

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045697.D
 Acq On : 10 Apr 2025 14:36
 Operator : JC/MD
 Sample : PB167534ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#03

Quant Time: Apr 11 01:57:14 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)

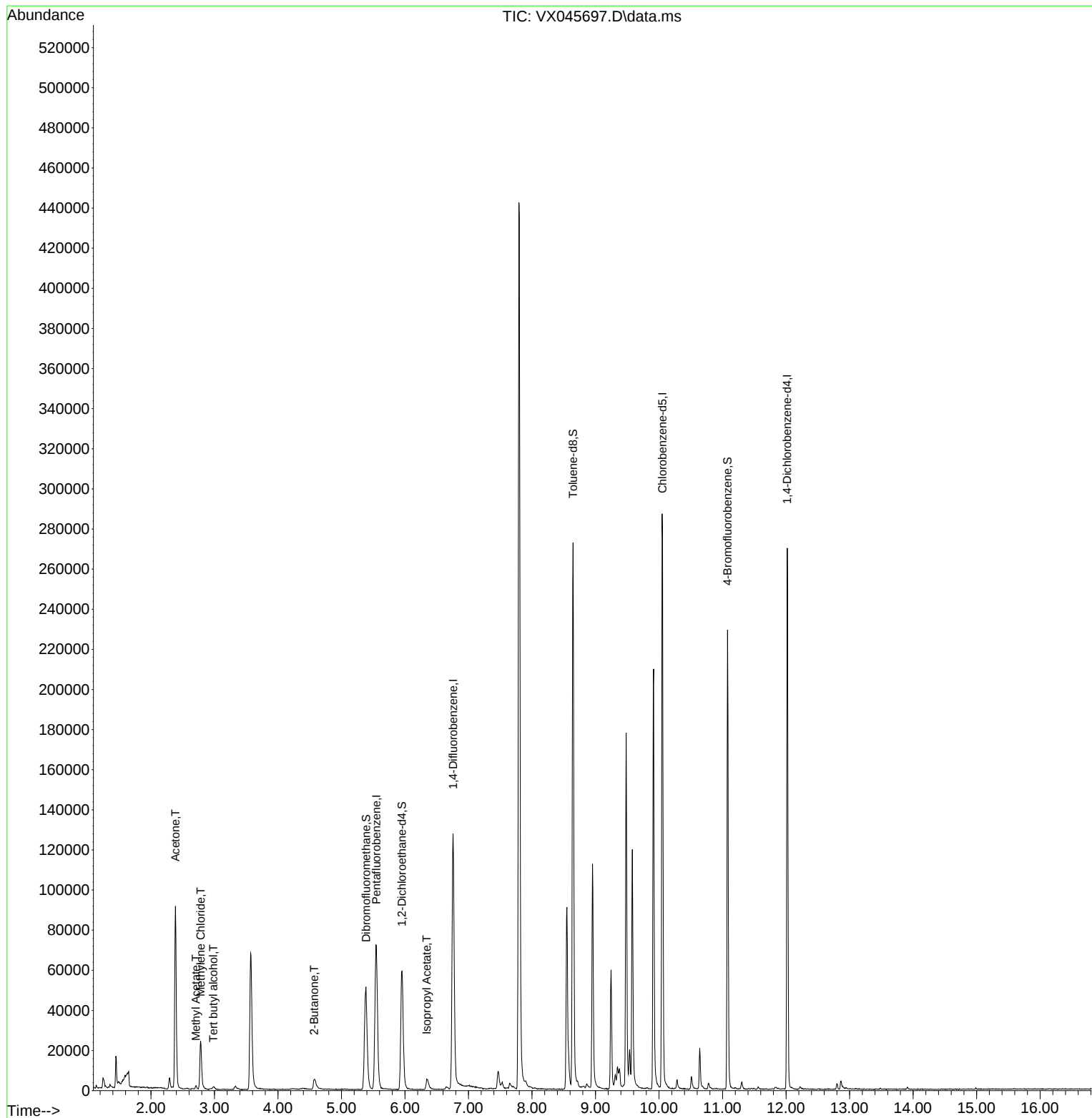
Internal Standards						
1) Pentafluorobenzene	5.550	168	61049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61420	55.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.020%	
35) Dibromofluoromethane	5.385	113	43883	50.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	8.647	98	154986	51.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	11.079	95	60068	54.356	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	1860	12.397	ug/l	98
16) Acetone	2.386	43	103576	225.933	ug/l	97
18) Methyl Acetate	2.709	43	2233	2.116	ug/l	97
20) Methylene Chloride	2.782	84	11271	13.133	ug/l	95
25) 2-Butanone	4.568	43	11208	16.702	ug/l	99
43) Isopropyl Acetate	6.342	43	8378	3.738	ug/l	95

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

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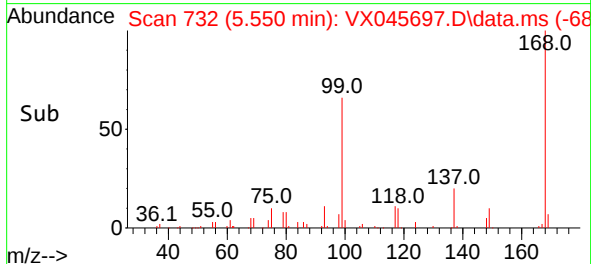
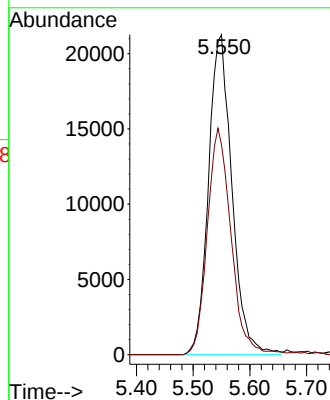
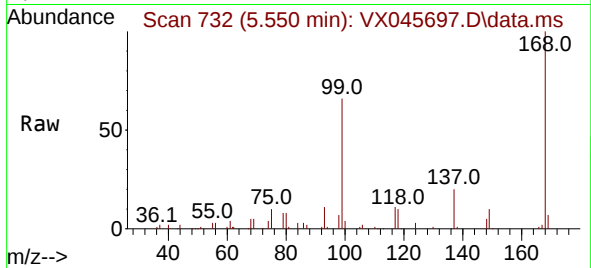




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

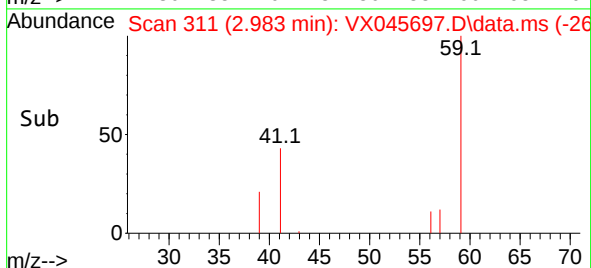
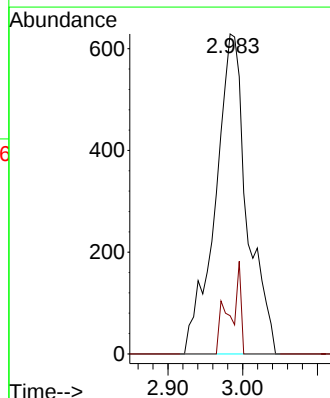
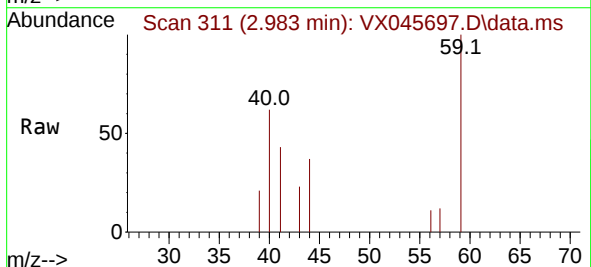
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#03

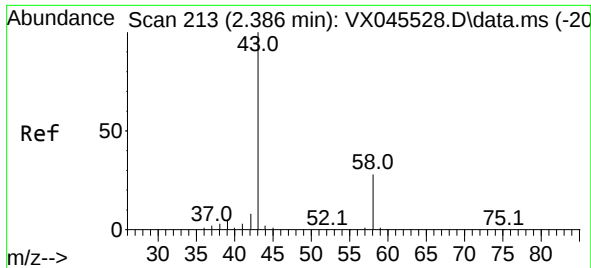
Tgt Ion:168 Resp: 61049
Ion Ratio Lower Upper
168 100
99 65.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 12.397 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

Tgt Ion: 59 Resp: 1860
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8

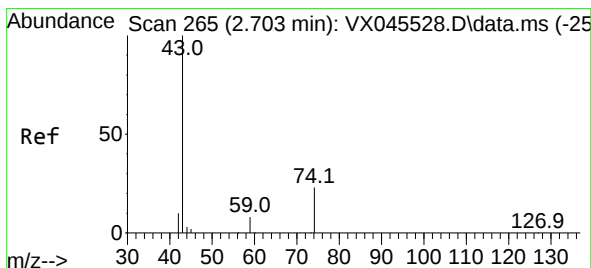
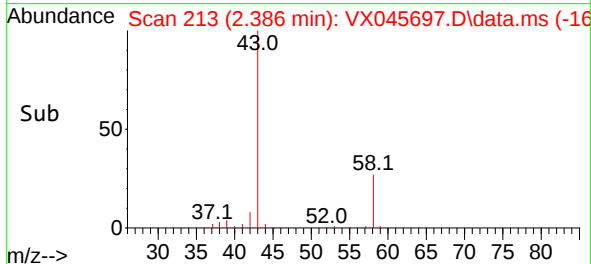
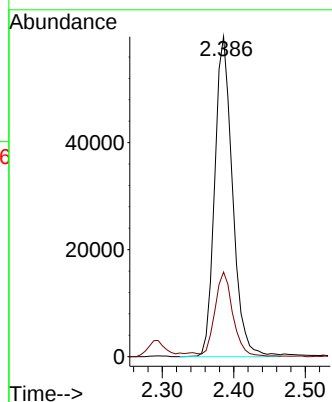
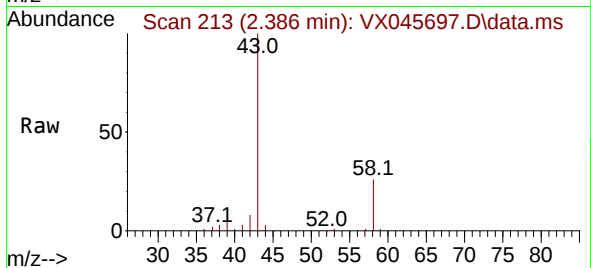




#16
Acetone
Concen: 225.933 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

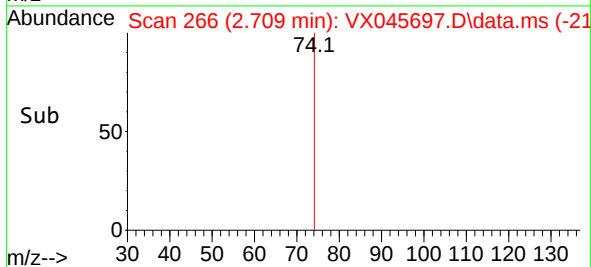
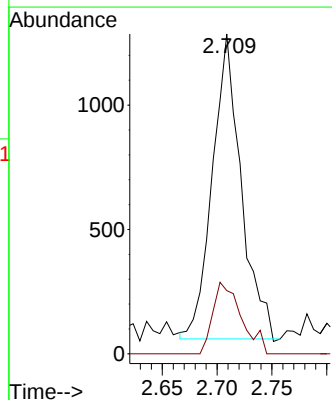
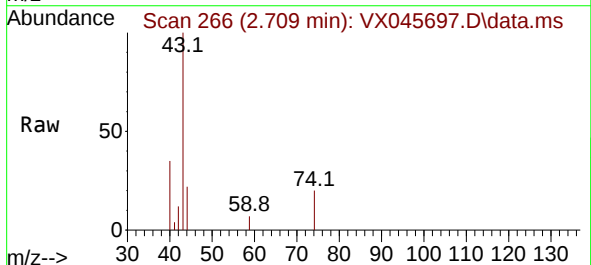
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#03

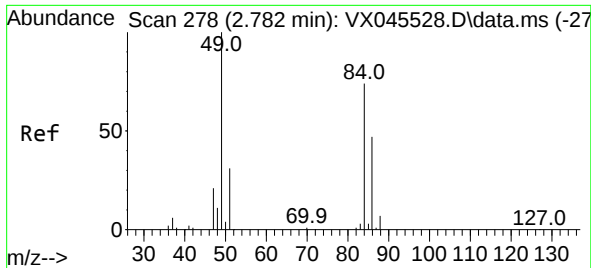
Tgt Ion: 43 Resp: 103576
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5



#18
Methyl Acetate
Concen: 2.116 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
74 23.3 17.5 26.3

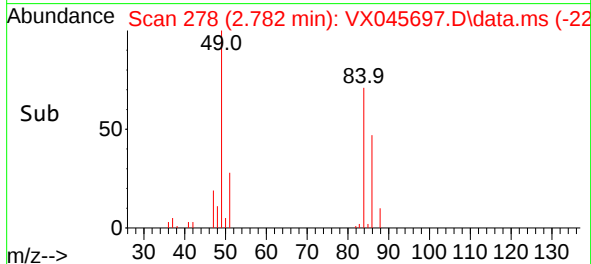
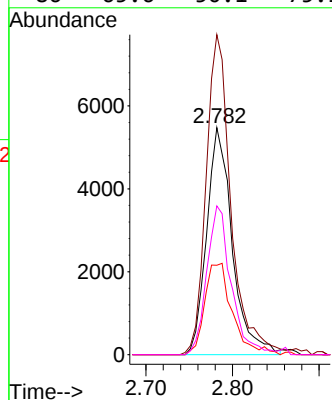
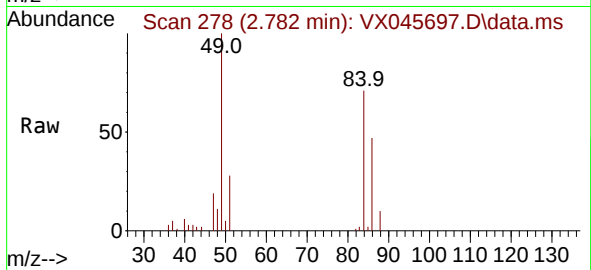




#20
Methylene Chloride
Concen: 13.133 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

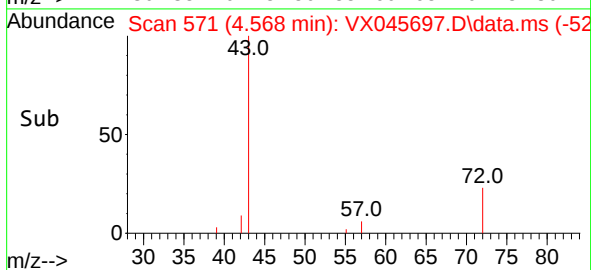
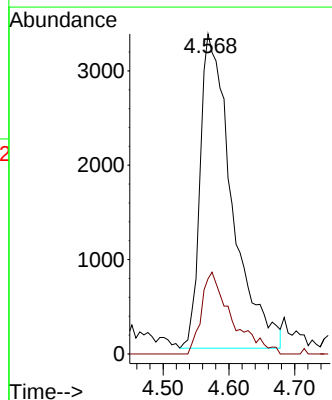
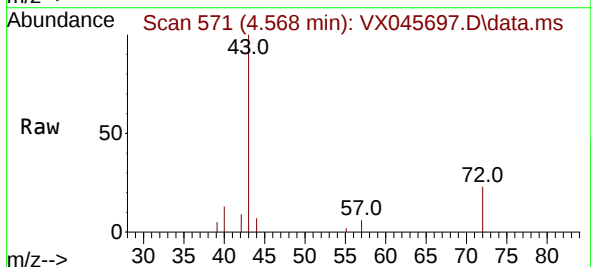
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#03

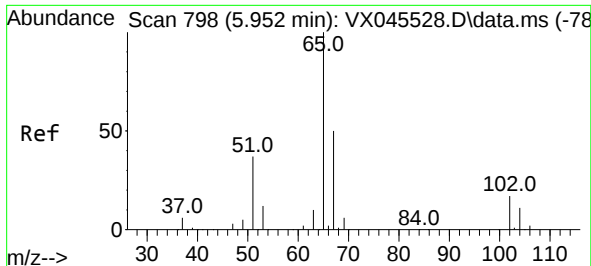
Tgt Ion:	84	Resp:	11271
Ion	Ratio	Lower	Upper
84	100		
49	141.0	107.5	161.3
51	39.4	33.0	49.6
86	65.6	50.1	75.1



#25
2-Butanone
Concen: 16.702 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

Tgt Ion:	43	Resp:	11208
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 55.015 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045697.D

Acq: 10 Apr 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

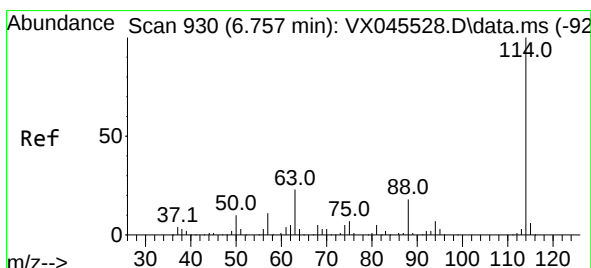
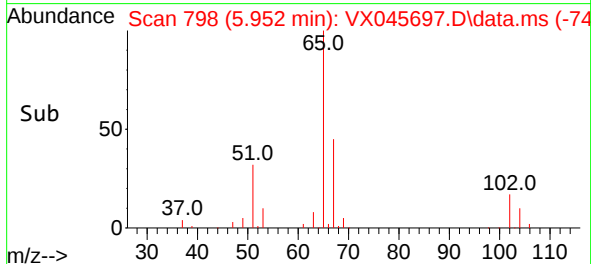
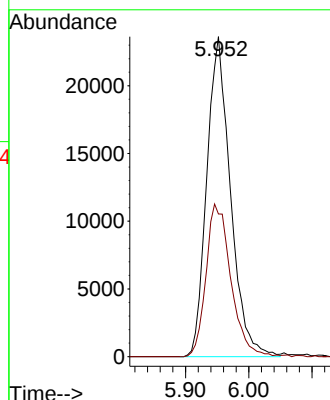
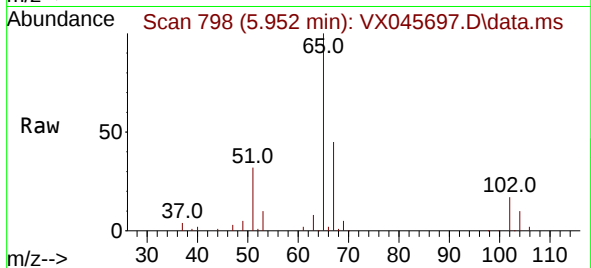
PB167534ZHE#03

Tgt Ion: 65 Resp: 61420

Ion Ratio Lower Upper

65 100

67 50.0 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: VX045697.D

Acq: 10 Apr 2025 14:36

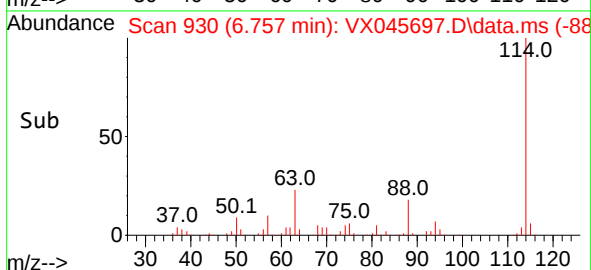
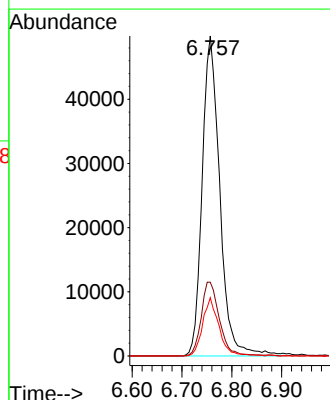
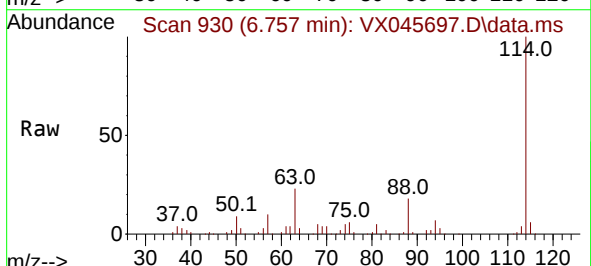
Tgt Ion: 114 Resp: 122509

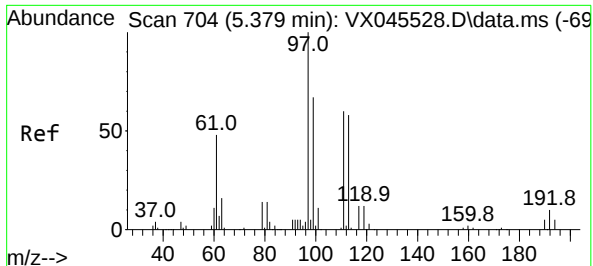
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.8

88 18.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.487 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045697.D

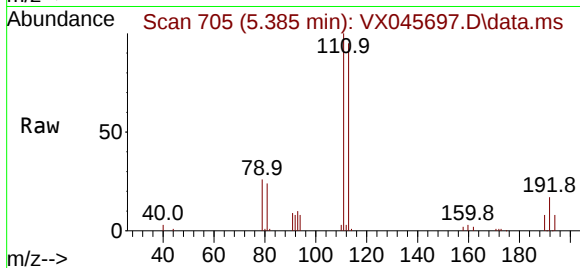
Acq: 10 Apr 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

PB167534ZHE#03



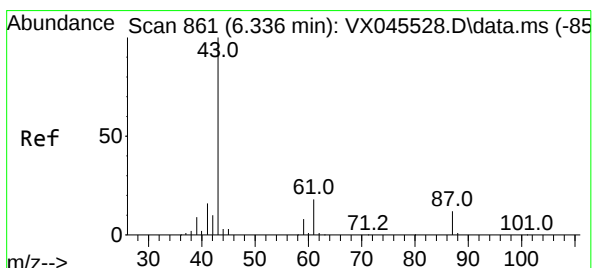
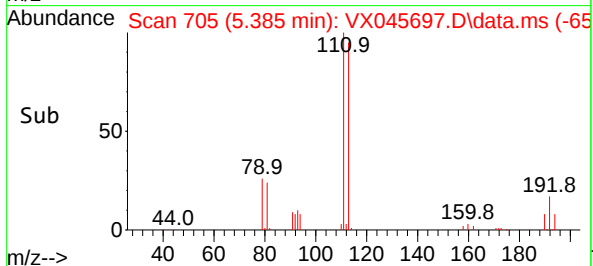
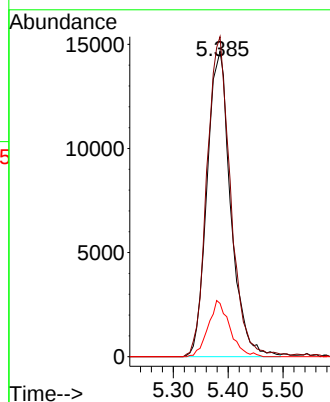
Tgt Ion:113 Resp: 43883

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.6

192 16.9 13.8 20.6



#43

Isopropyl Acetate

Concen: 3.738 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045697.D

Acq: 10 Apr 2025 14:36

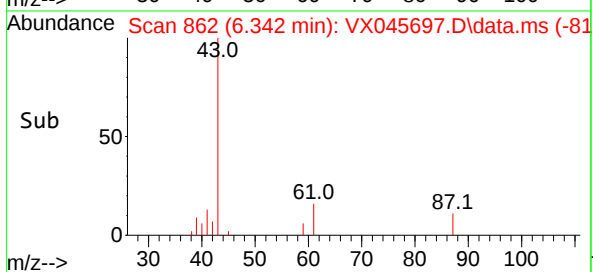
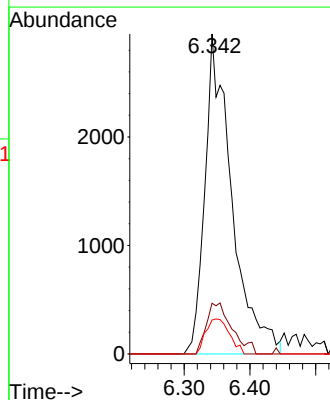
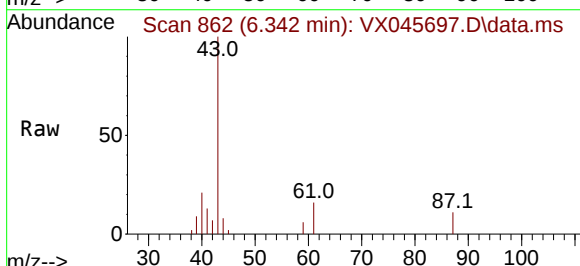
Tgt Ion: 43 Resp: 8378

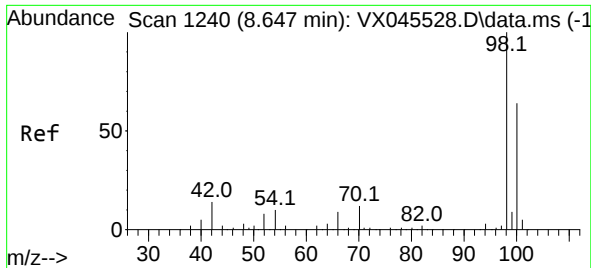
Ion Ratio Lower Upper

43 100

61 15.2 14.1 21.1

87 9.6 9.2 13.8

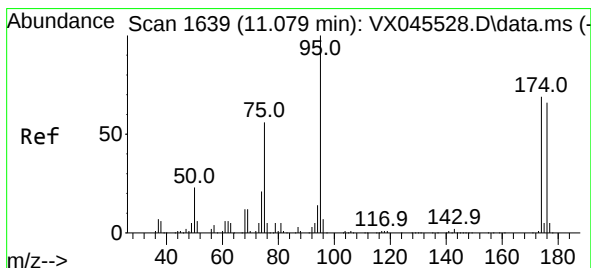
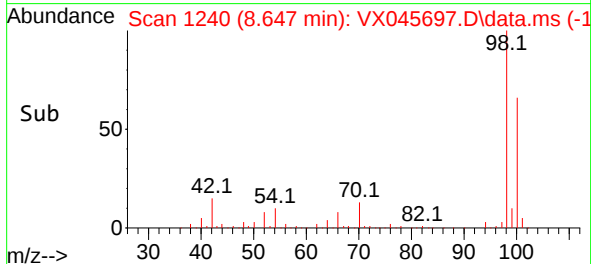
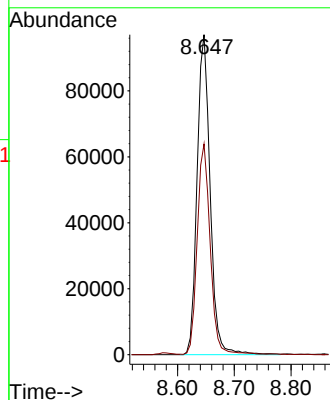
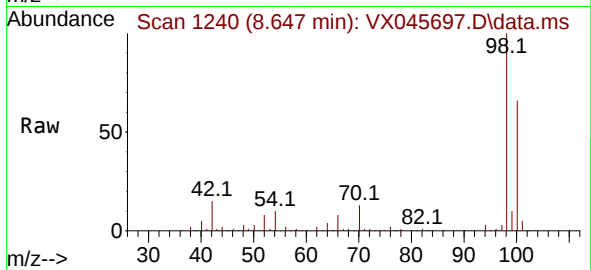




#50
Toluene-d8
Concen: 51.085 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

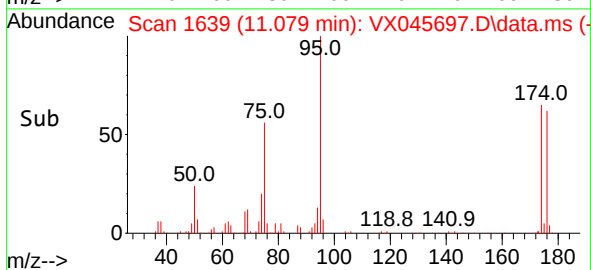
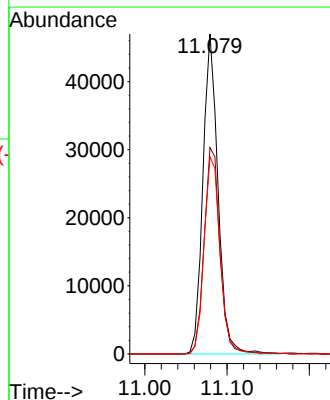
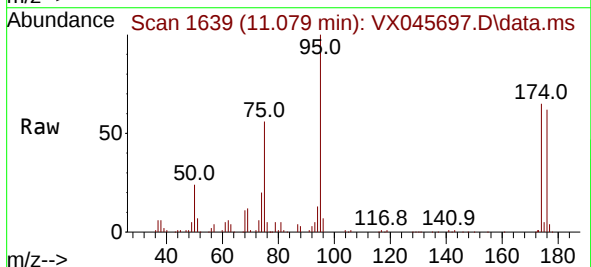
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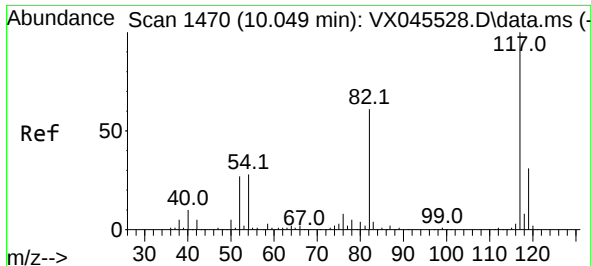
Tgt Ion: 98 Resp: 154986
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

Tgt Ion: 95 Resp: 60068
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 65.6 0.0 131.4

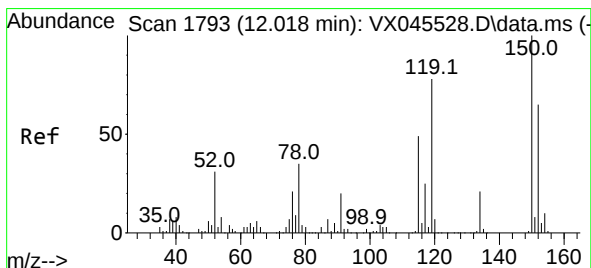
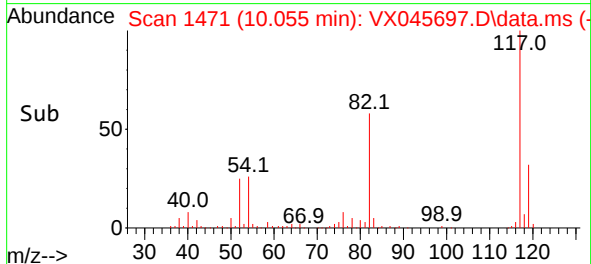
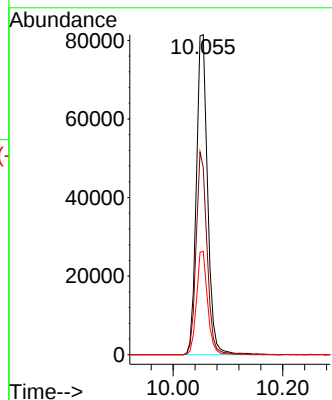
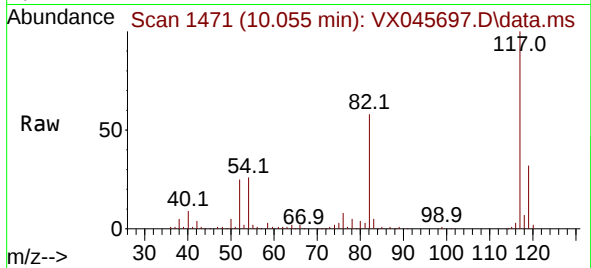




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045697.D
Acq: 10 Apr 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#03

Tgt Ion:117 Resp: 116892
Ion Ratio Lower Upper
117 100
82 58.5 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: VX045697.D
Acq: 10 Apr 2025 14:36

Tgt Ion:152 Resp: 50571
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 155.9 0.0 349.4

