

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045770.D
 Acq On : 14 Apr 2025 15:58
 Operator : JC/MD
 Sample : Q1771-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3A

Quant Time: Apr 15 01:29:30 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)

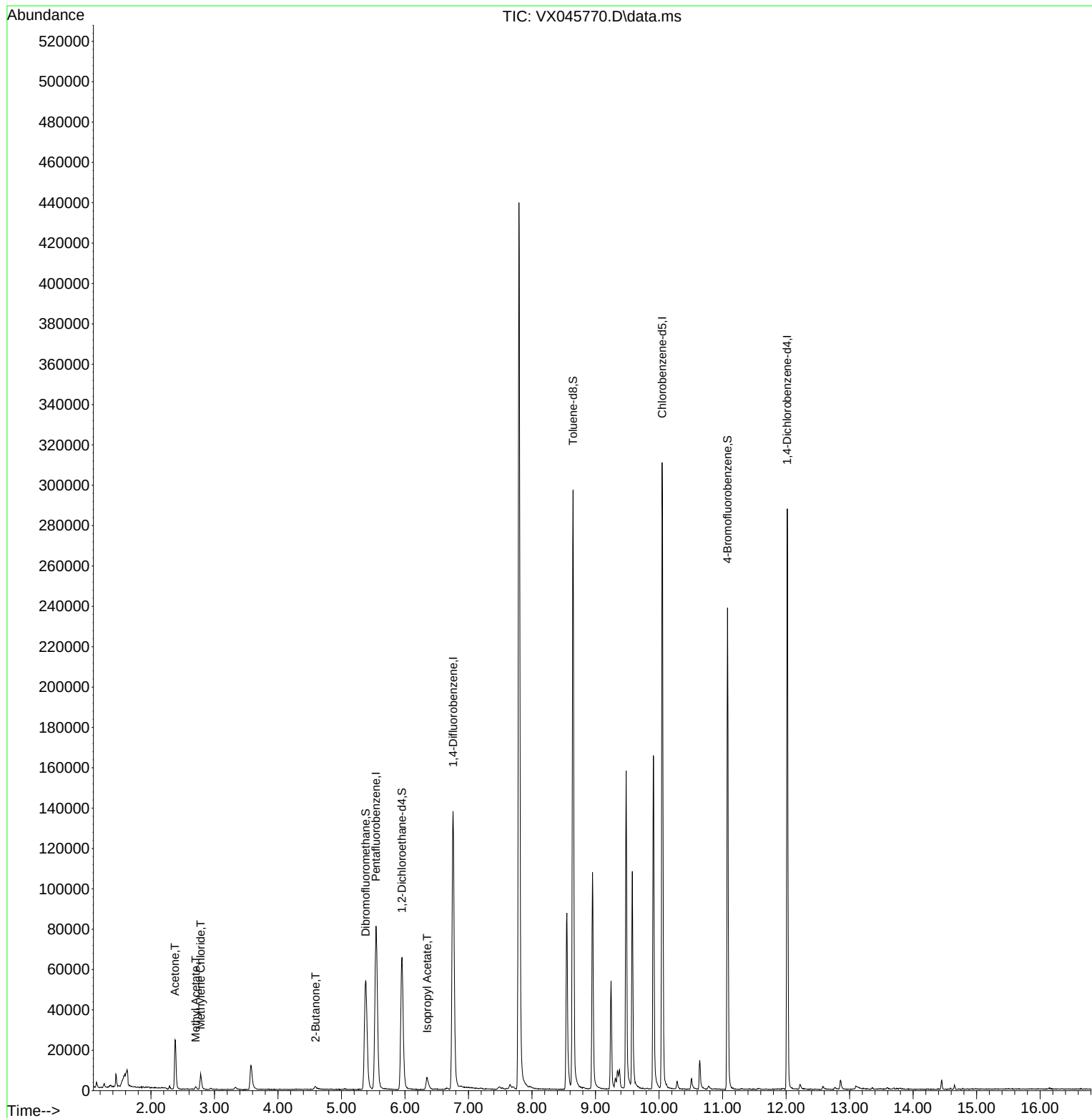
Internal Standards						
1) Pentafluorobenzene	5.543	168	67304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67934	55.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.380%
35) Dibromofluoromethane	5.379	113	47782	50.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	8.646	98	168159	51.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.079	95	63973	53.436	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.880%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	27744	54.894	ug/l	97
18) Methyl Acetate	2.702	43	1911	1.642	ug/l #	90
20) Methylene Chloride	2.782	84	3397	3.590	ug/l	95
25) 2-Butanone	4.592	43	3829	5.176	ug/l #	82
43) Isopropyl Acetate	6.348	43	8551	3.521	ug/l	97

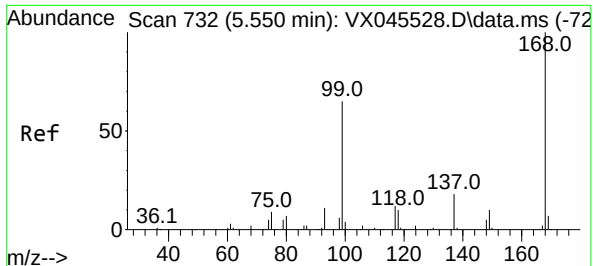
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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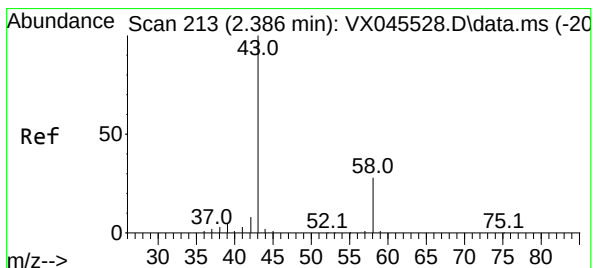
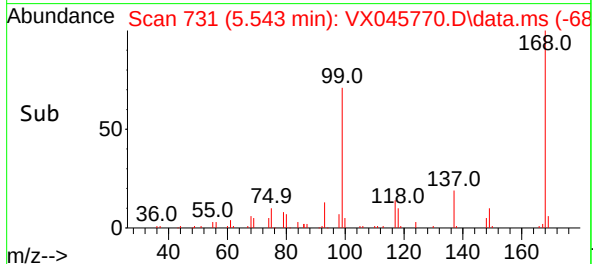
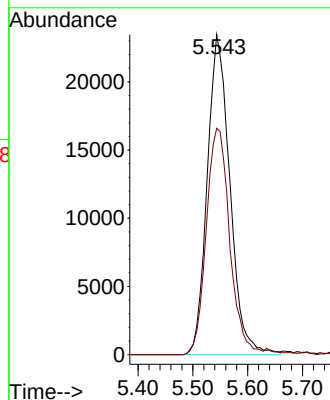
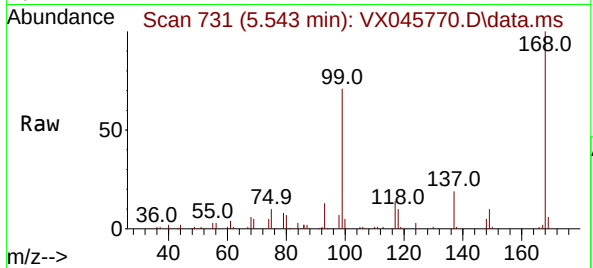




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

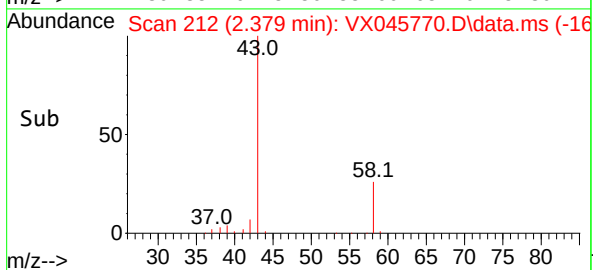
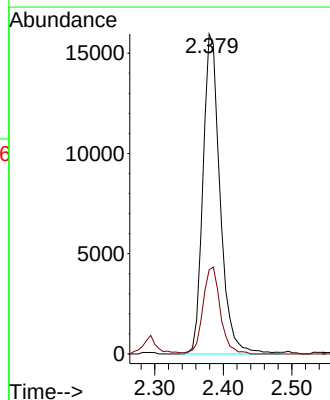
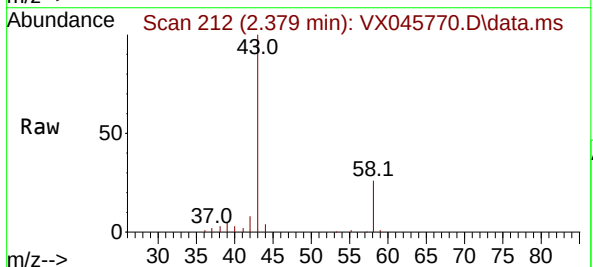
Instrument :
MSVOA_X
ClientSampleId :
TP-3A

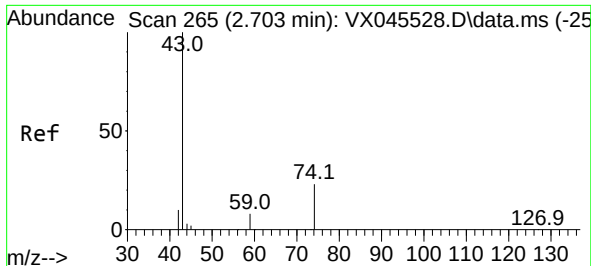
Tgt Ion:168 Resp: 67304
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5



#16
Acetone
Concen: 54.894 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

Tgt Ion: 43 Resp: 27744
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5

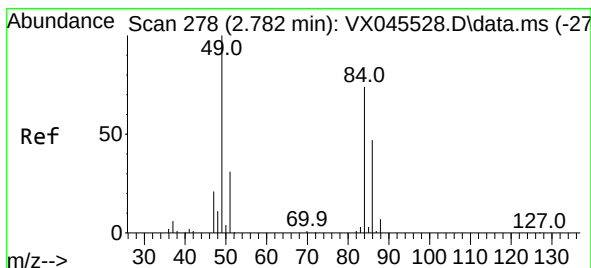
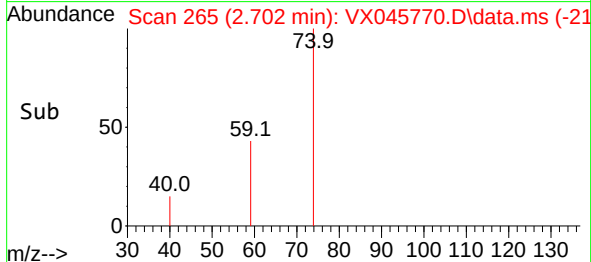
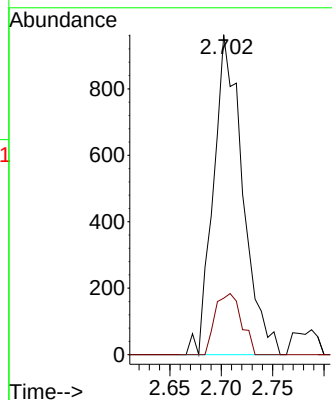
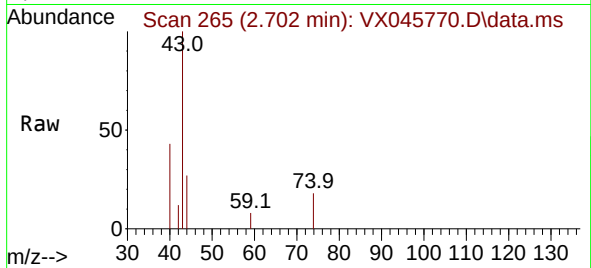




#18
Methyl Acetate
Concen: 1.642 ug/l
RT: 2.702 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

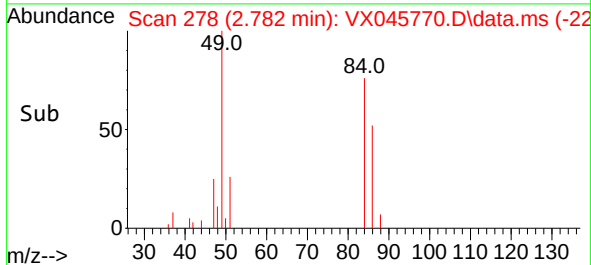
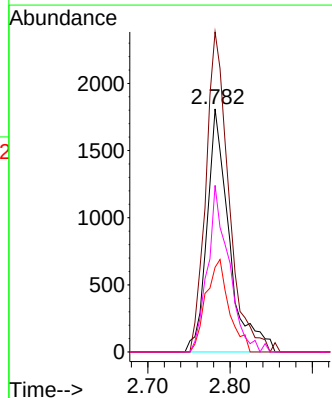
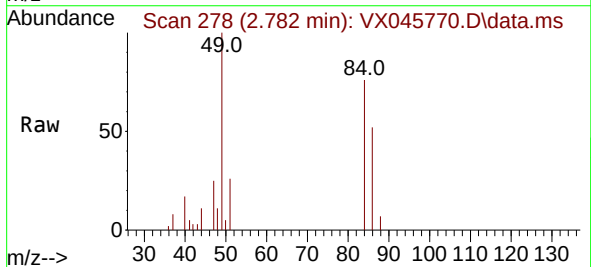
Instrument :
MSVOA_X
ClientSampleId :
TP-3A

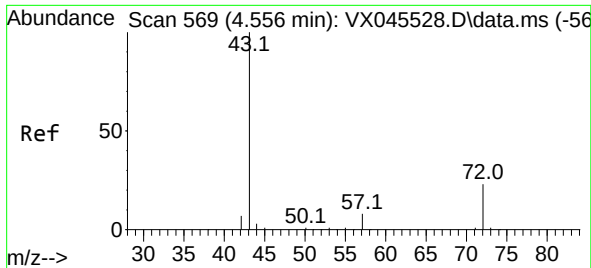
Tgt Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
74 17.1 17.5 26.3#



#20
Methylene Chloride
Concen: 3.590 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

Tgt Ion: 84 Resp: 3397
Ion Ratio Lower Upper
84 100
49 131.7 107.5 161.3
51 34.9 33.0 49.6
86 68.6 50.1 75.1

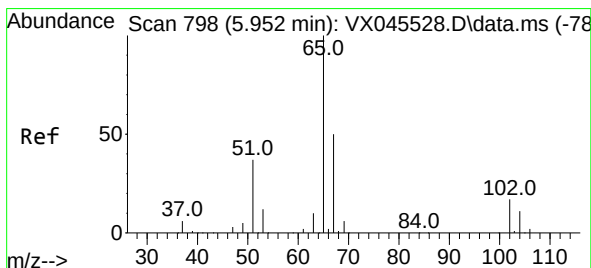
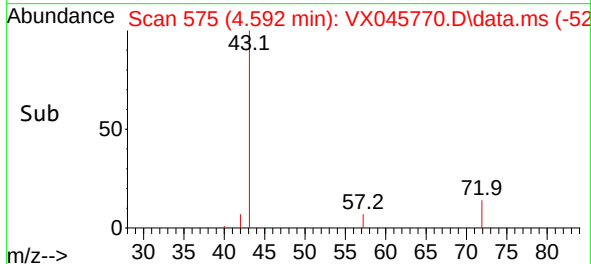
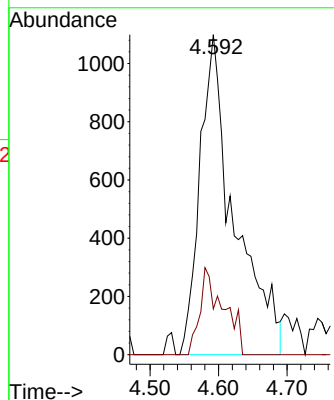
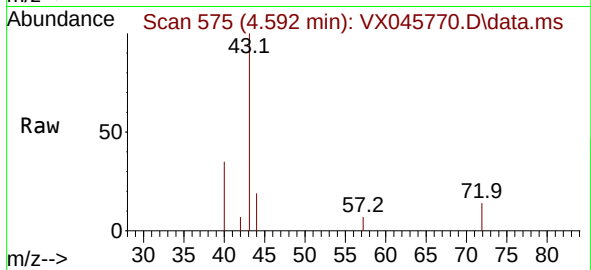




#25
2-Butanone
Concen: 5.176 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

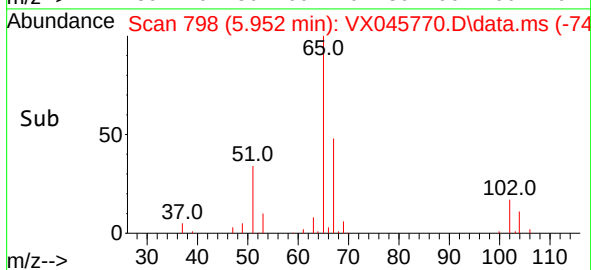
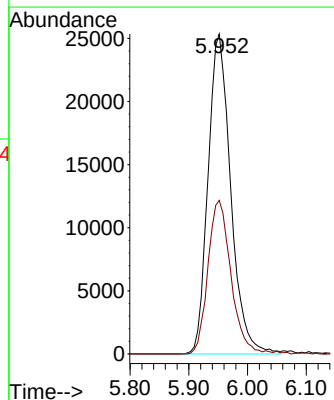
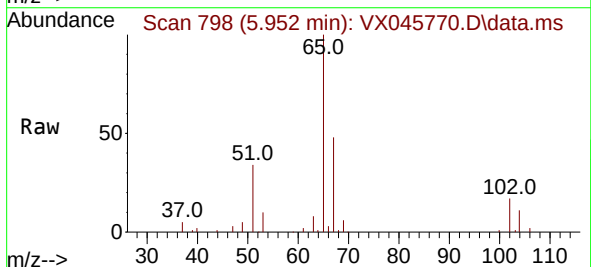
Instrument :
MSVOA_X
ClientSampleId :
TP-3A

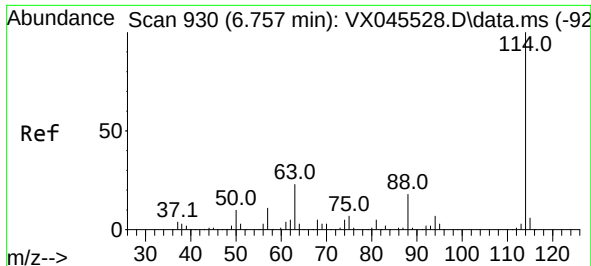
Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
72 14.3 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 55.194 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

Tgt Ion: 65 Resp: 67934
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

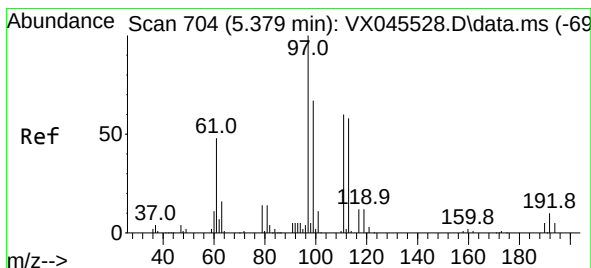
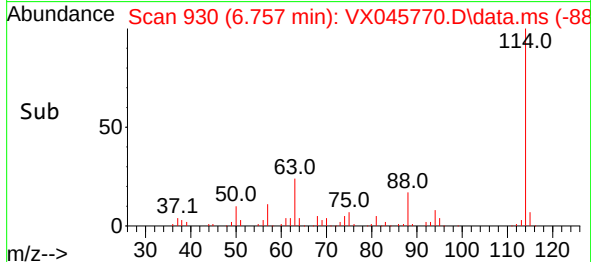
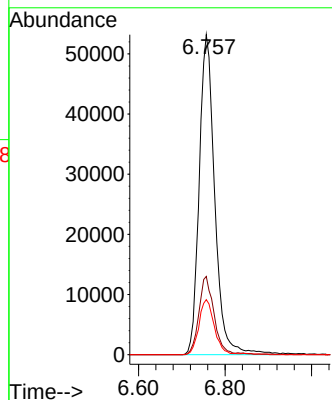
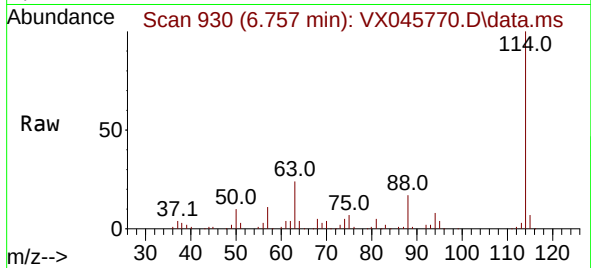




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045770.D
 Acq: 14 Apr 2025 15:58

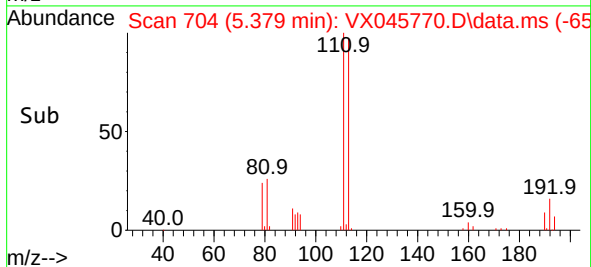
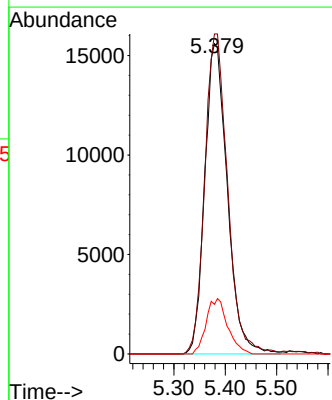
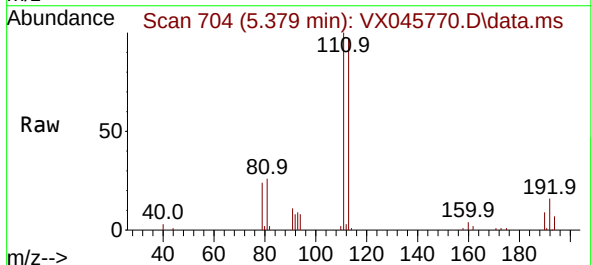
Instrument :
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 ClientSampleId :
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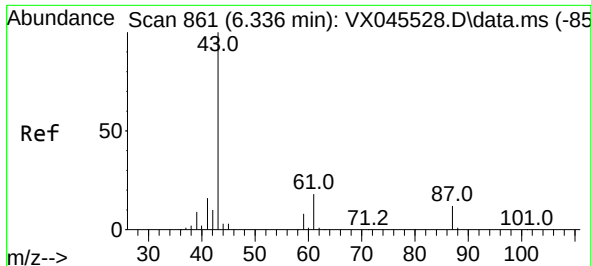
Tgt Ion:114 Resp: 132720
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.8
 88 17.2 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.743 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045770.D
 Acq: 14 Apr 2025 15:58

Tgt Ion:113 Resp: 47782
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.6
 192 16.8 13.8 20.6

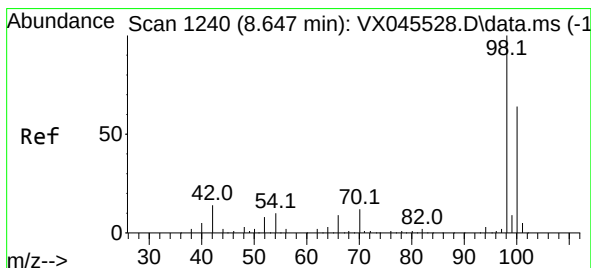
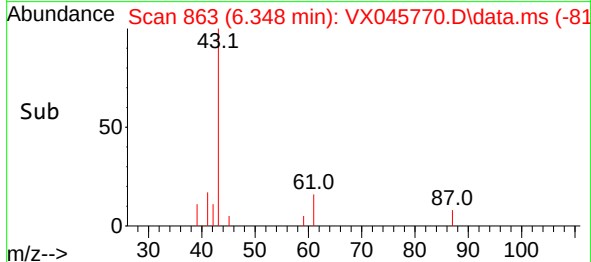
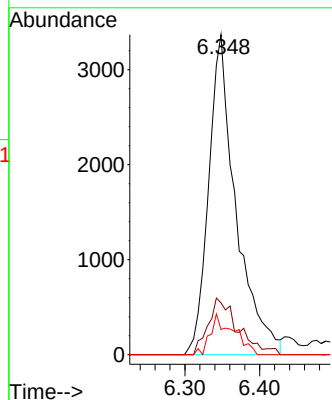
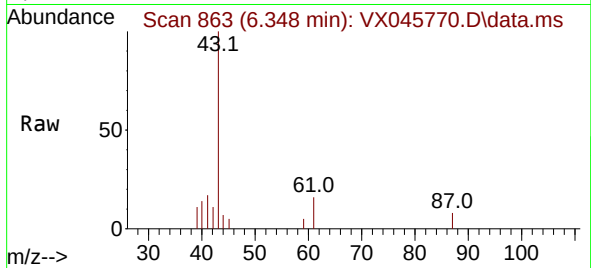




#43
Isopropyl Acetate
Concen: 3.521 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

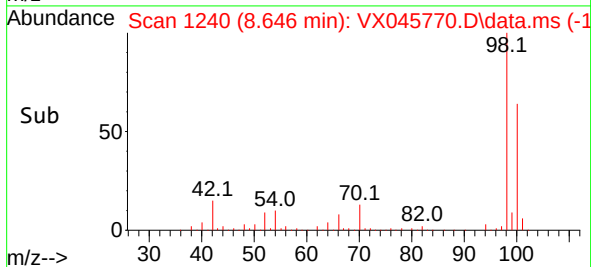
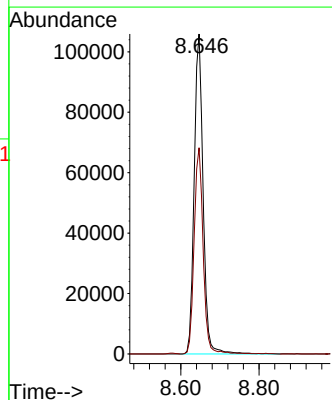
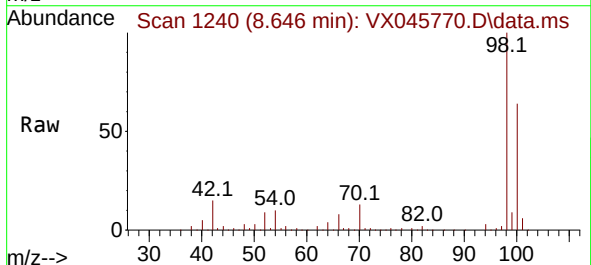
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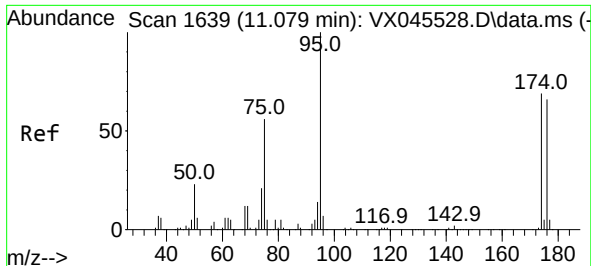
Tgt Ion: 43 Resp: 8551
Ion Ratio Lower Upper
43 100
61 19.3 14.1 21.1
87 10.8 9.2 13.8



#50
Toluene-d8
Concen: 51.163 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

Tgt Ion: 98 Resp: 168159
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

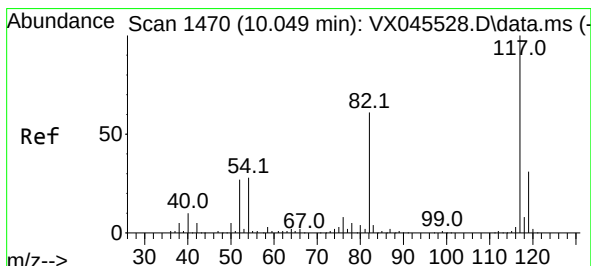
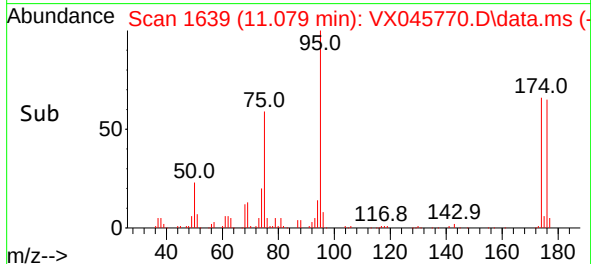
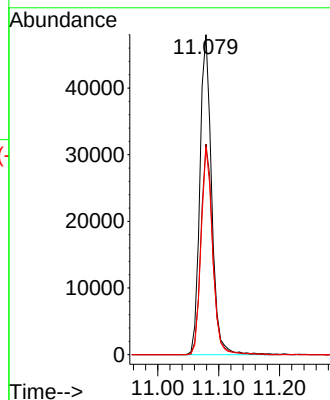
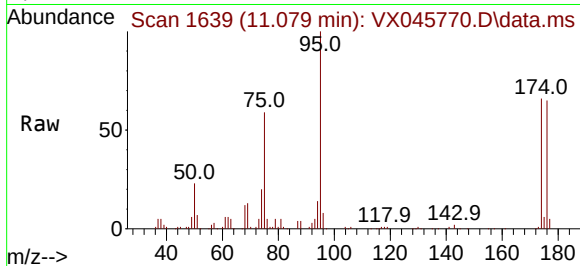




#62
4-Bromofluorobenzene
Concen: 53.436 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

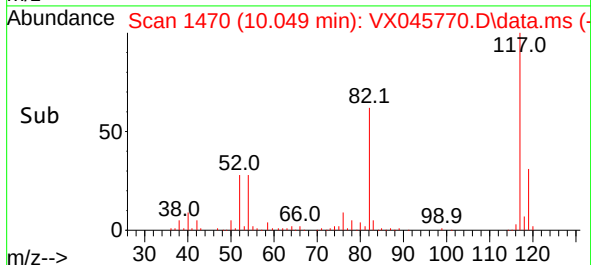
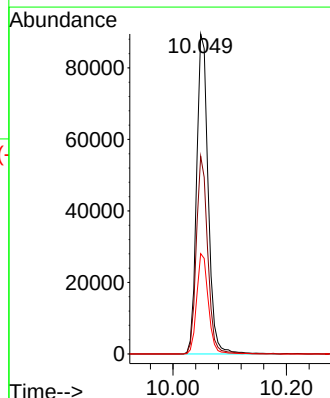
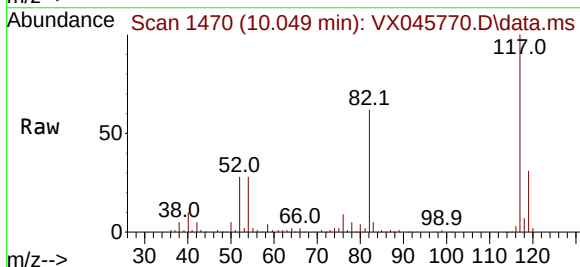
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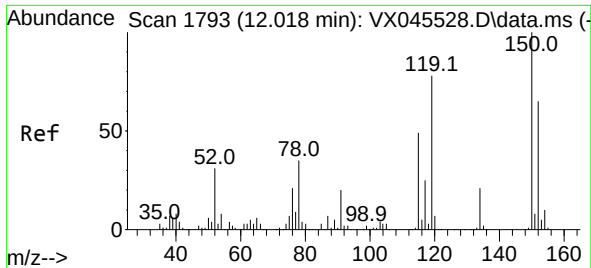
Tgt Ion: 95 Resp: 63973
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045770.D
Acq: 14 Apr 2025 15:58

Tgt Ion: 117 Resp: 126403
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 31.4 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: VX045770.D

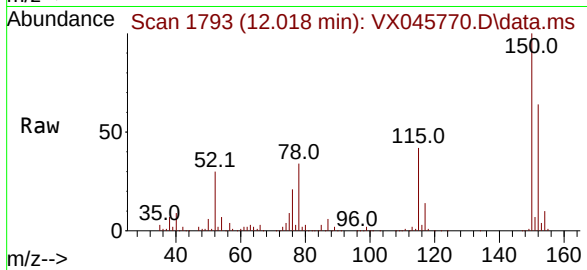
Acq: 14 Apr 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

TP-3A



Tgt Ion:152 Resp: 52602

Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 161.4 0.0 349.4

