

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045849.D
 Acq On : 18 Apr 2025 11:51
 Operator : JC/MD
 Sample : Q1825-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Quant Time: Apr 18 23:36:17 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)

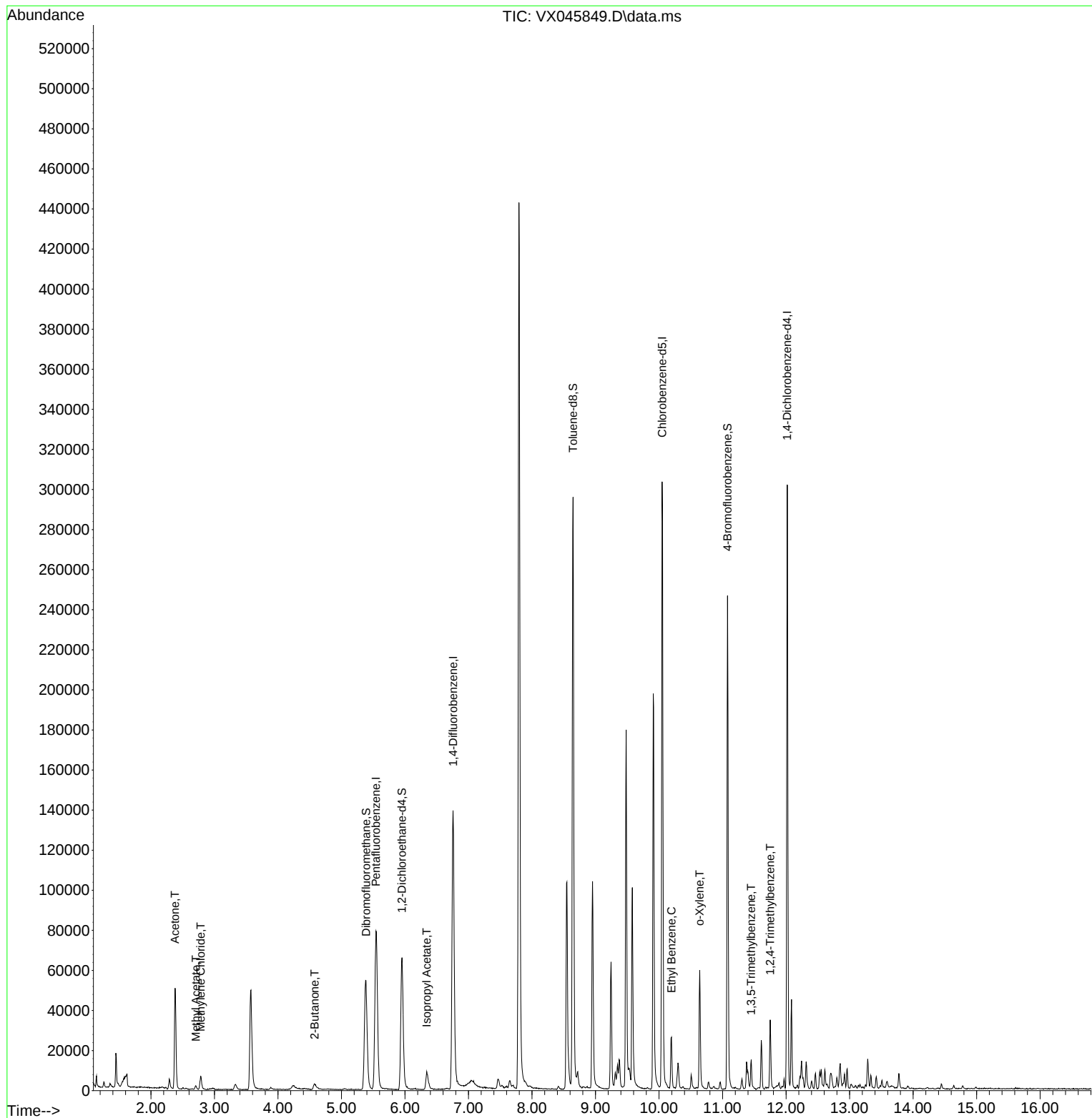
Internal Standards						
1) Pentafluorobenzene	5.544	168	69011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68019	53.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.800%	
35) Dibromofluoromethane	5.385	113	48189	49.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.480%	
50) Toluene-d8	8.647	98	168954	49.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	11.079	95	63061	51.198	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.400%	
Target Compounds						
16) Acetone	2.380	43	55878	107.826	ug/l	Qvalue 96
18) Methyl Acetate	2.709	43	2395	2.007	ug/l	95
20) Methylene Chloride	2.782	84	2985	3.077	ug/l	96
25) 2-Butanone	4.574	43	6856	9.038	ug/l	95
43) Isopropyl Acetate	6.342	43	12645	5.061	ug/l	98
67) Ethyl Benzene	10.195	91	16233	3.390	ug/l	97
69) o-Xylene	10.640	106	8416	4.905	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6465	1.801	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	14791	4.106	ug/l	99

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

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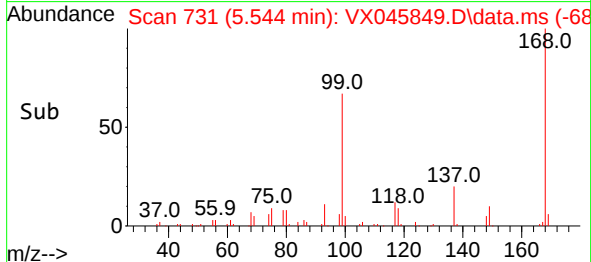
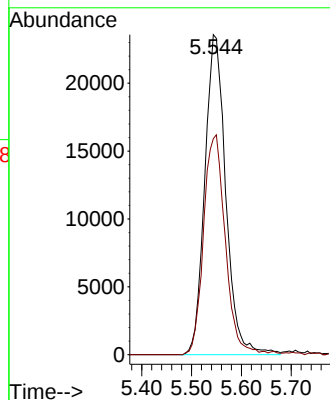
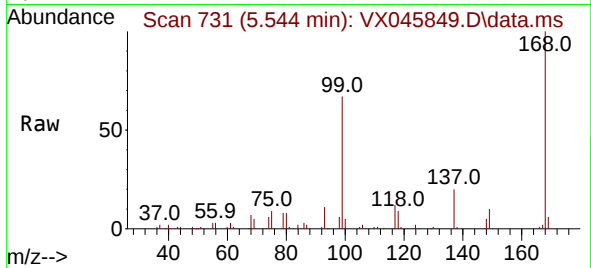




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

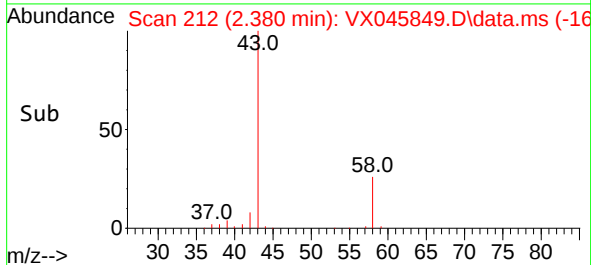
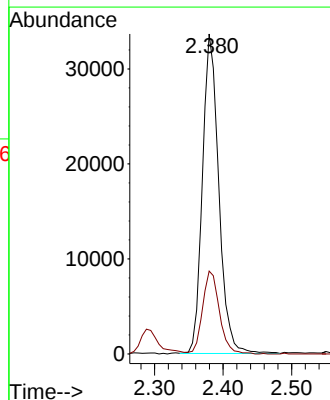
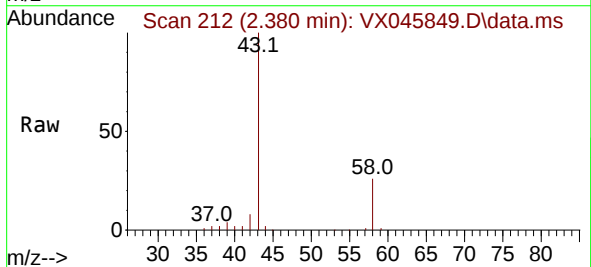
Instrument :
MSVOA_X
ClientSampleId :
TP-10

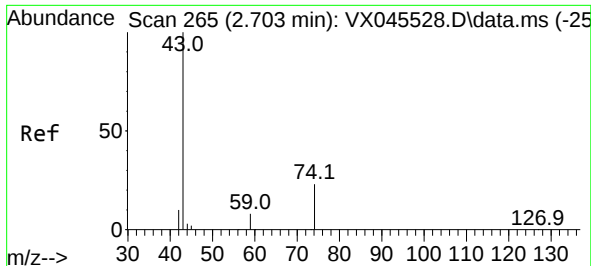
Tgt Ion:168 Resp: 69011
Ion Ratio Lower Upper
168 100
99 67.5 52.3 78.5



#16
Acetone
Concen: 107.826 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

Tgt Ion: 43 Resp: 55878
Ion Ratio Lower Upper
43 100
58 25.9 22.3 33.5

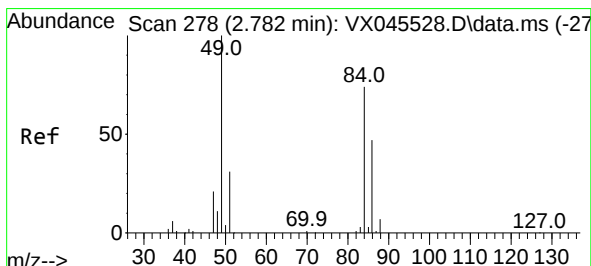
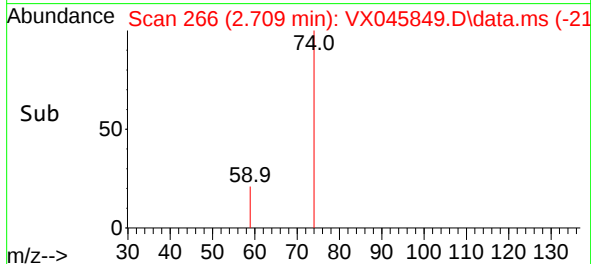
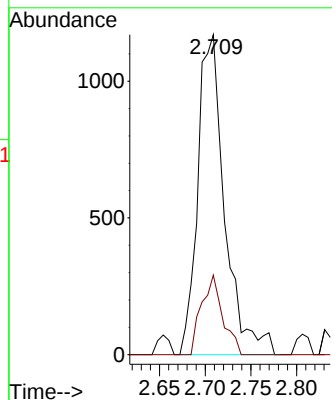
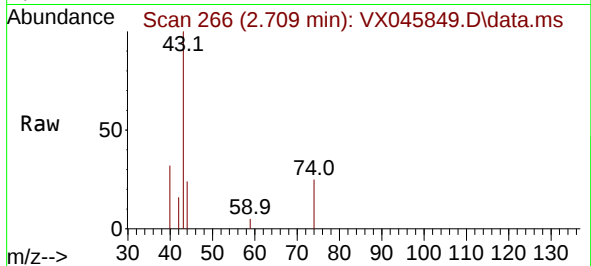




#18
Methyl Acetate
Concen: 2.007 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

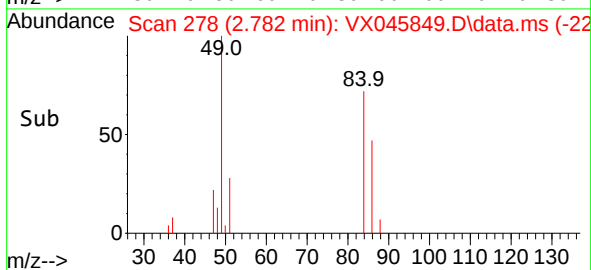
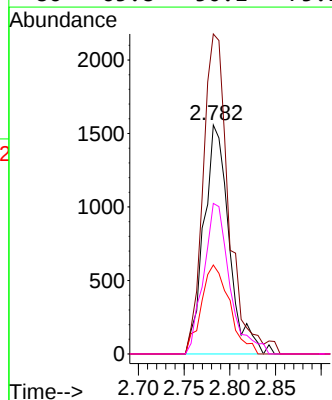
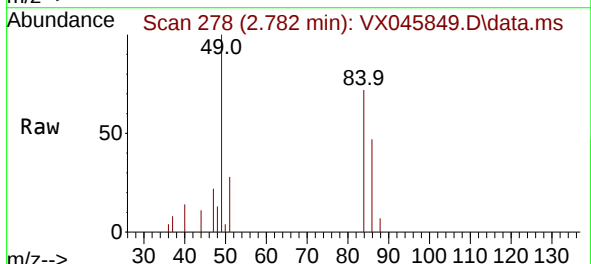
Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
74 19.6 17.5 26.3



#20
Methylene Chloride
Concen: 3.077 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
49 139.7 107.5 161.3
51 38.8 33.0 49.6
86 65.8 50.1 75.1

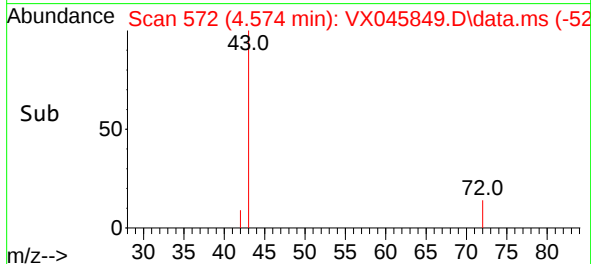
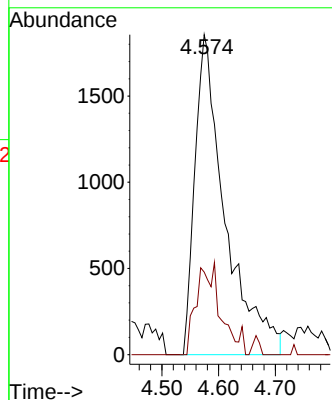
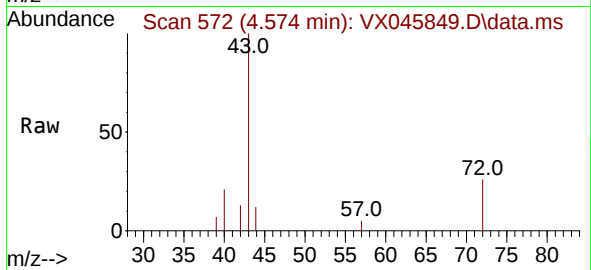




#25
2-Butanone
Concen: 9.038 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

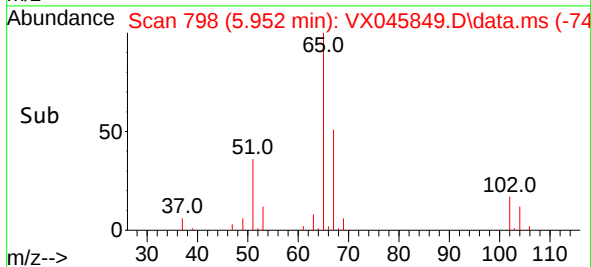
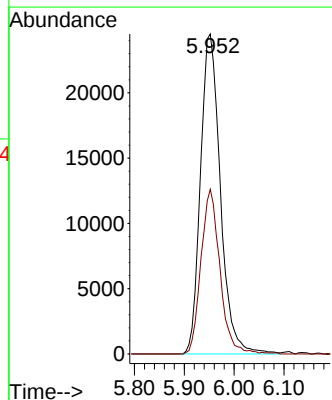
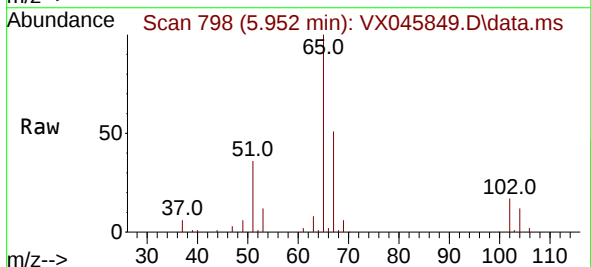
Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tgt Ion: 43 Resp: 6856
Ion Ratio Lower Upper
43 100
72 25.8 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 53.896 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

Tgt Ion: 65 Resp: 68019
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

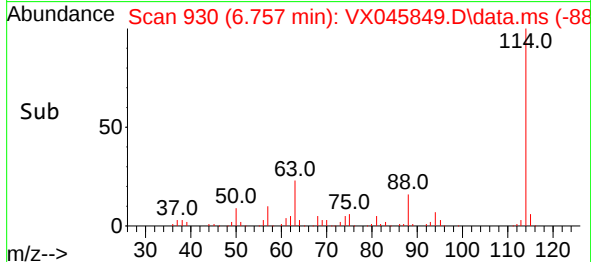
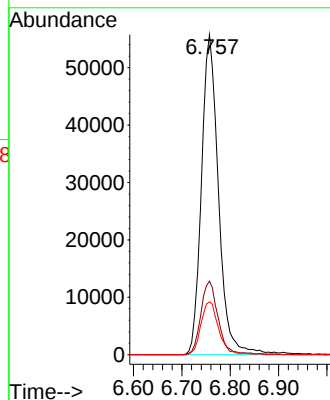
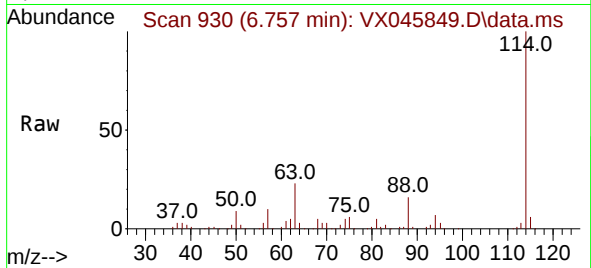




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045849.D
 Acq: 18 Apr 2025 11:51

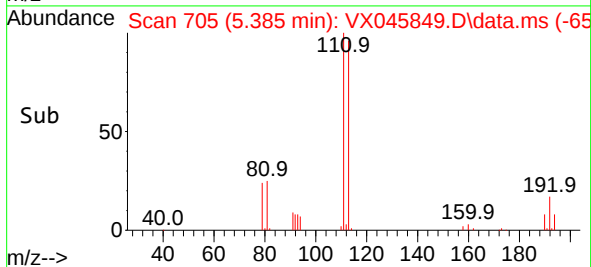
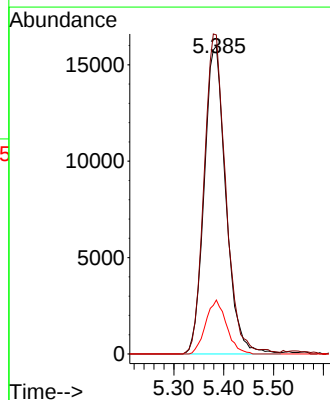
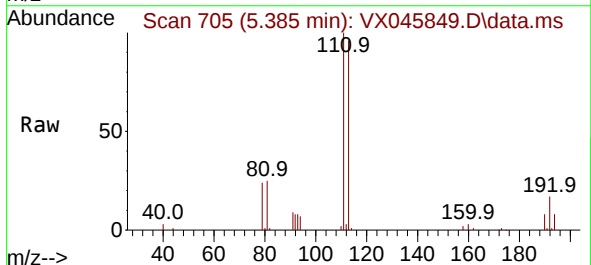
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Tgt Ion:114 Resp: 136547
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.8
 88 16.5 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 49.741 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045849.D
 Acq: 18 Apr 2025 11:51

Tgt Ion:113 Resp: 48189
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.6
 192 16.8 13.8 20.6

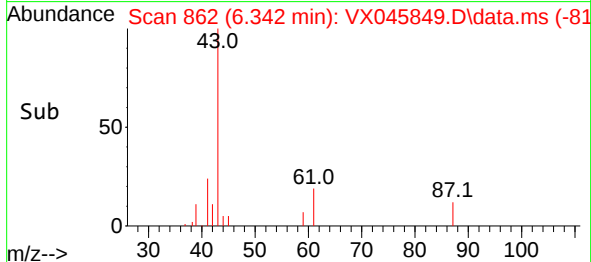
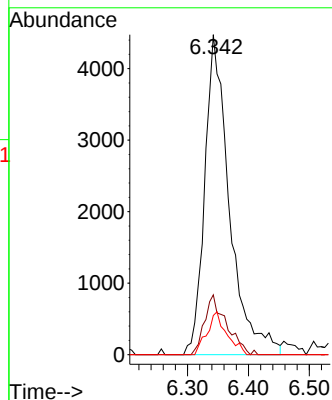
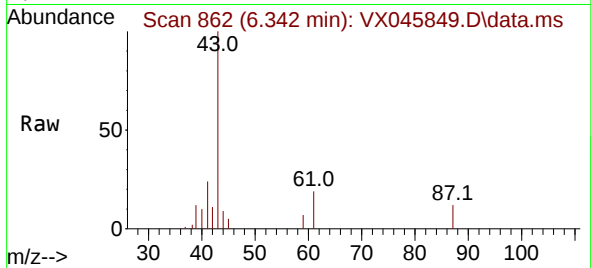




#43
Isopropyl Acetate
Concen: 5.061 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

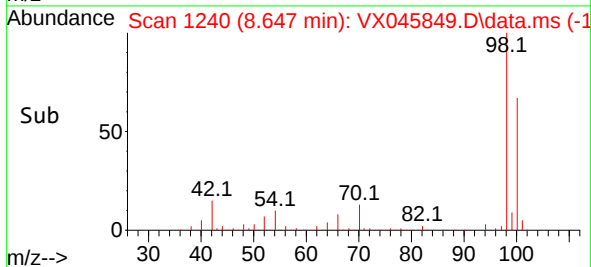
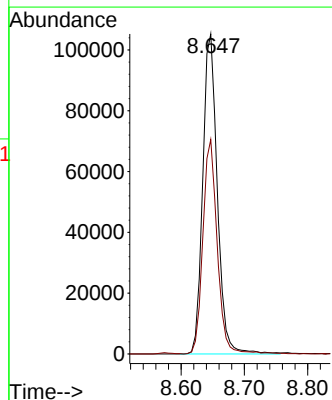
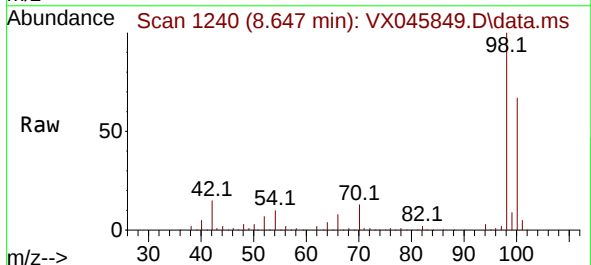
Instrument :
MSVOA_X
ClientSampleId :
TP-10

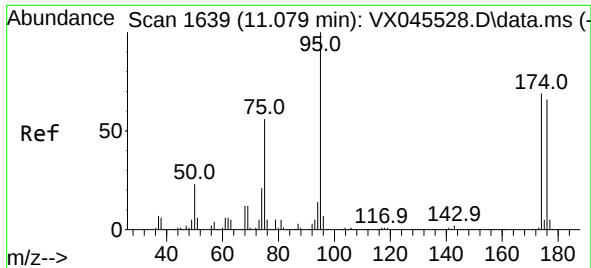
Tgt Ion: 43 Resp: 12645
Ion Ratio Lower Upper
43 100
61 16.6 14.1 21.1
87 10.6 9.2 13.8



#50
Toluene-d8
Concen: 49.964 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

Tgt Ion: 98 Resp: 168954
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4

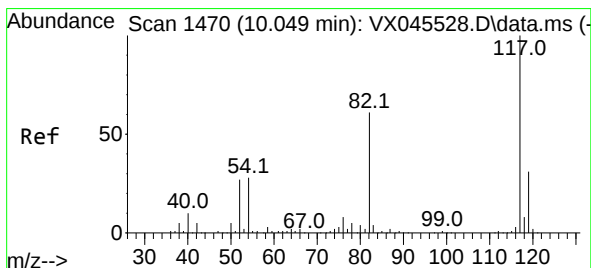
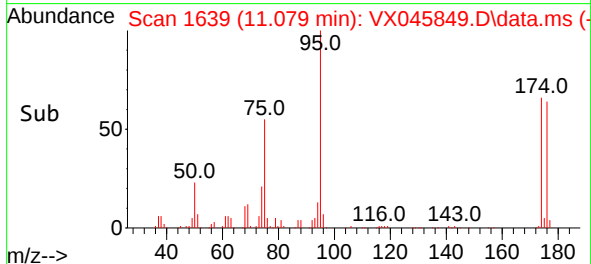
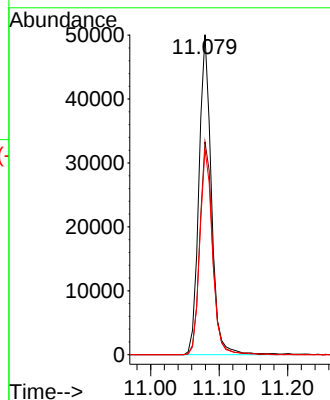
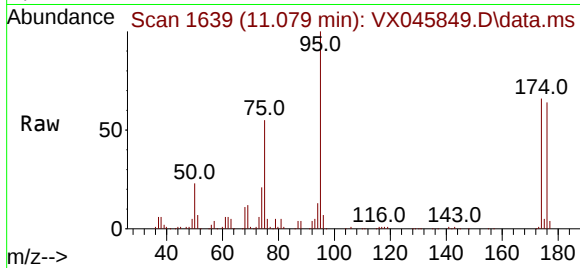




#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

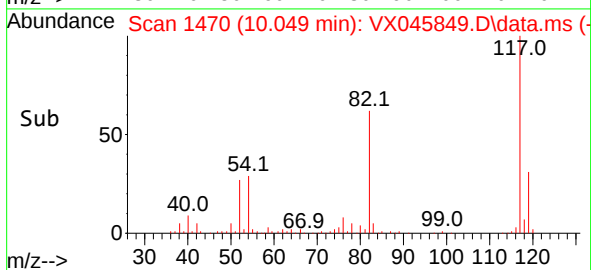
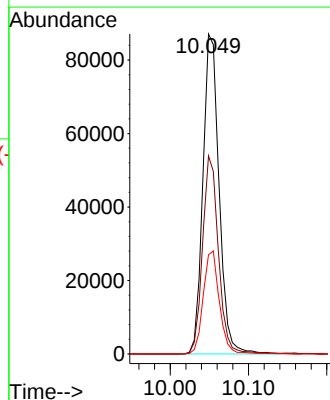
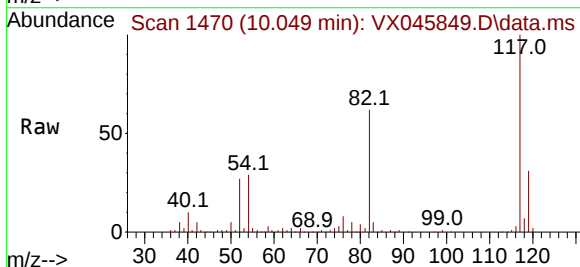
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ClientSampleId :
TP-10

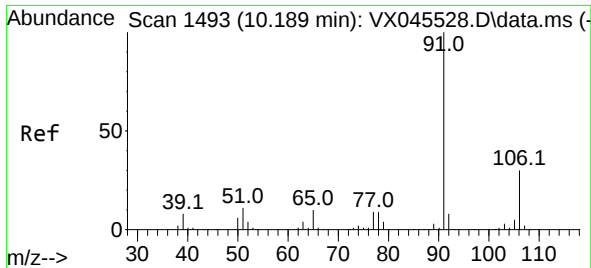
Tgt Ion: 95 Resp: 63061
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045849.D
Acq: 18 Apr 2025 11:51

Tgt Ion: 117 Resp: 125119
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.0 25.1 37.7





#67

Ethyl Benzene

Concen: 3.390 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045849.D

Acq: 18 Apr 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

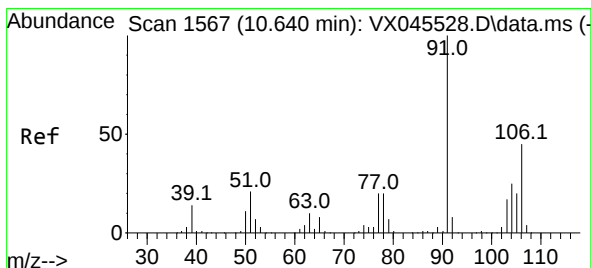
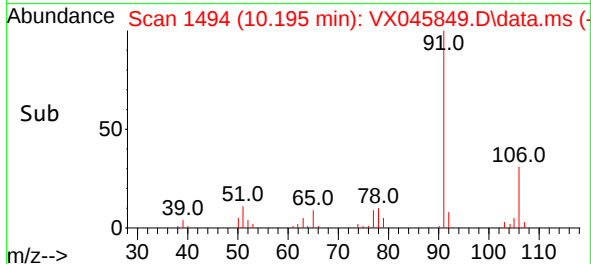
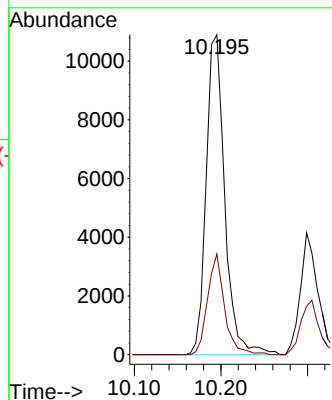
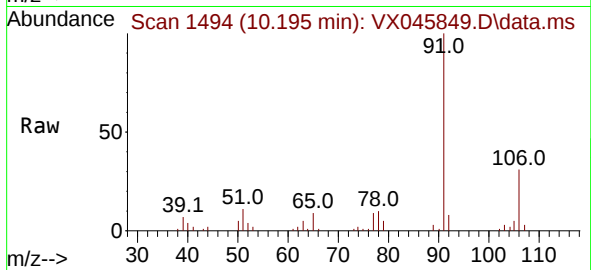
TP-10

Tgt Ion: 91 Resp: 16233

Ion Ratio Lower Upper

91 100

106 31.5 23.7 35.5



#69

o-Xylene

Concen: 4.905 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045849.D

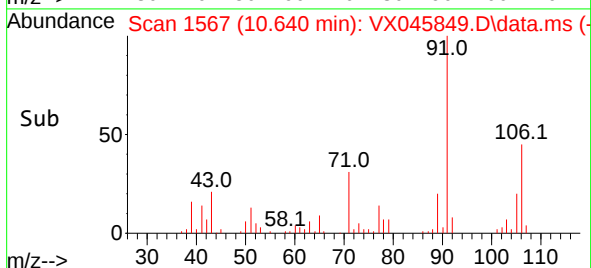
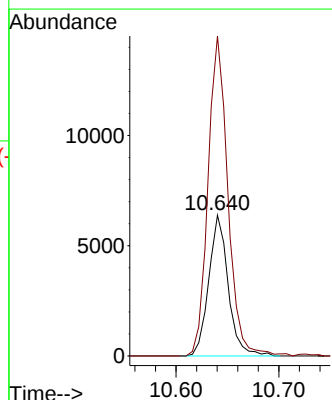
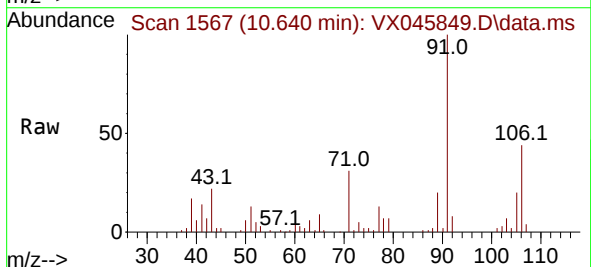
Acq: 18 Apr 2025 11:51

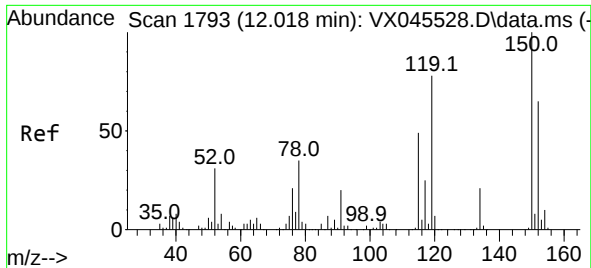
Tgt Ion:106 Resp: 8416

Ion Ratio Lower Upper

106 100

91 231.7 113.6 340.6

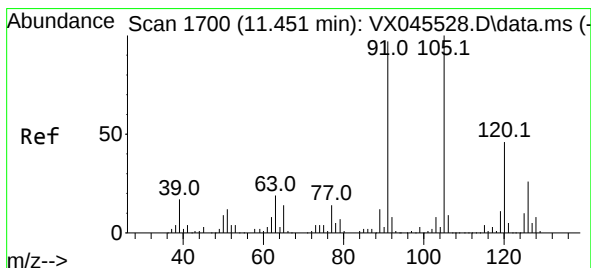
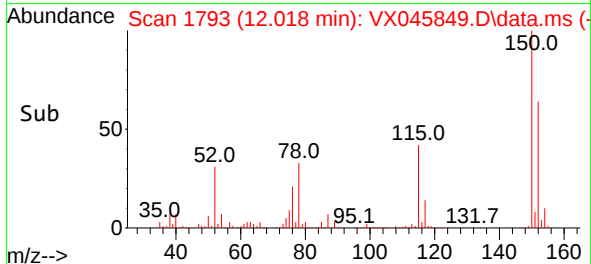
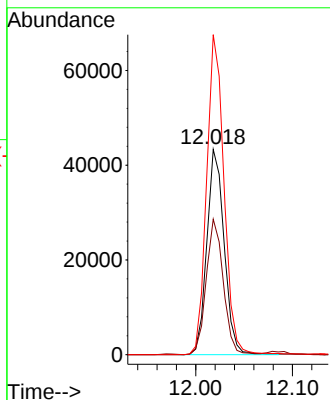
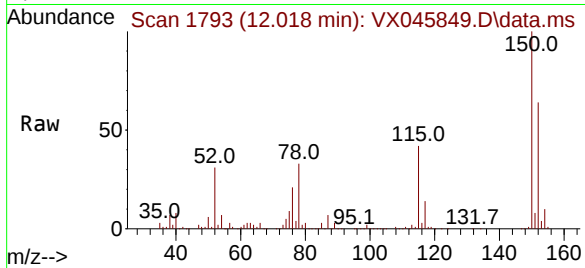




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045849.D
 Acq: 18 Apr 2025 11:51

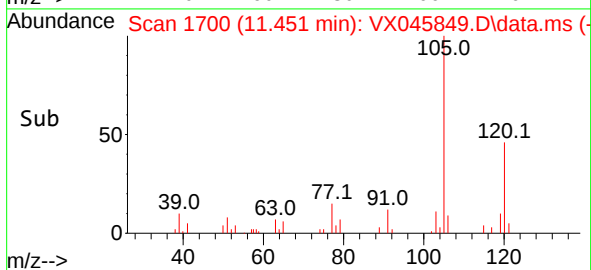
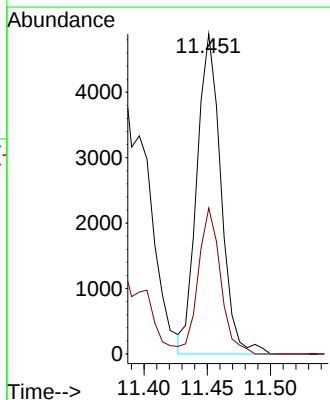
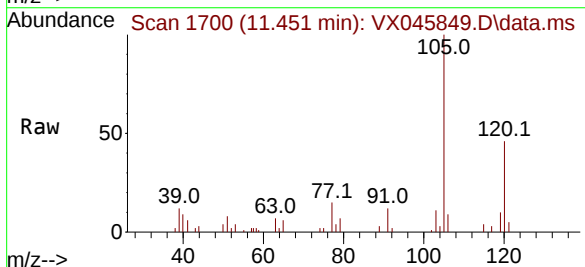
Instrument :
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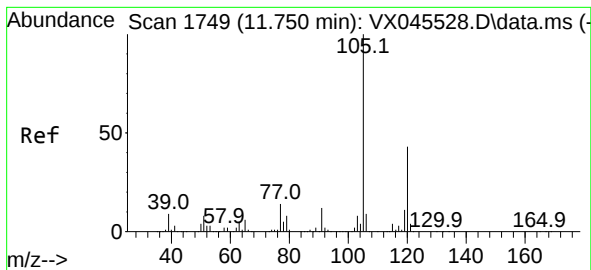
Tgt Ion:152 Resp: 54182
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 156.1 0.0 349.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.801 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX045849.D
 Acq: 18 Apr 2025 11:51

Tgt Ion:105 Resp: 6465
 Ion Ratio Lower Upper
 105 100
 120 42.4 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 4.106 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045849.D

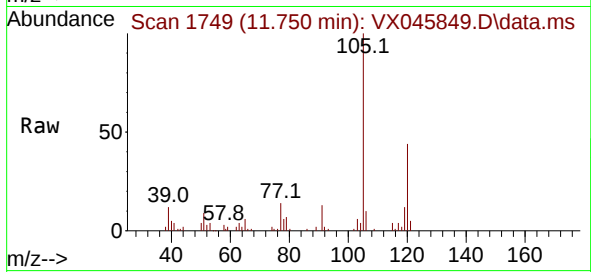
Acq: 18 Apr 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

TP-10



Tgt Ion:105 Resp: 14791

Ion Ratio Lower Upper

105 100

120 42.5 21.4 64.3

