

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045699.D
 Acq On : 10 Apr 2025 15:23
 Operator : JC/MD
 Sample : PB167534ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#05

Quant Time: Apr 11 01:58:12 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)

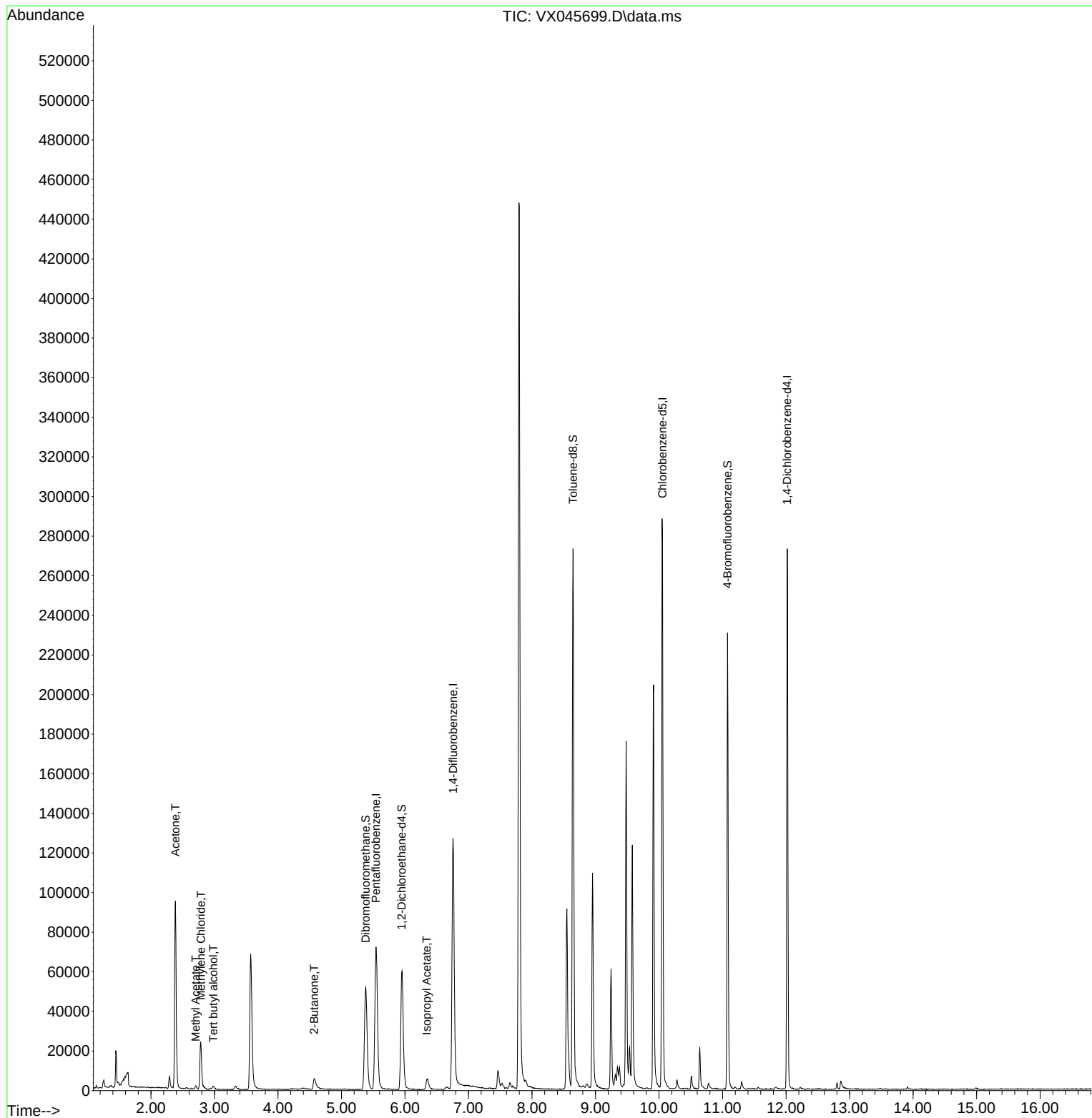
Internal Standards						
1) Pentafluorobenzene	5.544	168	62866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63158	54.936	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.880%		
35) Dibromofluoromethane	5.379	113	45126	50.419	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.840%		
50) Toluene-d8	8.647	98	159464	51.045	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.080%		
62) 4-Bromofluorobenzene	11.079	95	58774	51.650	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.300%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	1828	11.831	ug/l #	86
16) Acetone	2.386	43	107675	228.086	ug/l	100
18) Methyl Acetate	2.703	43	2341	2.154	ug/l #	84
20) Methylene Chloride	2.788	84	11089	12.547	ug/l	96
25) 2-Butanone	4.568	43	11024	15.953	ug/l	91
43) Isopropyl Acetate	6.342	43	8697	3.768	ug/l	96

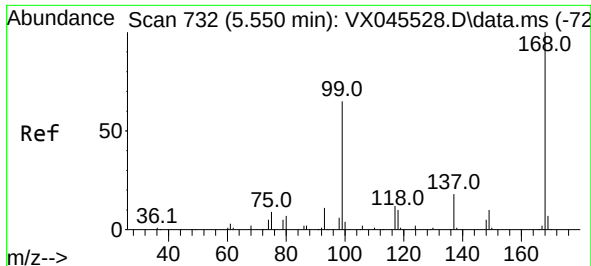
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

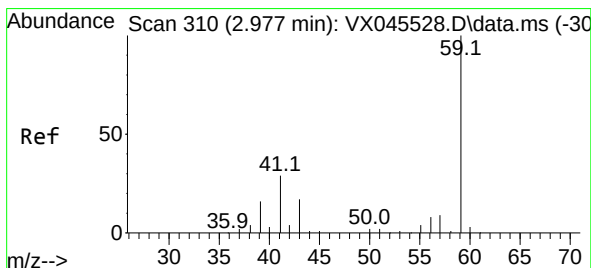
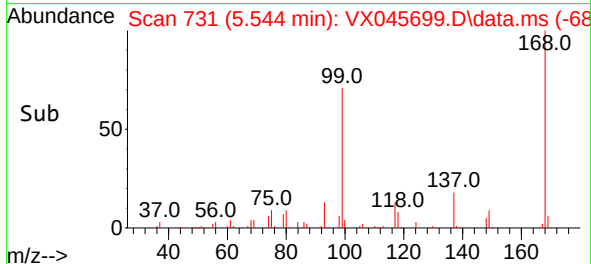
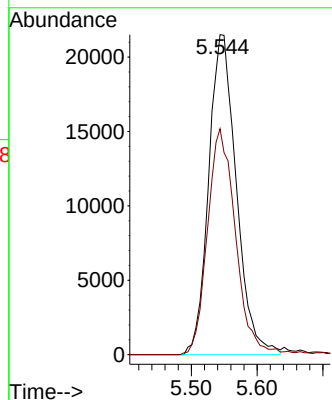
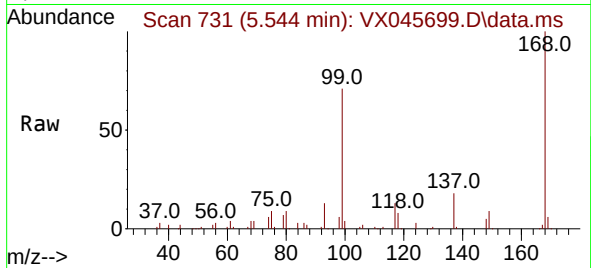




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

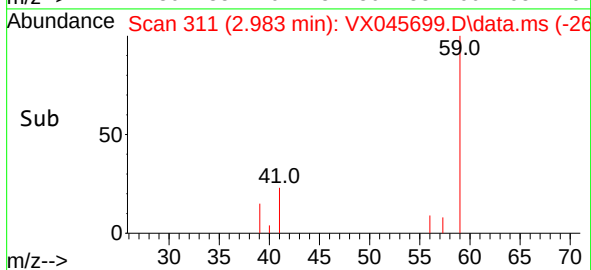
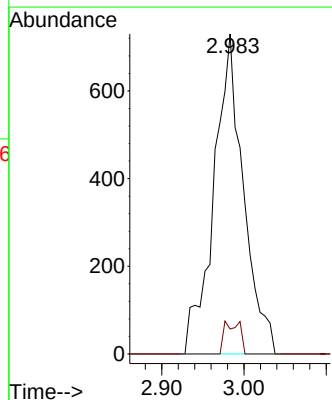
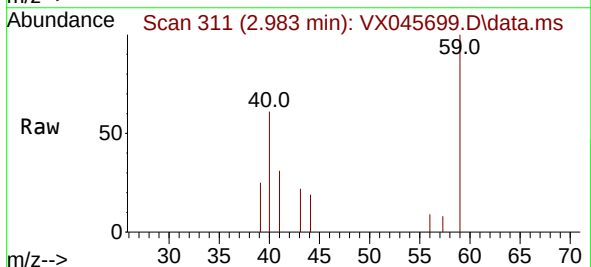
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#05

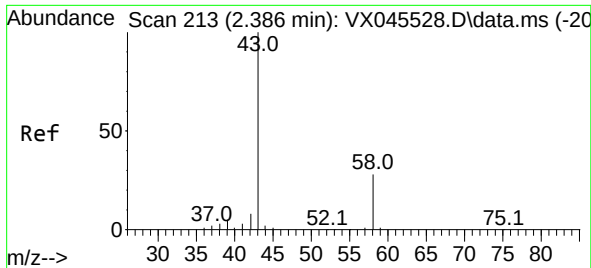
Tgt Ion:168 Resp: 62866
Ion Ratio Lower Upper
168 100
99 70.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 11.831 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Tgt Ion: 59 Resp: 1828
Ion Ratio Lower Upper
59 100
57 5.3 8.6 12.8#

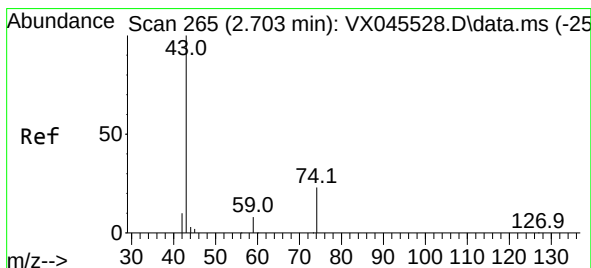
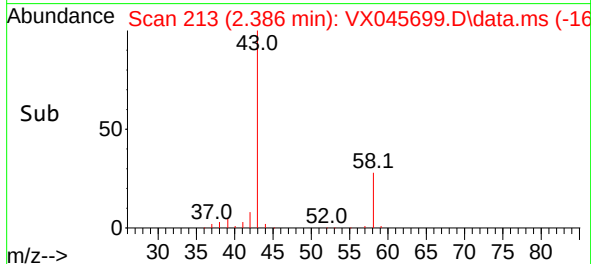
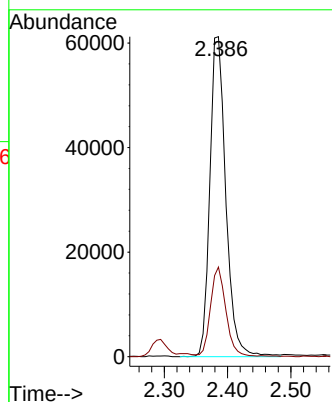
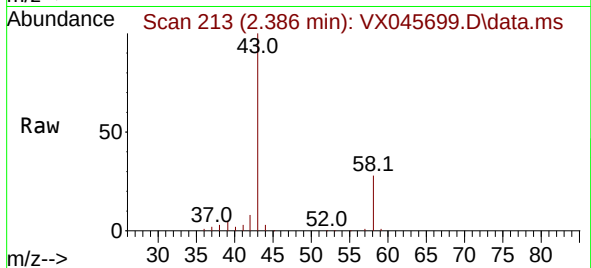




#16
Acetone
Concen: 228.086 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

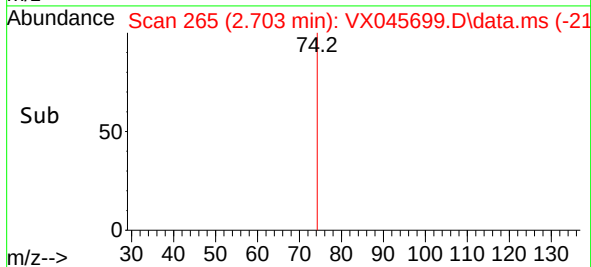
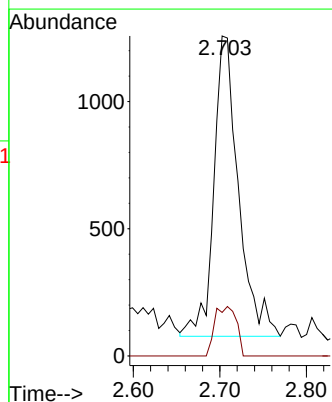
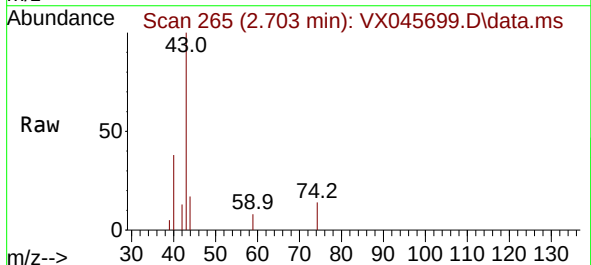
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#05

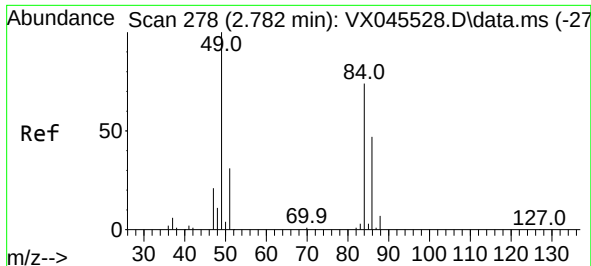
Tgt Ion: 43 Resp: 107675
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5



#18
Methyl Acetate
Concen: 2.154 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
74 14.4 17.5 26.3#

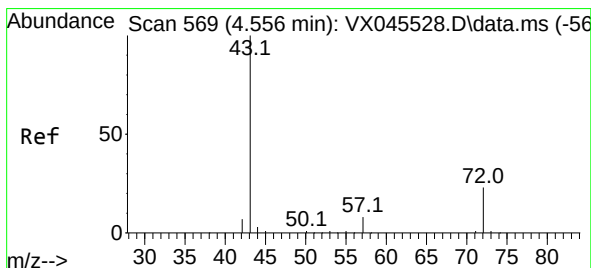
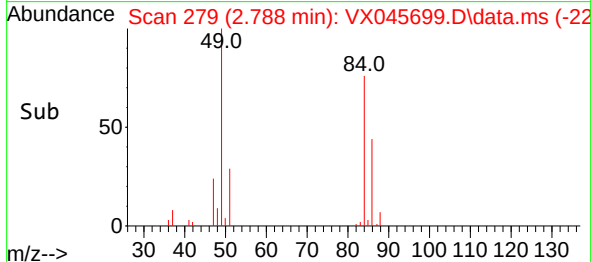
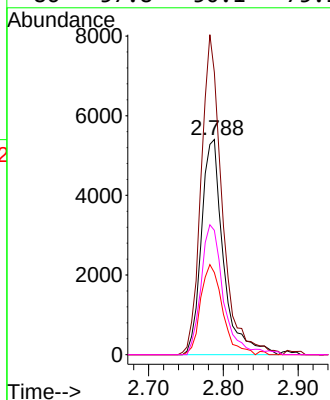
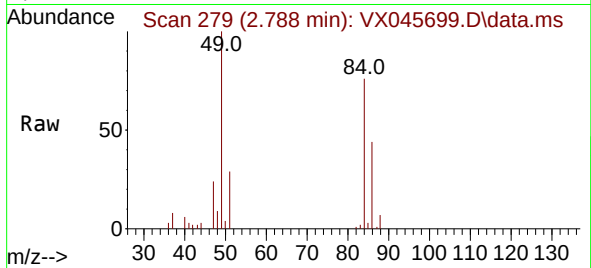




#20
Methylene Chloride
Concen: 12.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

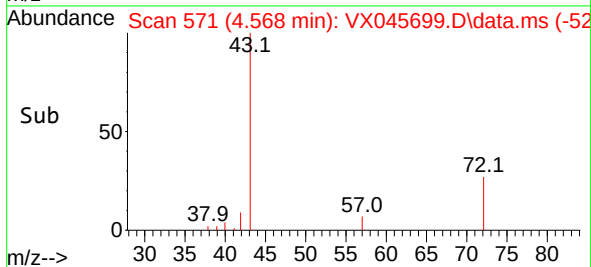
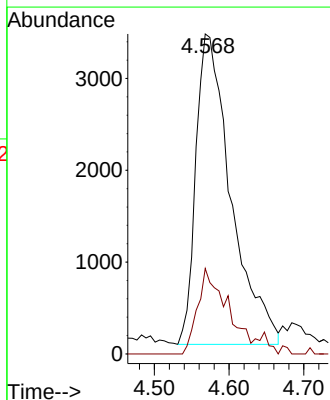
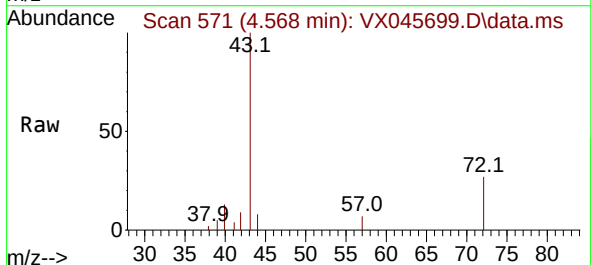
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#05

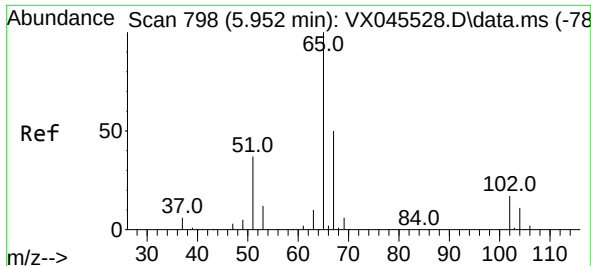
Tgt Ion:	84	Resp:	11089
Ion	Ratio	Lower	Upper
84	100		
49	131.2	107.5	161.3
51	38.1	33.0	49.6
86	57.8	50.1	75.1



#25
2-Butanone
Concen: 15.953 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Tgt Ion:	43	Resp:	11024
Ion	Ratio	Lower	Upper
43	100		
72	27.5	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 54.936 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045699.D

Acq: 10 Apr 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

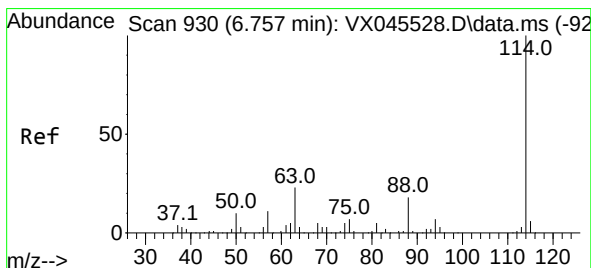
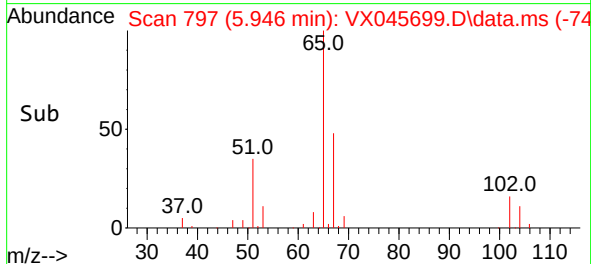
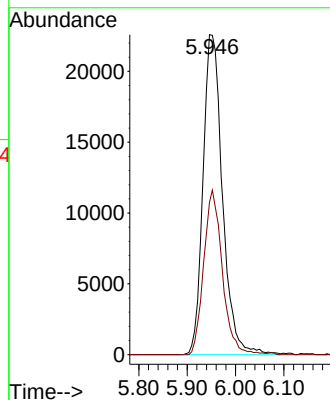
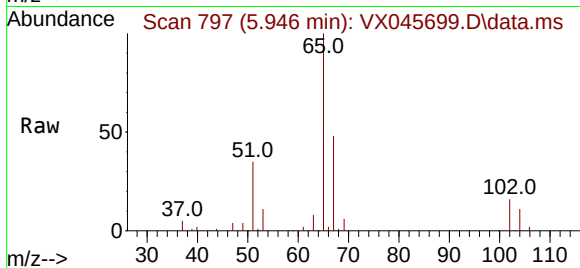
PB167534ZHE#05

Tgt Ion: 65 Resp: 63158

Ion Ratio Lower Upper

65 100

67 49.2 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: VX045699.D

Acq: 10 Apr 2025 15:23

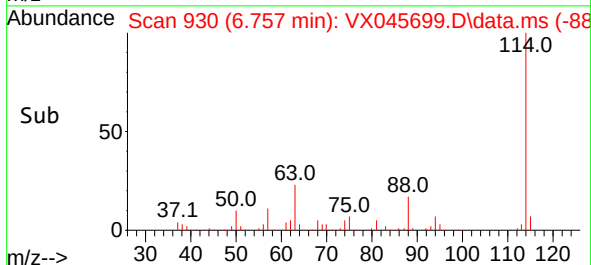
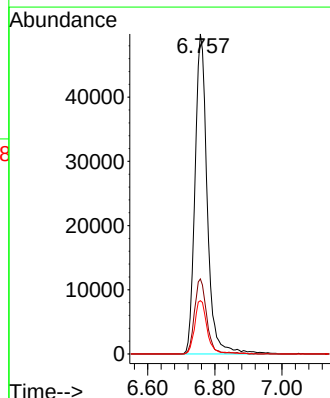
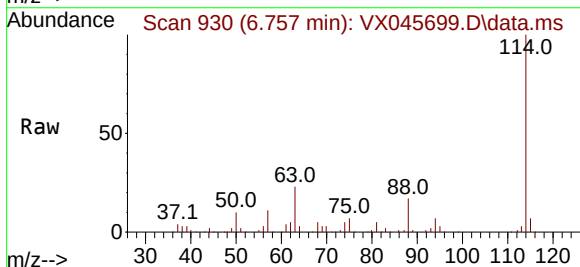
Tgt Ion: 114 Resp: 126149

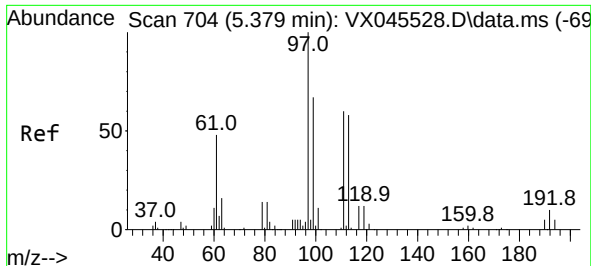
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

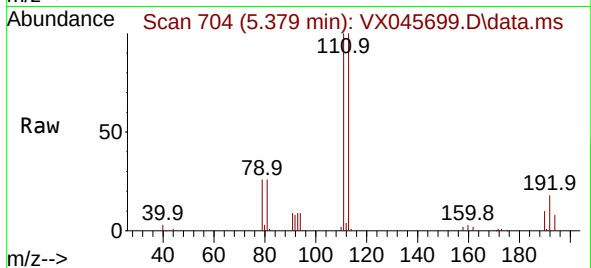
88 16.7 0.0 35.4



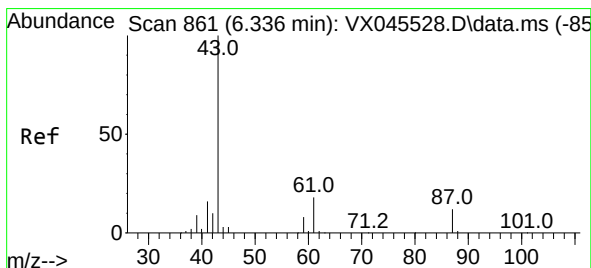
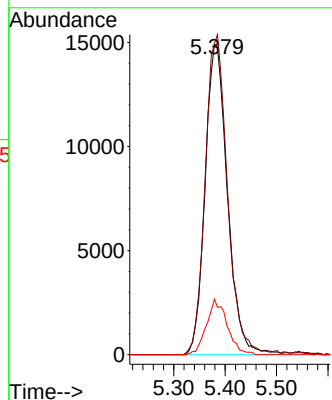
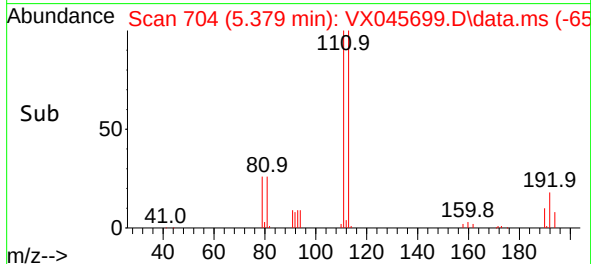


#35
Dibromofluoromethane
Concen: 50.419 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

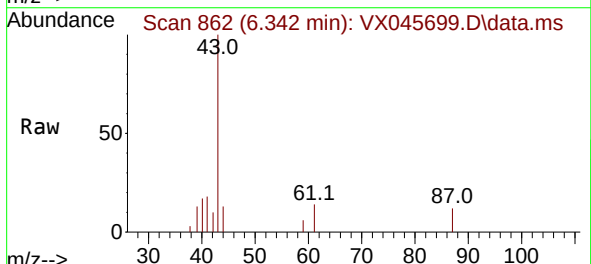
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#05



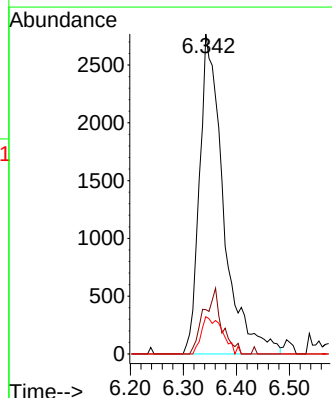
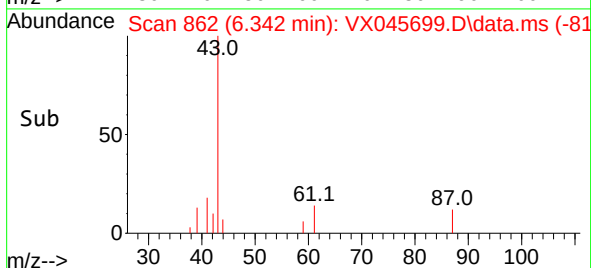
Tgt Ion:113 Resp: 45126
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.5 13.8 20.6

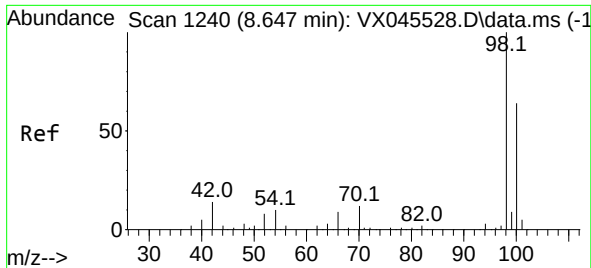


#43
Isopropyl Acetate
Concen: 3.768 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23



Tgt Ion: 43 Resp: 8697
Ion Ratio Lower Upper
43 100
61 15.5 14.1 21.1
87 10.3 9.2 13.8

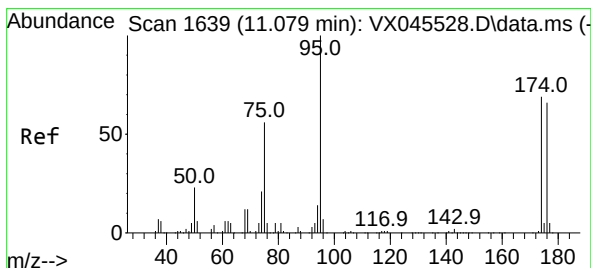
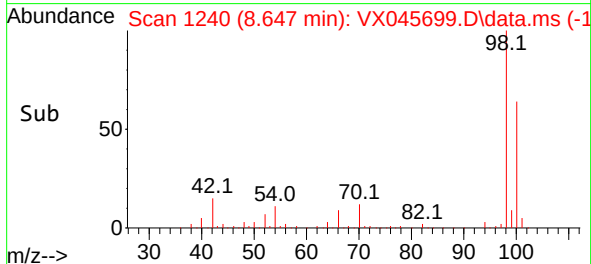
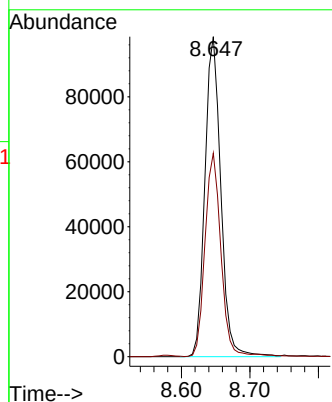
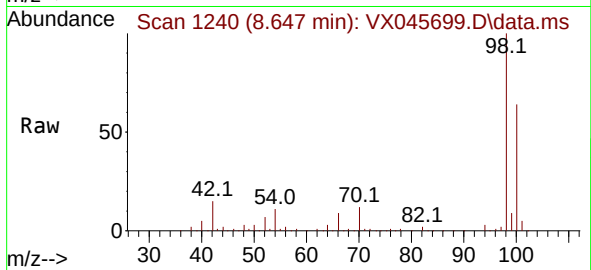




#50
Toluene-d8
Concen: 51.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

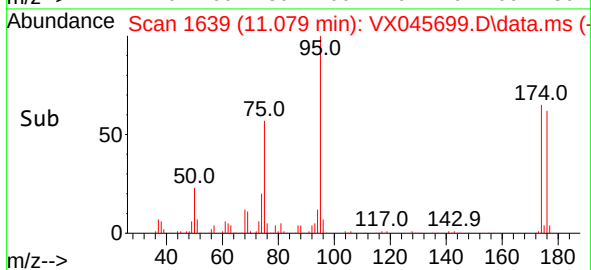
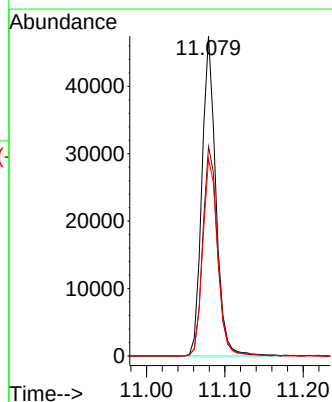
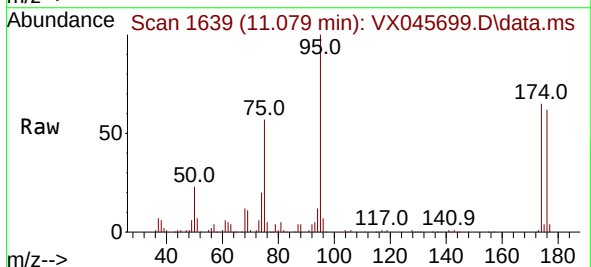
Instrument :
MSVOA_X
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PB167534ZHE#05

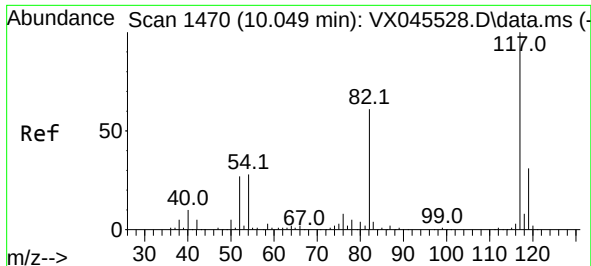
Tgt Ion: 98 Resp: 159464
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Tgt Ion: 95 Resp: 58774
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.1 0.0 131.4

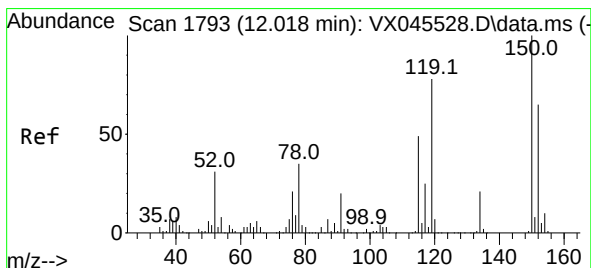
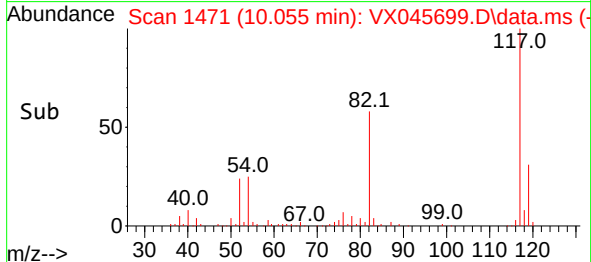
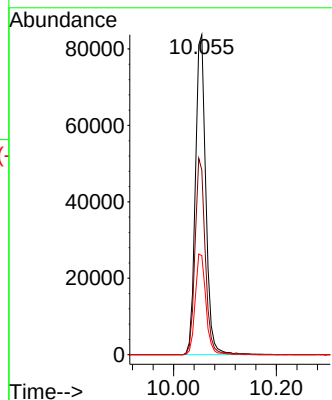
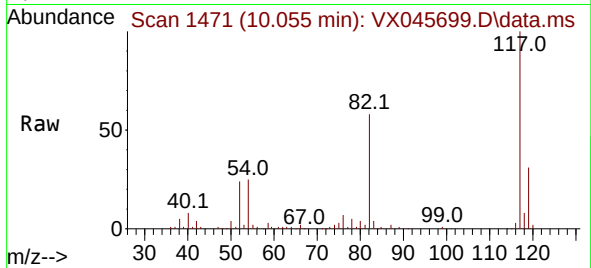




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#05

Tgt Ion:117 Resp: 118204
Ion Ratio Lower Upper
117 100
82 57.8 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# 1793
Delta R.T. -0.000 min
Lab File: VX045699.D
Acq: 10 Apr 2025 15:23

Tgt Ion:152 Resp: 49672
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 159.3 0.0 349.4

