

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045677.D
 Acq On : 09 Apr 2025 15:43
 Operator : JC/MD
 Sample : PB167492TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492TB

Quant Time: Apr 10 01:36:01 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)

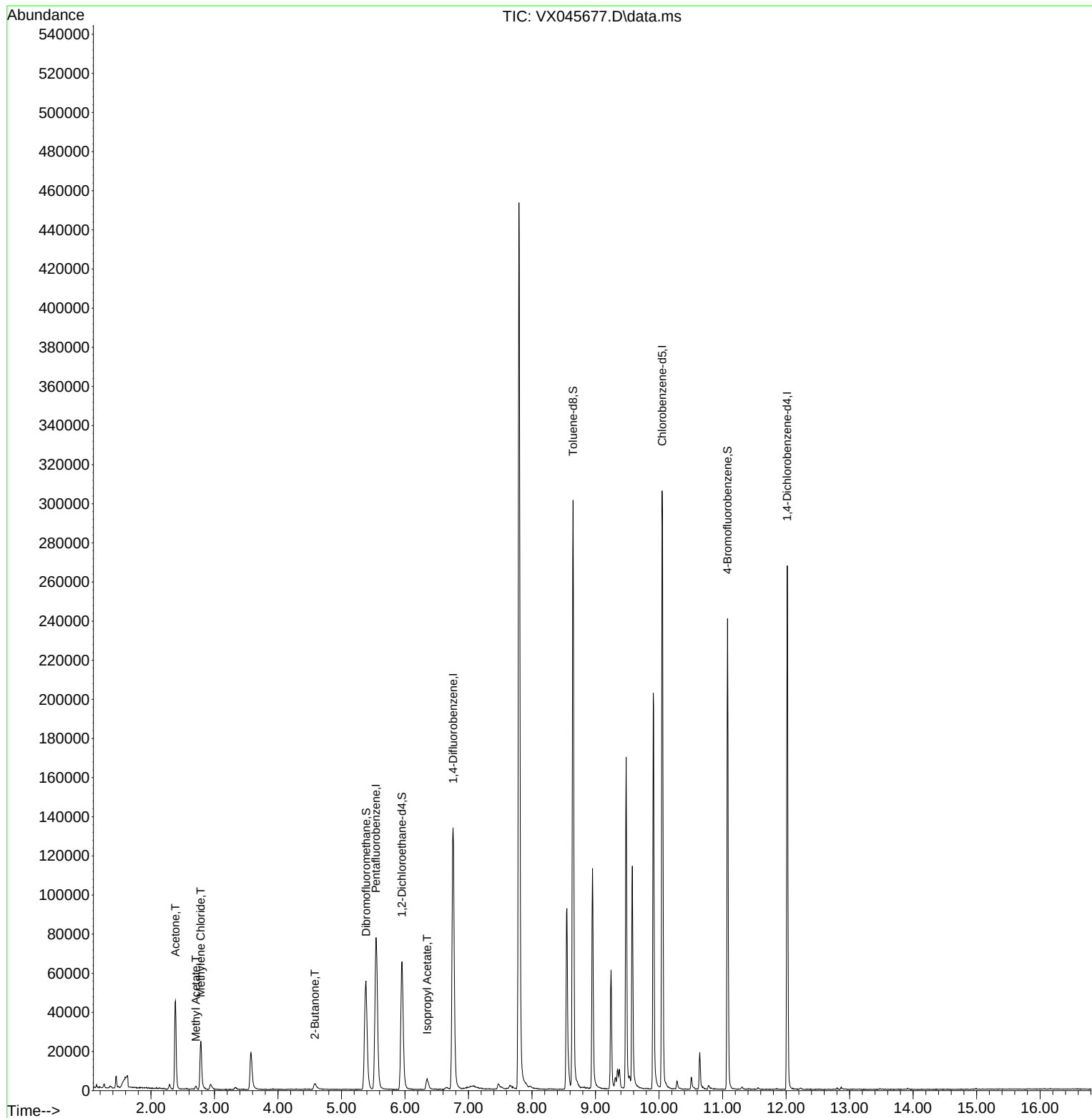
Internal Standards						
1) Pentafluorobenzene	5.544	168	66565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67635	55.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.120%
35) Dibromofluoromethane	5.385	113	48016	51.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	8.647	98	168107	51.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	11.079	95	62629	52.367	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.740%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	52130	104.290	ug/l	96
18) Methyl Acetate	2.709	43	2101	1.826	ug/l #	86
20) Methylene Chloride	2.782	84	11787	12.596	ug/l	95
25) 2-Butanone	4.581	43	6831	9.336	ug/l	94
43) Isopropyl Acetate	6.348	43	8196	3.378	ug/l	96

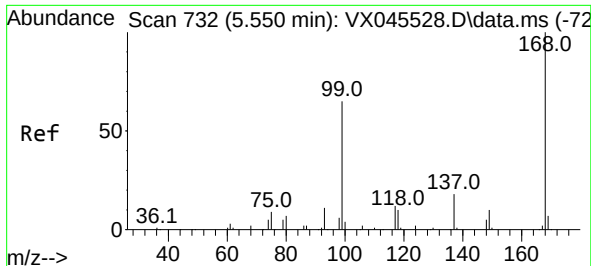
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 10 01:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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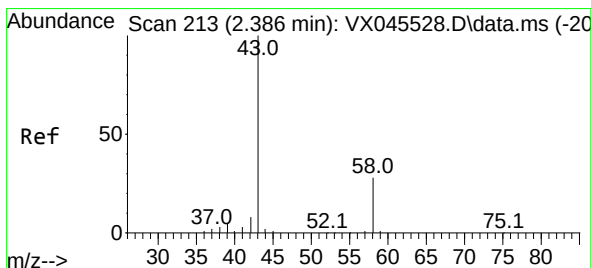
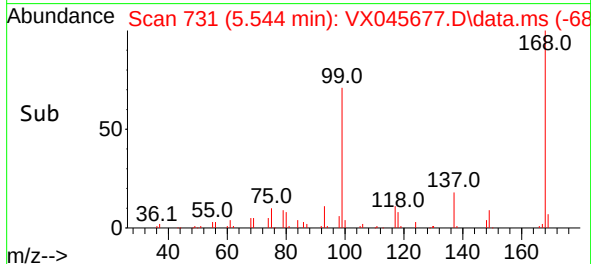
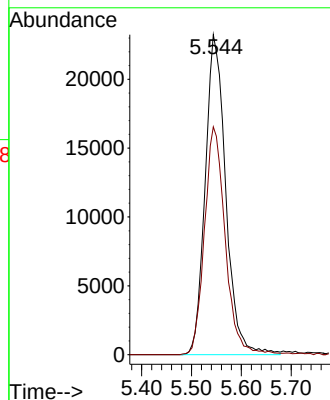
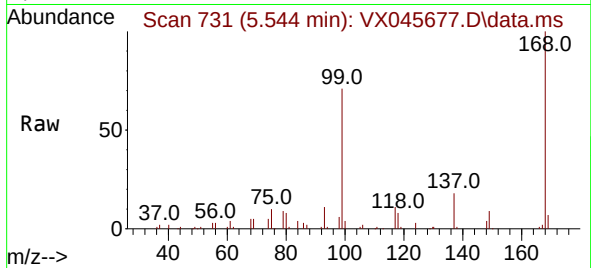




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

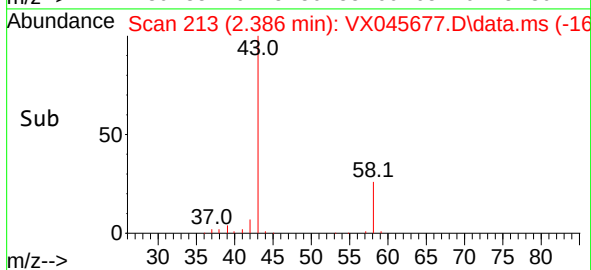
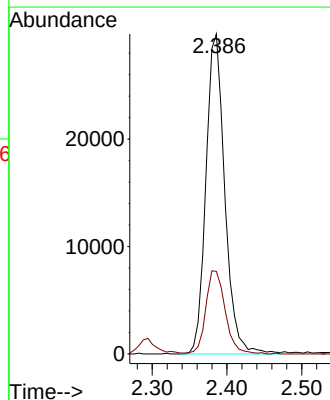
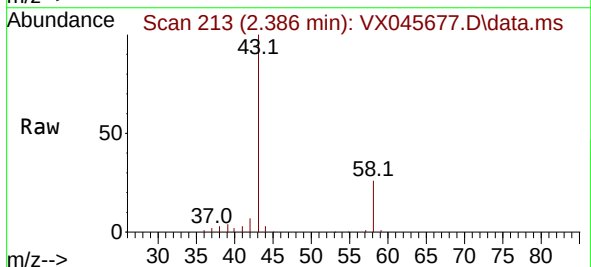
Instrument :
MSVOA_X
ClientSampleId :
PB167492TB

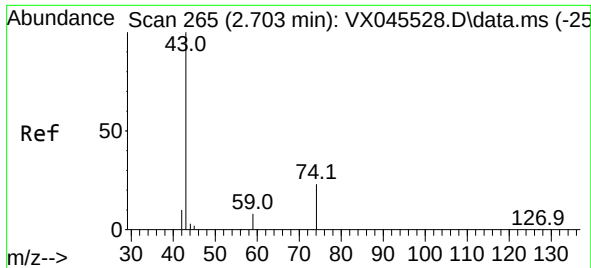
Tgt Ion:168 Resp: 66565
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#16
Acetone
Concen: 104.290 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion: 43 Resp: 52130
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5

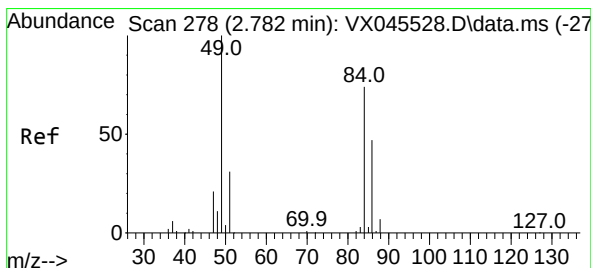
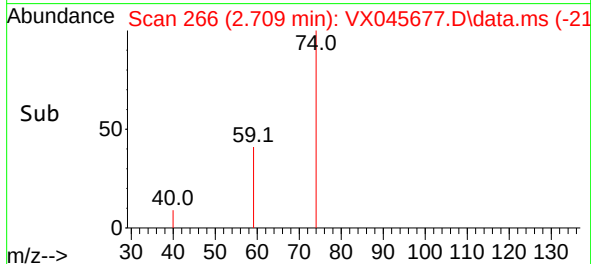
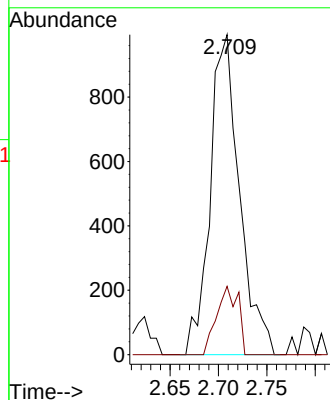
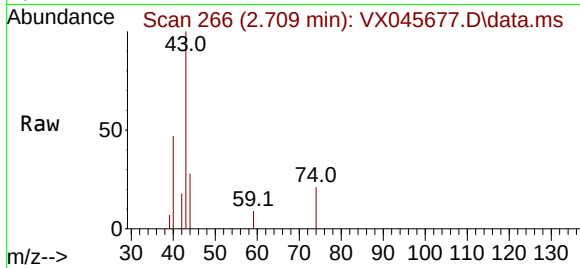




#18
Methyl Acetate
Concen: 1.826 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

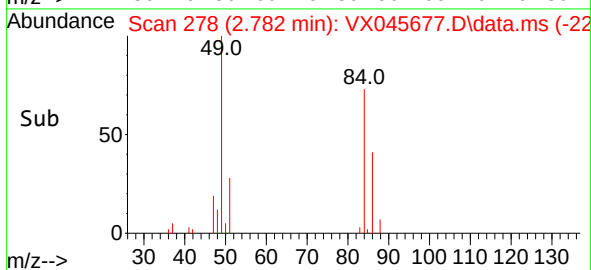
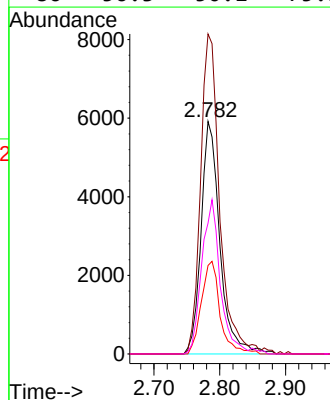
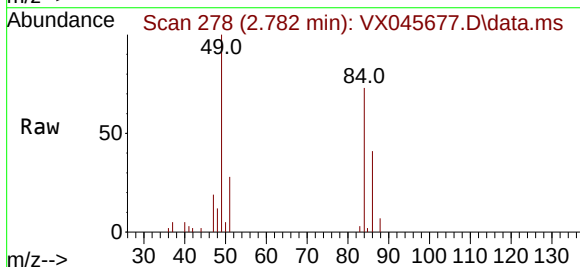
Instrument :
MSVOA_X
ClientSampleId :
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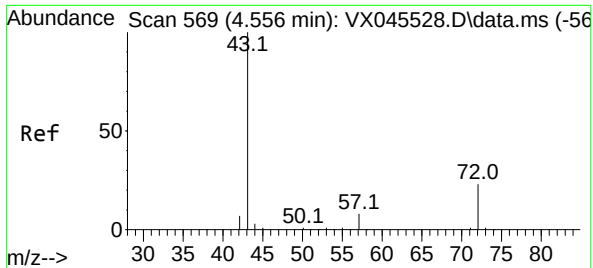
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
74 15.5 17.5 26.3#



#20
Methylene Chloride
Concen: 12.596 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion: 84 Resp: 11787
Ion Ratio Lower Upper
84 100
49 137.7 107.5 161.3
51 38.1 33.0 49.6
86 56.3 50.1 75.1

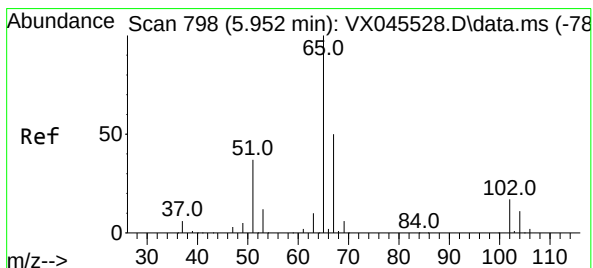
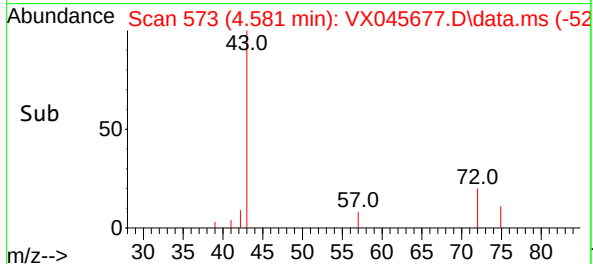
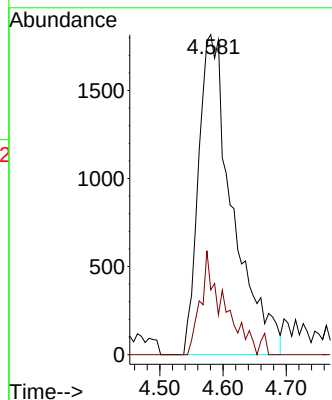
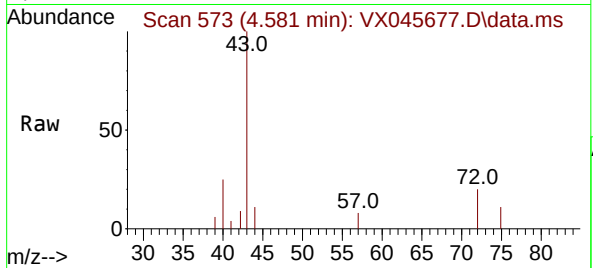




#25
2-Butanone
Concen: 9.336 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

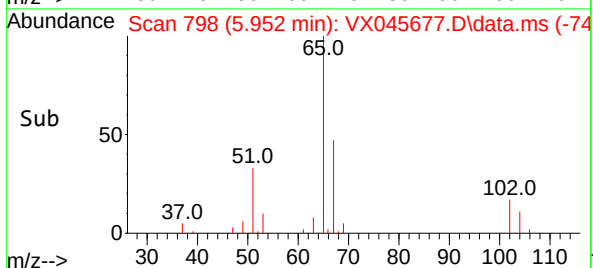
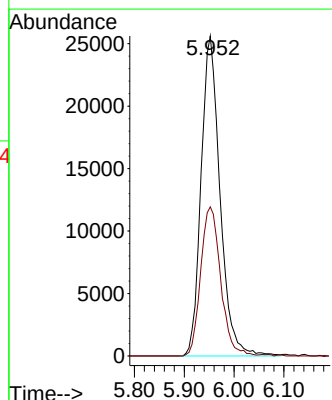
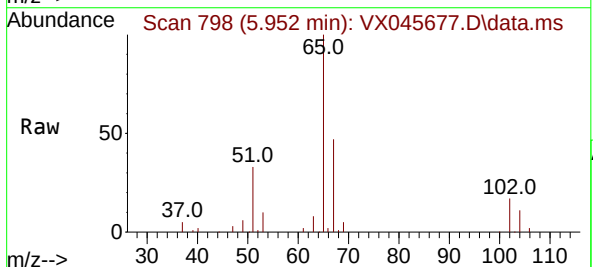
Instrument :
MSVOA_X
ClientSampleId :
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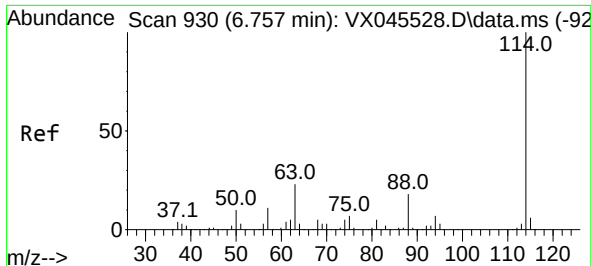
Tgt Ion: 43 Resp: 6831
Ion Ratio Lower Upper
43 100
72 20.3 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.561 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion: 65 Resp: 67635
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

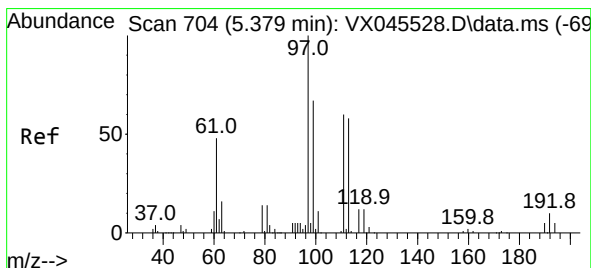
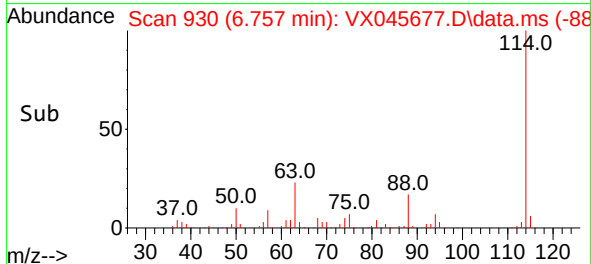
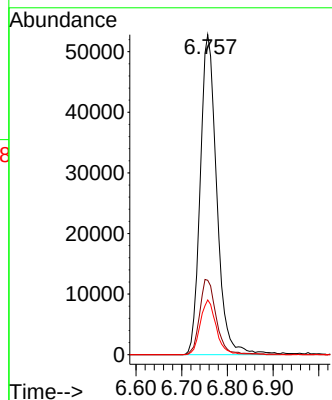
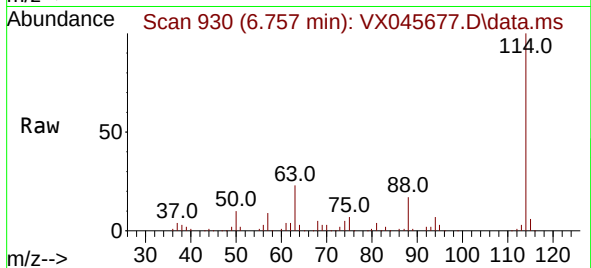




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

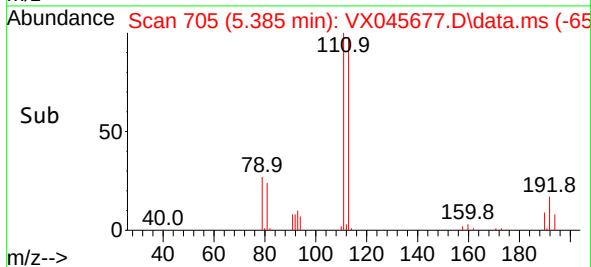
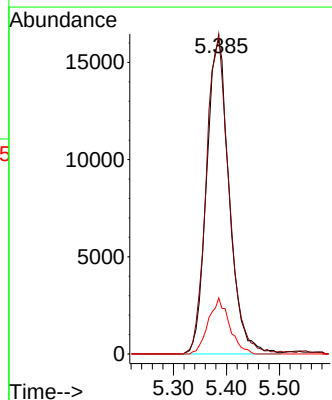
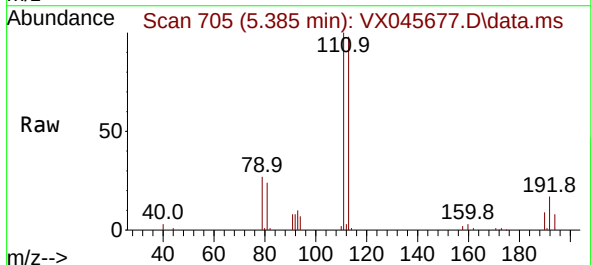
Instrument :
MSVOA_X
ClientSampleId :
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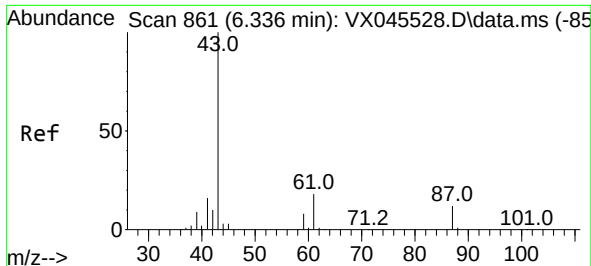
Tgt Ion:114 Resp: 132585
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion:113 Resp: 48016
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.6 13.8 20.6

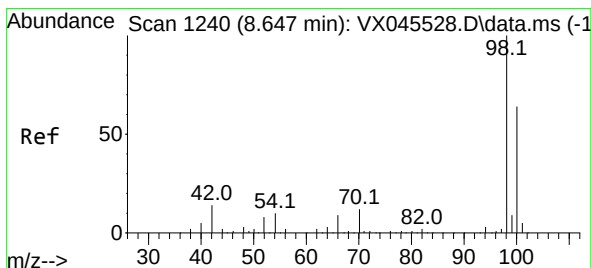
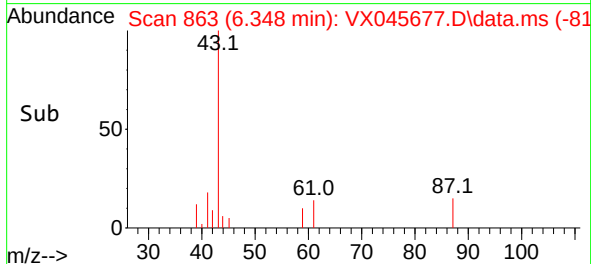
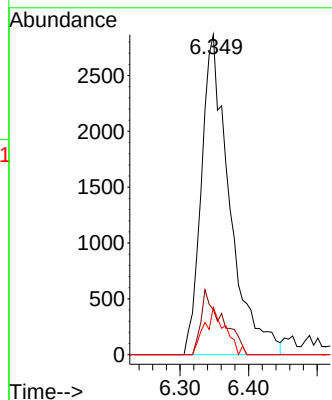
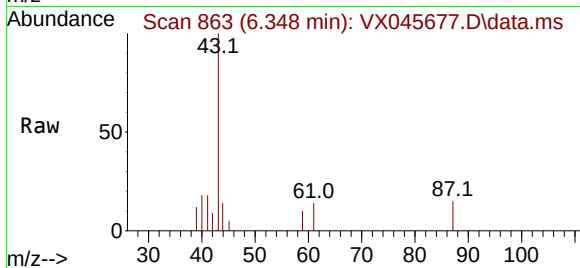




#43
Isopropyl Acetate
Concen: 3.378 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

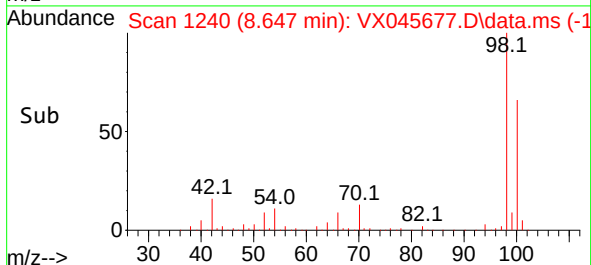
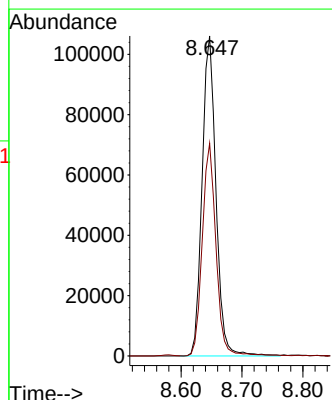
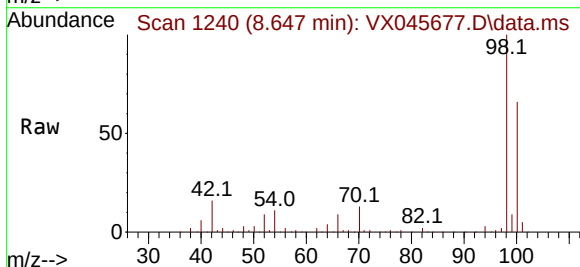
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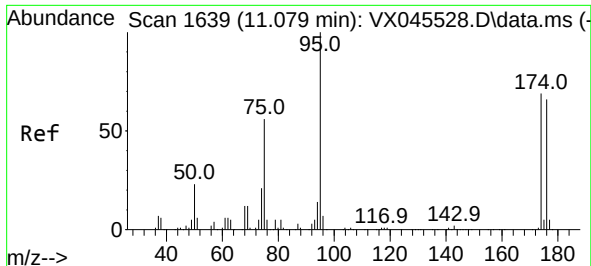
Tgt Ion: 43 Resp: 8196
Ion Ratio Lower Upper
43 100
61 15.5 14.1 21.1
87 10.9 9.2 13.8



#50
Toluene-d8
Concen: 51.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion: 98 Resp: 168107
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4

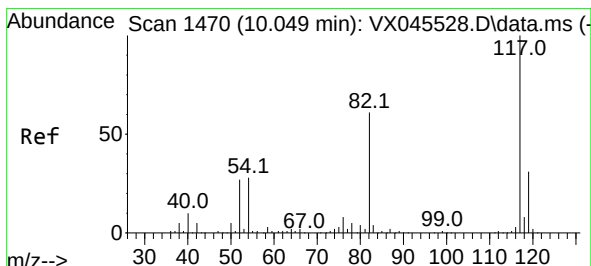
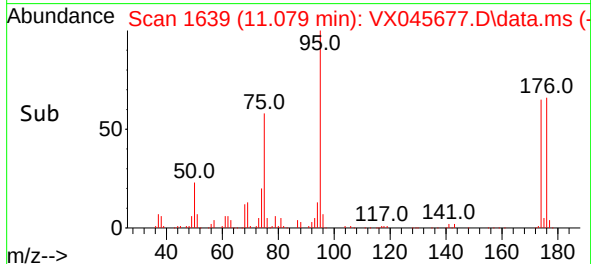
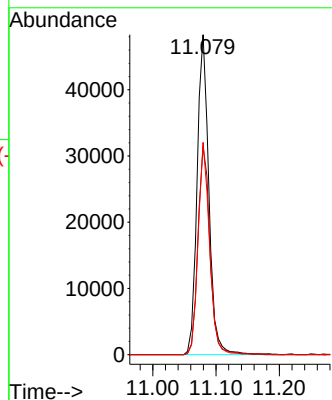
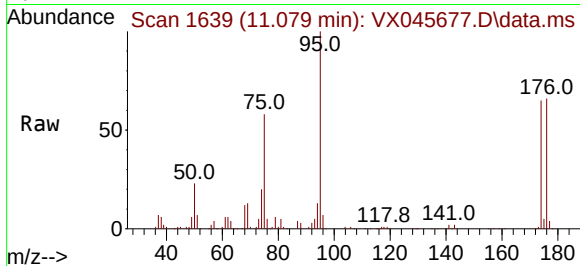




#62
4-Bromofluorobenzene
Concen: 52.367 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

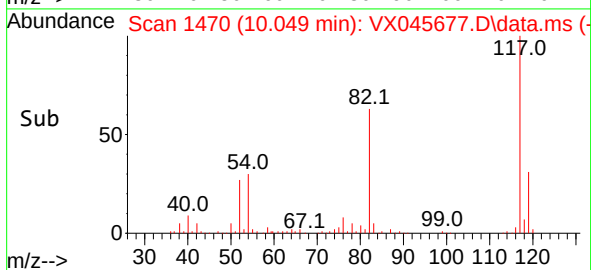
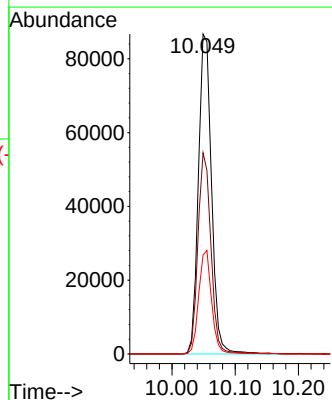
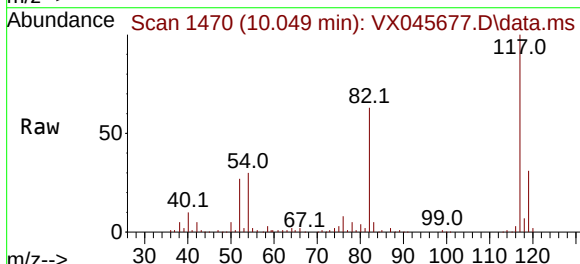
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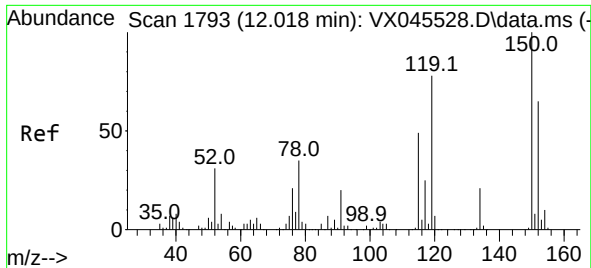
Tgt Ion: 95 Resp: 62629
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045677.D
Acq: 09 Apr 2025 15:43

Tgt Ion: 117 Resp: 125619
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 30.9 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: VX045677.D

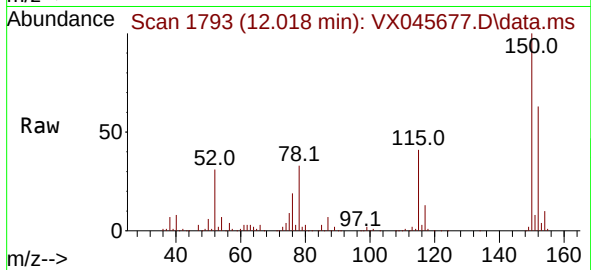
Acq: 09 Apr 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

PB167492TB



Tgt Ion:152 Resp: 49122

Ion Ratio Lower Upper

152 100

115 64.9 46.9 140.7

150 158.4 0.0 349.4

