

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045848.D
 Acq On : 18 Apr 2025 11:28
 Operator : JC/MD
 Sample : Q1825-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Quant Time: Apr 19 00:47:22 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)

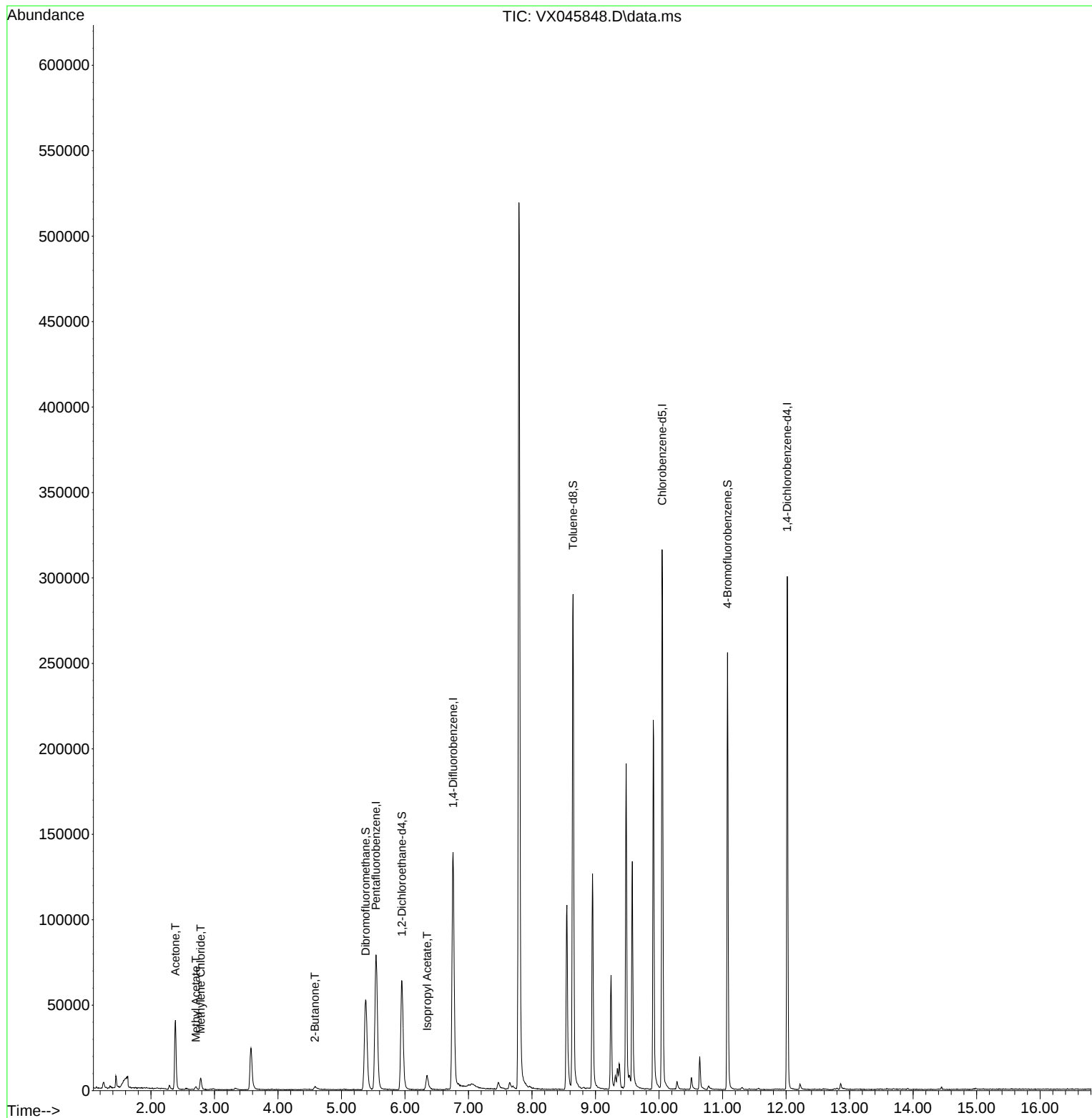
Internal Standards						
1) Pentafluorobenzene	5.544	168	68921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65939	52.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.640%
35) Dibromofluoromethane	5.379	113	47069	49.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	8.647	98	167571	50.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.079	95	65902	54.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.600%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	45014	86.975	ug/l	97
18) Methyl Acetate	2.709	43	2377	1.995	ug/l	93
20) Methylene Chloride	2.782	84	3079	3.178	ug/l	93
25) 2-Butanone	4.580	43	4312	5.692	ug/l	95
43) Isopropyl Acetate	6.348	43	12620	5.126	ug/l	99

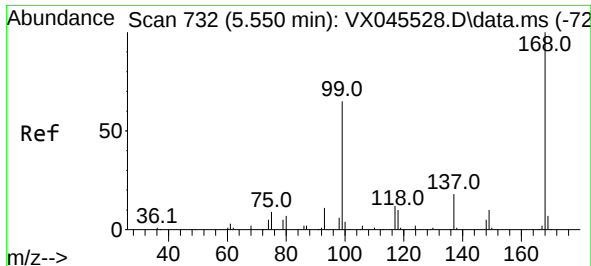
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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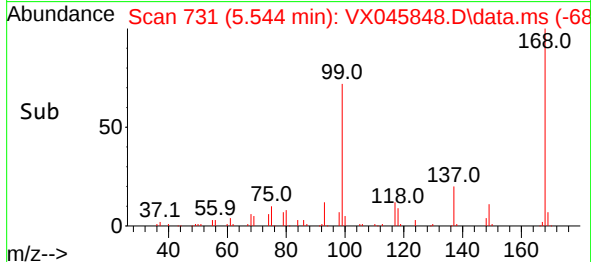
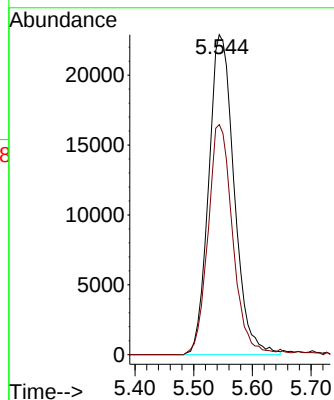
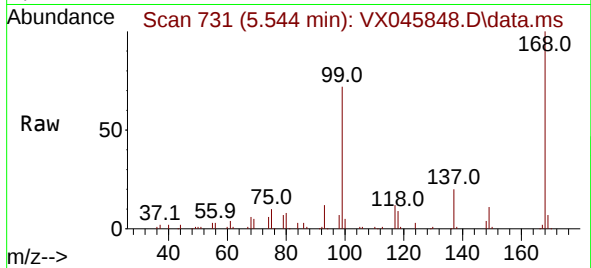




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

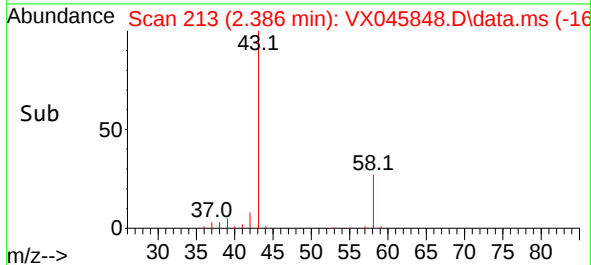
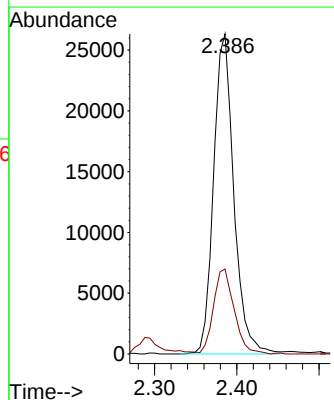
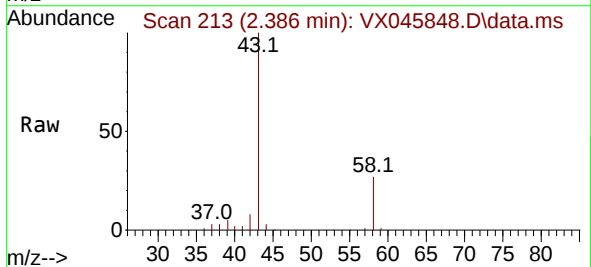
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion:168 Resp: 68921
Ion Ratio Lower Upper
168 100
99 71.9 52.3 78.5



#16
Acetone
Concen: 86.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

Tgt Ion: 43 Resp: 45014
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

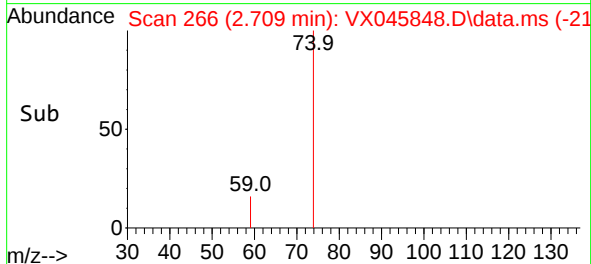
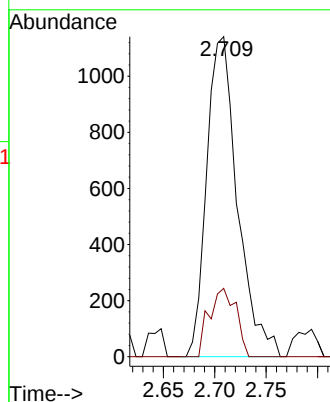
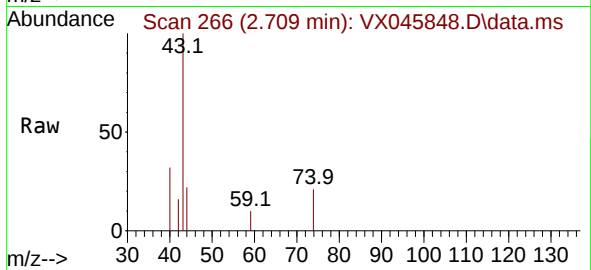




#18
Methyl Acetate
Concen: 1.995 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

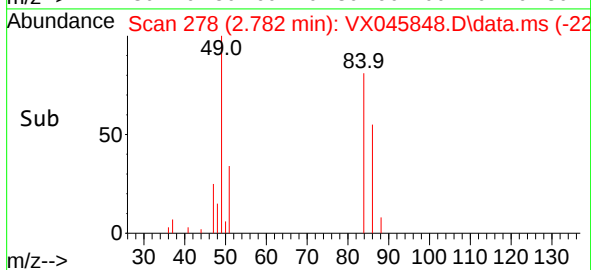
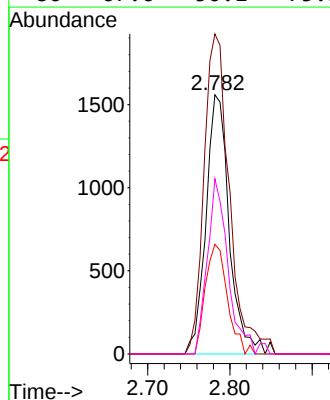
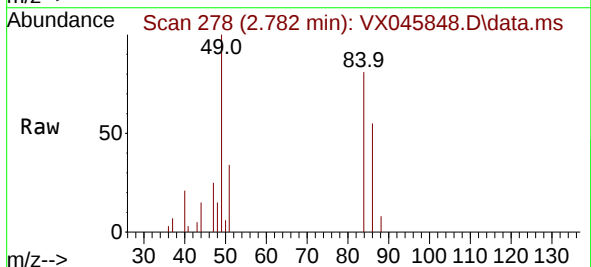
Instrument :
MSVOA_X
ClientSampleId :
TP-9

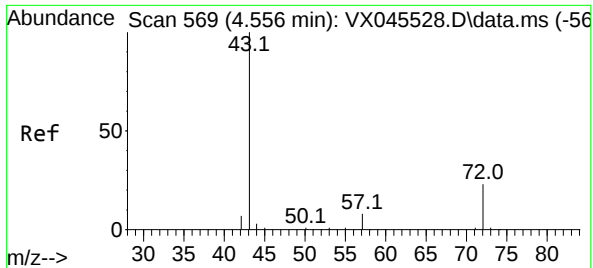
Tgt Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
74 18.6 17.5 26.3



#20
Methylene Chloride
Concen: 3.178 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

Tgt Ion: 84 Resp: 3079
Ion Ratio Lower Upper
84 100
49 123.5 107.5 161.3
51 42.3 33.0 49.6
86 67.6 50.1 75.1





#25

2-Butanone

Concen: 5.692 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX045848.D

Acq: 18 Apr 2025 11:28

Instrument :

MSVOA_X

ClientSampleId :

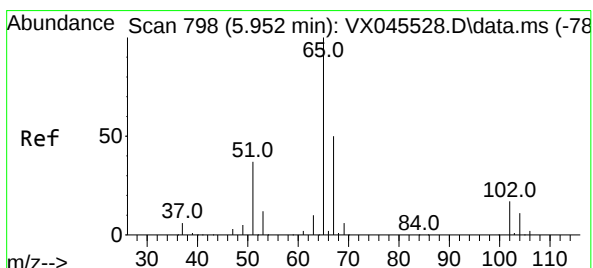
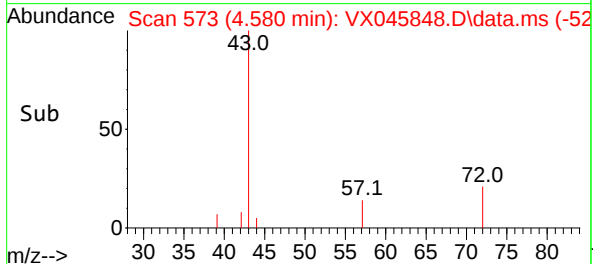
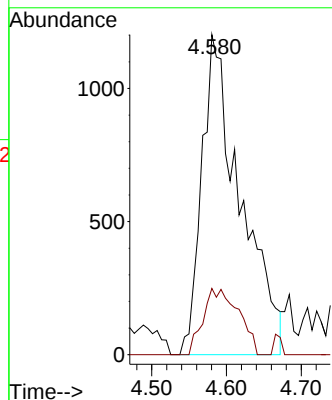
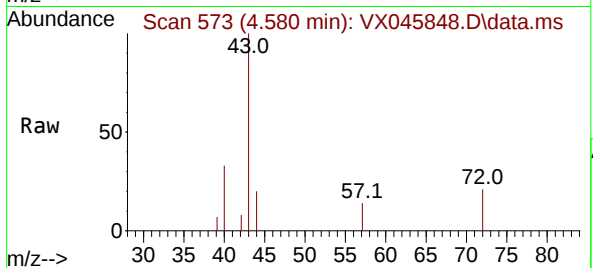
TP-9

Tgt Ion: 43 Resp: 4312

Ion Ratio Lower Upper

43 100

72 20.7 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 52.317 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045848.D

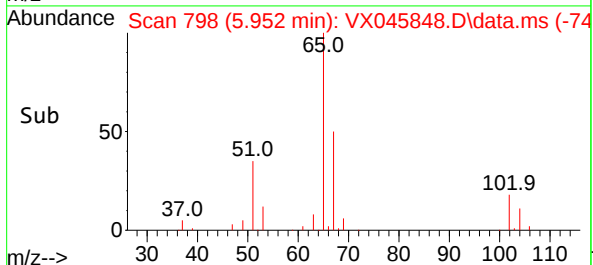
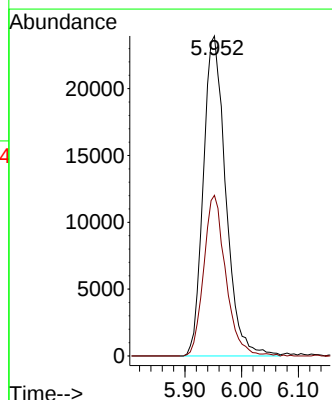
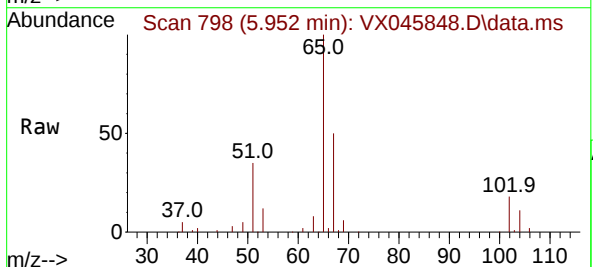
Acq: 18 Apr 2025 11:28

Tgt Ion: 65 Resp: 65939

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0

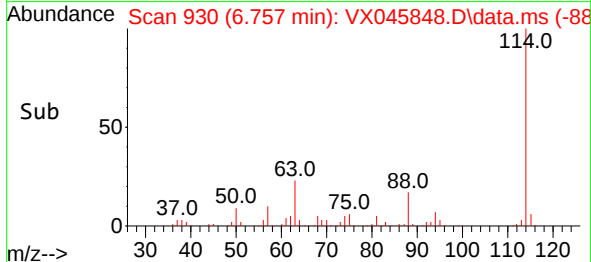
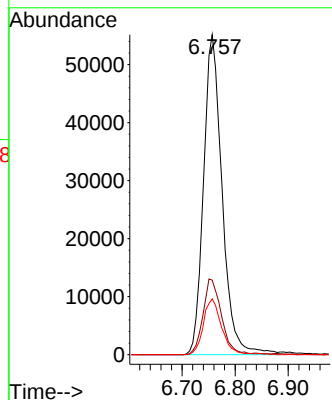
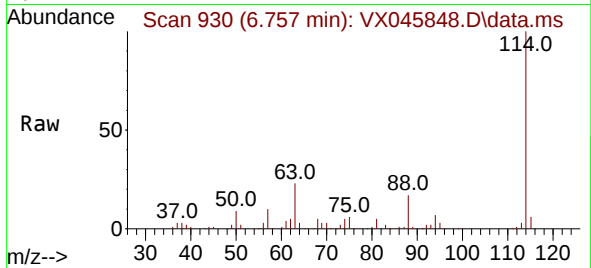




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

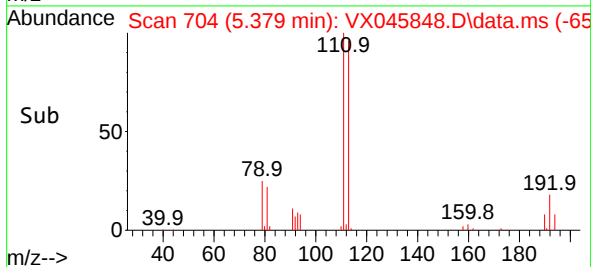
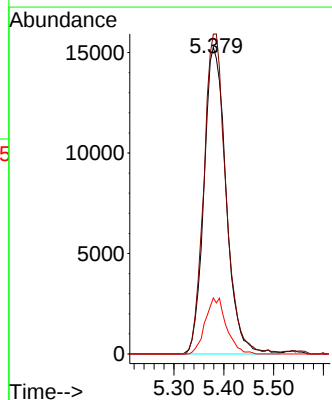
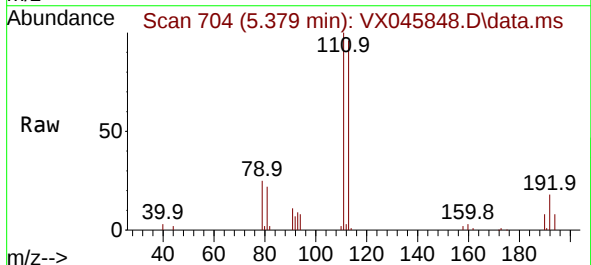
Instrument :
MSVOA_X
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TP-9

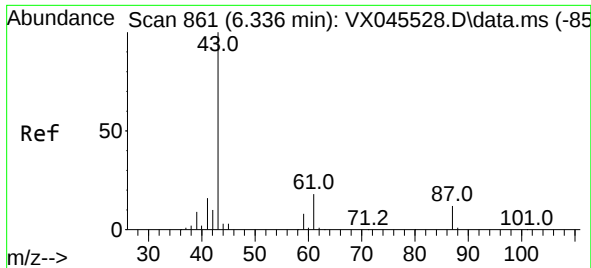
Tgt Ion:114 Resp: 134555
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.304 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

Tgt Ion:113 Resp: 47069
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 17.4 13.8 20.6

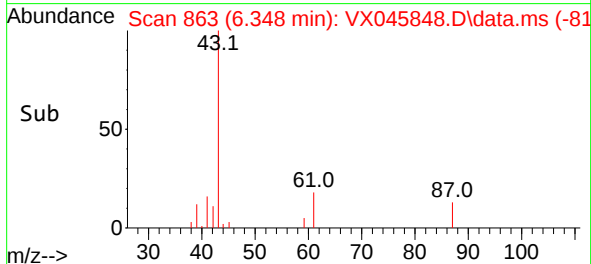
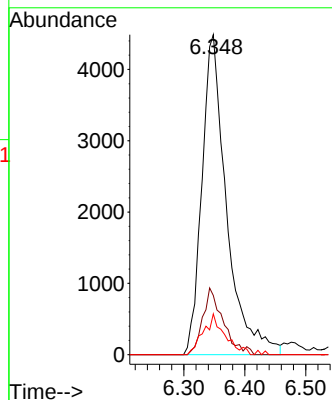
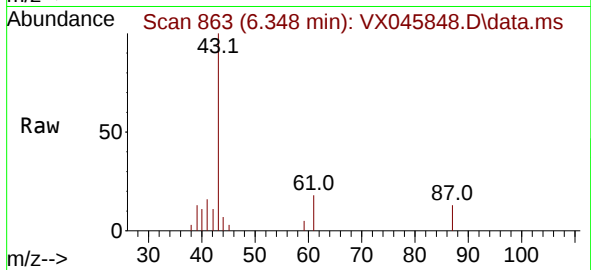




#43
Isopropyl Acetate
Concen: 5.126 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

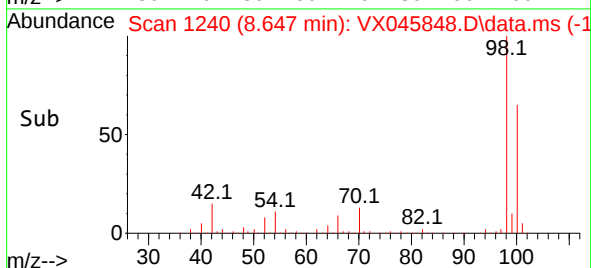
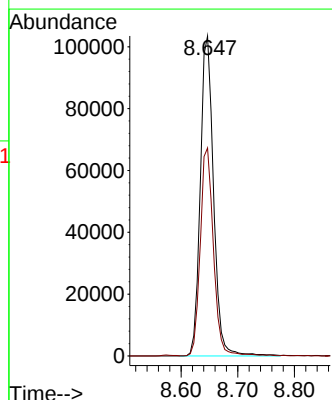
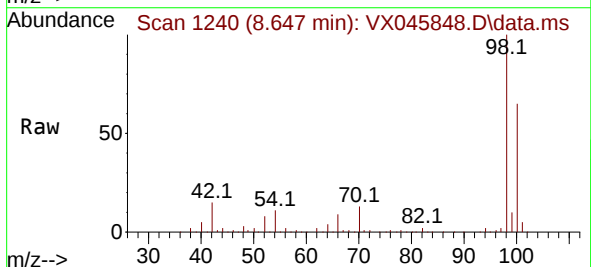
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion: 43 Resp: 12620
Ion Ratio Lower Upper
43 100
61 17.3 14.1 21.1
87 11.1 9.2 13.8



#50
Toluene-d8
Concen: 50.289 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

Tgt Ion: 98 Resp: 167571
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

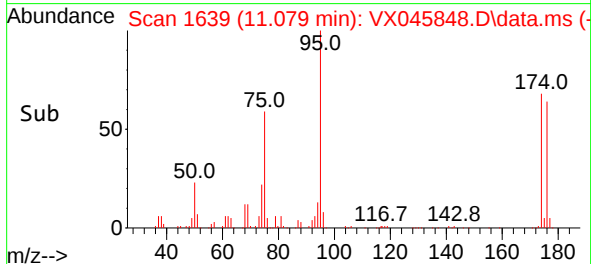
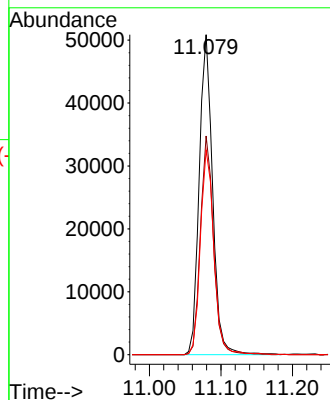
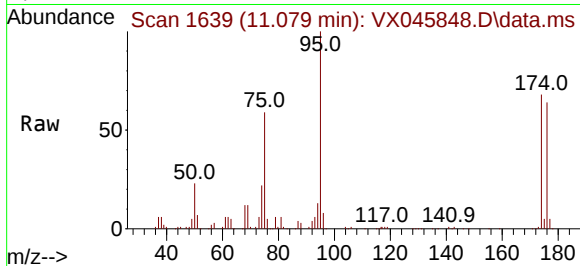




#62
4-Bromofluorobenzene
Concen: 54.296 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

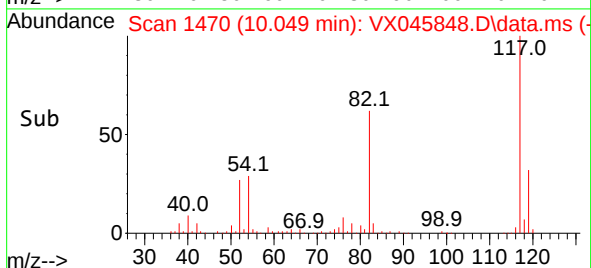
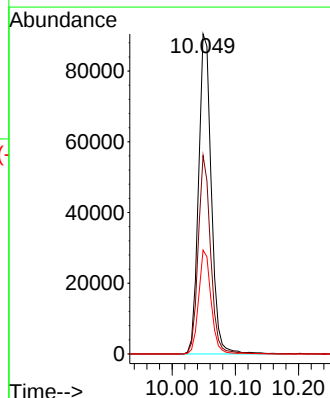
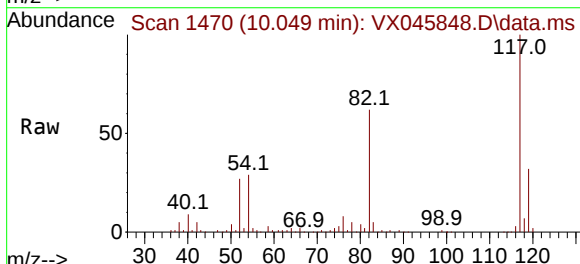
Instrument :
MSVOA_X
ClientSampleId :
TP-9

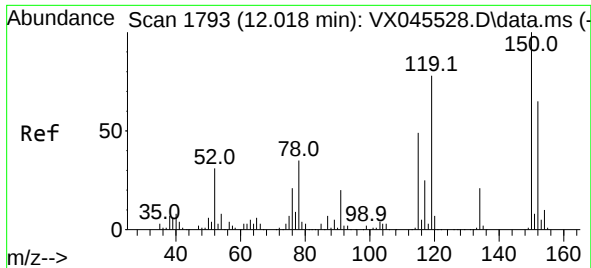
Tgt Ion: 95 Resp: 65902
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045848.D
Acq: 18 Apr 2025 11:28

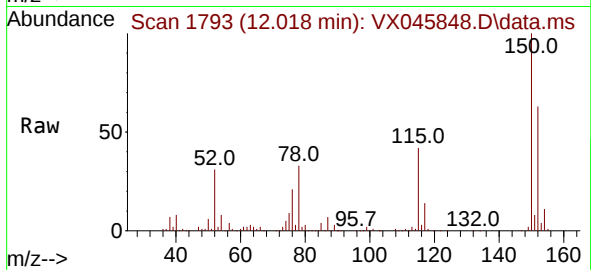
Tgt Ion: 117 Resp: 127493
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045848.D
 Acq: 18 Apr 2025 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9



Tgt Ion:152 Resp: 54590
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 157.9 0.0 349.4

