

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045695.D
 Acq On : 10 Apr 2025 13:50
 Operator : JC/MD
 Sample : PB167534ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#01

Quant Time: Apr 11 01:56:18 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)

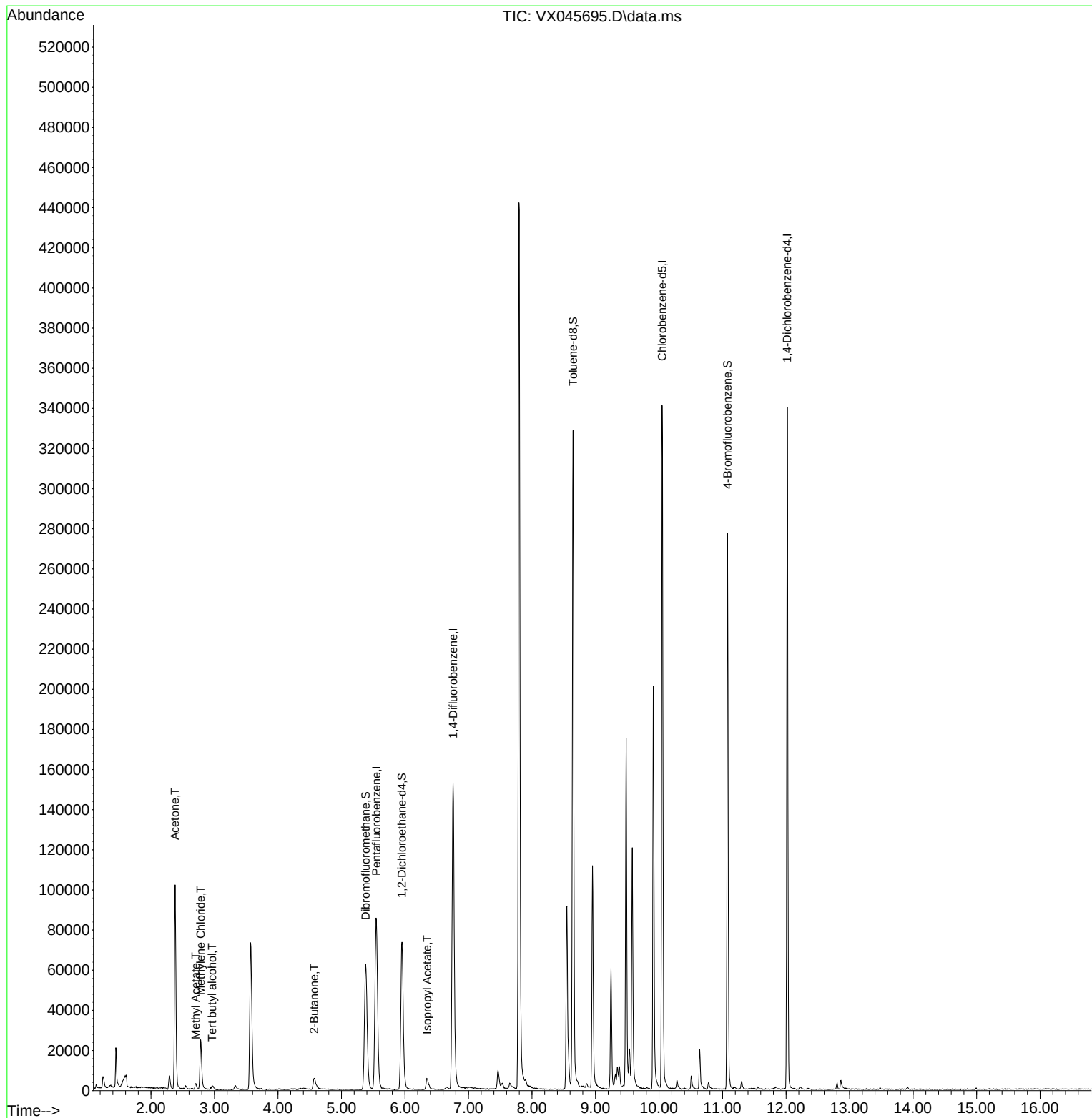
Internal Standards						
1) Pentafluorobenzene	5.550	168	73738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75635	56.089	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.180%		
35) Dibromofluoromethane	5.379	113	55054	52.834	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.660%		
50) Toluene-d8	8.647	98	184726	50.790	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.580%		
62) 4-Bromofluorobenzene	11.079	95	70461	53.186	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.380%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	2025	11.174	ug/l	98
16) Acetone	2.380	43	107886	194.838	ug/l	100
18) Methyl Acetate	2.703	43	3439	2.698	ug/l	98
20) Methylene Chloride	2.782	84	11296	10.897	ug/l	98
25) 2-Butanone	4.568	43	11496	14.183	ug/l #	90
43) Isopropyl Acetate	6.348	43	8071	3.003	ug/l	99

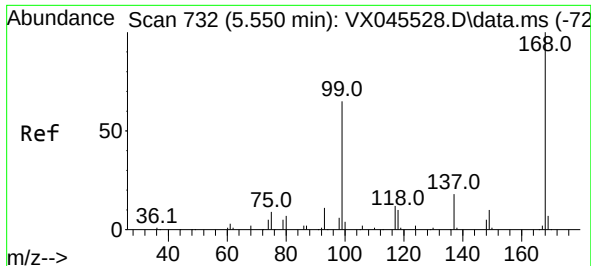
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045695.D
Acq On : 10 Apr 2025 13:50
Operator : JC/MD
Sample : PB167534ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

Quant Time: Apr 11 01:56:18 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

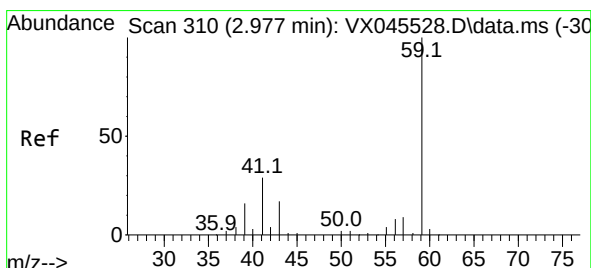
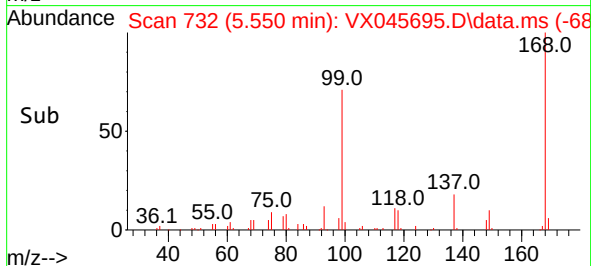
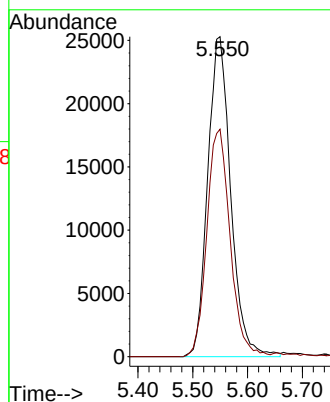
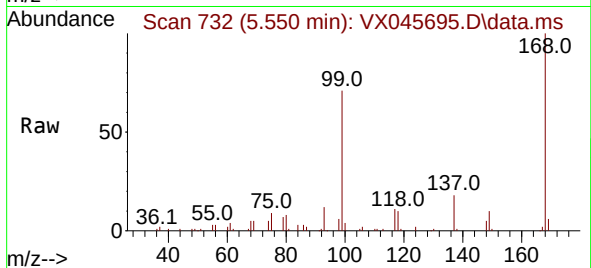




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

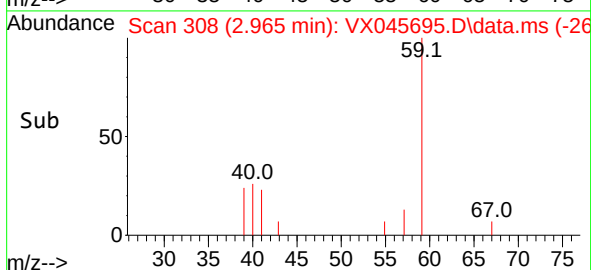
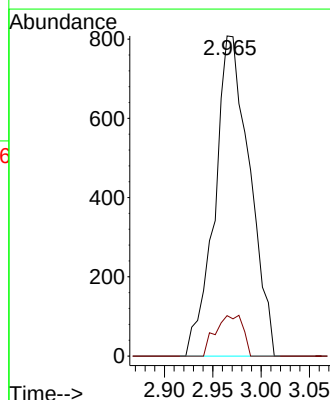
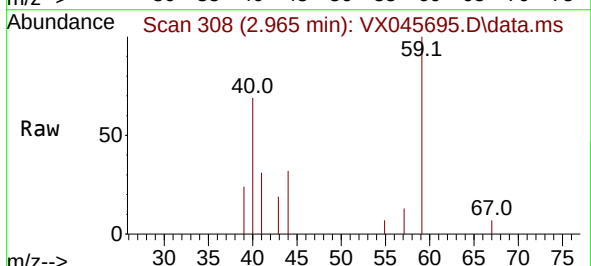
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

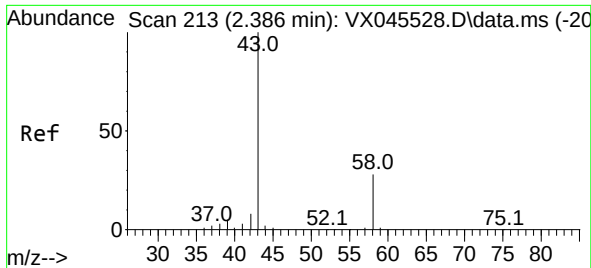
Tgt Ion:168 Resp: 73738
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5



#11
Tert butyl alcohol
Concen: 11.174 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 59 Resp: 2025
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

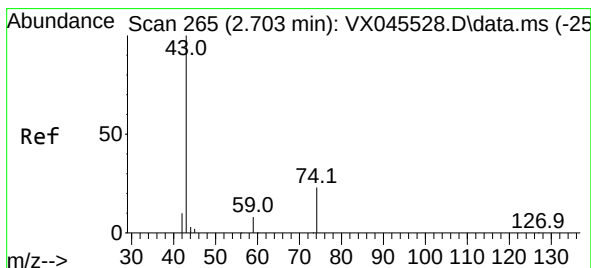
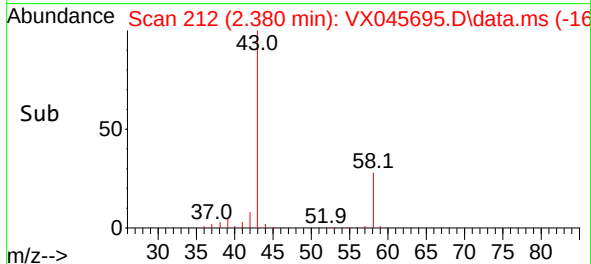
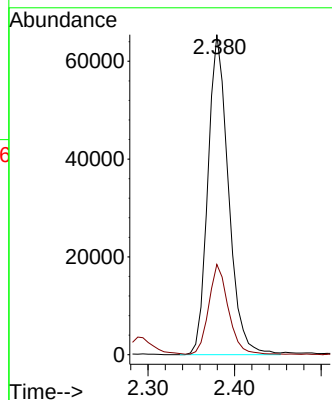
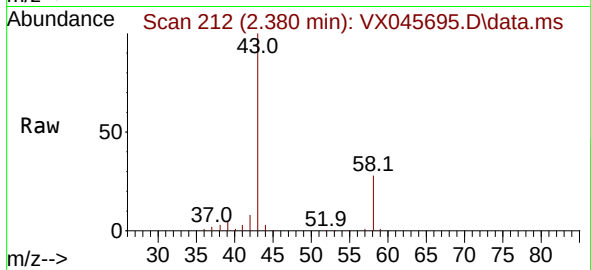




#16
Acetone
Concen: 194.838 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

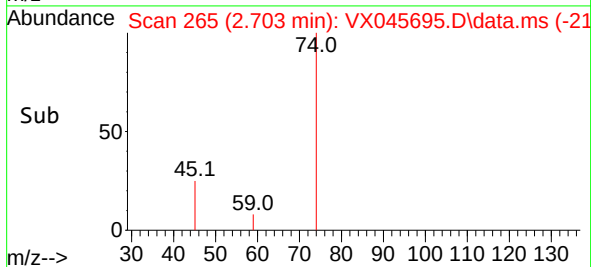
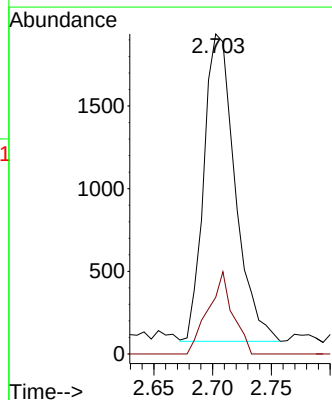
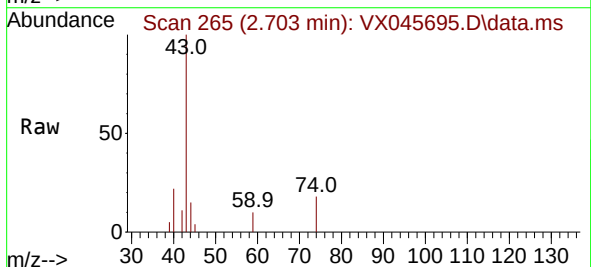
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

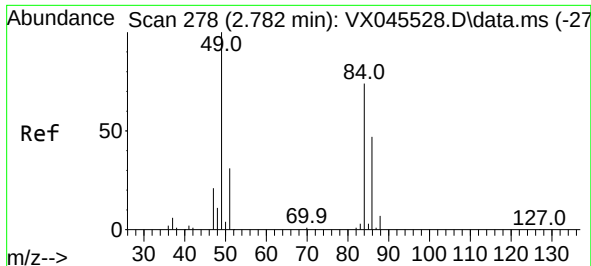
Tgt Ion: 43 Resp: 107886
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5



#18
Methyl Acetate
Concen: 2.698 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
74 21.0 17.5 26.3

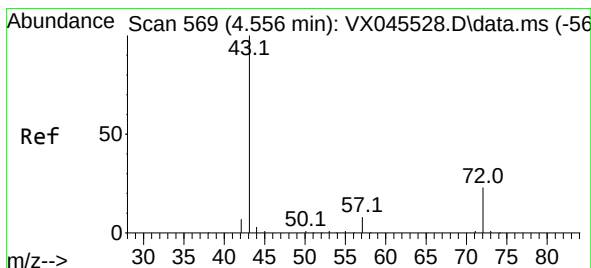
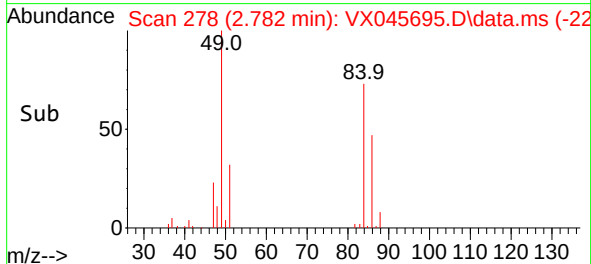
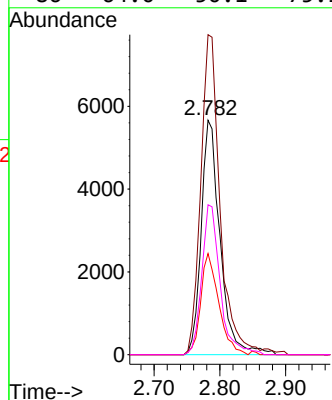
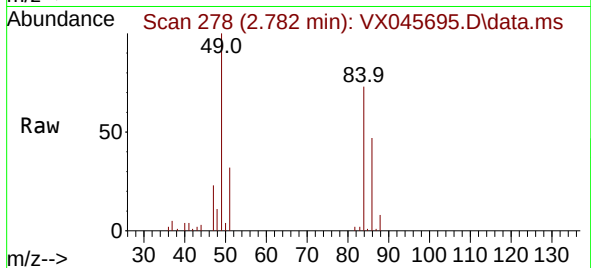




#20
Methylene Chloride
Concen: 10.897 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

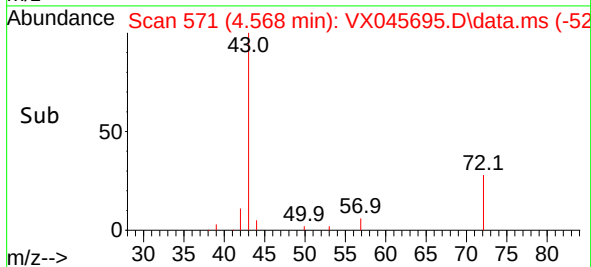
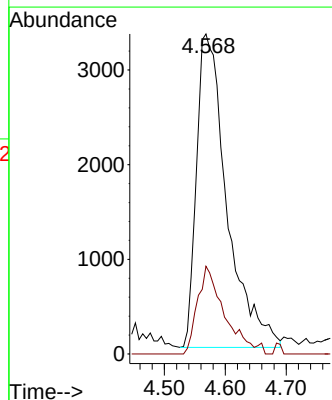
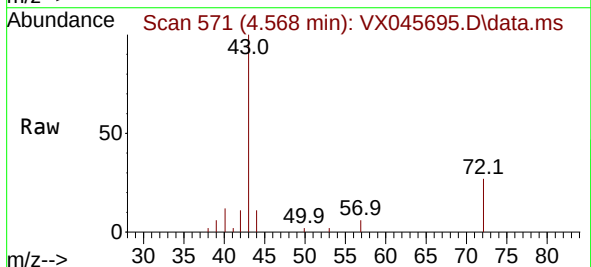
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

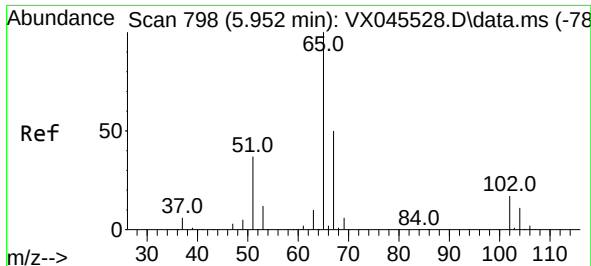
Tgt Ion:	84	Resp:	11296
Ion	Ratio	Lower	Upper
84	100		
49	136.5	107.5	161.3
51	43.2	33.0	49.6
86	64.0	50.1	75.1



#25
2-Butanone
Concen: 14.183 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion:	43	Resp:	11496
Ion	Ratio	Lower	Upper
43	100		
72	28.0	18.6	28.0#





#33

1,2-Dichloroethane-d4

Concen: 56.089 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

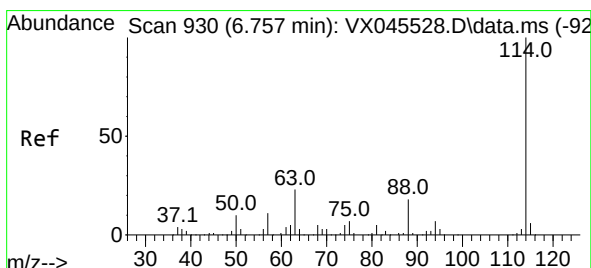
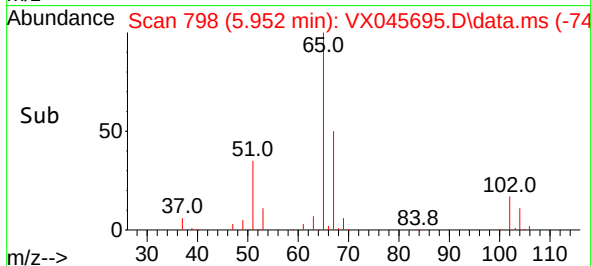
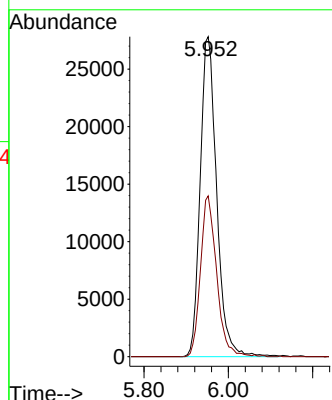
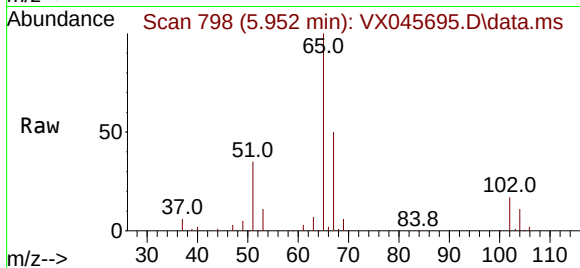
PB167534ZHE#01

Tgt Ion: 65 Resp: 75635

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: VX045695.D

Acq: 10 Apr 2025 13:50

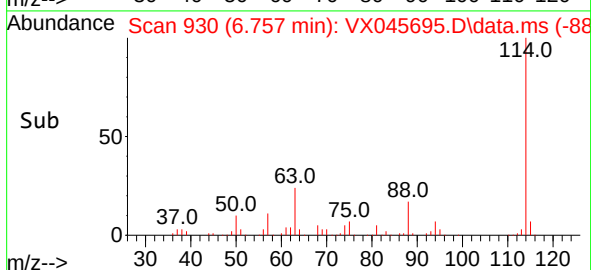
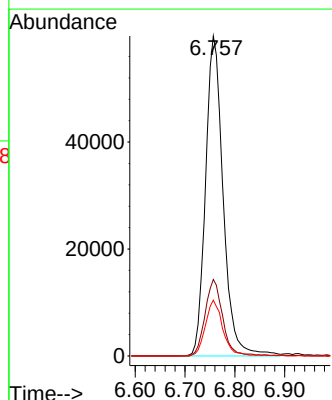
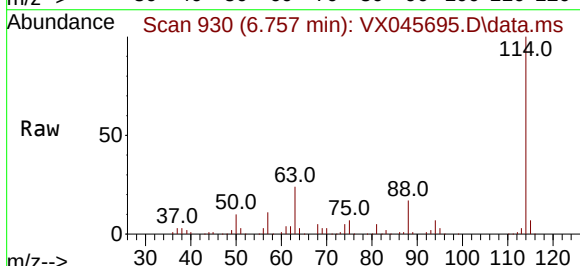
Tgt Ion: 114 Resp: 146866

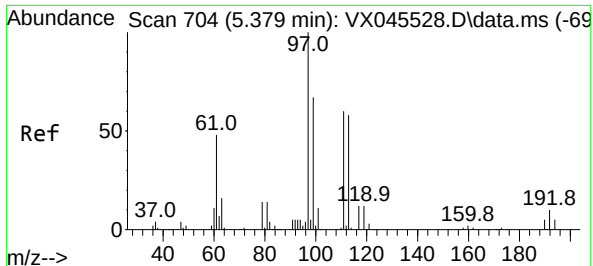
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.834 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045695.D

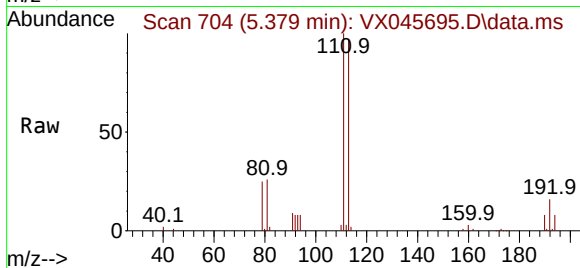
Acq: 10 Apr 2025 13:50

Instrument :

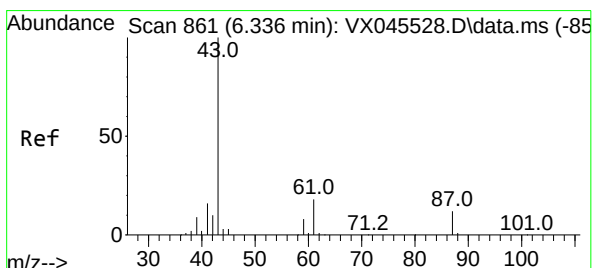
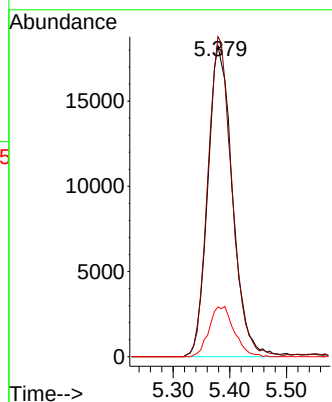
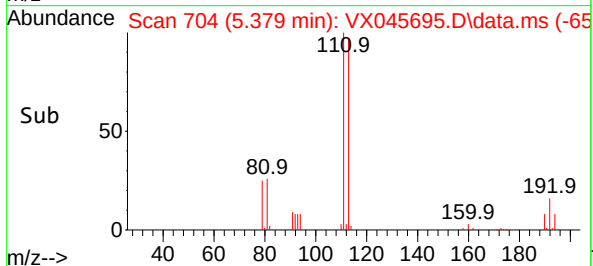
MSVOA_X

ClientSampleId :

PB167534ZHE#01



Tgt Ion:	113	Resp:	55054
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.6
192	16.4	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.003 ug/l

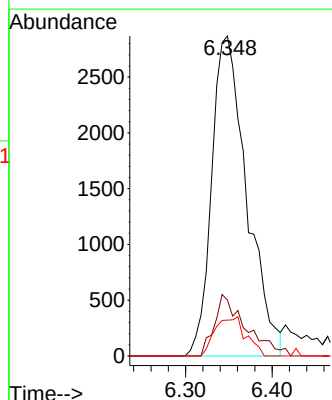
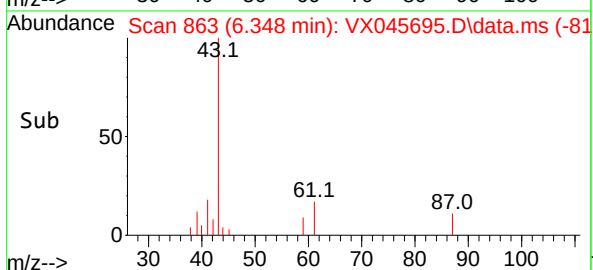
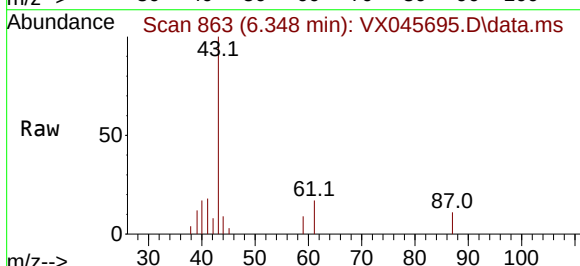
RT: 6.348 min Scan# 863

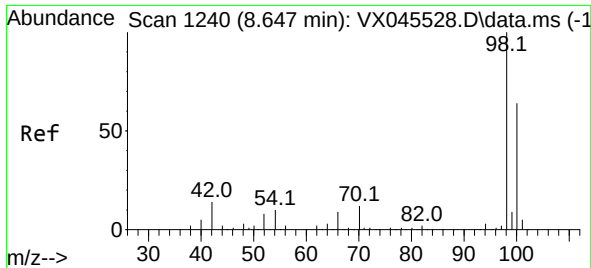
Delta R.T. 0.012 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Tgt Ion:	43	Resp:	8071
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.1	21.1
87	10.7	9.2	13.8

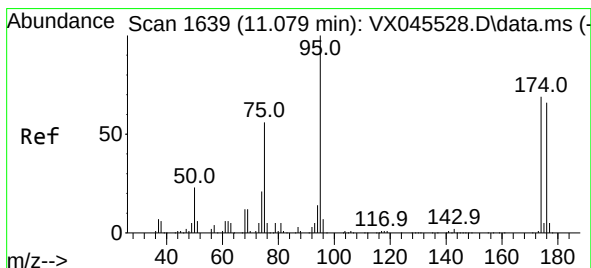
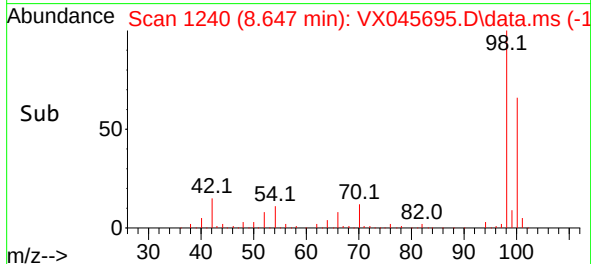
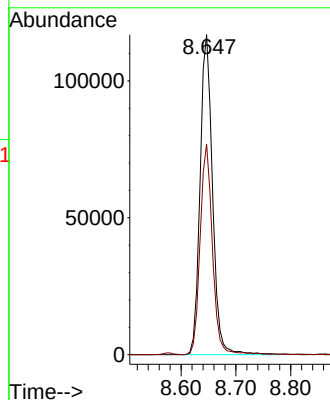
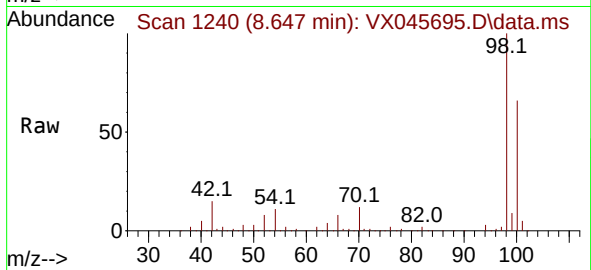




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

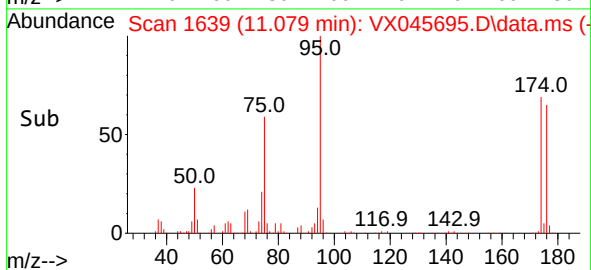
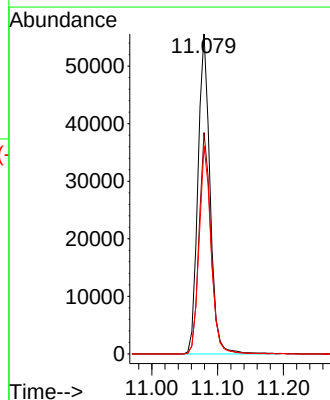
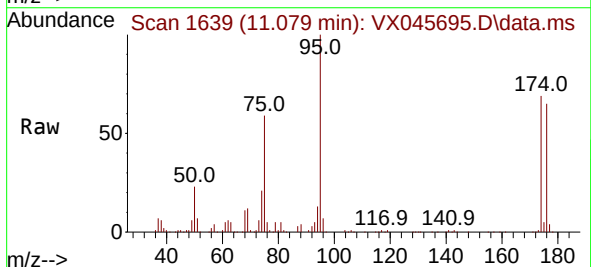
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

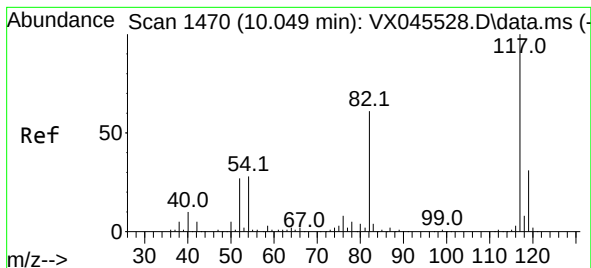
Tgt Ion: 98 Resp: 184726
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 95 Resp: 70461
Ion Ratio Lower Upper
95 100
174 68.1 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: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

PB167534ZHE#01

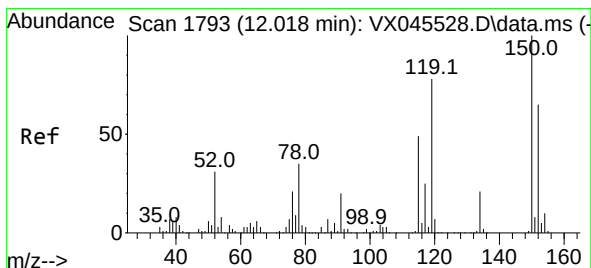
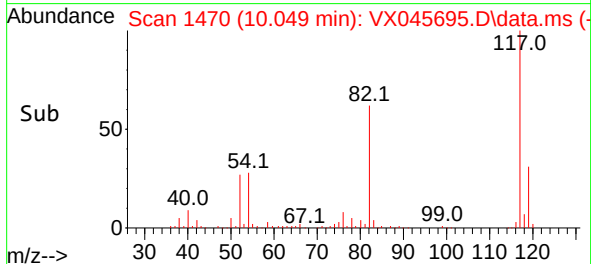
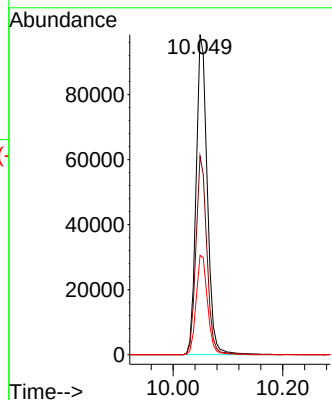
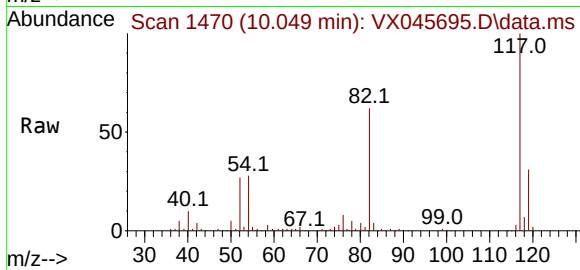
Tgt Ion:117 Resp: 139642

Ion Ratio Lower Upper

117 100

82 62.1 49.2 73.8

119 31.0 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: VX045695.D

Acq: 10 Apr 2025 13:50

Tgt Ion:152 Resp: 61389

Ion Ratio Lower Upper

152 100

115 63.6 46.9 140.7

150 152.7 0.0 349.4

