

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045806.D
 Acq On : 16 Apr 2025 14:35
 Operator : JC/MD
 Sample : PB167604ZHE#64
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#64

Quant Time: Apr 17 01:36:56 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)

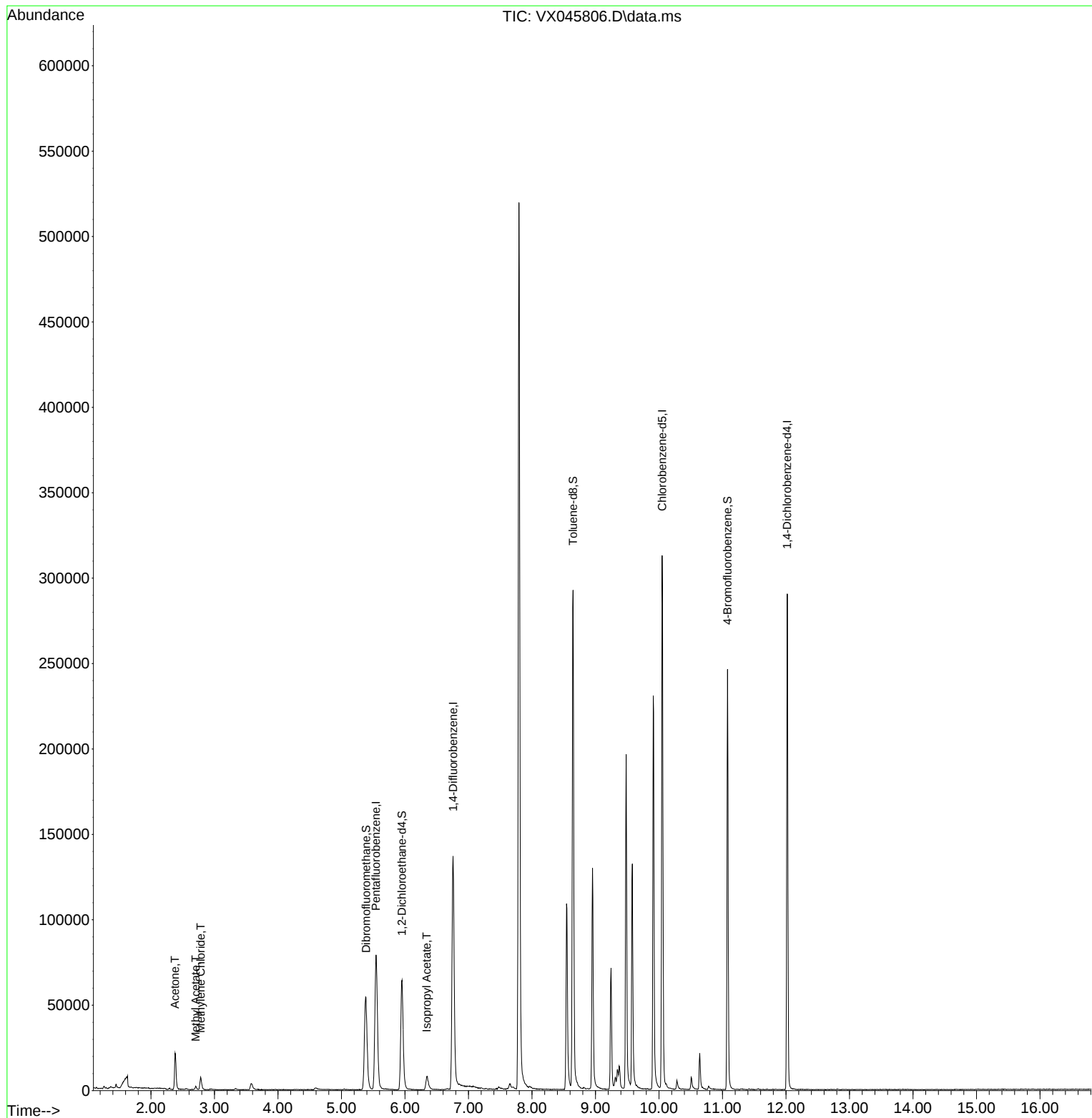
Internal Standards						
1) Pentafluorobenzene	5.544	168	67150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65723	53.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.040%	
35) Dibromofluoromethane	5.385	113	47993	50.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	8.647	98	168076	50.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	11.079	95	63740	52.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.880%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	23748	47.096	ug/l	97
18) Methyl Acetate	2.703	43	2468	2.126	ug/l	91
20) Methylene Chloride	2.782	84	3207	3.397	ug/l #	75
43) Isopropyl Acetate	6.342	43	12065	4.941	ug/l	99

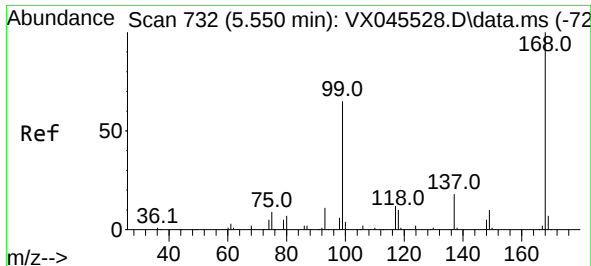
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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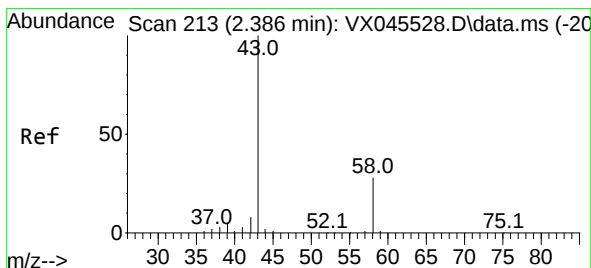
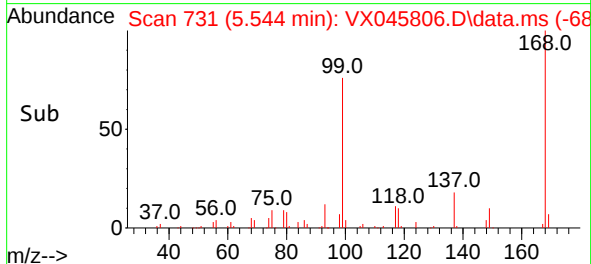
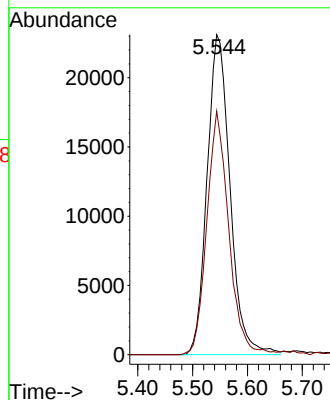
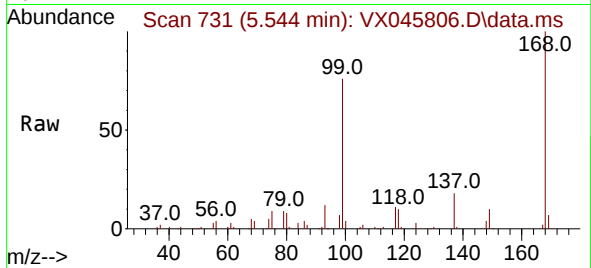




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

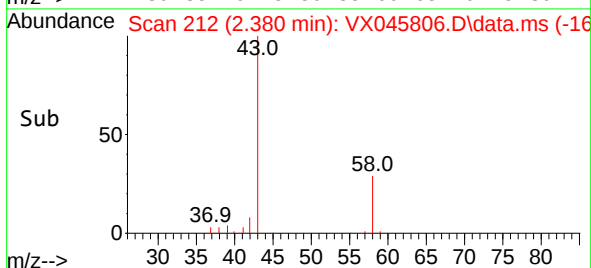
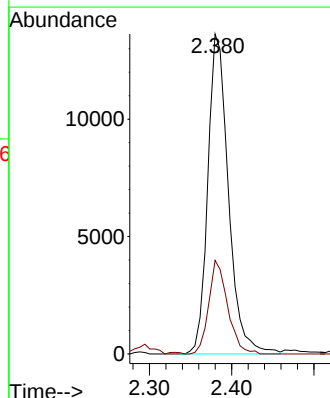
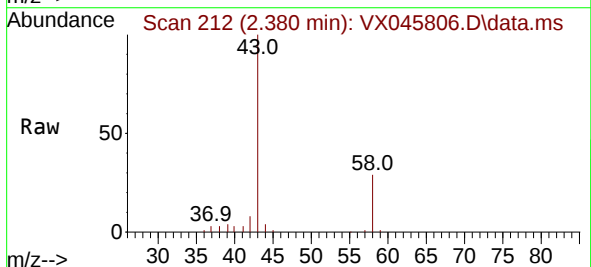
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#64

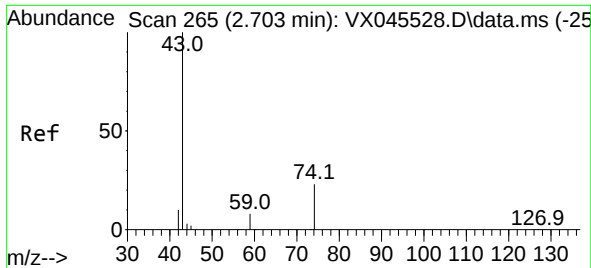
Tgt Ion:168 Resp: 67150
Ion Ratio Lower Upper
168 100
99 76.1 52.3 78.5



#16
Acetone
Concen: 47.096 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

Tgt Ion: 43 Resp: 23748
Ion Ratio Lower Upper
43 100
58 29.3 22.3 33.5

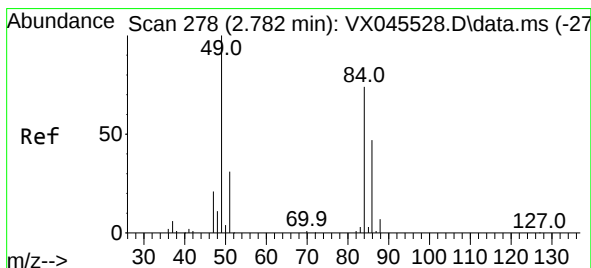
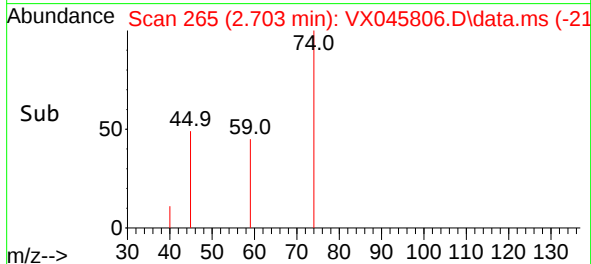
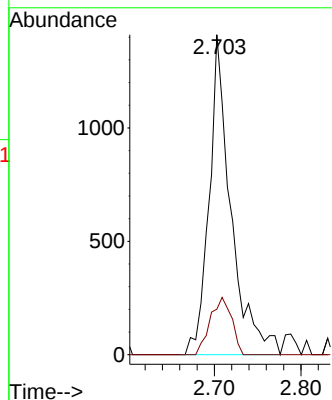
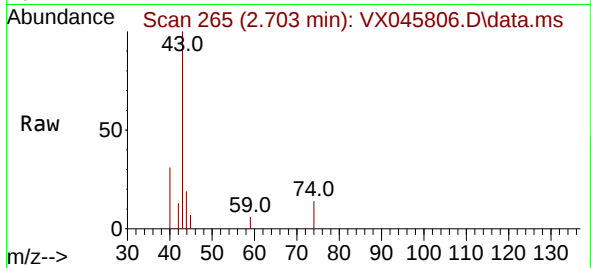




#18
Methyl Acetate
Concen: 2.126 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

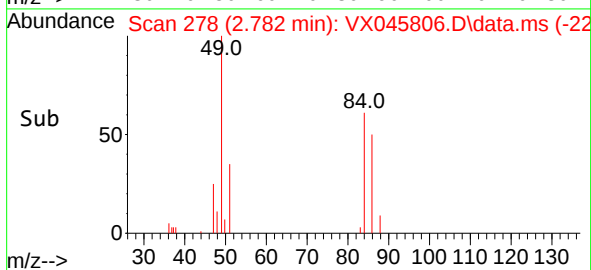
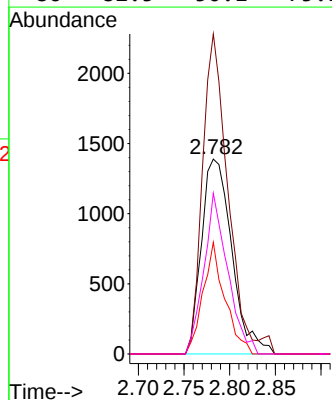
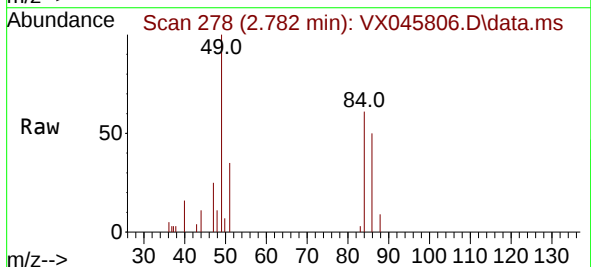
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#64

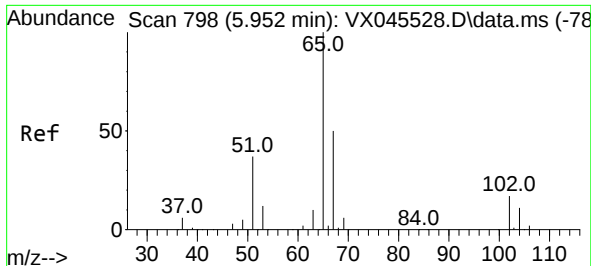
Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
74 17.6 17.5 26.3



#20
Methylene Chloride
Concen: 3.397 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

Tgt Ion: 84 Resp: 3207
Ion Ratio Lower Upper
84 100
49 164.2 107.5 161.3#
51 57.3 33.0 49.6#
86 82.5 50.1 75.1#

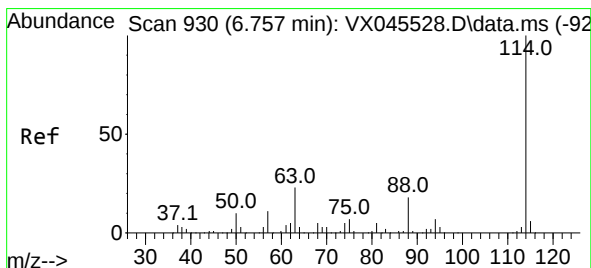
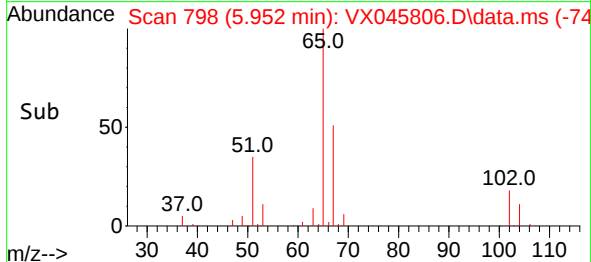
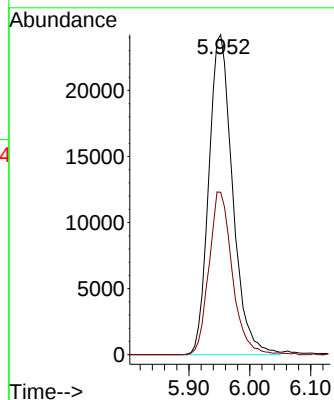
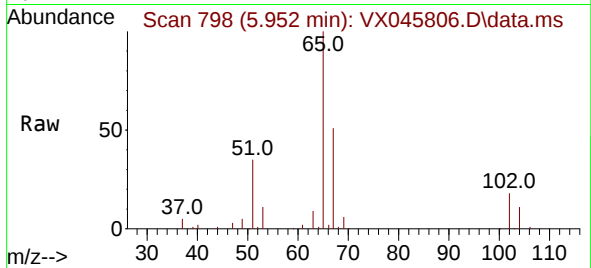




#33
 1,2-Dichloroethane-d4
 Concen: 53.520 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045806.D
 Acq: 16 Apr 2025 14:35

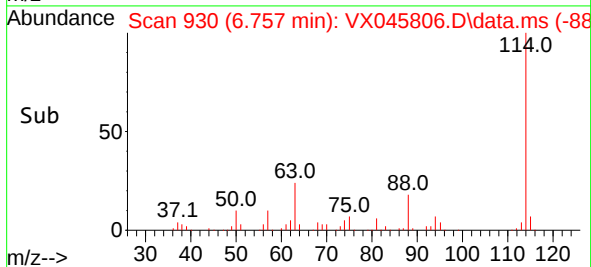
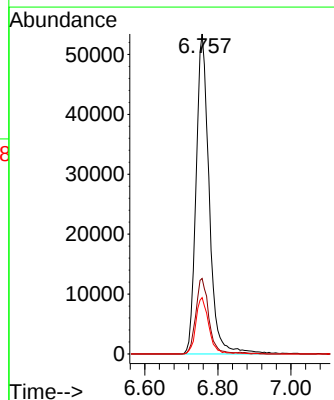
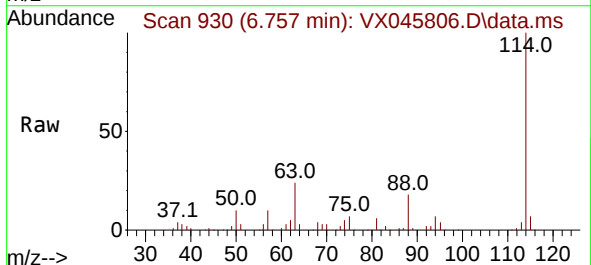
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#64

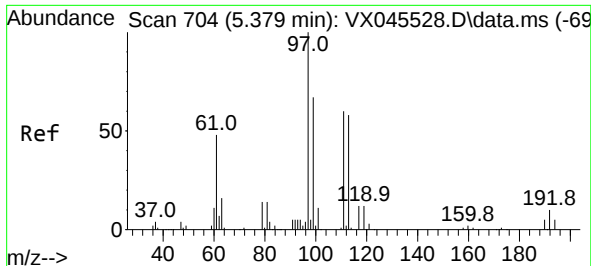
Tgt Ion: 65 Resp: 65723
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045806.D
 Acq: 16 Apr 2025 14:35

Tgt Ion: 114 Resp: 133465
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.8
 88 17.6 0.0 35.4

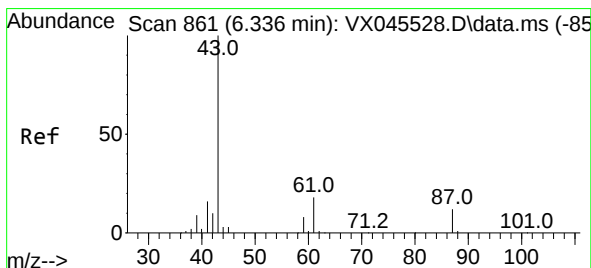
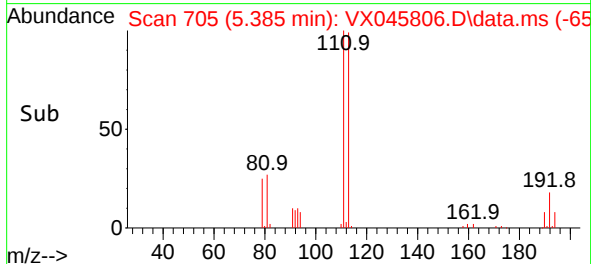
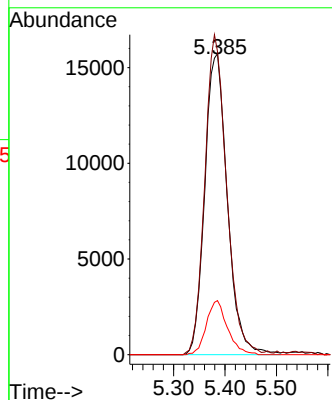
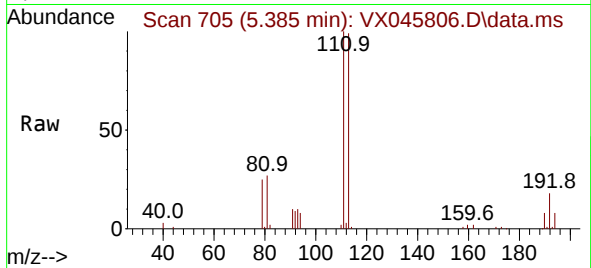




#35
Dibromofluoromethane
Concen: 50.682 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

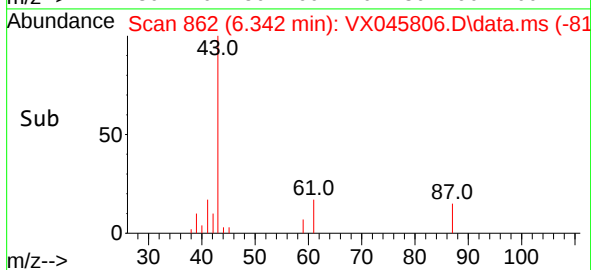
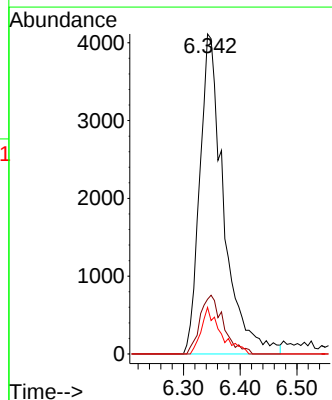
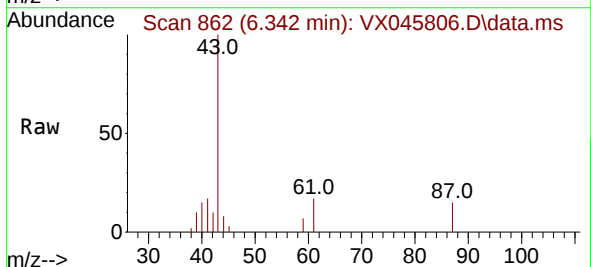
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#64

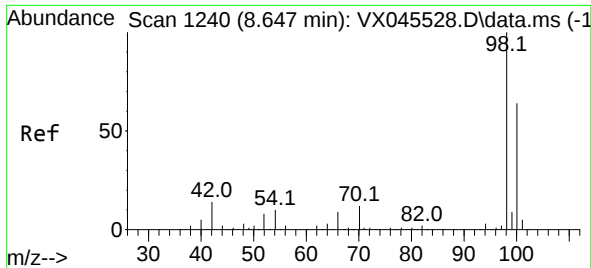
Tgt Ion:113 Resp: 47993
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.8 13.8 20.6



#43
Isopropyl Acetate
Concen: 4.941 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

Tgt Ion: 43 Resp: 12065
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.8 9.2 13.8

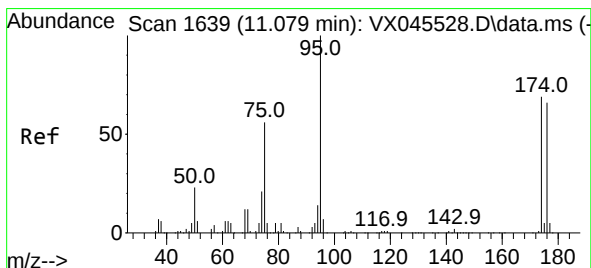
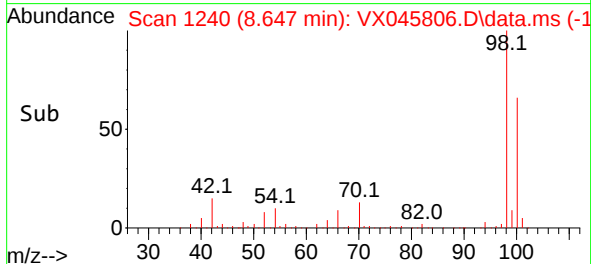
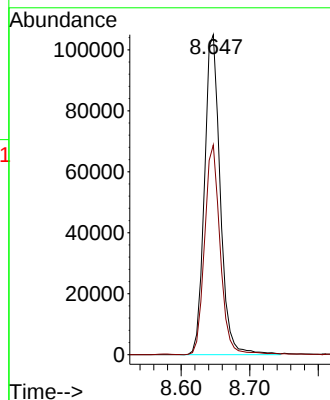
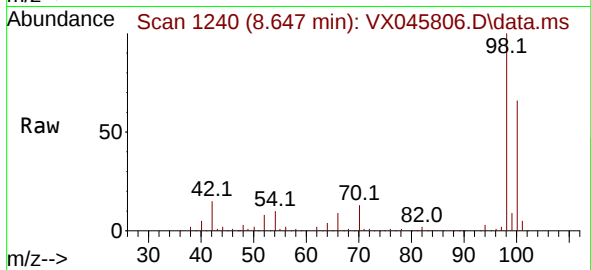




#50
Toluene-d8
Concen: 50.852 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

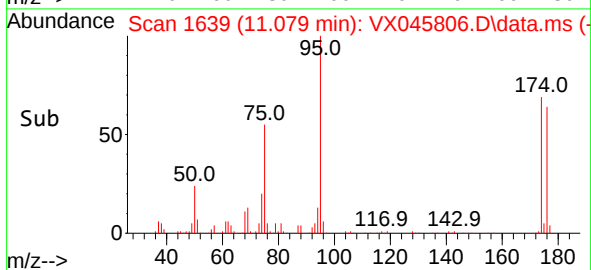
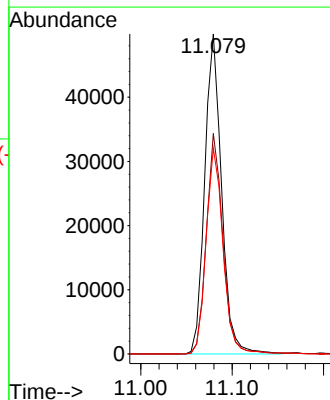
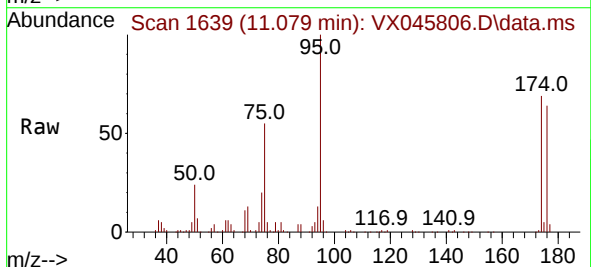
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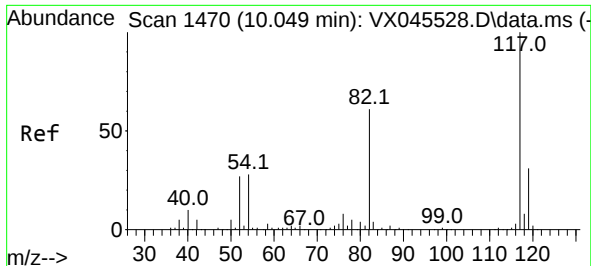
Tgt Ion: 98 Resp: 168076
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

Tgt Ion: 95 Resp: 63740
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 64.5 0.0 131.4

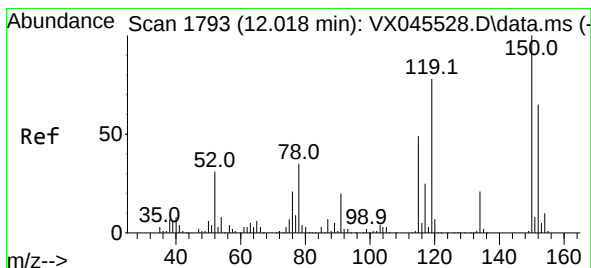
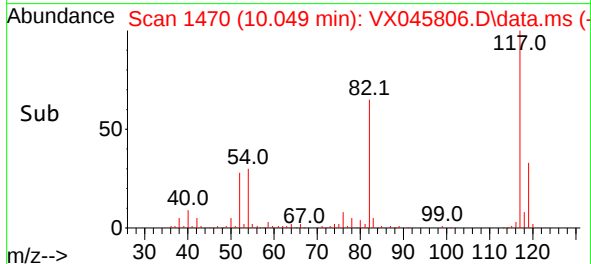
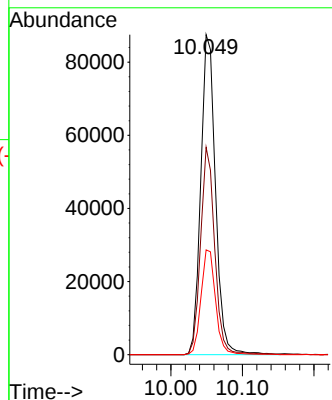
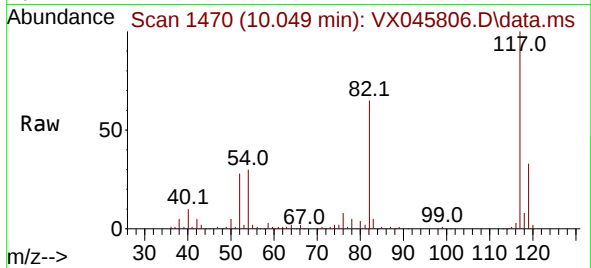




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045806.D
Acq: 16 Apr 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#64

Tgt Ion:117 Resp: 125271
Ion Ratio Lower Upper
117 100
82 64.8 49.2 73.8
119 32.7 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: VX045806.D
Acq: 16 Apr 2025 14:35

Tgt Ion:152 Resp: 52560
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 158.7 0.0 349.4

