

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045698.D
 Acq On : 10 Apr 2025 15:00
 Operator : JC/MD
 Sample : PB167534ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#04

Quant Time: Apr 11 01:57:44 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)

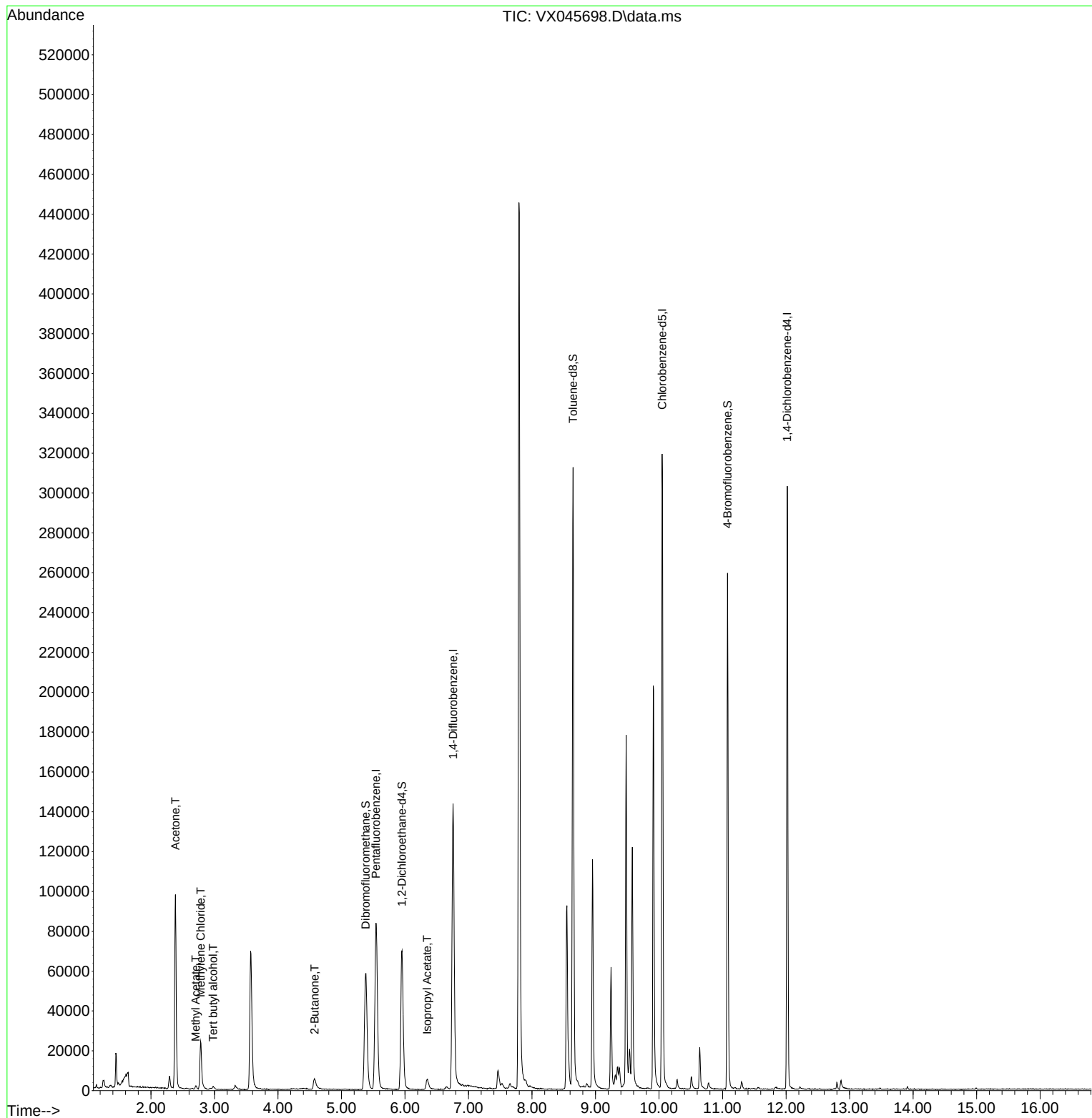
Internal Standards						
1) Pentafluorobenzene	5.544	168	70470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71726	55.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.320%			
35) Dibromofluoromethane	5.379	113	50967	51.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.647	98	175944	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.079	95	65911	52.189	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	1928	11.132	ug/l #	91
16) Acetone	2.386	43	107781	203.675	ug/l	98
18) Methyl Acetate	2.703	43	2389	1.961	ug/l	94
20) Methylene Chloride	2.782	84	11583	11.692	ug/l	98
25) 2-Butanone	4.574	43	11026	14.234	ug/l	92
43) Isopropyl Acetate	6.348	43	8372	3.268	ug/l	96

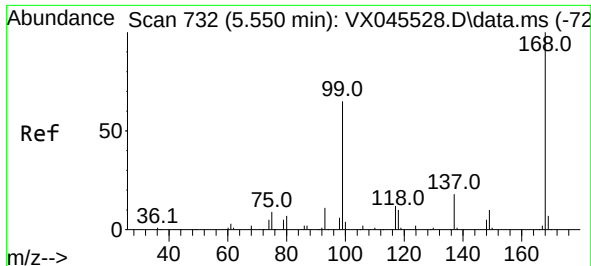
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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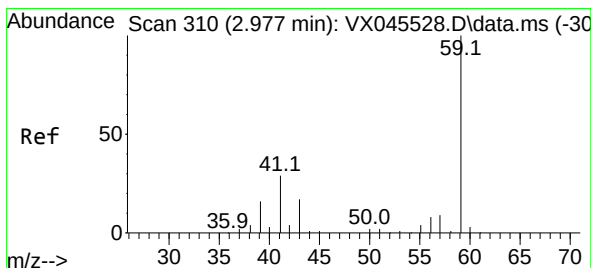
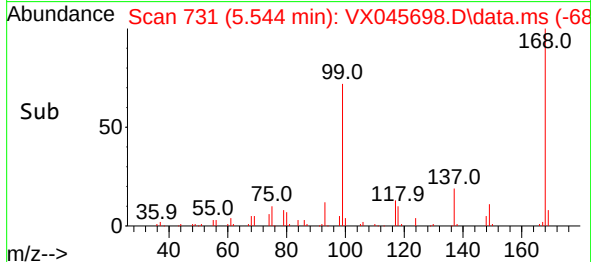
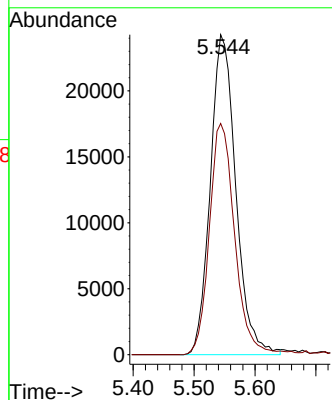
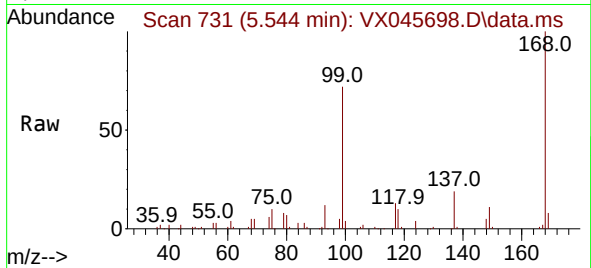




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

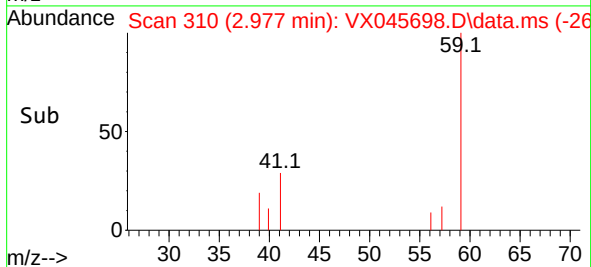
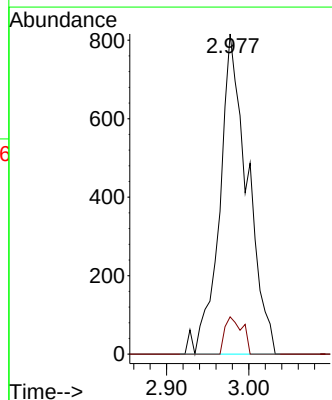
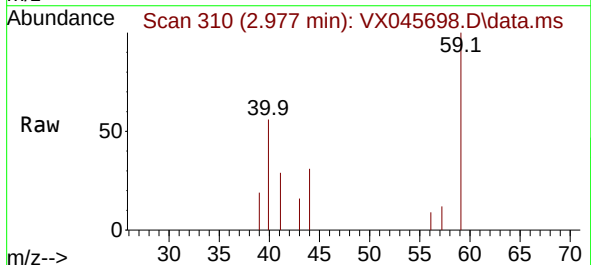
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#04

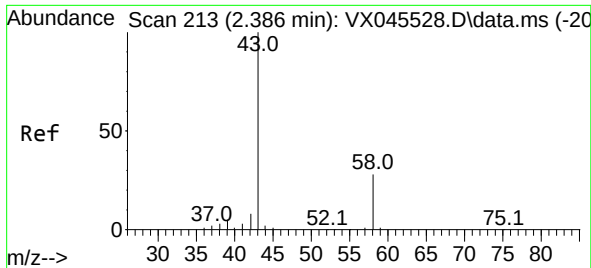
Tgt Ion:168 Resp: 70470
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 11.132 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

Tgt Ion: 59 Resp: 1928
Ion Ratio Lower Upper
59 100
57 7.3 8.6 12.8#

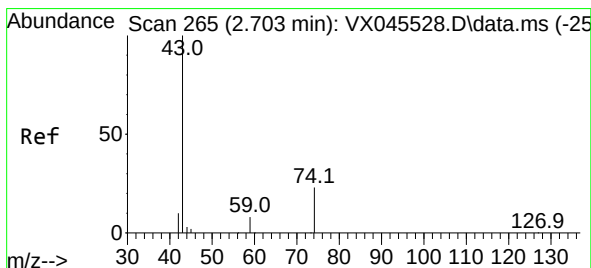
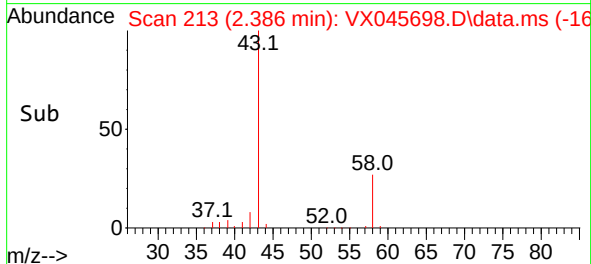
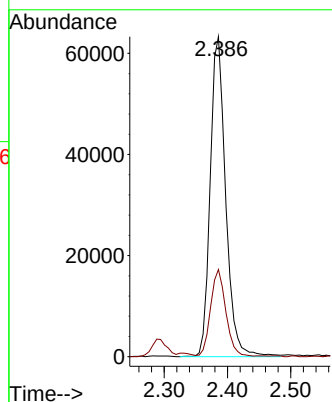
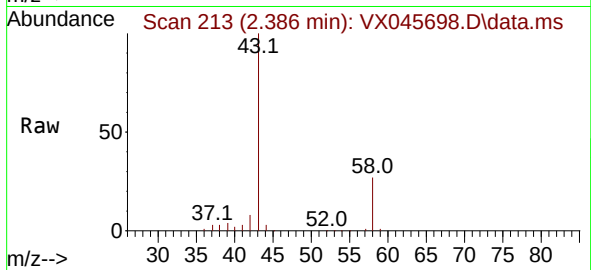




#16
Acetone
Concen: 203.675 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

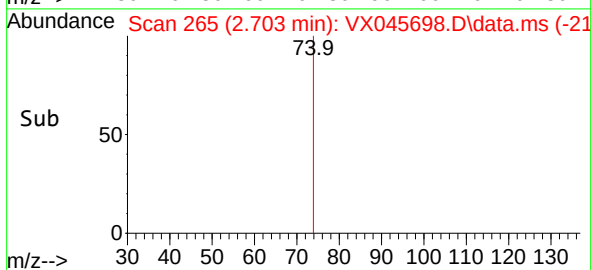
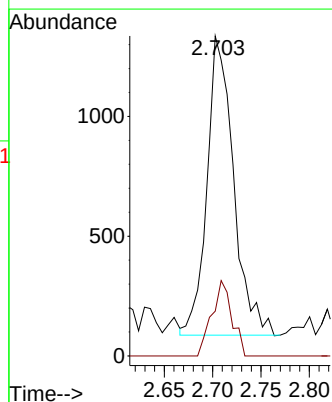
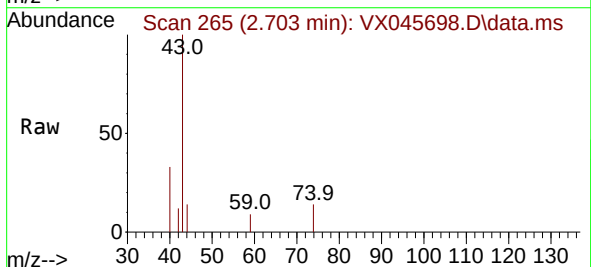
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#04

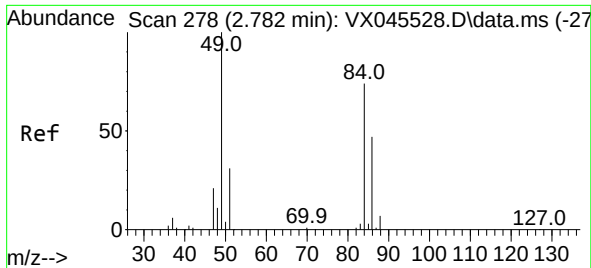
Tgt Ion: 43 Resp: 107781
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5



#18
Methyl Acetate
Concen: 1.961 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

Tgt Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3

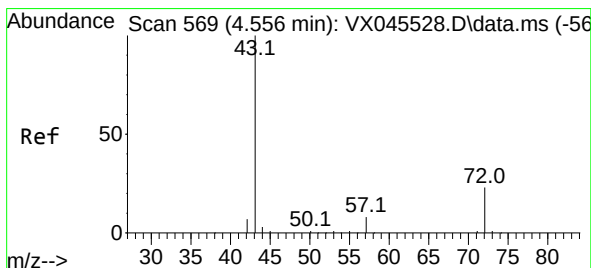
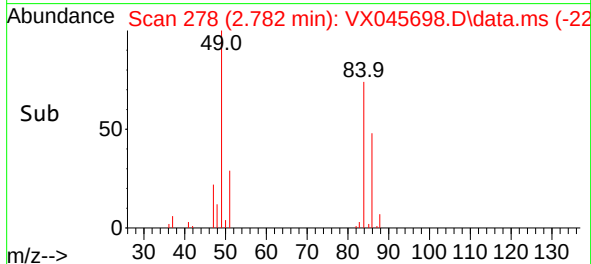
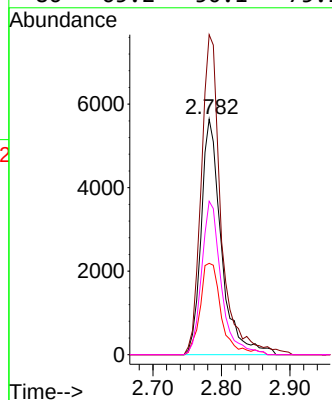
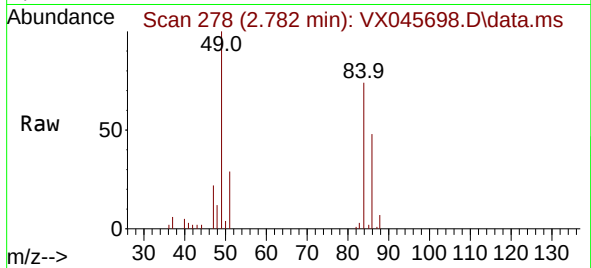




#20
Methylene Chloride
Concen: 11.692 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

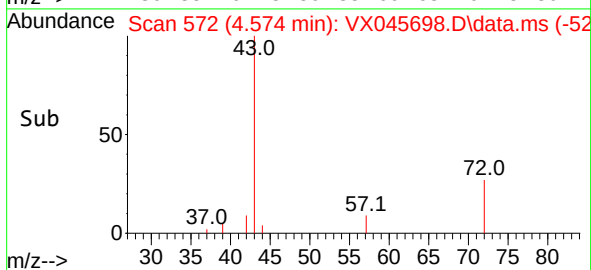
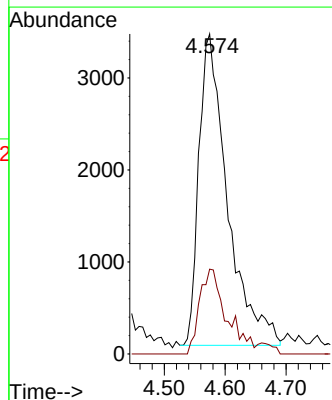
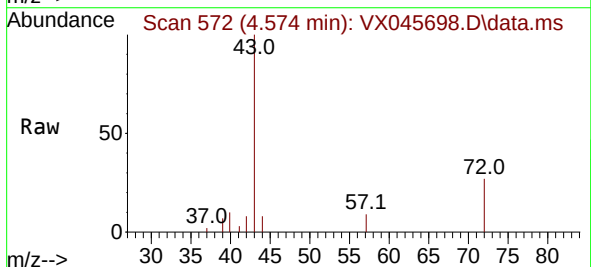
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#04

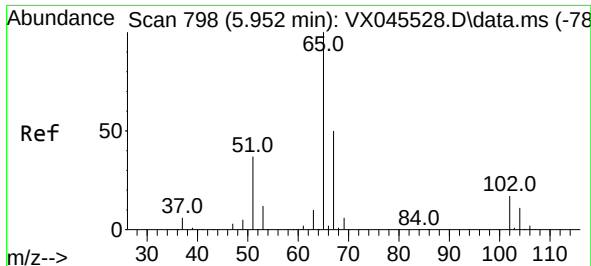
Tgt Ion: 84 Resp: 11583
Ion Ratio Lower Upper
84 100
49 135.9 107.5 161.3
51 38.8 33.0 49.6
86 65.2 50.1 75.1



#25
2-Butanone
Concen: 14.234 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
72 27.2 18.6 28.0

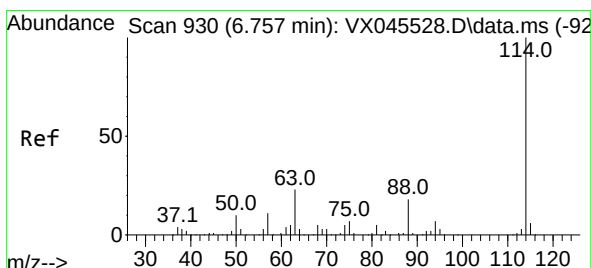
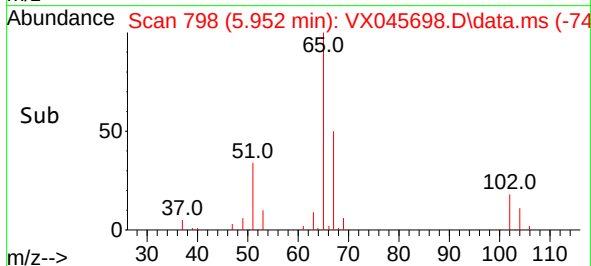
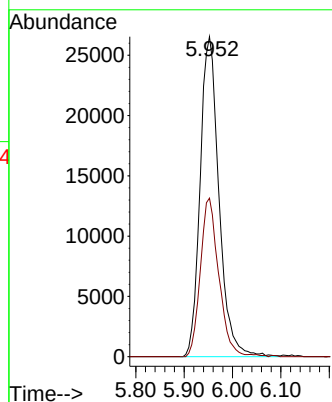
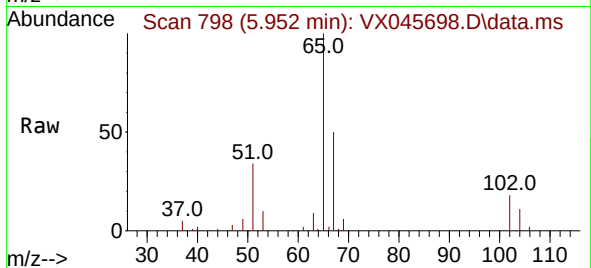




#33
 1,2-Dichloroethane-d4
 Concen: 55.657 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045698.D
 Acq: 10 Apr 2025 15:00

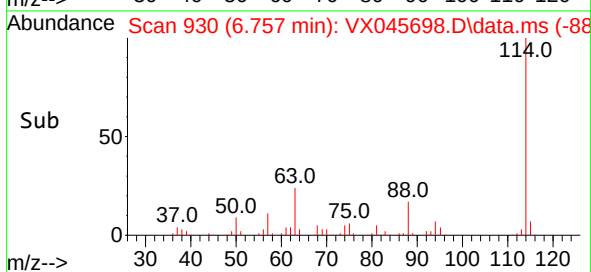
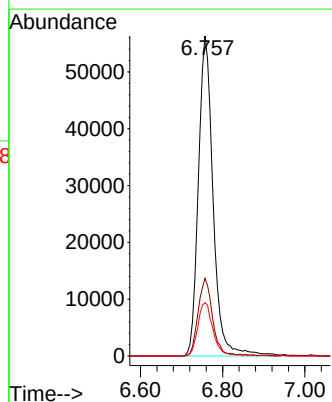
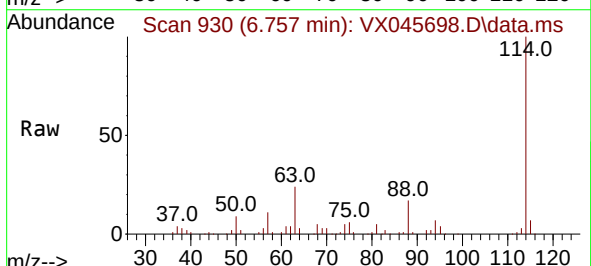
Instrument :
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 ClientSampleId :
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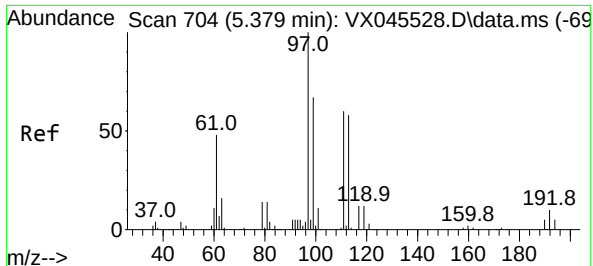
Tgt Ion: 65 Resp: 71726
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045698.D
 Acq: 10 Apr 2025 15:00

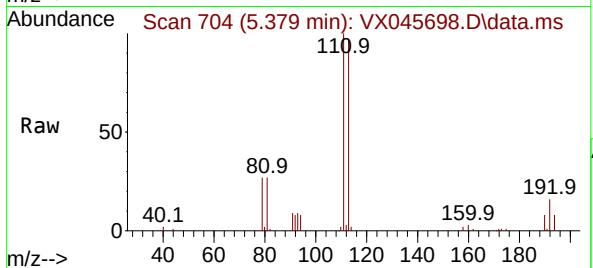
Tgt Ion: 114 Resp: 140008
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.8
 88 16.6 0.0 35.4



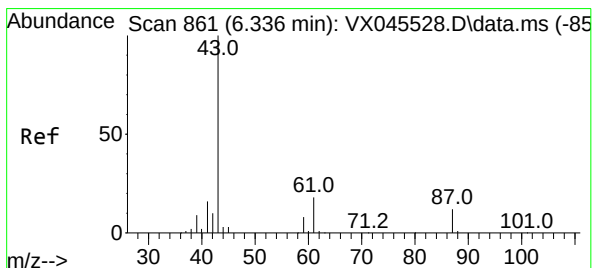
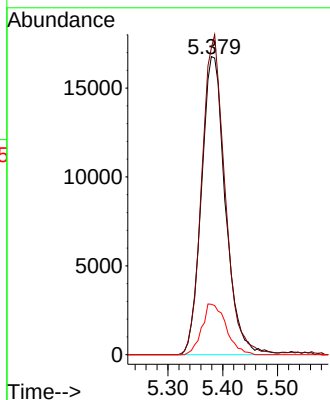
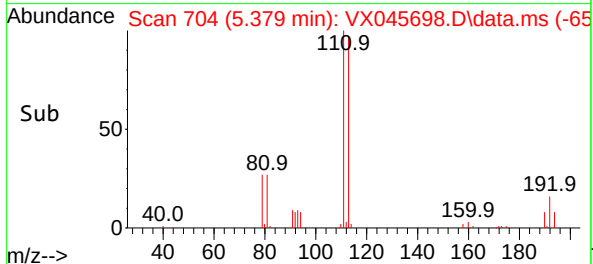


#35
Dibromofluoromethane
Concen: 51.308 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

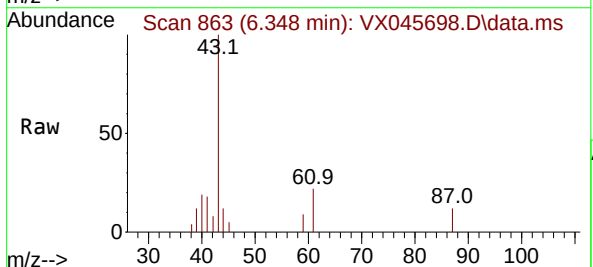
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#04



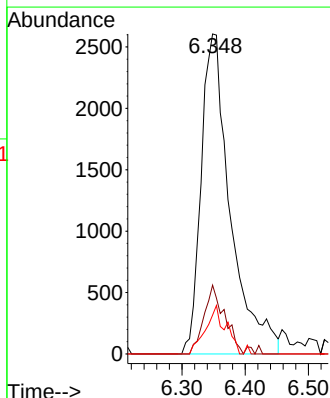
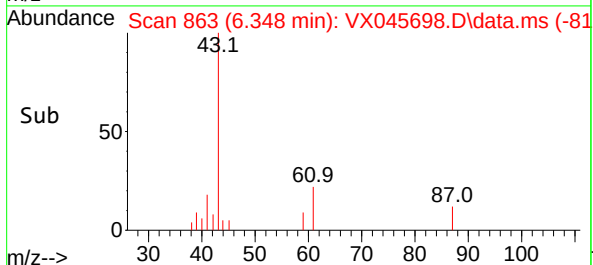
Tgt Ion:113 Resp: 50967
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 17.1 13.8 20.6

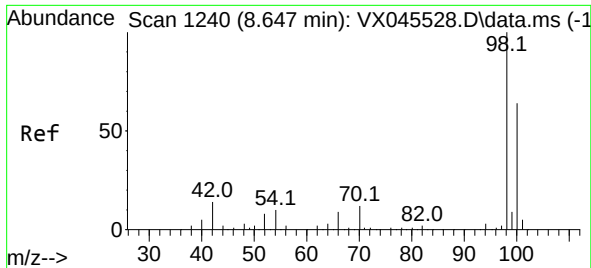


#43
Isopropyl Acetate
Concen: 3.268 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00



Tgt Ion: 43 Resp: 8372
Ion Ratio Lower Upper
43 100
61 15.2 14.1 21.1
87 10.4 9.2 13.8

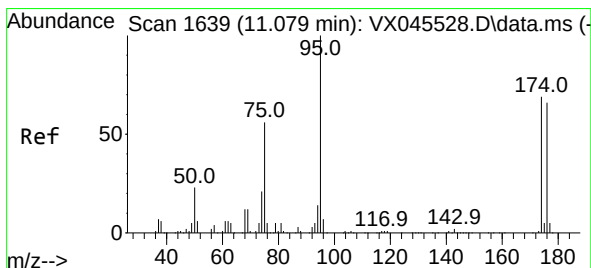
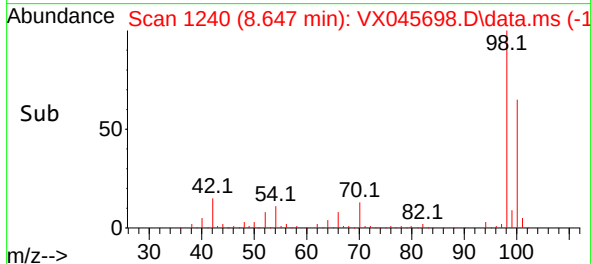
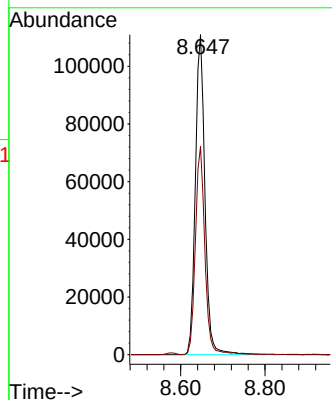
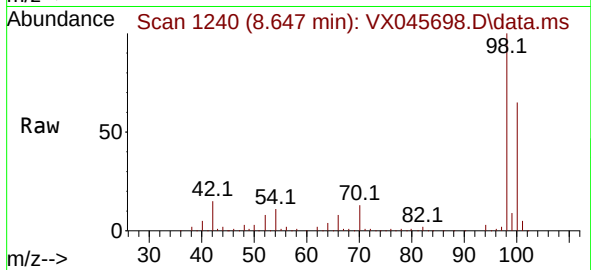




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

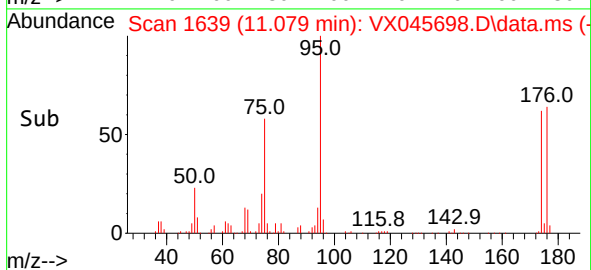
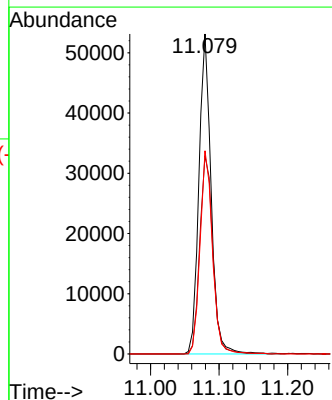
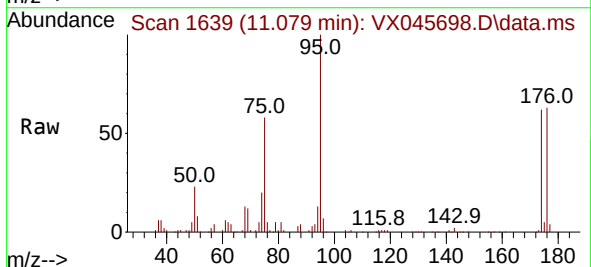
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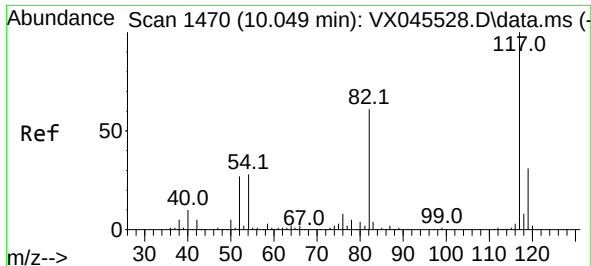
Tgt Ion: 98 Resp: 175944
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

Tgt Ion: 95 Resp: 65911
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.5 0.0 131.4

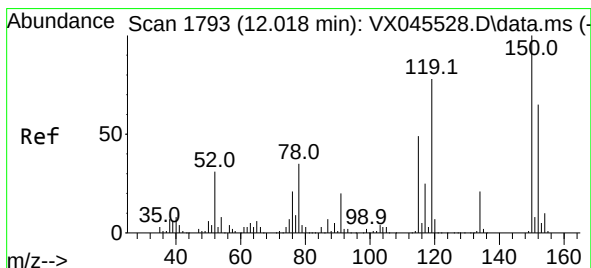
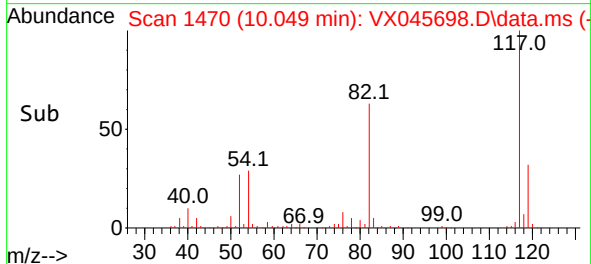
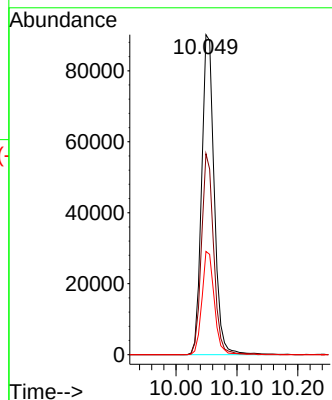
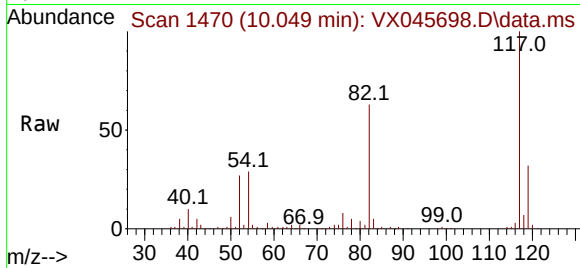




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045698.D
Acq: 10 Apr 2025 15:00

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#04

Tgt Ion:117 Resp: 129696
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 32.3 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: VX045698.D
Acq: 10 Apr 2025 15:00

Tgt Ion:152 Resp: 54699
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 157.8 0.0 349.4

