

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045776.D
 Acq On : 14 Apr 2025 18:17
 Operator : JC/MD
 Sample : Q1787-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5C

Quant Time: Apr 15 01:30:51 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)

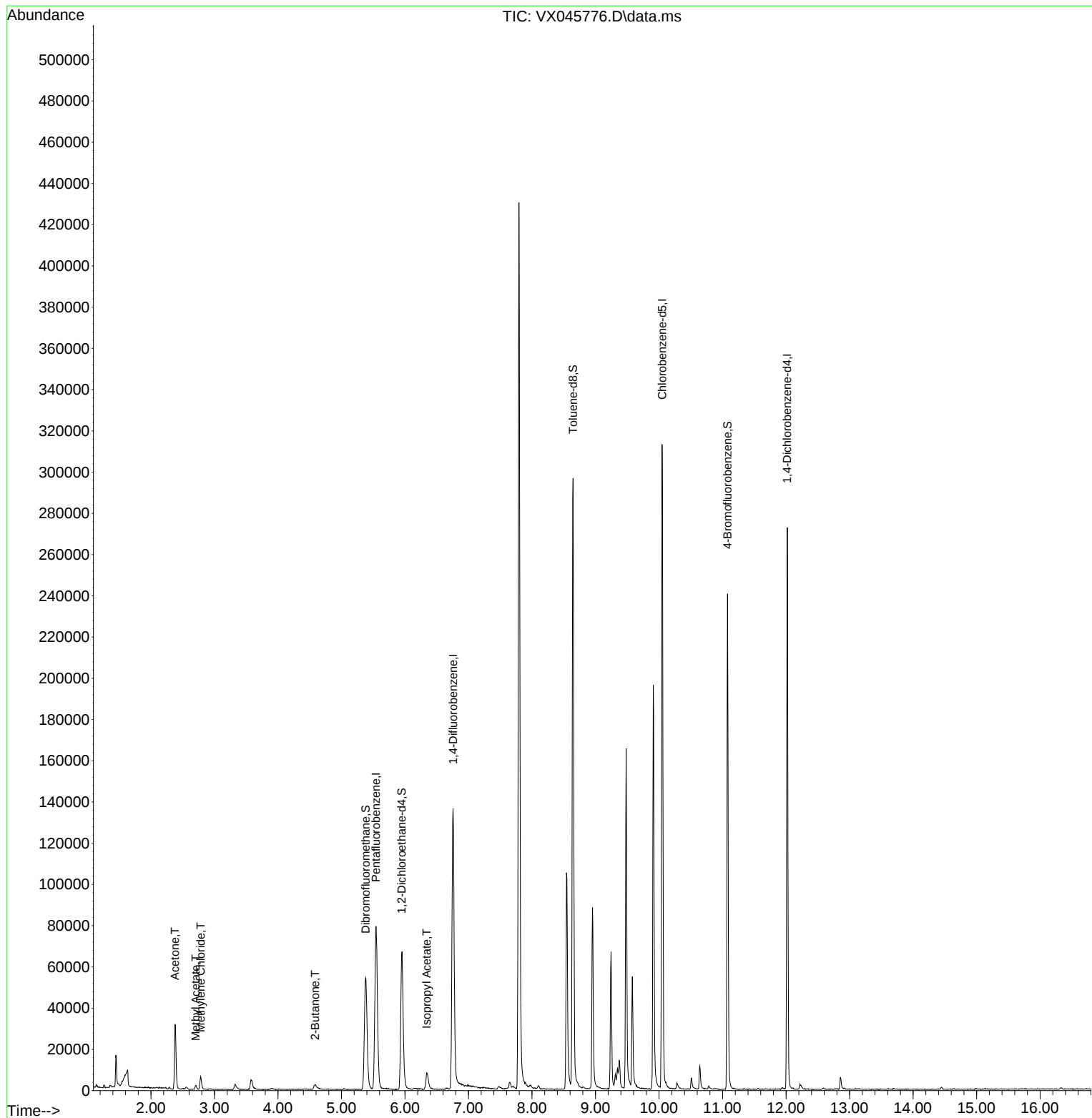
Internal Standards						
1) Pentafluorobenzene	5.544	168	67104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68166	55.548	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	111.100%	
35) Dibromofluoromethane	5.379	113	48145	51.021	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.040%	
50) Toluene-d8	8.647	98	169160	51.359	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	102.720%	
62) 4-Bromofluorobenzene	11.079	95	63599	53.012	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	106.020%	
Target Compounds						Qvalue
16) Acetone	2.380	43	35061	69.579	ug/l	100
18) Methyl Acetate	2.703	43	2398	2.067	ug/l	95
20) Methylene Chloride	2.782	84	2766	2.932	ug/l	97
25) 2-Butanone	4.587	43	5760	7.809	ug/l	98
43) Isopropyl Acetate	6.342	43	12286	5.049	ug/l	97

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

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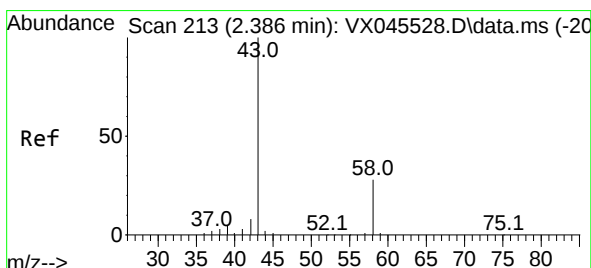
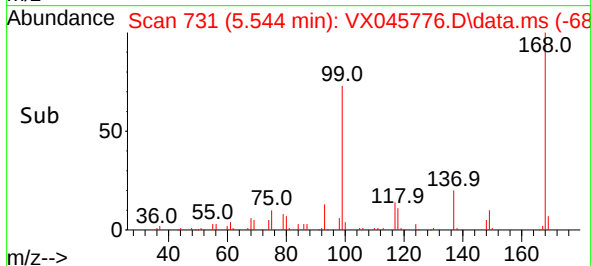
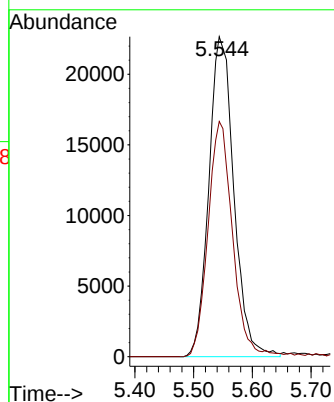
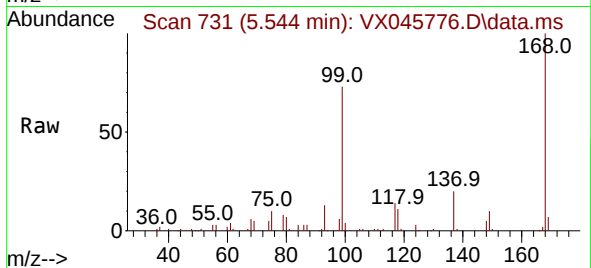




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

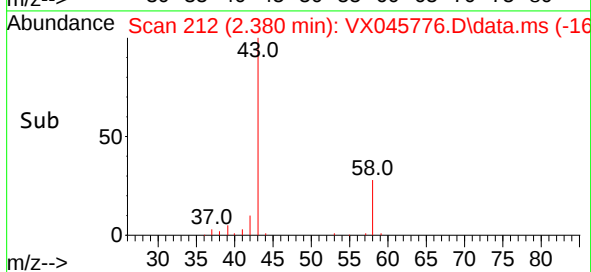
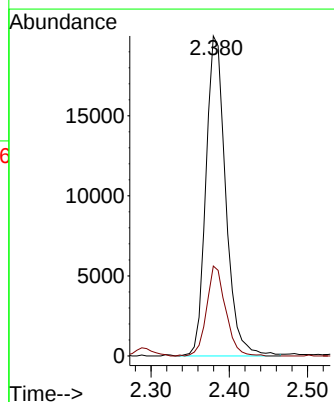
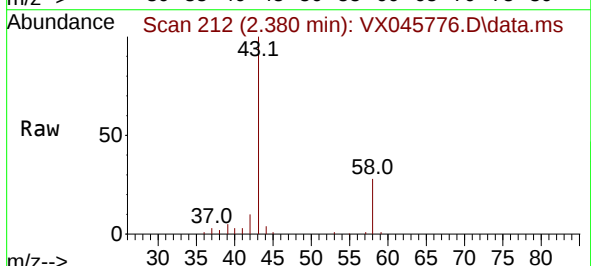
Instrument :
MSVOA_X
ClientSampleId :
TP-5C

Tgt Ion:168 Resp: 67104
Ion Ratio Lower Upper
168 100
99 73.5 52.3 78.5



#16
Acetone
Concen: 69.579 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

Tgt Ion: 43 Resp: 35061
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5

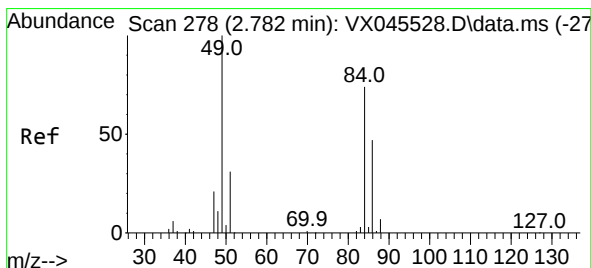
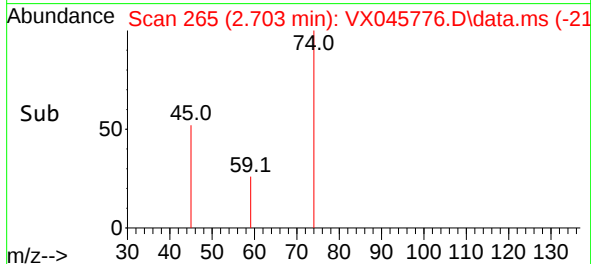
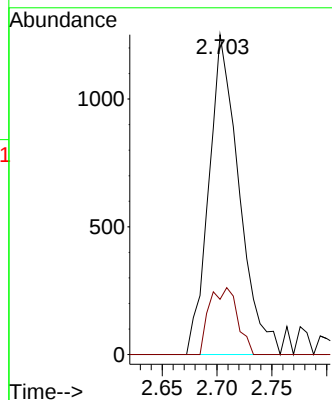
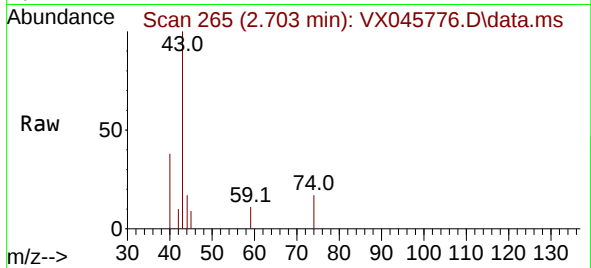




#18
Methyl Acetate
Concen: 2.067 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

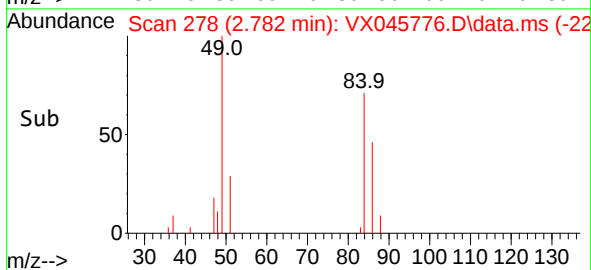
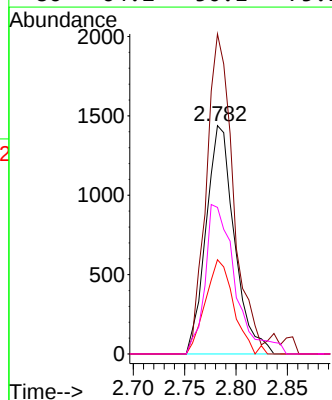
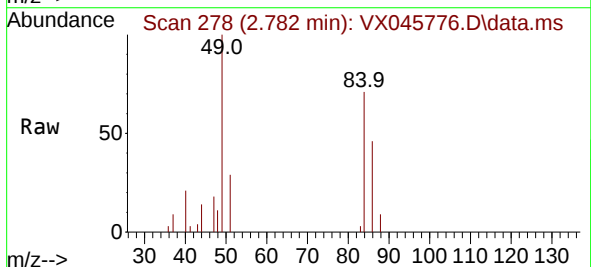
Instrument :
MSVOA_X
ClientSampleId :
TP-5C

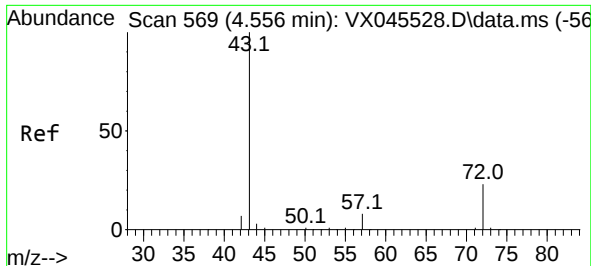
Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
74 19.4 17.5 26.3



#20
Methylene Chloride
Concen: 2.932 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

Tgt Ion: 84 Resp: 2766
Ion Ratio Lower Upper
84 100
49 140.1 107.5 161.3
51 41.3 33.0 49.6
86 64.2 50.1 75.1

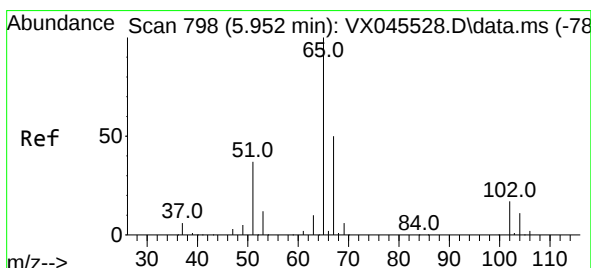
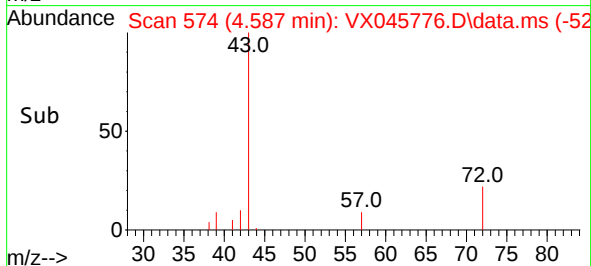
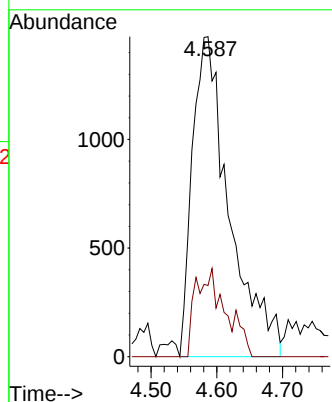
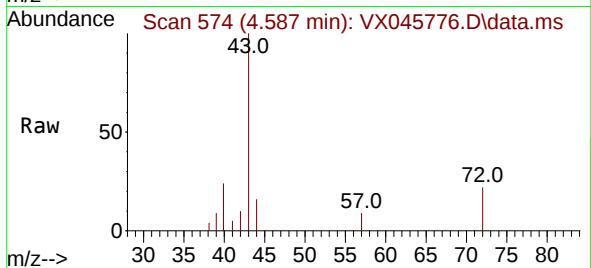




#25
2-Butanone
Concen: 7.809 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

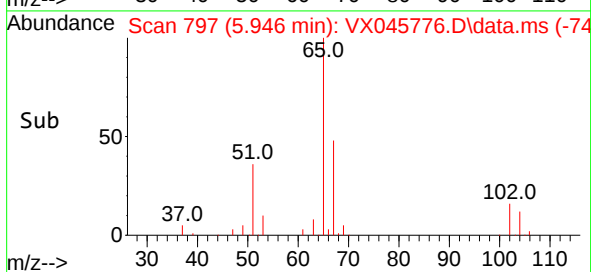
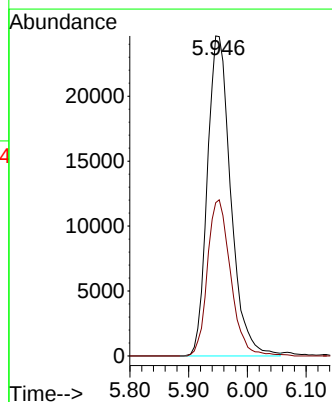
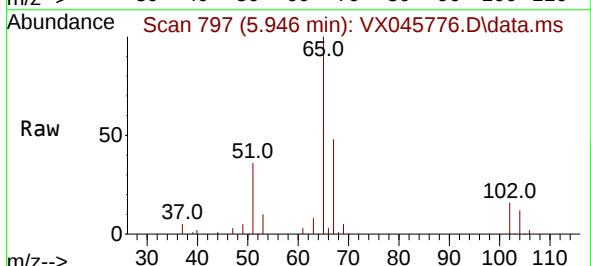
Instrument :
MSVOA_X
ClientSampleId :
TP-5C

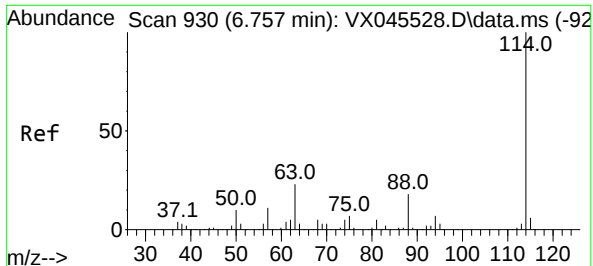
Tgt Ion: 43 Resp: 5760
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.548 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

Tgt Ion: 65 Resp: 68166
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

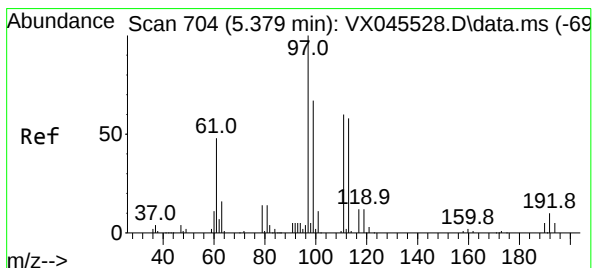
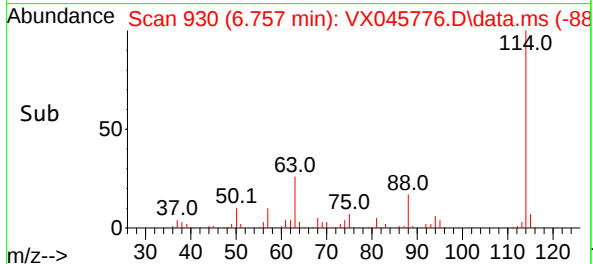
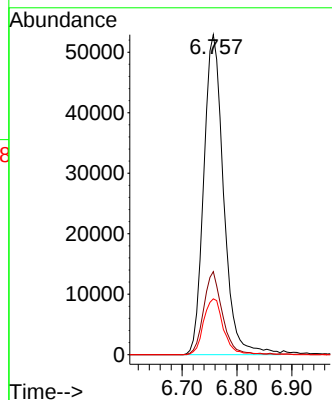
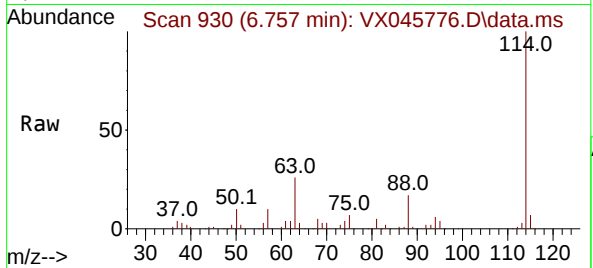




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

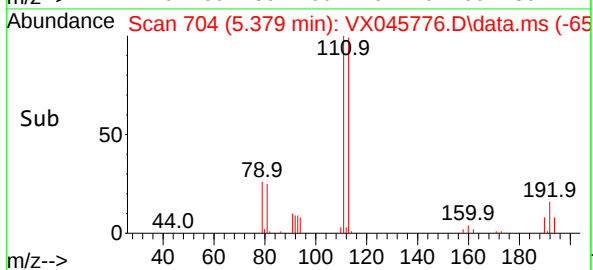
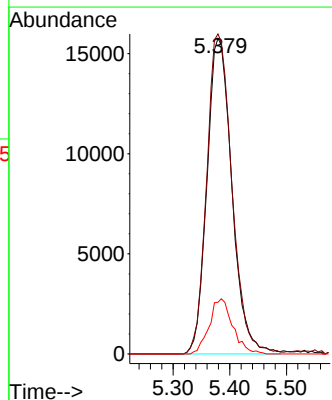
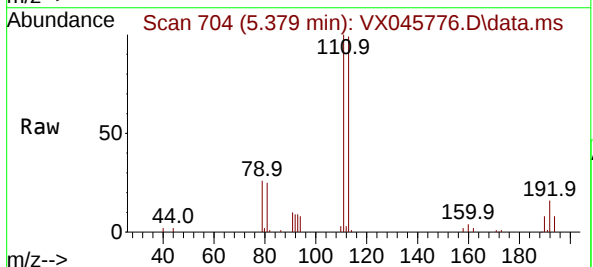
Instrument :
MSVOA_X
ClientSampleId :
TP-5C

Tgt Ion:114 Resp: 133000
Ion Ratio Lower Upper
114 100
63 26.0 0.0 46.8
88 17.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.021 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

Tgt Ion:113 Resp: 48145
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.5 13.8 20.6

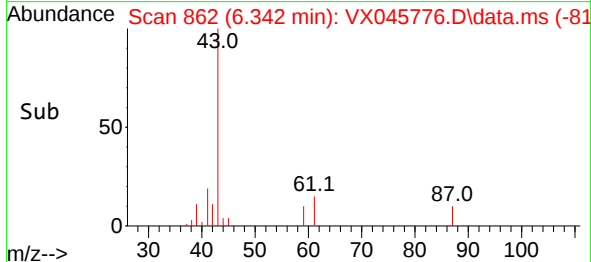
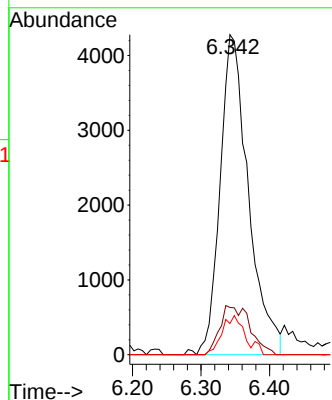
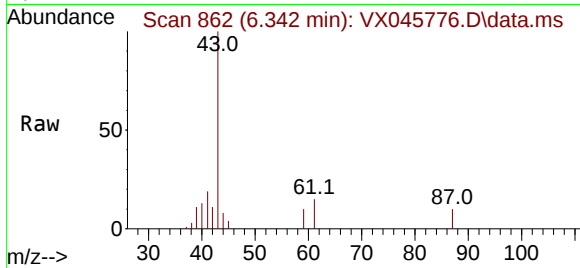




#43
Isopropyl Acetate
Concen: 5.049 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

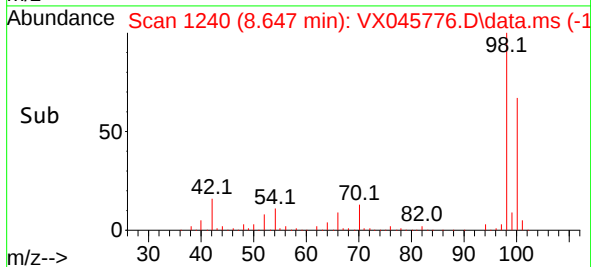
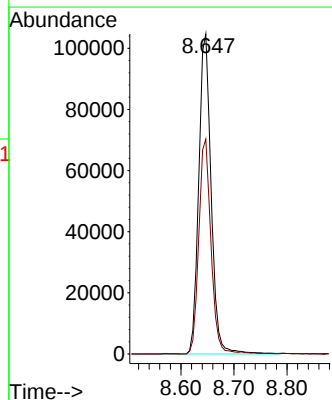
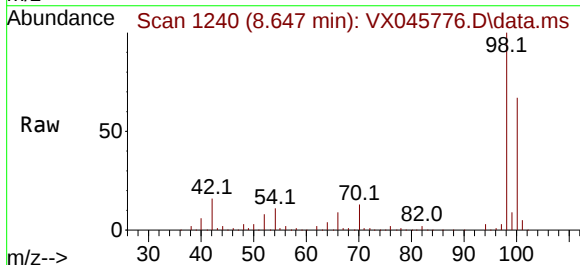
Instrument :
MSVOA_X
ClientSampleId :
TP-5C

Tgt Ion: 43 Resp: 12286
Ion Ratio Lower Upper
43 100
61 16.3 14.1 21.1
87 10.0 9.2 13.8



#50
Toluene-d8
Concen: 51.359 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045776.D
Acq: 14 Apr 2025 18:17

Tgt Ion: 98 Resp: 169160
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 53.012 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045776.D

Acq: 14 Apr 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

TP-5C

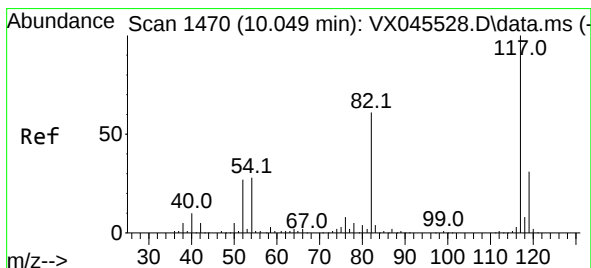
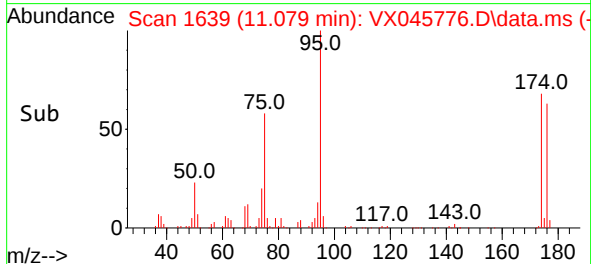
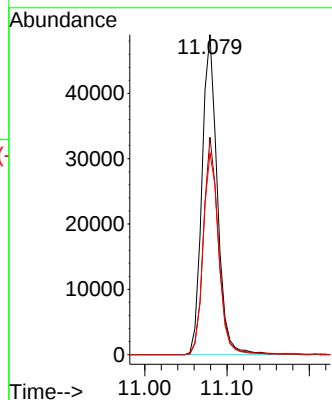
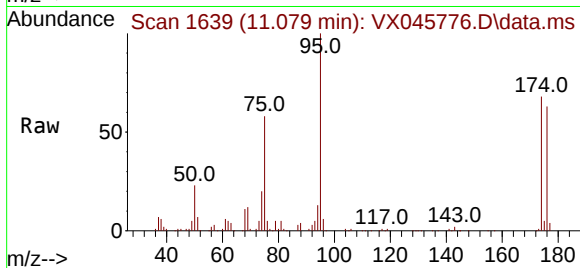
Tgt Ion: 95 Resp: 63599

Ion Ratio Lower Upper

95 100

174 66.6 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: VX045776.D

Acq: 14 Apr 2025 18:17

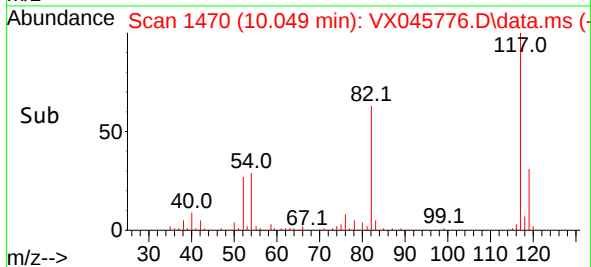
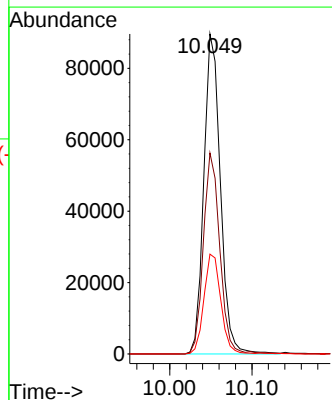
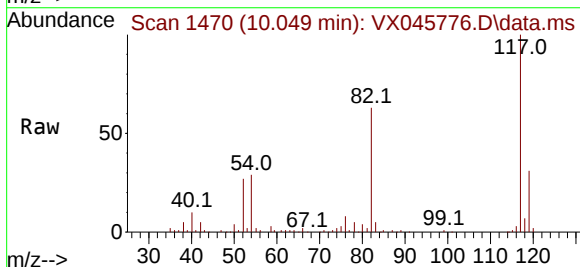
Tgt Ion: 117 Resp: 125448

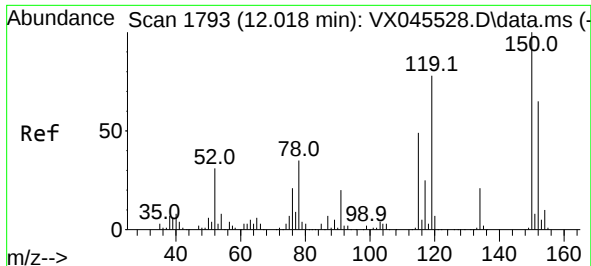
Ion Ratio Lower Upper

117 100

82 62.8 49.2 73.8

119 31.2 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: VX045776.D

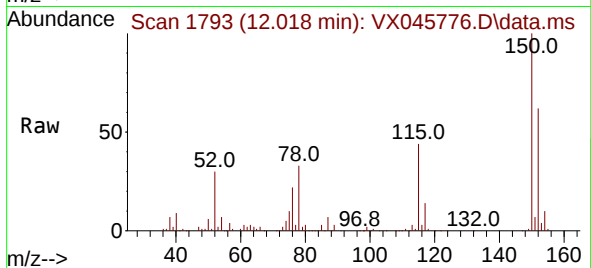
Acq: 14 Apr 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

TP-5C



Tgt Ion:152 Resp: 50289

Ion Ratio Lower Upper

152 100

115 66.9 46.9 140.7

150 157.6 0.0 349.4

