

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045605.D
 Acq On : 04 Apr 2025 17:29
 Operator : JC/MD
 Sample : PB167448ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167448ZHE#04

Quant Time: Apr 04 23:13:49 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)

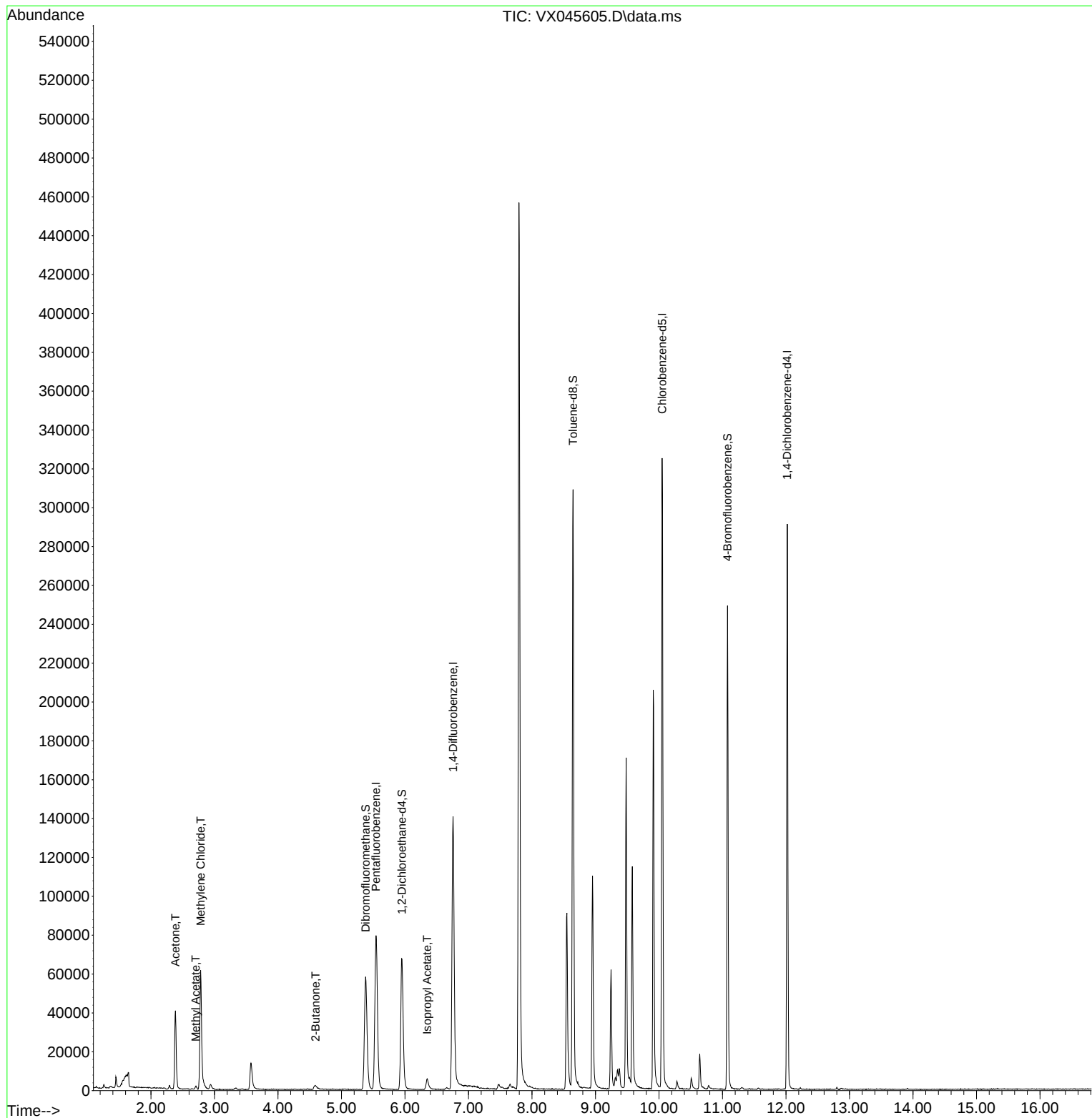
Internal Standards						
1) Pentafluorobenzene	5.544	168	68787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68812	54.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.400%	
35) Dibromofluoromethane	5.379	113	49624	51.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.380%	
50) Toluene-d8	8.647	98	174614	52.113	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.079	95	64159	52.568	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	45908	88.875	ug/l	97
18) Methyl Acetate	2.703	43	2417	2.032	ug/l	92
20) Methylene Chloride	2.782	84	28428	29.397	ug/l	98
25) 2-Butanone	4.593	43	4497	5.948	ug/l	97
43) Isopropyl Acetate	6.349	43	7539	3.045	ug/l	99

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

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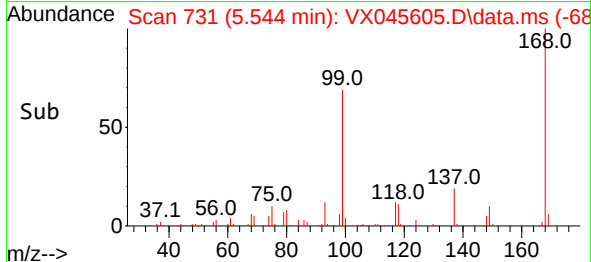
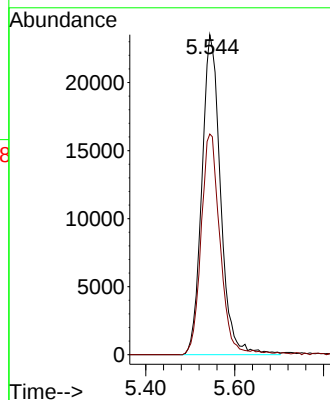
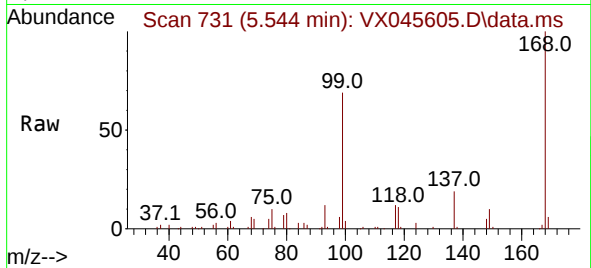




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

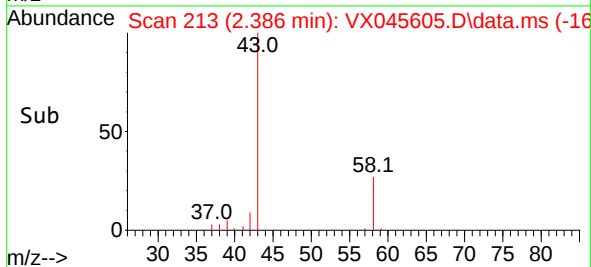
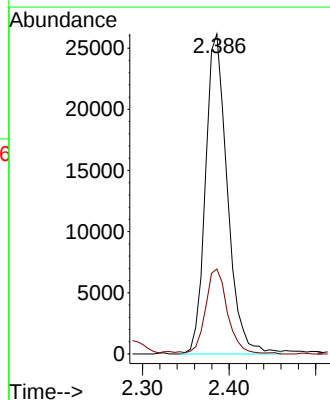
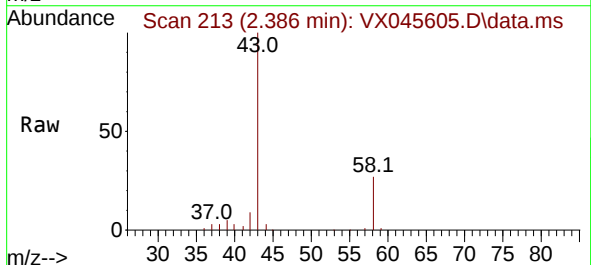
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

Tgt Ion:168 Resp: 68787
Ion Ratio Lower Upper
168 100
99 68.9 52.3 78.5



#16
Acetone
Concen: 88.875 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion: 43 Resp: 45908
Ion Ratio Lower Upper
43 100
58 26.6 22.3 33.5

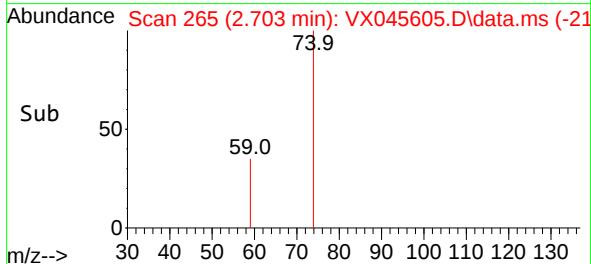
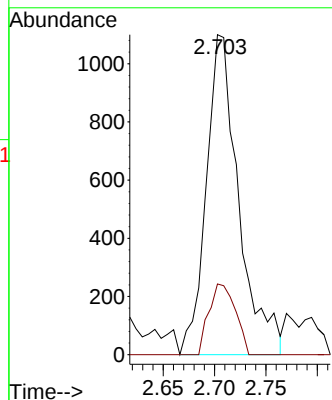
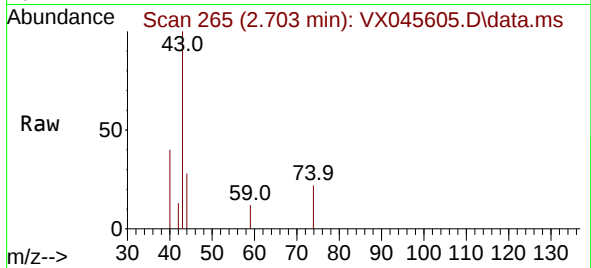




#18
Methyl Acetate
Concen: 2.032 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

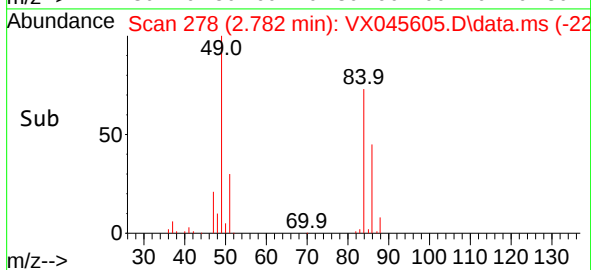
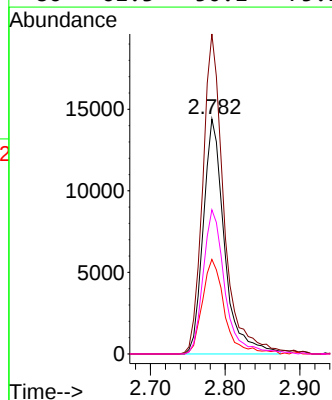
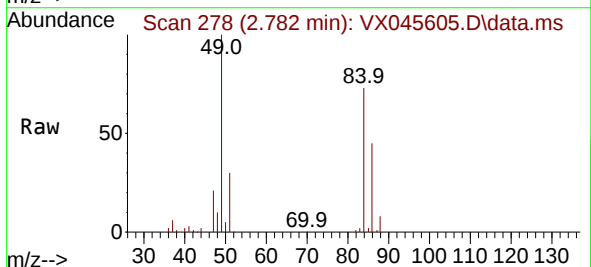
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

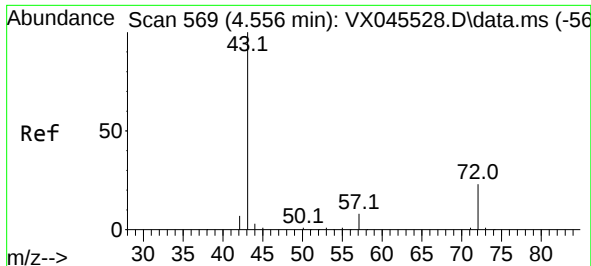
Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
74 18.0 17.5 26.3



#20
Methylene Chloride
Concen: 29.397 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion: 84 Resp: 28428
Ion Ratio Lower Upper
84 100
49 136.1 107.5 161.3
51 40.2 33.0 49.6
86 61.3 50.1 75.1

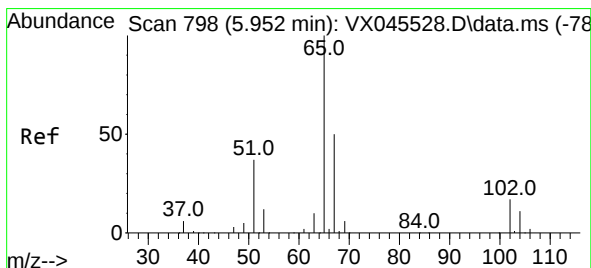
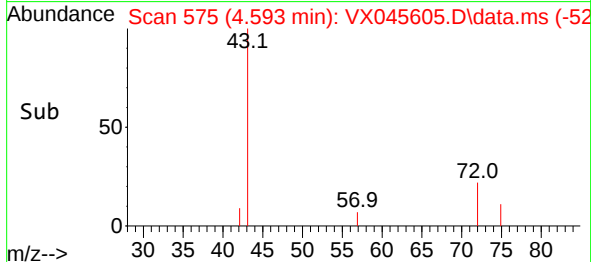
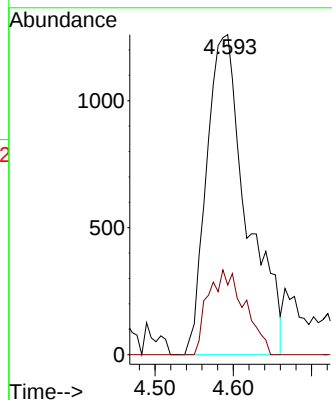
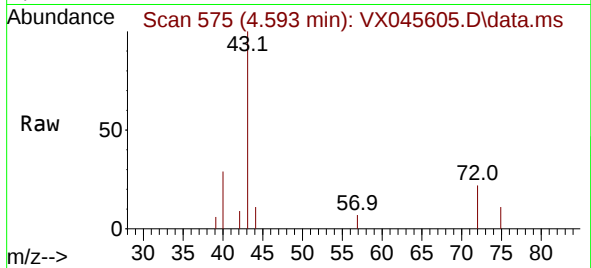




#25
2-Butanone
Concen: 5.948 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

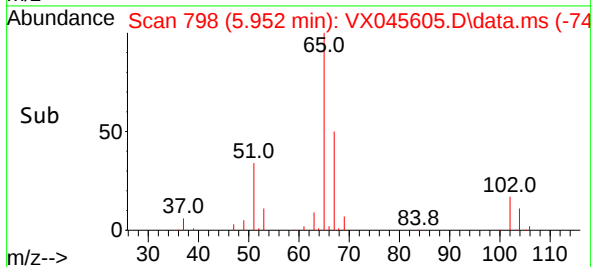
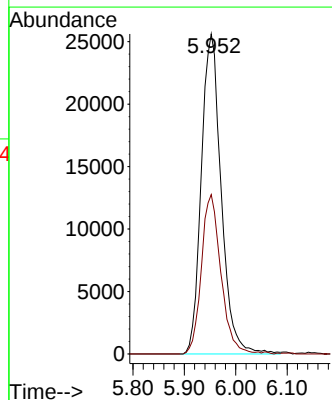
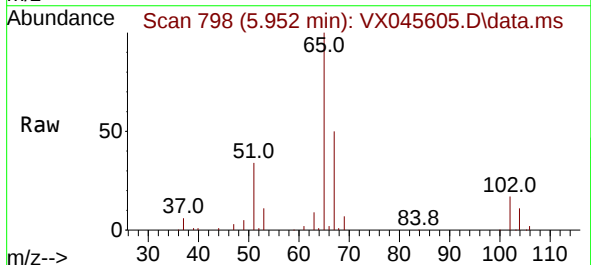
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
72 21.7 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.702 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion: 65 Resp: 68812
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

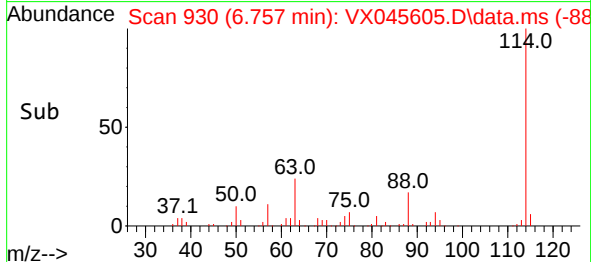
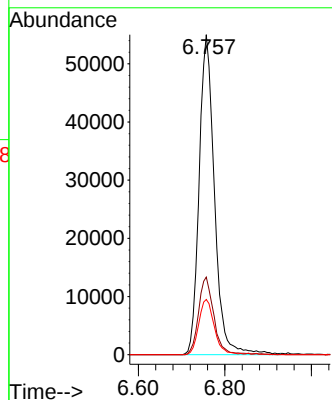
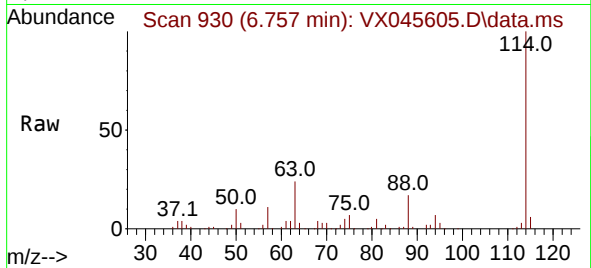




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

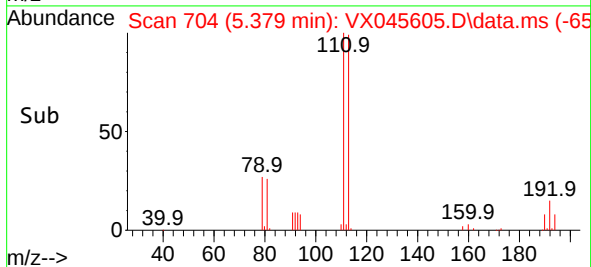
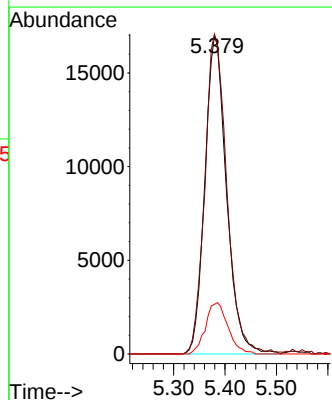
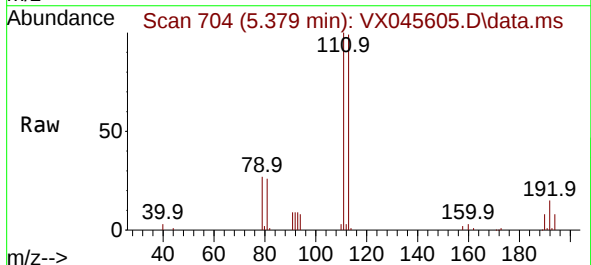
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

Tgt Ion:114 Resp: 135303
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.693 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion:113 Resp: 49624
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.7 13.8 20.6

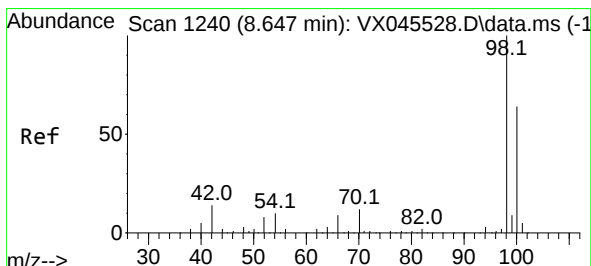
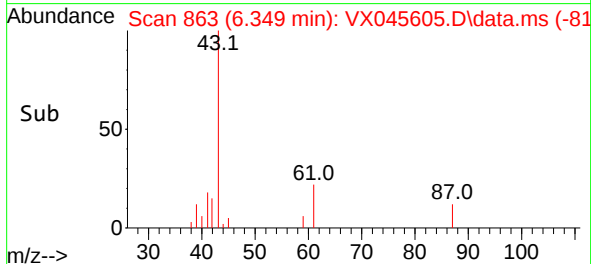
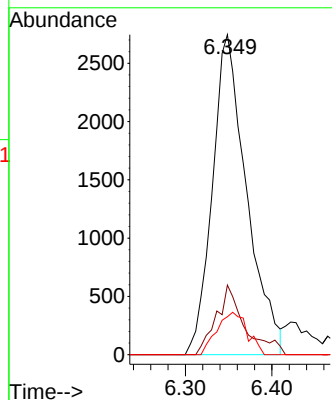
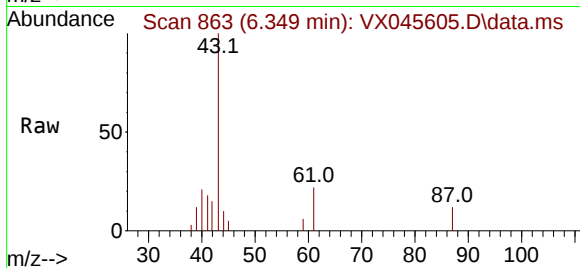




#43
Isopropyl Acetate
Concen: 3.045 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

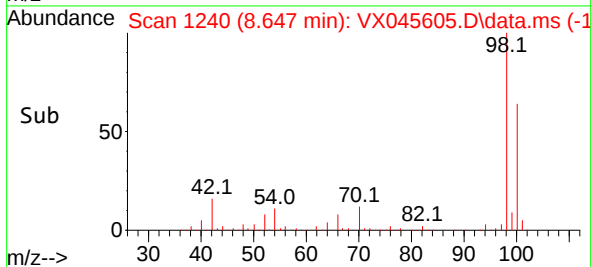
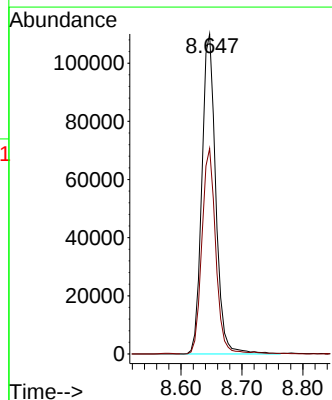
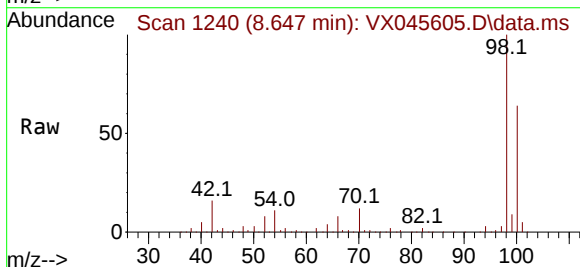
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

Tgt Ion: 43 Resp: 7539
Ion Ratio Lower Upper
43 100
61 18.2 14.1 21.1
87 11.7 9.2 13.8



#50
Toluene-d8
Concen: 52.113 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion: 98 Resp: 174614
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4

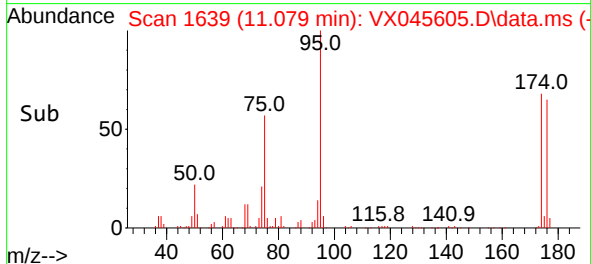
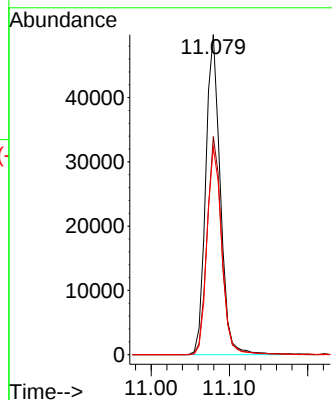
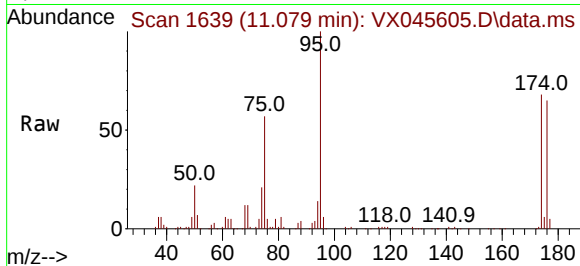




#62
4-Bromofluorobenzene
Concen: 52.568 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045605.D
Acq: 04 Apr 2025 17:29

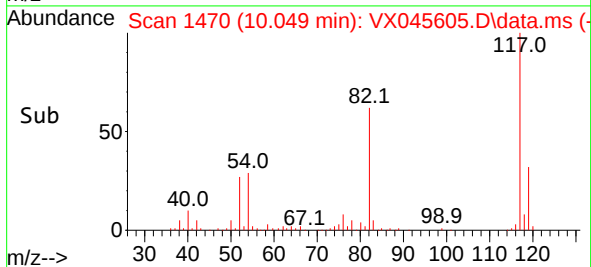
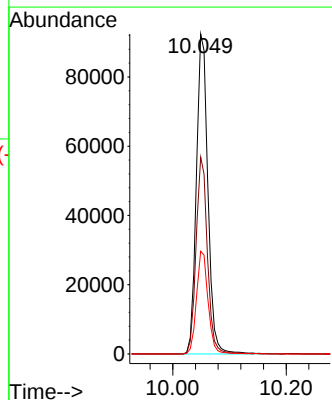
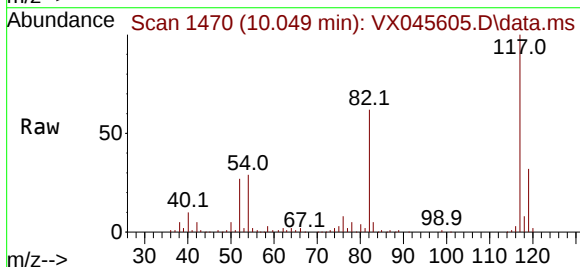
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#04

Tgt Ion: 95 Resp: 64159
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 66.0 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: VX045605.D
Acq: 04 Apr 2025 17:29

Tgt Ion: 117 Resp: 130586
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.1 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: VX045605.D

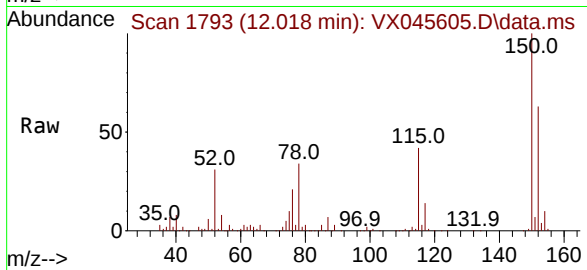
Acq: 04 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

PB167448ZHE#04



Tgt Ion:152 Resp: 52425

Ion Ratio Lower Upper

152 100

115 64.3 46.9 140.7

150 155.8 0.0 349.4

