

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045657.D
 Acq On : 08 Apr 2025 17:07
 Operator : JC/MD
 Sample : Q1740-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20

Quant Time: Apr 09 01:42:19 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)

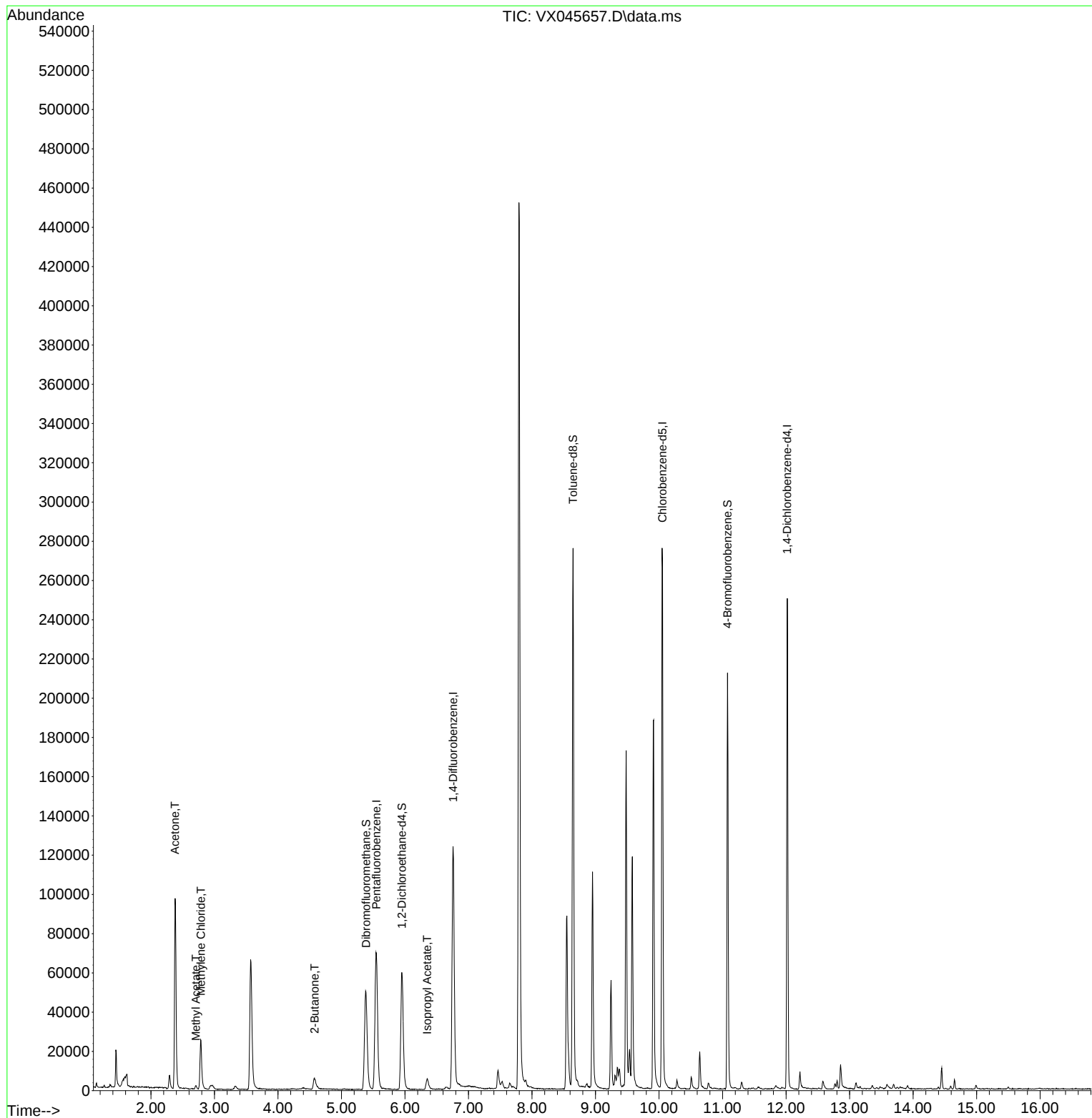
Internal Standards						
1) Pentafluorobenzene	5.549	168	60133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	120743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62577	56.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.800%
35) Dibromofluoromethane	5.385	113	44020	51.385	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	8.646	98	153894	51.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	56020	51.434	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.860%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	108393	240.042	ug/l	96
18) Methyl Acetate	2.708	43	2487	2.392	ug/l	93
20) Methylene Chloride	2.788	84	11597	13.718	ug/l	94
25) 2-Butanone	4.574	43	10924	16.527	ug/l	94
43) Isopropyl Acetate	6.348	43	8251	3.735	ug/l	99

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

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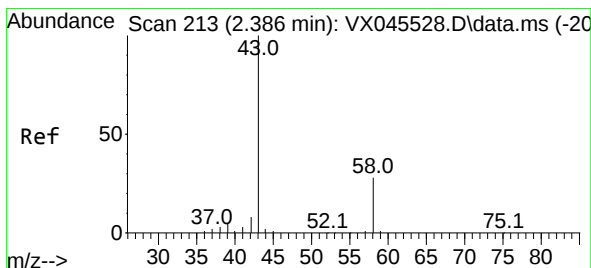
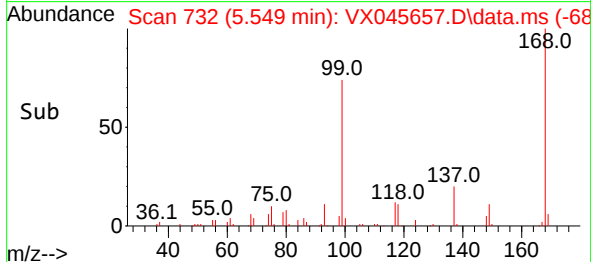
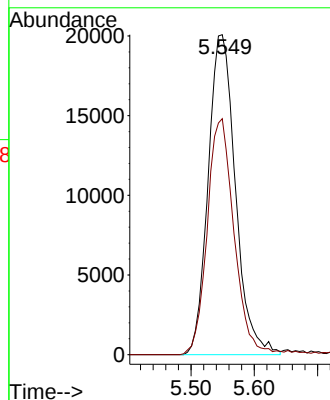
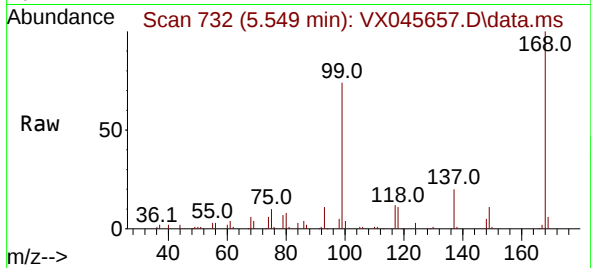




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

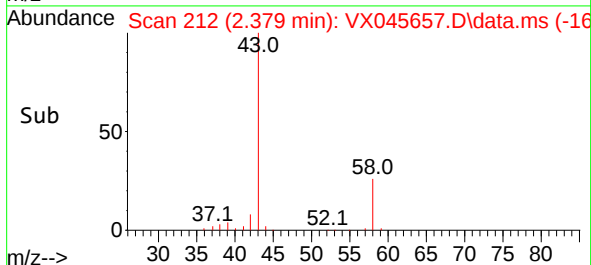
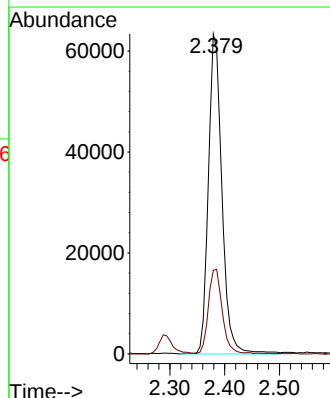
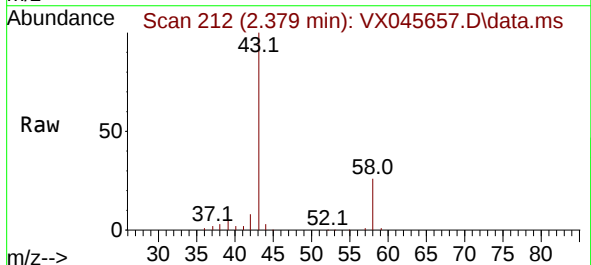
Instrument :
MSVOA_X
ClientSampleId :
TP-20

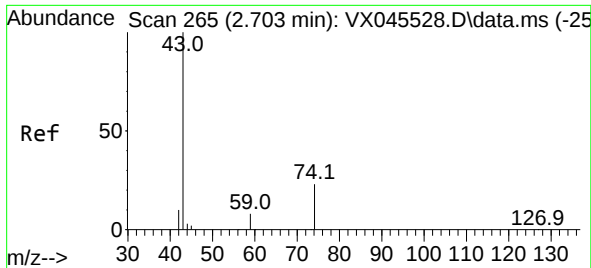
Tgt Ion:168 Resp: 60133
Ion Ratio Lower Upper
168 100
99 73.8 52.3 78.5



#16
Acetone
Concen: 240.042 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 43 Resp: 108393
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5

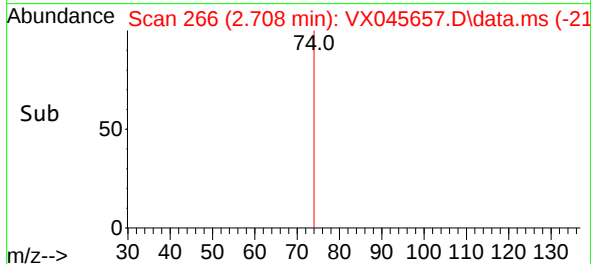
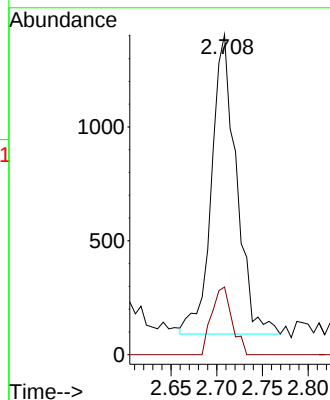
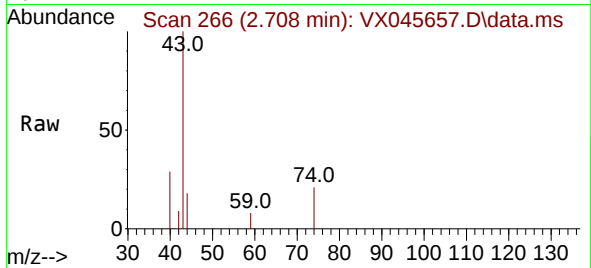




#18
Methyl Acetate
Concen: 2.392 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

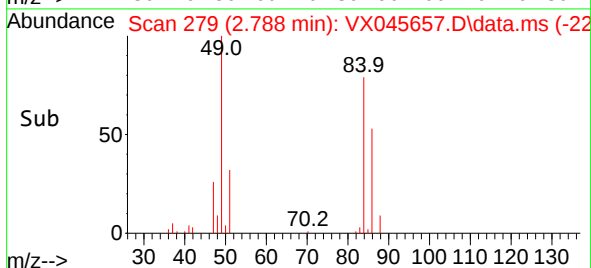
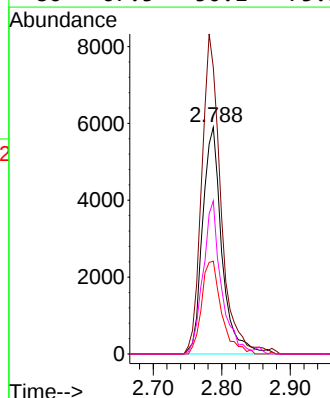
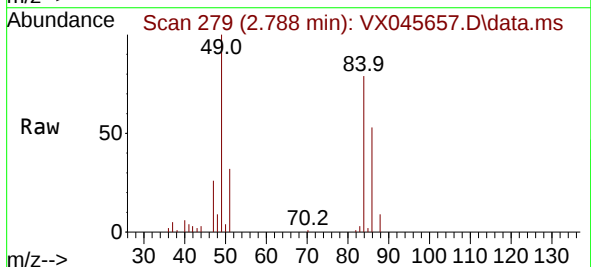
Instrument :
MSVOA_X
ClientSampleId :
TP-20

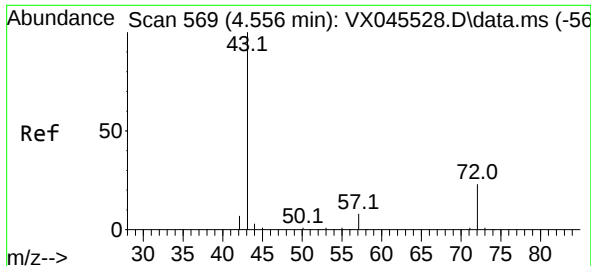
Tgt Ion: 43 Resp: 2487
Ion Ratio Lower Upper
43 100
74 18.4 17.5 26.3



#20
Methylene Chloride
Concen: 13.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 84 Resp: 11597
Ion Ratio Lower Upper
84 100
49 126.3 107.5 161.3
51 40.9 33.0 49.6
86 67.5 50.1 75.1

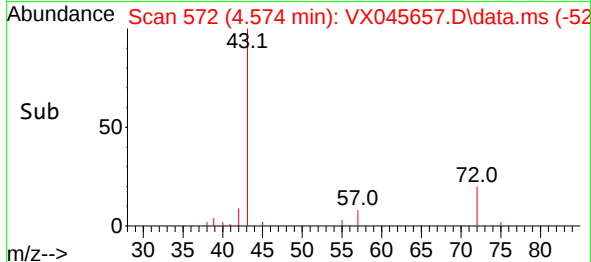
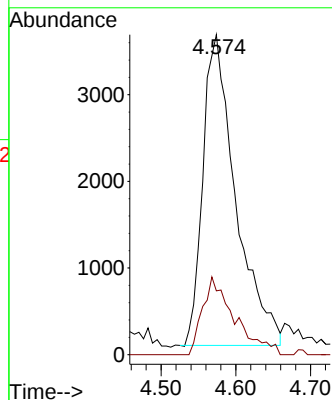
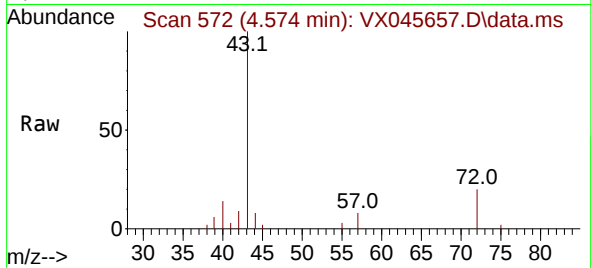




#25
2-Butanone
Concen: 16.527 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

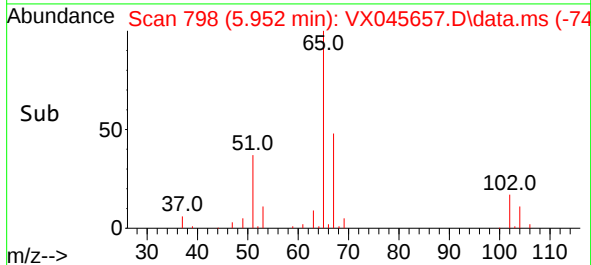
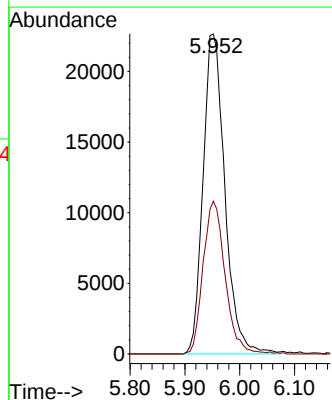
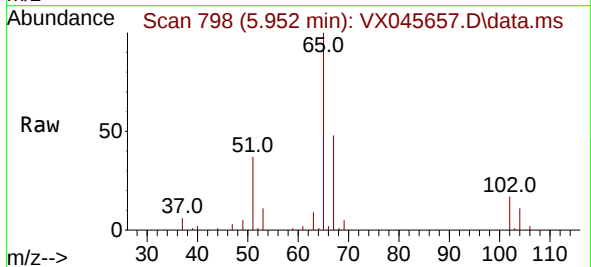
Instrument :
MSVOA_X
ClientSampleId :
TP-20

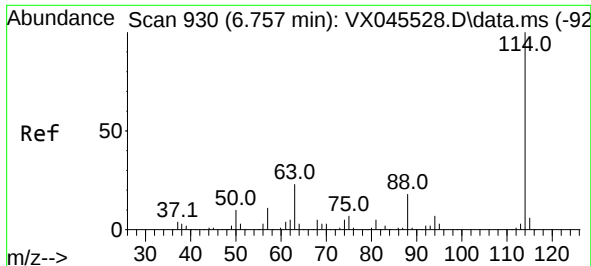
Tgt Ion: 43 Resp: 10924
Ion Ratio Lower Upper
43 100
72 20.6 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 56.905 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 65 Resp: 62577
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

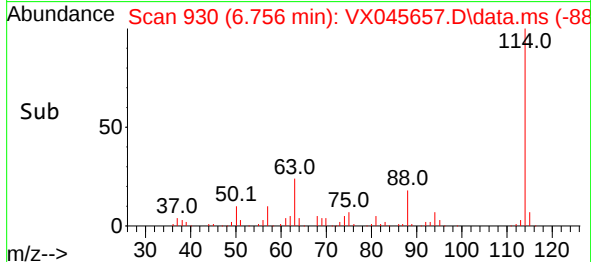
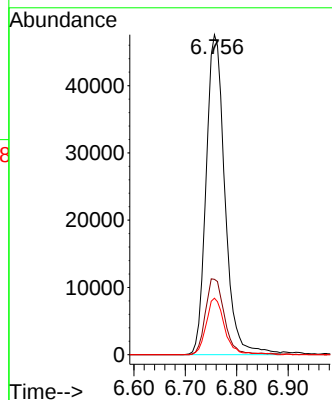
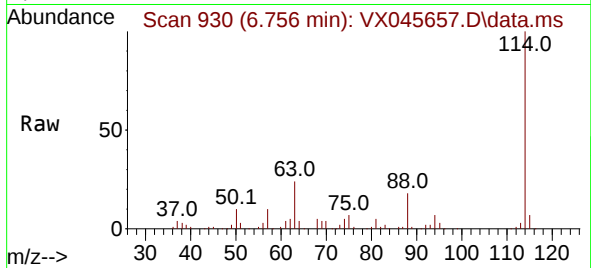




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045657.D
 Acq: 08 Apr 2025 17:07

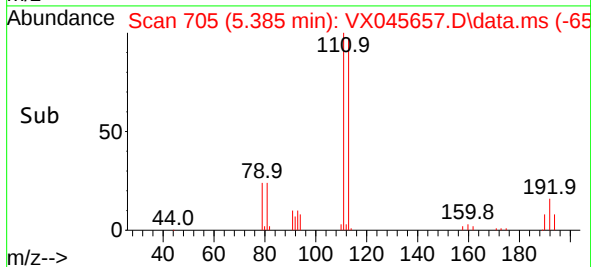
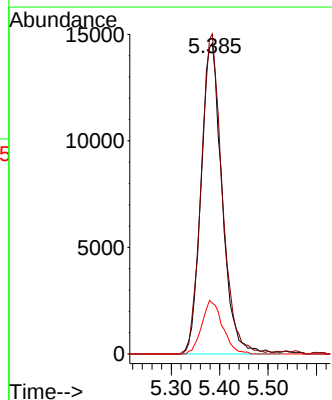
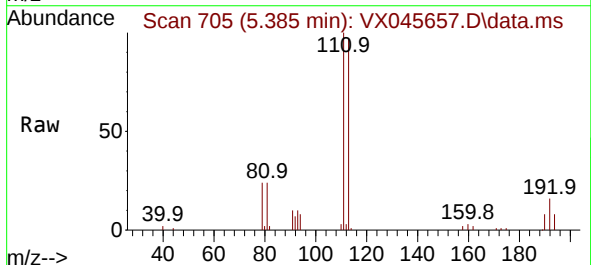
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20

Tgt Ion:114 Resp: 120743
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.8
 88 17.6 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.385 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045657.D
 Acq: 08 Apr 2025 17:07

Tgt Ion:113 Resp: 44020
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 16.9 13.8 20.6

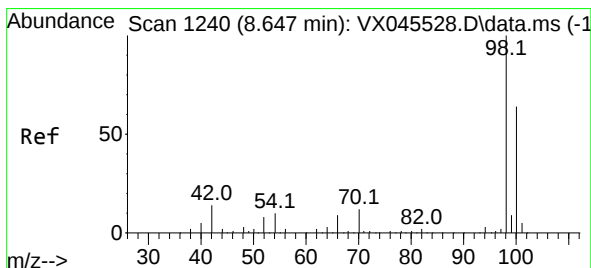
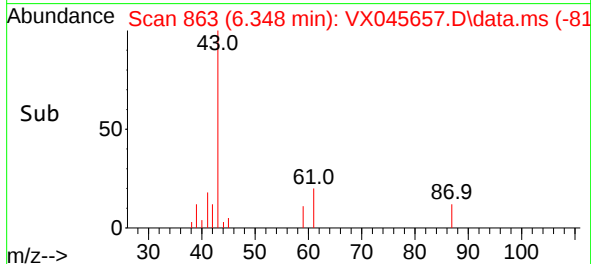
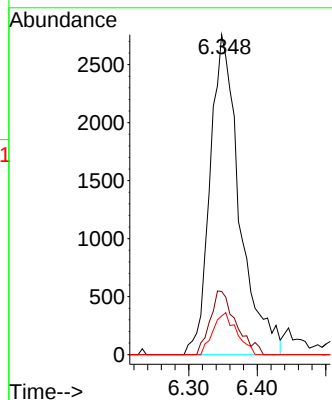
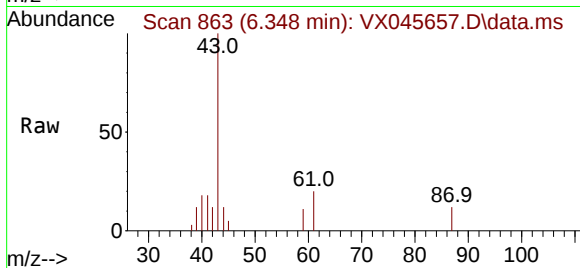




#43
Isopropyl Acetate
Concen: 3.735 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

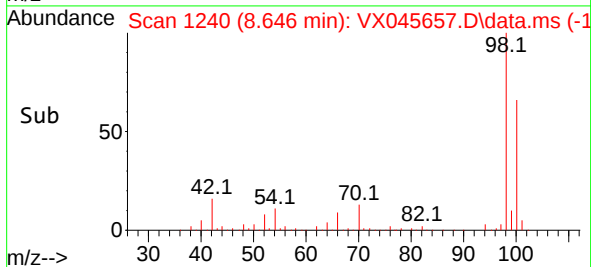
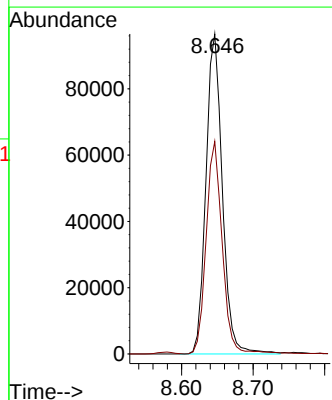
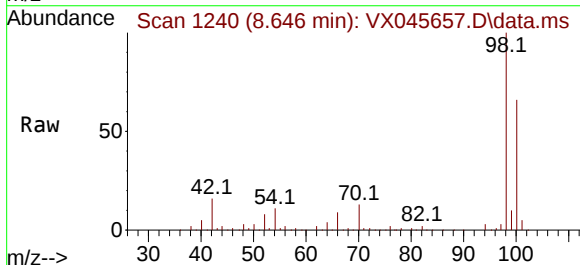
Instrument :
MSVOA_X
ClientSampleId :
TP-20

Tgt Ion: 43 Resp: 8251
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 10.5 9.2 13.8



#50
Toluene-d8
Concen: 51.467 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 98 Resp: 153894
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

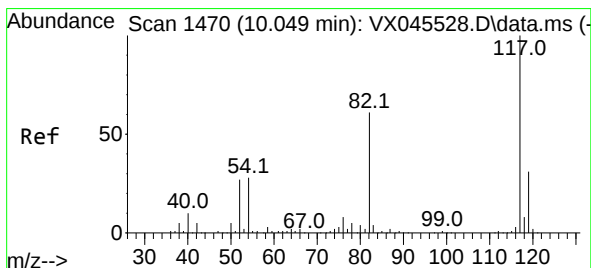
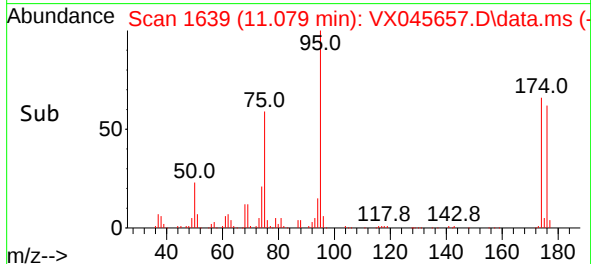
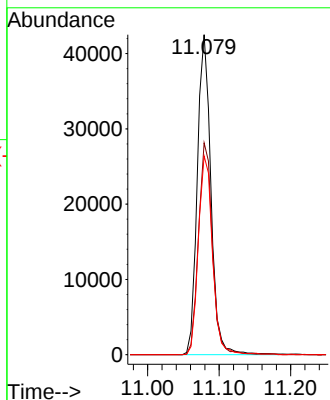
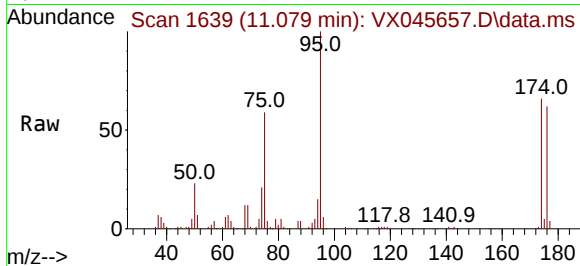




#62
4-Bromofluorobenzene
Concen: 51.434 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

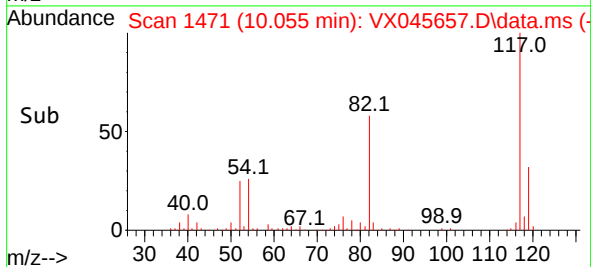
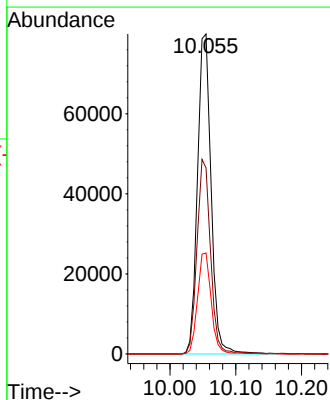
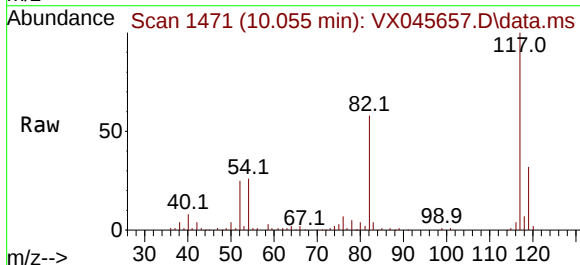
Instrument :
MSVOA_X
ClientSampleId :
TP-20

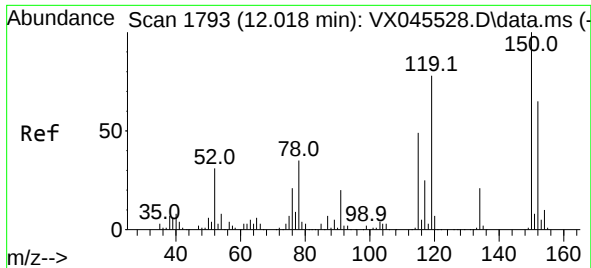
Tgt Ion: 95 Resp: 56020
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045657.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 117 Resp: 114988
Ion Ratio Lower Upper
117 100
82 58.1 49.2 73.8
119 31.5 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: VX045657.D

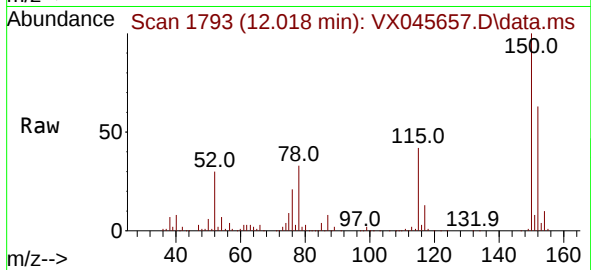
Acq: 08 Apr 2025 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-20



Tgt Ion:152 Resp: 46530

Ion Ratio Lower Upper

152 100

115 64.6 46.9 140.7

150 155.5 0.0 349.4

