

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045772.D
 Acq On : 14 Apr 2025 16:44
 Operator : JC/MD
 Sample : Q1779-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-23

Quant Time: Apr 15 01:29:56 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)

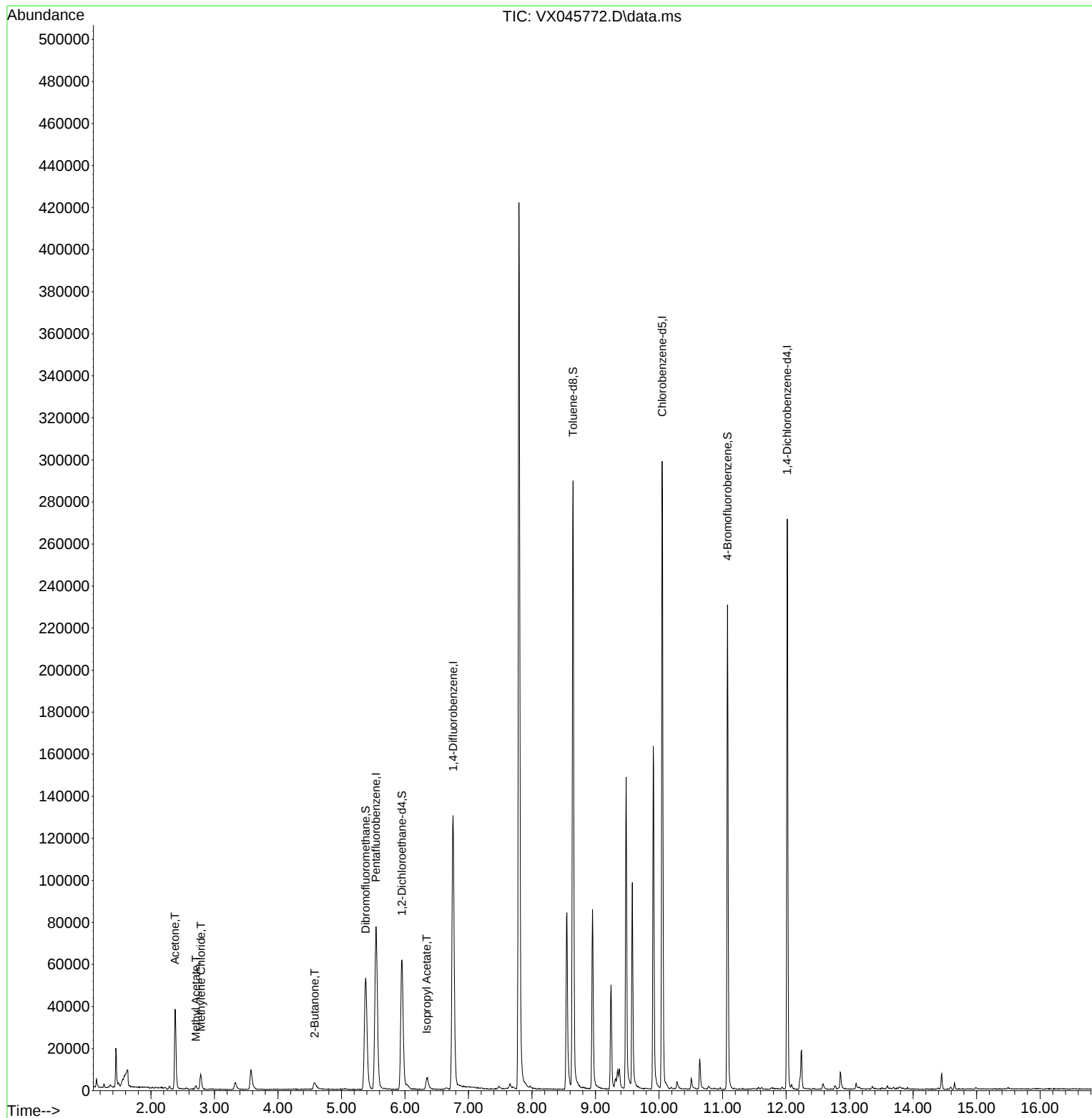
Internal Standards						
1) Pentafluorobenzene	5.544	168	65348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64932	54.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.660%	
35) Dibromofluoromethane	5.379	113	46869	51.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	8.647	98	165038	51.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.079	95	60434	52.122	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	42025	85.640	ug/l	97
18) Methyl Acetate	2.709	43	2104	1.862	ug/l	99
20) Methylene Chloride	2.788	84	3375	3.674	ug/l #	89
25) 2-Butanone	4.574	43	8048	11.204	ug/l	98
43) Isopropyl Acetate	6.342	43	8764	3.726	ug/l	96

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

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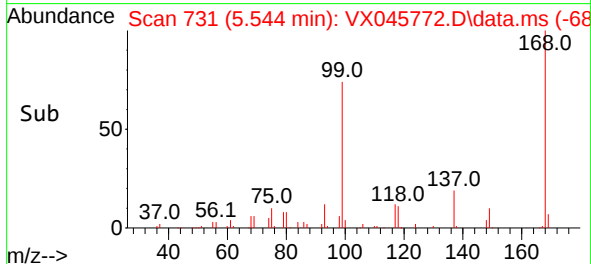
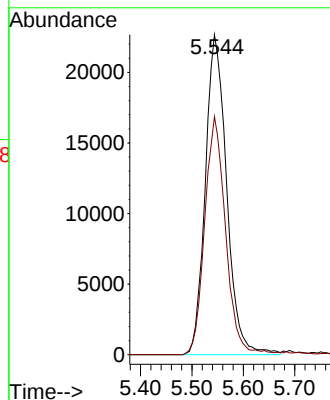
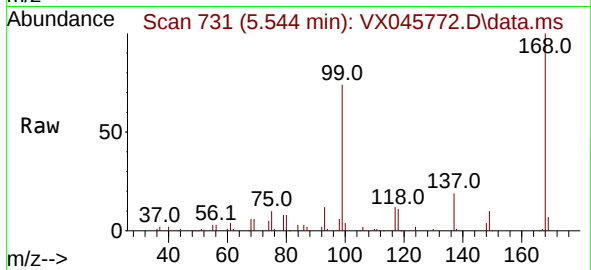




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

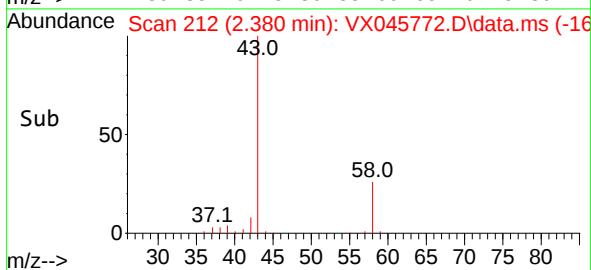
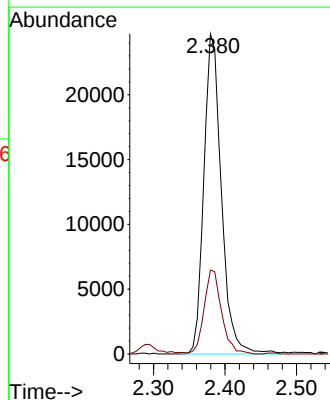
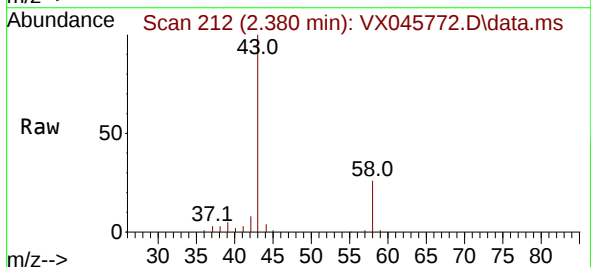
Instrument :
MSVOA_X
ClientSampleId :
TP-23

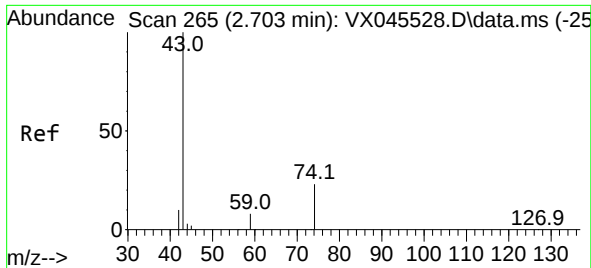
Tgt Ion:168 Resp: 65348
Ion Ratio Lower Upper
168 100
99 74.4 52.3 78.5



#16
Acetone
Concen: 85.640 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

Tgt Ion: 43 Resp: 42025
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

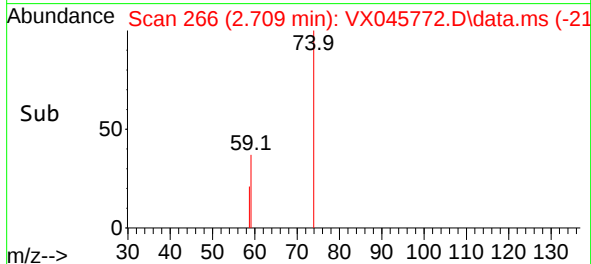
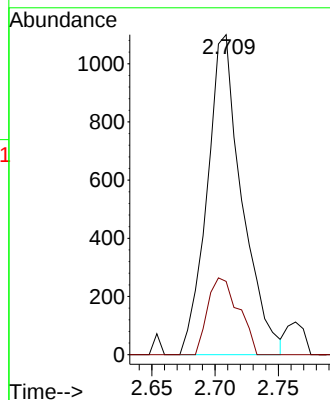
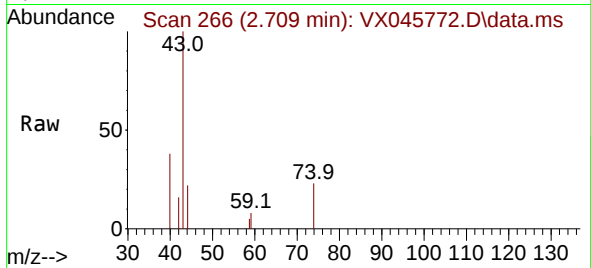




#18
Methyl Acetate
Concen: 1.862 ug/l
RT: 2.709 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

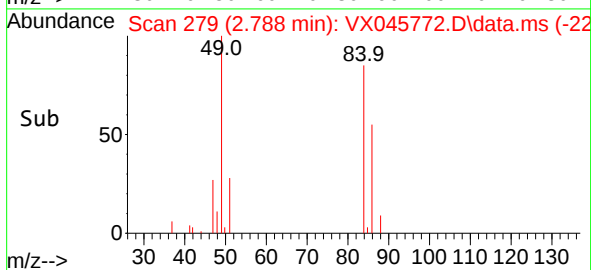
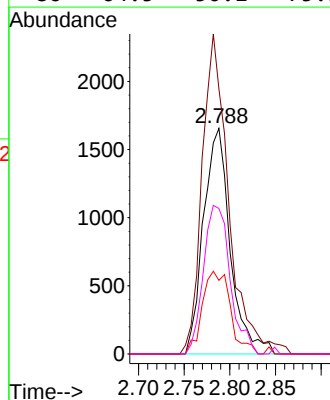
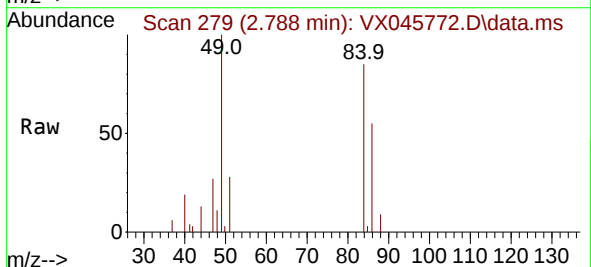
Instrument :
MSVOA_X
ClientSampleId :
TP-23

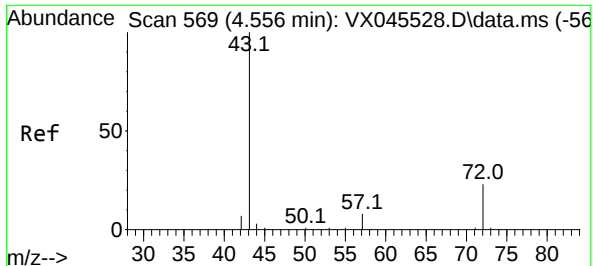
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3



#20
Methylene Chloride
Concen: 3.674 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

Tgt Ion: 84 Resp: 3375
Ion Ratio Lower Upper
84 100
49 117.4 107.5 161.3
51 32.6 33.0 49.6#
86 64.5 50.1 75.1





#25

2-Butanone

Concen: 11.204 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX045772.D

Acq: 14 Apr 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

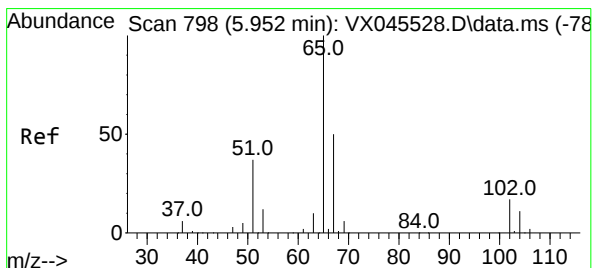
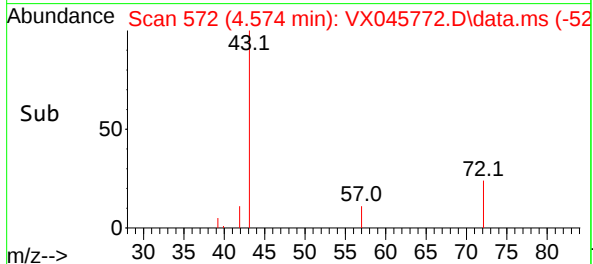
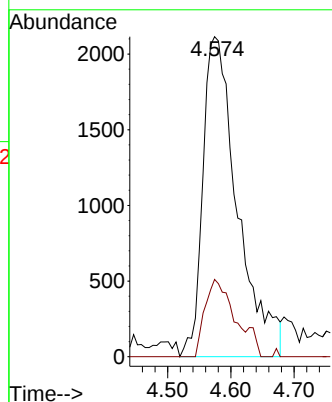
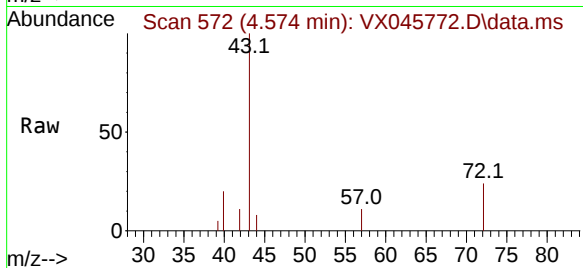
TP-23

Tgt Ion: 43 Resp: 8048

Ion Ratio Lower Upper

43 100

72 24.2 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 54.334 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045772.D

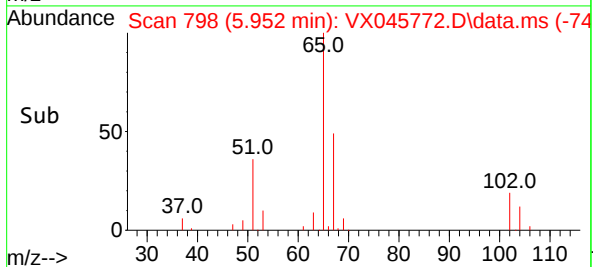
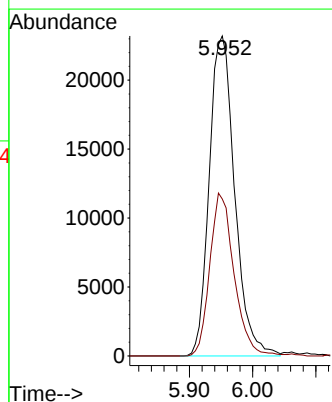
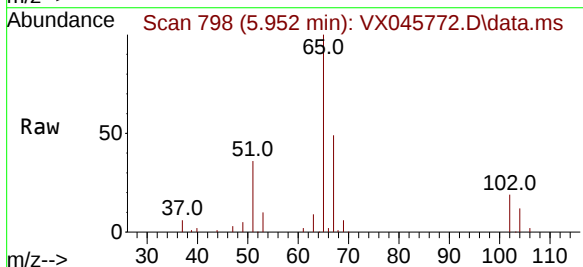
Acq: 14 Apr 2025 16:44

Tgt Ion: 65 Resp: 64932

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.0

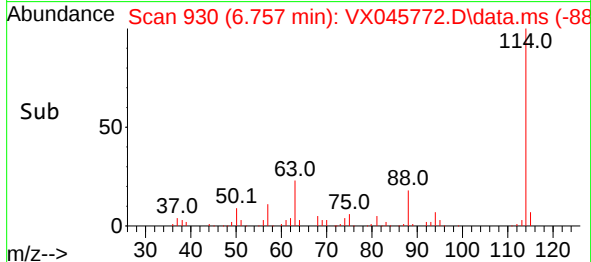
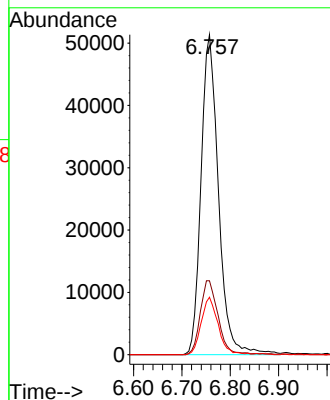
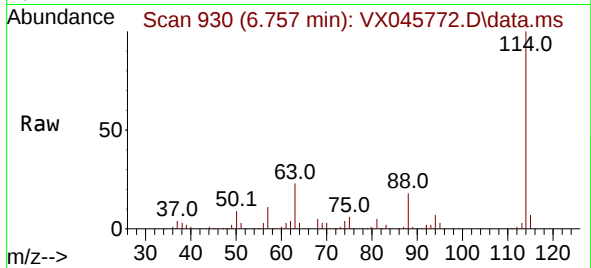




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

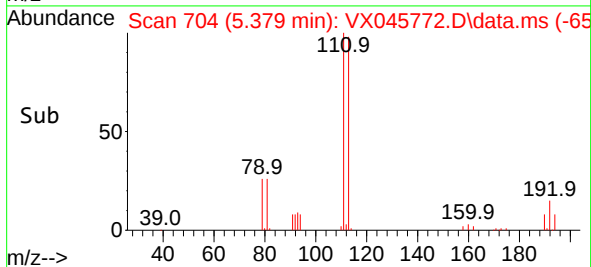
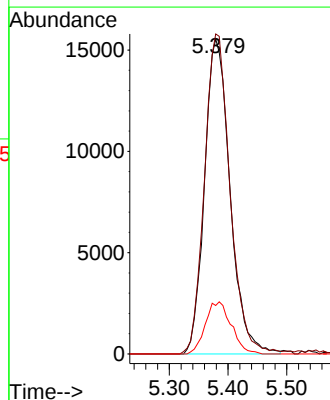
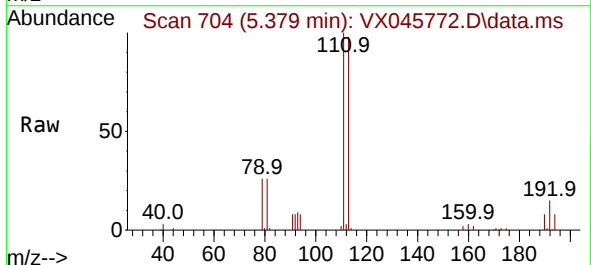
Instrument :
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Tgt Ion:114 Resp: 128538
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.393 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

Tgt Ion:113 Resp: 46869
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.8 13.8 20.6

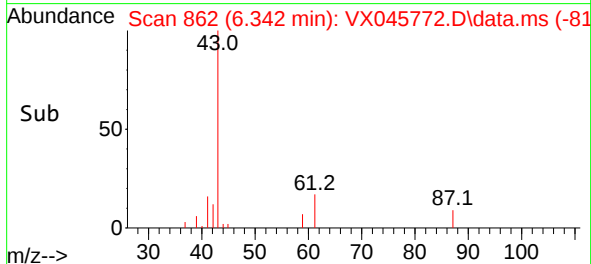
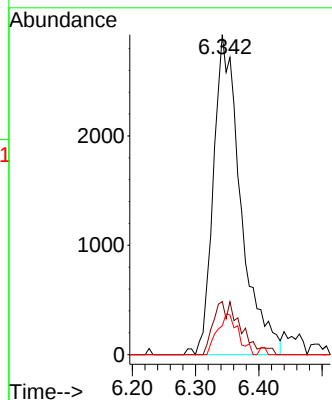
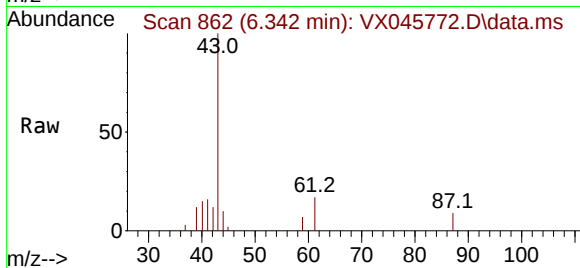




#43
Isopropyl Acetate
Concen: 3.726 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

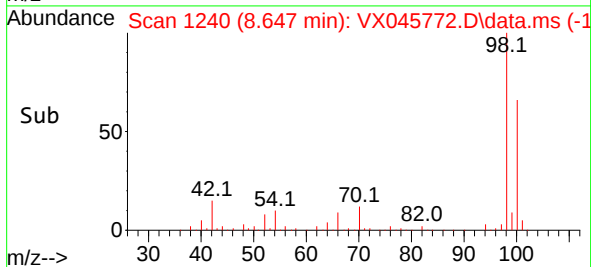
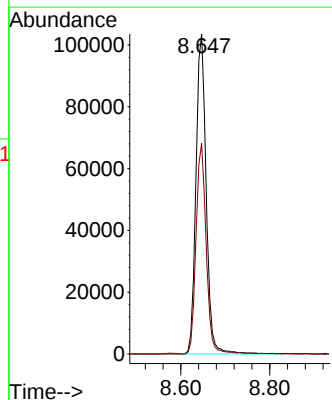
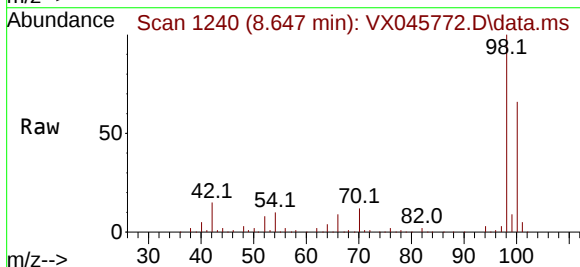
Instrument :
MSVOA_X
ClientSampleId :
TP-23

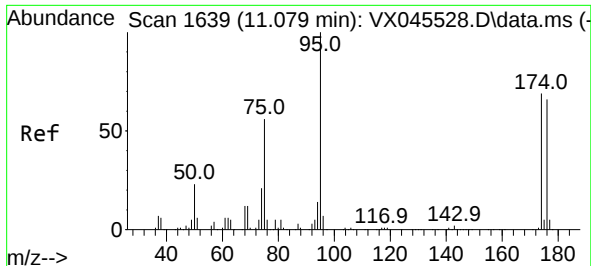
Tgt Ion: 43 Resp: 8764
Ion Ratio Lower Upper
43 100
61 16.2 14.1 21.1
87 9.6 9.2 13.8



#50
Toluene-d8
Concen: 51.847 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045772.D
Acq: 14 Apr 2025 16:44

Tgt Ion: 98 Resp: 165038
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.122 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045772.D

Acq: 14 Apr 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

TP-23

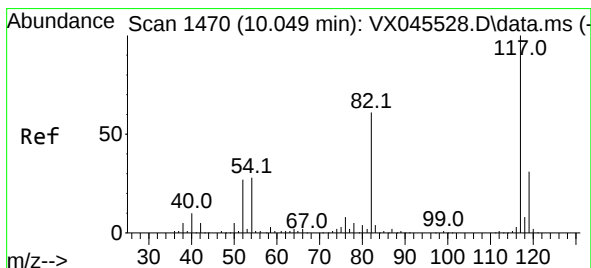
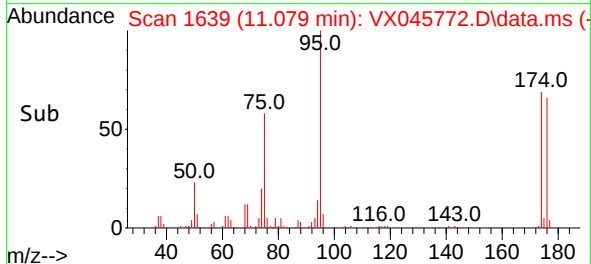
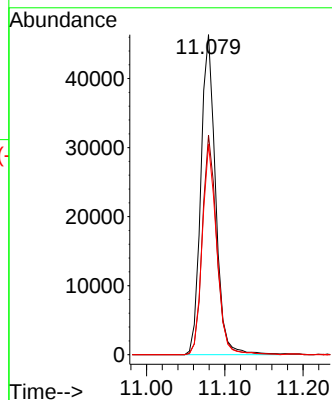
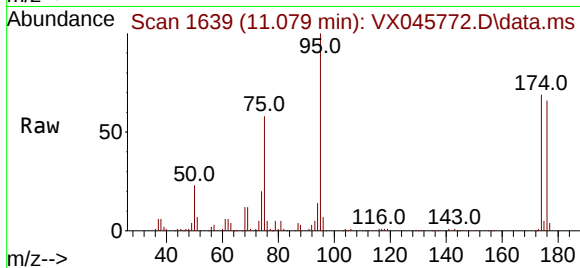
Tgt Ion: 95 Resp: 60434

Ion Ratio Lower Upper

95 100

174 67.1 0.0 135.8

176 64.7 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: VX045772.D

Acq: 14 Apr 2025 16:44

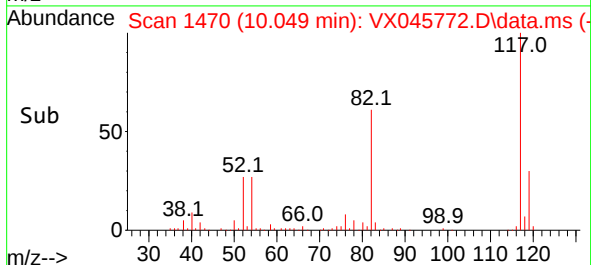
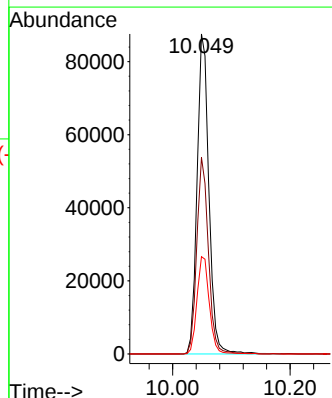
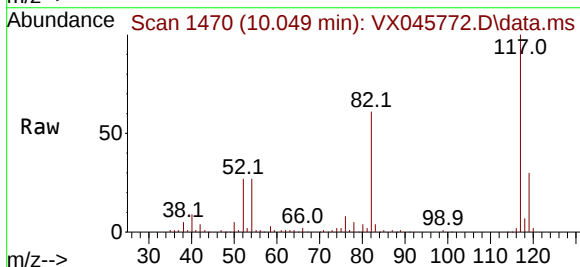
Tgt Ion: 117 Resp: 122013

Ion Ratio Lower Upper

117 100

82 61.4 49.2 73.8

119 30.4 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: VX045772.D

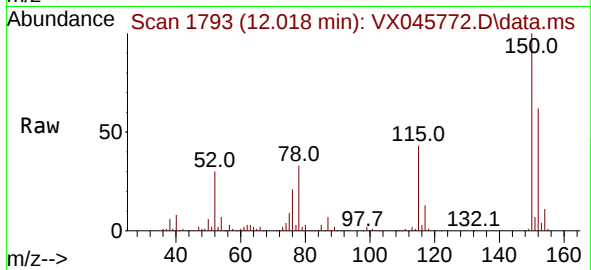
Acq: 14 Apr 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 49069

Ion Ratio Lower Upper

152 100

115 67.0 46.9 140.7

150 161.4 0.0 349.4

