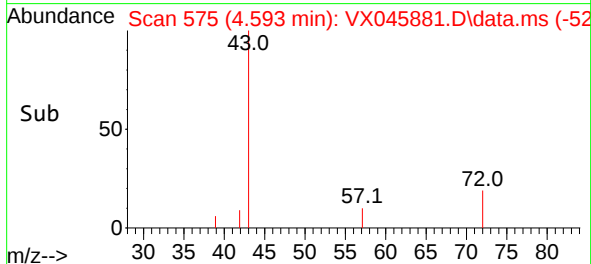
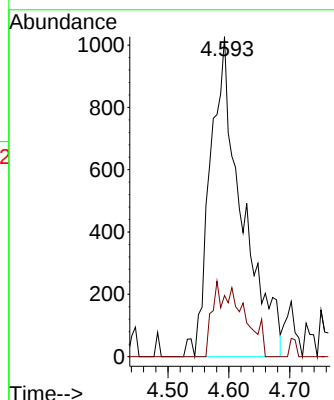
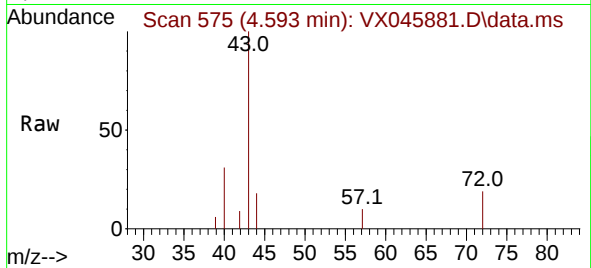




#25
2-Butanone
Concen: 5.341 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

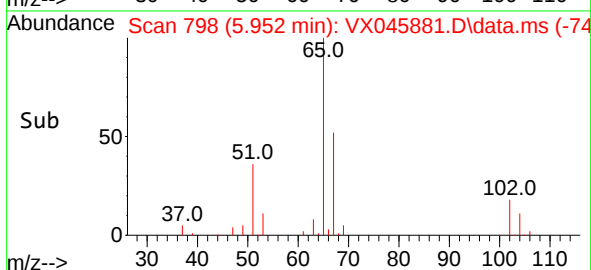
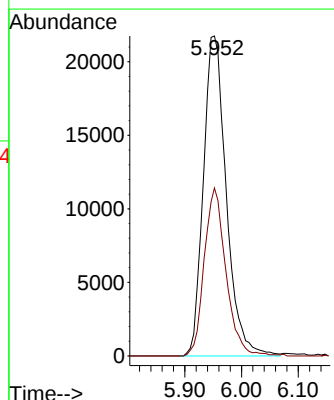
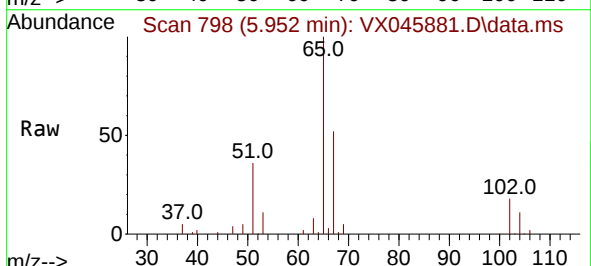
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#02

Tgt Ion: 43 Resp: 3697
Ion Ratio Lower Upper
43 100
72 19.1 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 53.054 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

Tgt Ion: 65 Resp: 61095
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

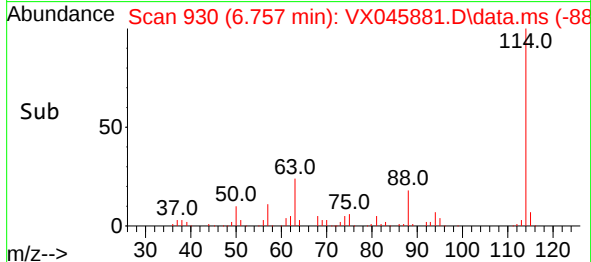
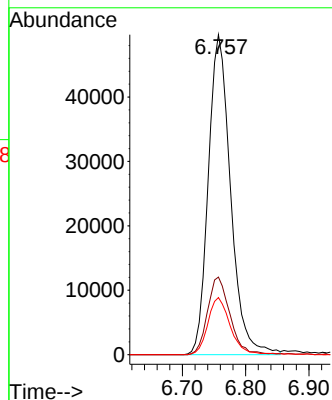
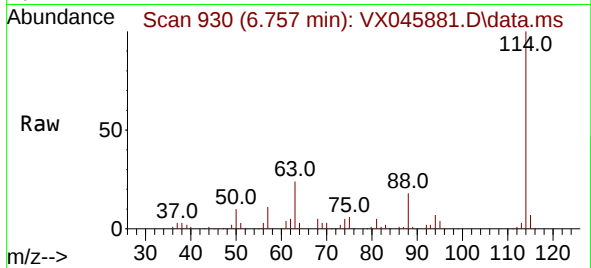




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

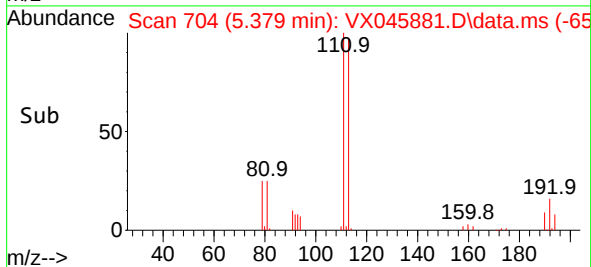
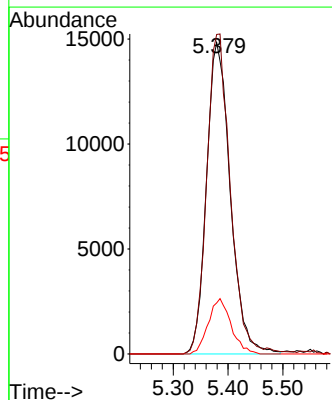
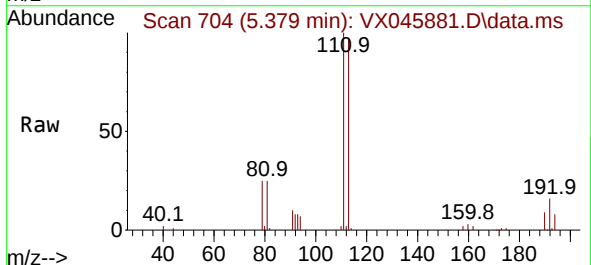
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#02

Tgt Ion:114 Resp: 121687
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.787 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

Tgt Ion:113 Resp: 44711
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 17.0 13.8 20.6

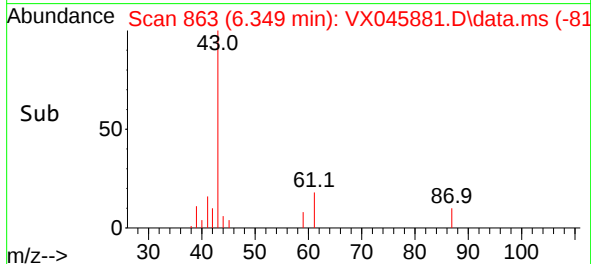
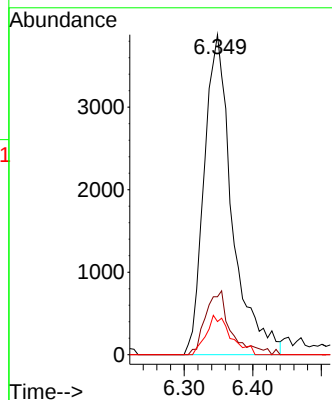
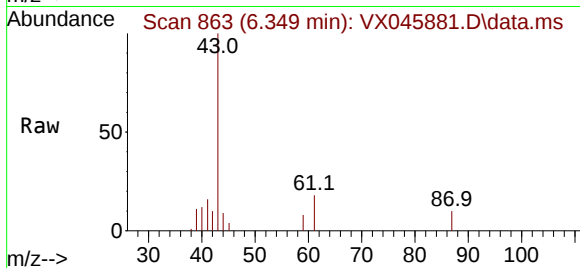




#43
Isopropyl Acetate
Concen: 4.943 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

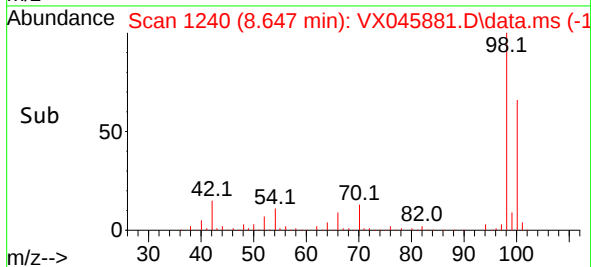
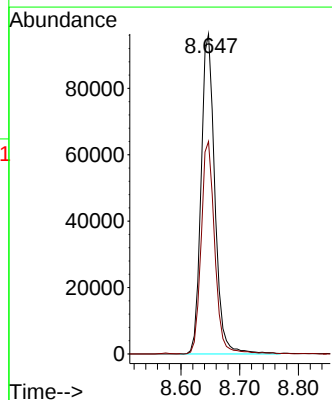
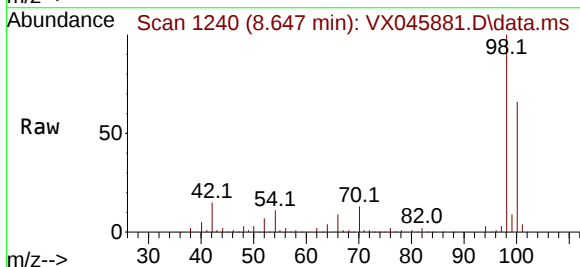
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#02

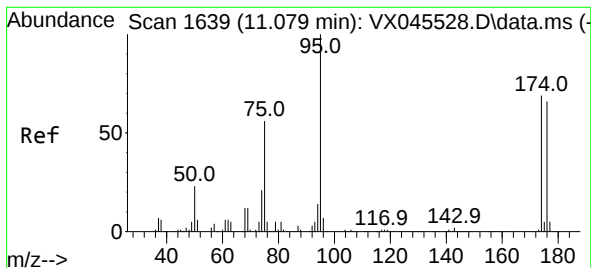
Tgt Ion: 43 Resp: 11006
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 10.8 9.2 13.8



#50
Toluene-d8
Concen: 52.025 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

Tgt Ion: 98 Resp: 156776
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

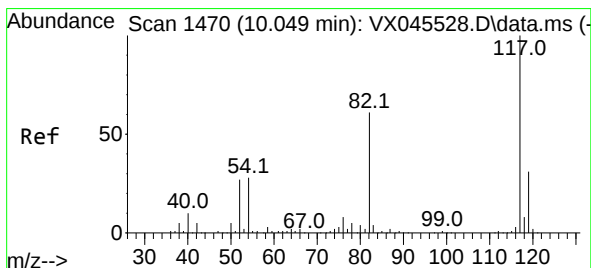
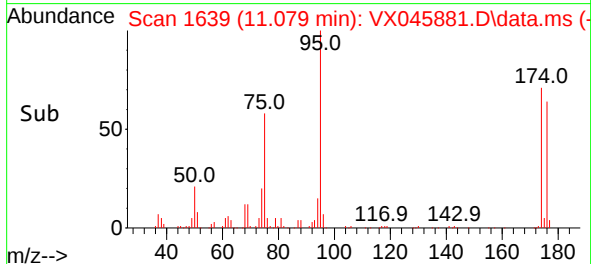
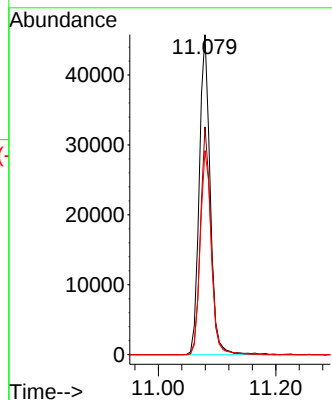
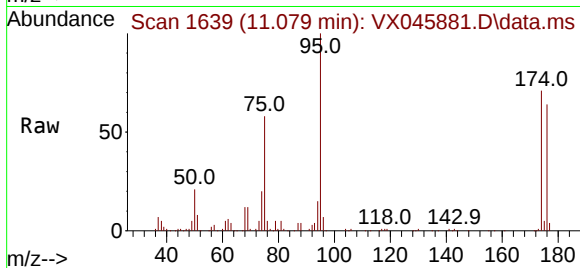




#62
4-Bromofluorobenzene
Concen: 53.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

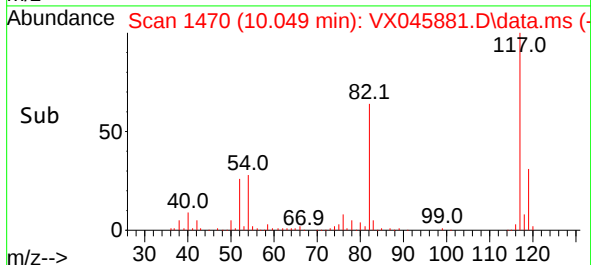
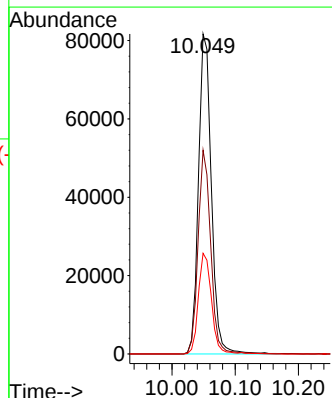
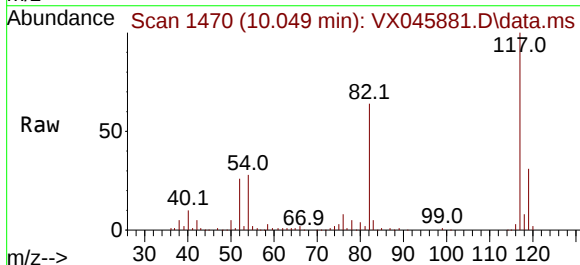
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Tgt Ion: 95 Resp: 58944
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 65.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045881.D
Acq: 22 Apr 2025 13:44

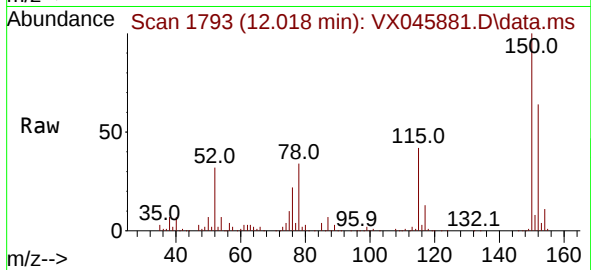
Tgt Ion: 117 Resp: 115940
Ion Ratio Lower Upper
117 100
82 63.7 49.2 73.8
119 31.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045881.D
 Acq: 22 Apr 2025 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#02



Tgt Ion:152 Resp: 48065
 Ion Ratio Lower Upper
 152 100
 115 64.5 46.9 140.7
 150 155.0 0.0 349.4

