

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043552.D
 Acq On : 26 Oct 2024 05:57
 Operator : JC/MD
 Sample : P4487-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-B5

Quant Time: Oct 26 06:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

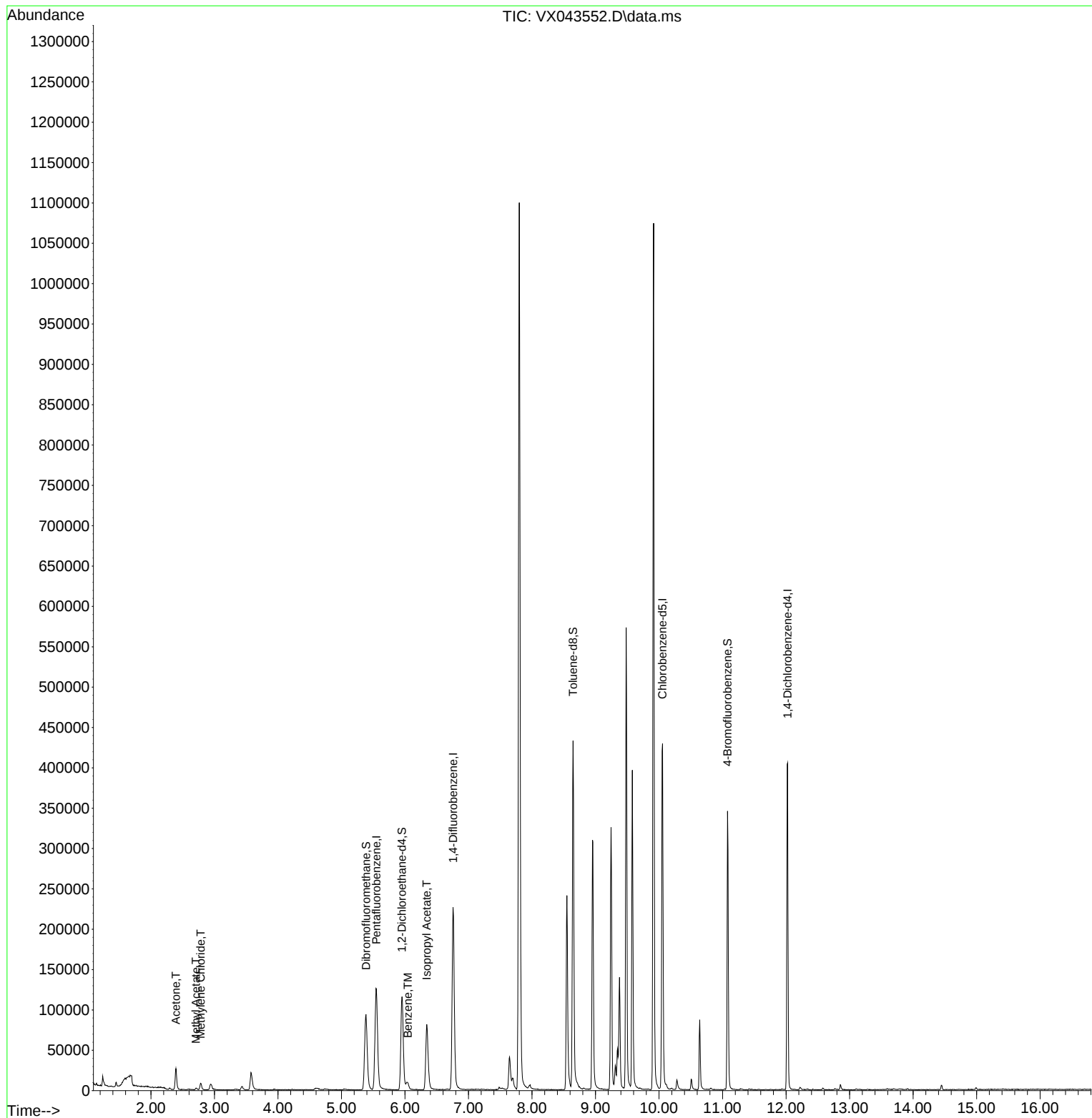
Internal Standards						
1) Pentafluorobenzene	5.550	168	120389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115610	60.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.080%	
35) Dibromofluoromethane	5.385	113	83337	51.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	8.647	98	268556	47.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	11.079	95	97391	47.543	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	28906	35.460	ug/l	94
18) Methyl Acetate	2.709	43	2561	1.045	ug/l	97
20) Methylene Chloride	2.782	84	4092	2.569	ug/l	85
40) Benzene	6.044	78	11094	1.734	ug/l	93
43) Isopropyl Acetate	6.342	43	117012	28.313	ug/l	99

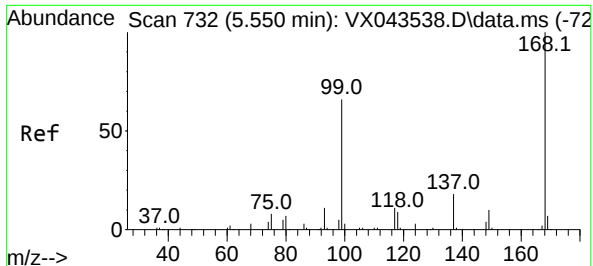
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX043552.D

Acq: 26 Oct 2024 05:57

Instrument :

MSVOA_X

ClientSampleId :

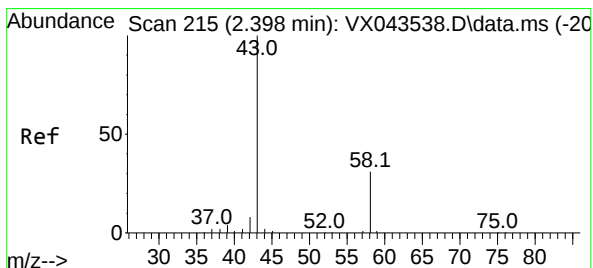
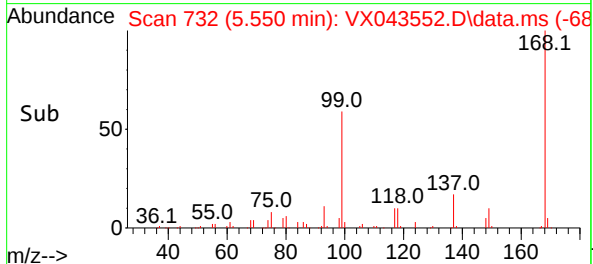
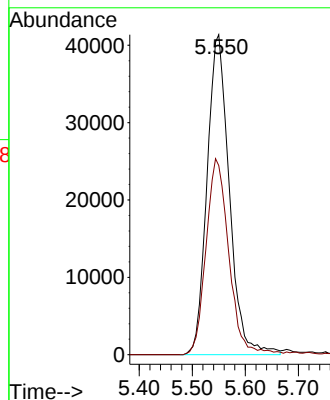
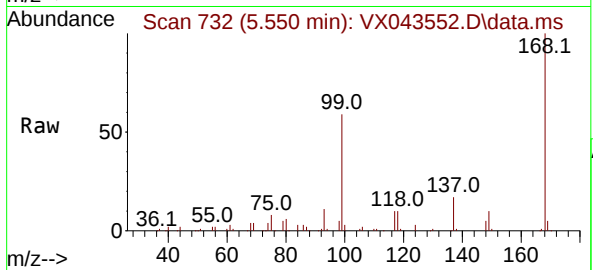
BP-B5

Tgt Ion:168 Resp: 120389

Ion Ratio Lower Upper

168 100

99 59.1 52.6 78.8



#16

Acetone

Concen: 35.460 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043552.D

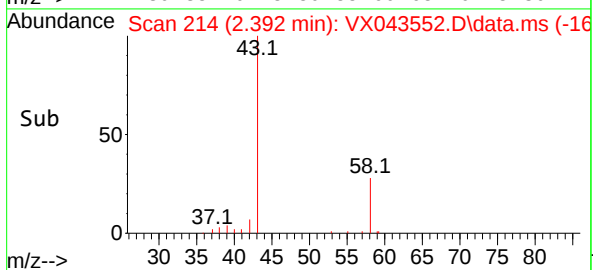
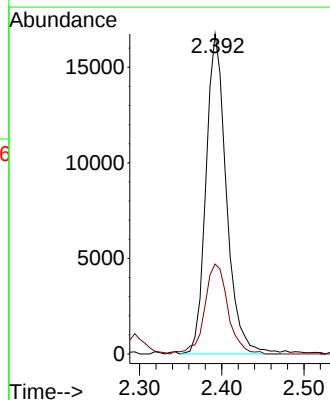
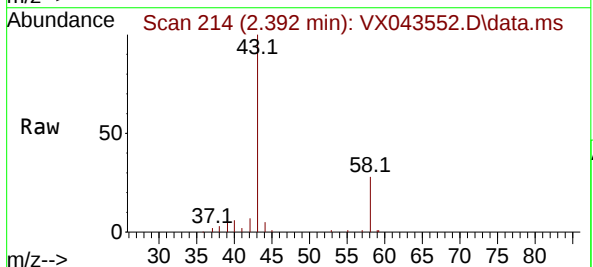
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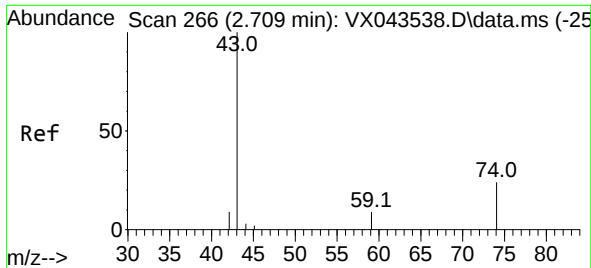
Tgt Ion: 43 Resp: 28906

Ion Ratio Lower Upper

43 100

58 28.1 25.1 37.7

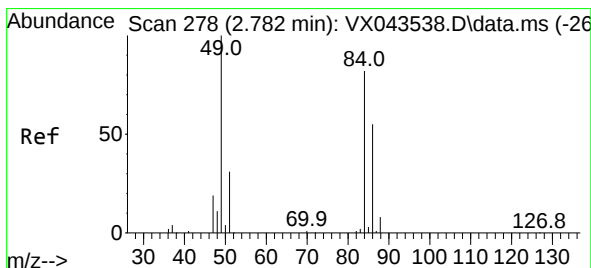
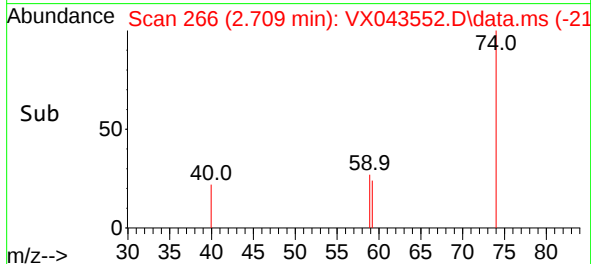
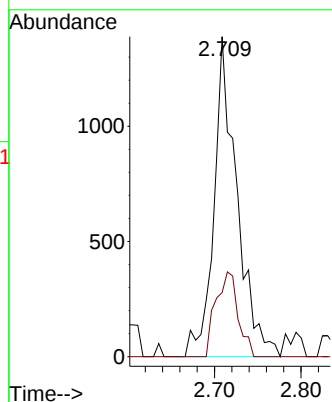
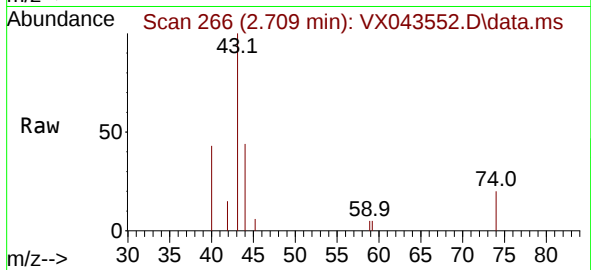




#18
Methyl Acetate
Concen: 1.045 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043552.D
Acq: 26 Oct 2024 05:57

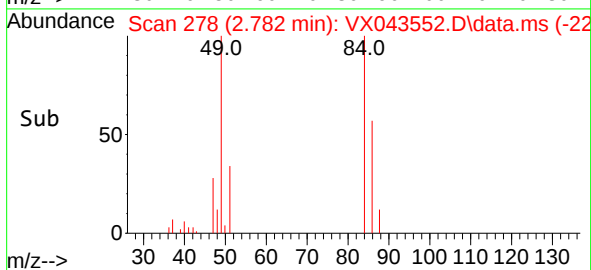
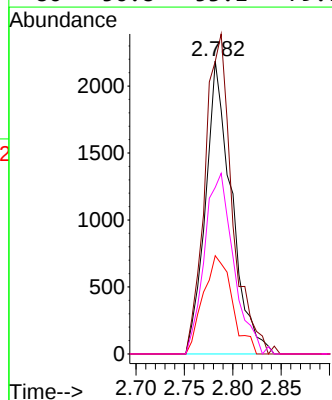
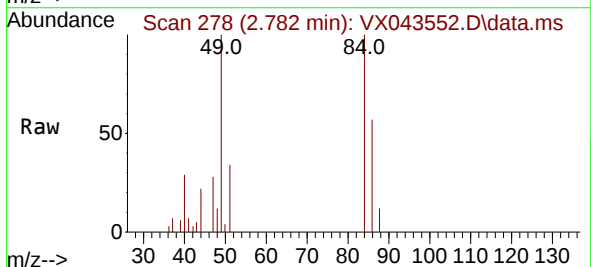
Instrument :
MSVOA_X
ClientSampleId :
BP-B5

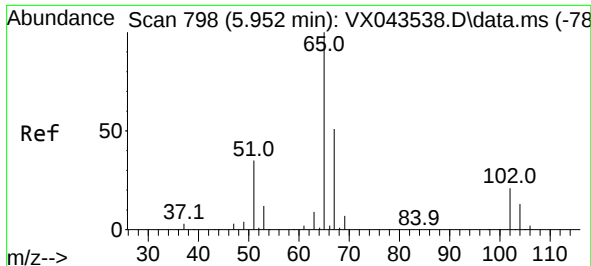
Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7



#20
Methylene Chloride
Concen: 2.569 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043552.D
Acq: 26 Oct 2024 05:57

Tgt Ion: 84 Resp: 4092
Ion Ratio Lower Upper
84 100
49 99.9 97.0 145.6
51 33.5 29.8 44.8
86 56.8 53.1 79.7

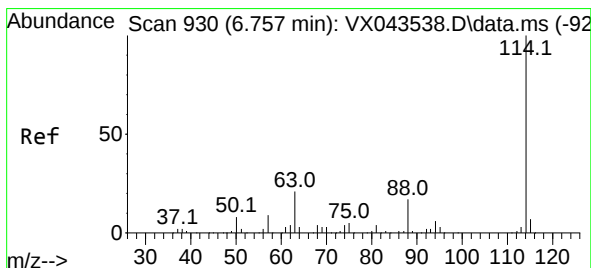
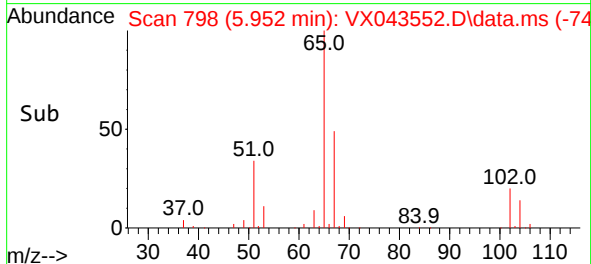
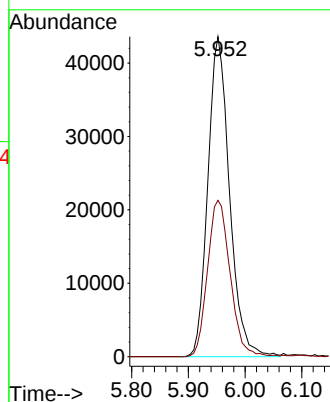
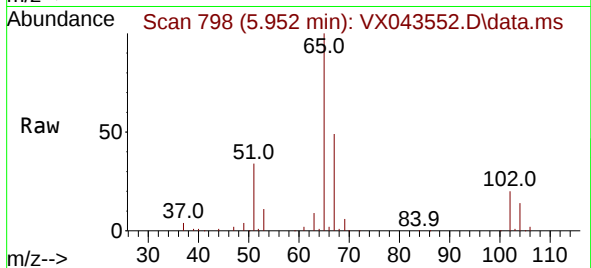




#33
 1,2-Dichloroethane-d4
 Concen: 60.537 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043552.D
 Acq: 26 Oct 2024 05:57

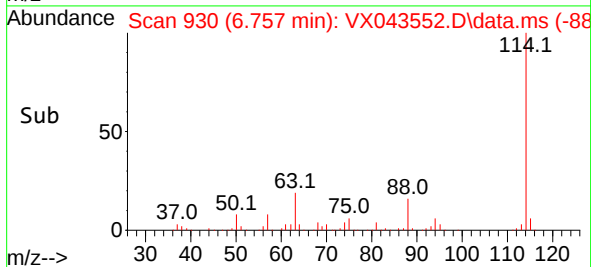
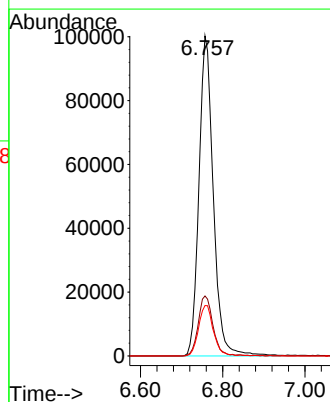
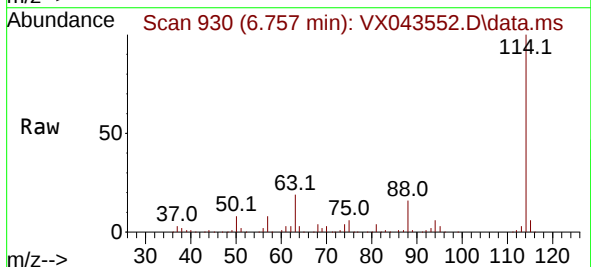
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-B5

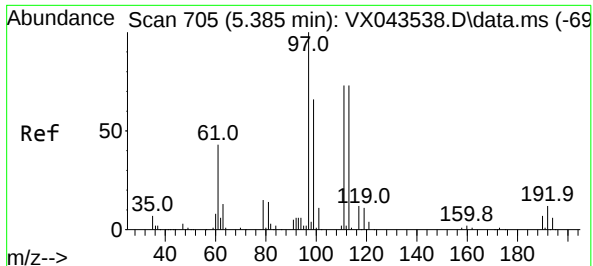
Tgt Ion: 65 Resp: 115610
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043552.D
 Acq: 26 Oct 2024 05:57

Tgt Ion: 114 Resp: 242909
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.524 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043552.D

Acq: 26 Oct 2024 05:57

Instrument :

MSVOA_X

ClientSampleId :

BP-B5

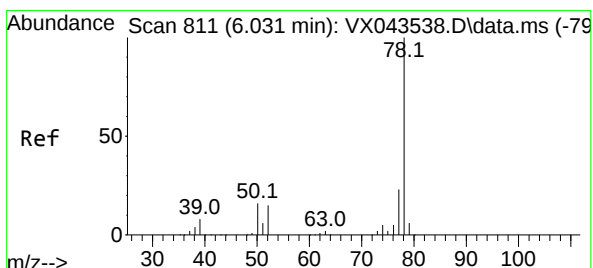
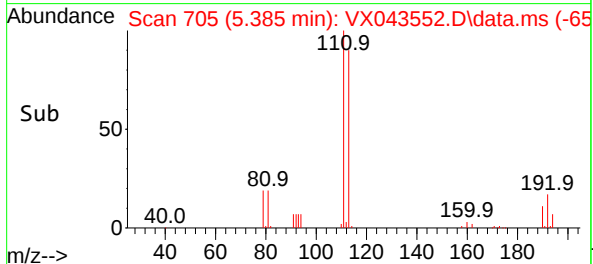
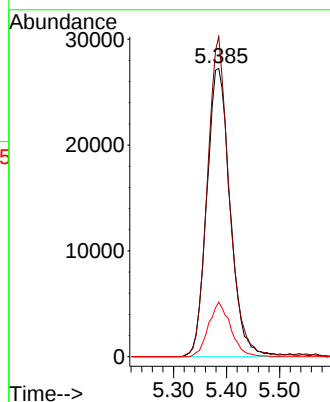
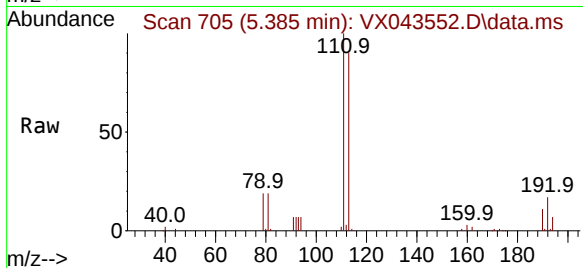
Tgt Ion:113 Resp: 83337

Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 18.0 14.1 21.1



#40

Benzene

Concen: 1.734 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX043552.D

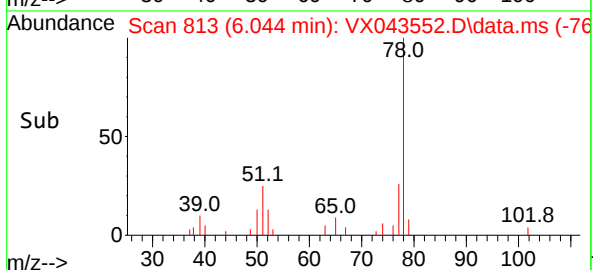
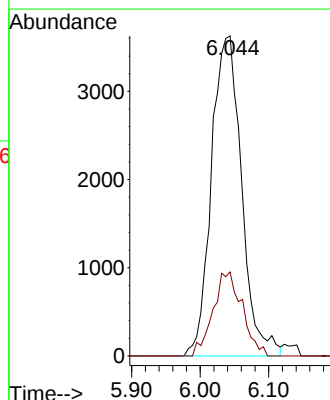
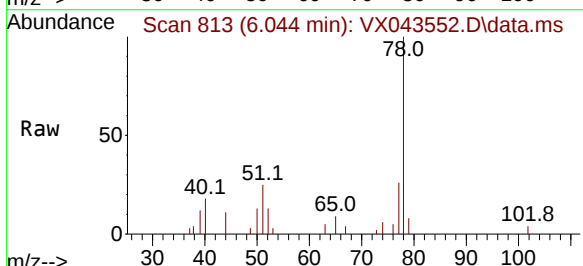
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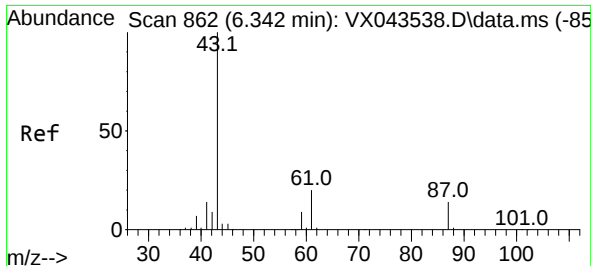
Tgt Ion: 78 Resp: 11094

Ion Ratio Lower Upper

78 100

77 26.2 18.4 27.6

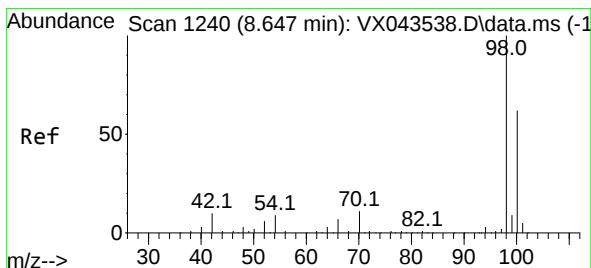
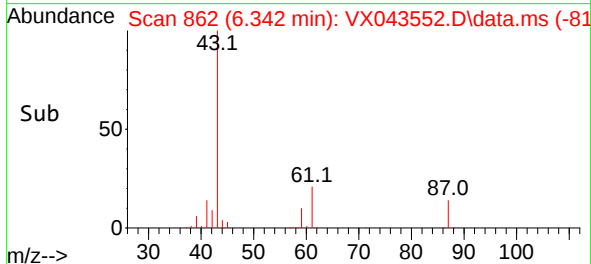
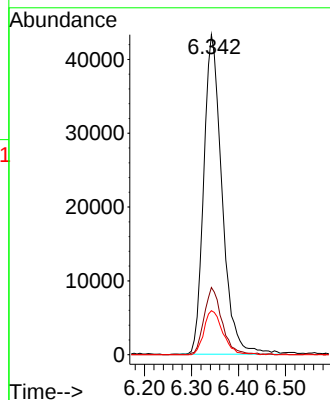
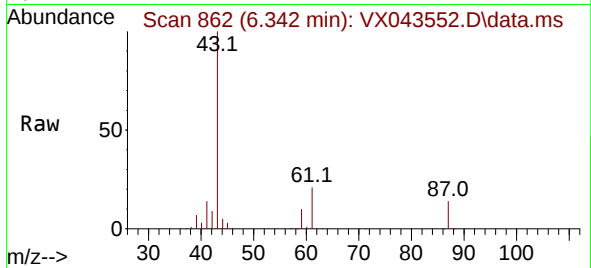




#43
Isopropyl Acetate
Concen: 28.313 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043552.D
Acq: 26 Oct 2024 05:57

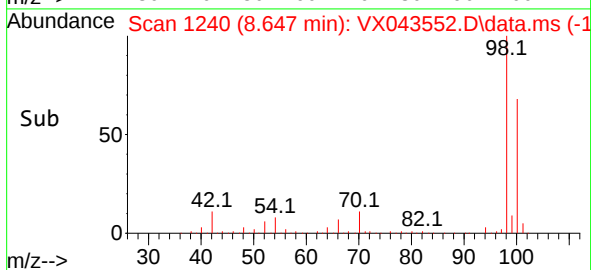
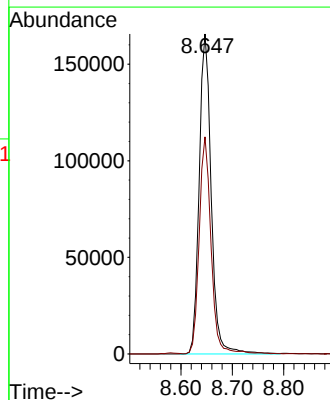
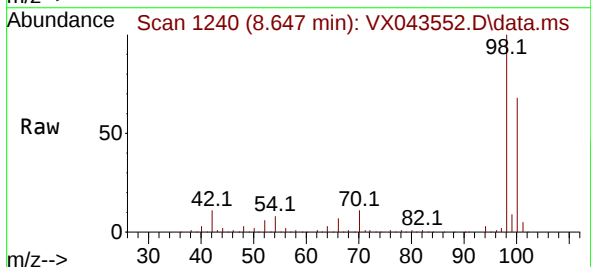
Instrument :
MSVOA_X
ClientSampleId :
BP-B5

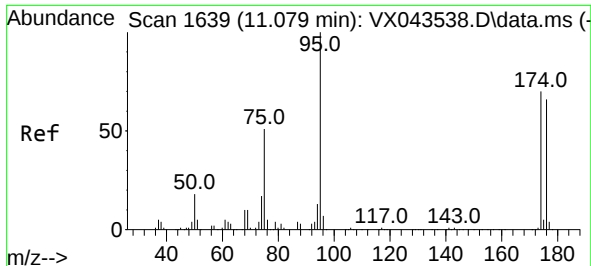
Tgt Ion: 43 Resp: 117012
Ion Ratio Lower Upper
43 100
61 20.6 16.2 24.4
87 14.1 11.0 16.6



#50
Toluene-d8
Concen: 47.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043552.D
Acq: 26 Oct 2024 05:57

Tgt Ion: 98 Resp: 268556
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 47.543 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043552.D

Acq: 26 Oct 2024 05:57

Instrument :

MSVOA_X

ClientSampleId :

BP-B5

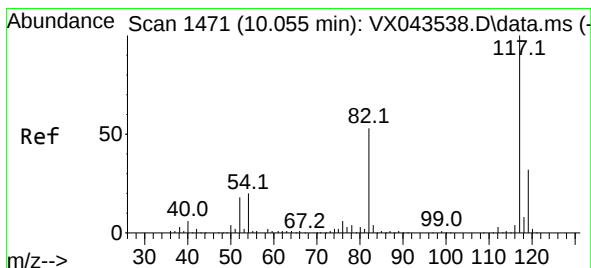
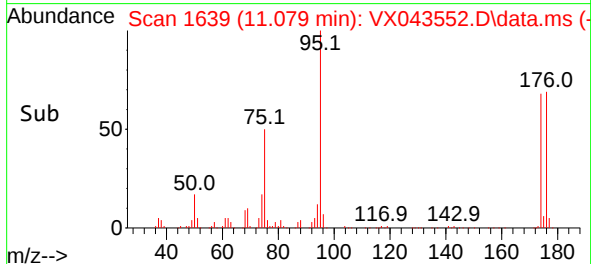
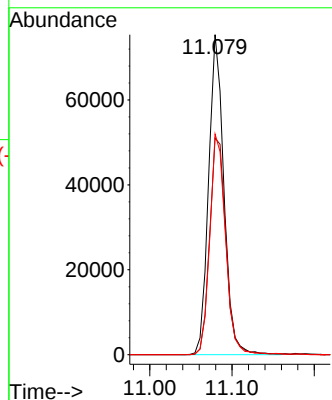
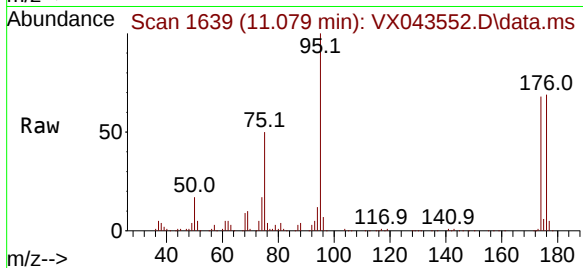
Tgt Ion: 95 Resp: 97391

Ion Ratio Lower Upper

95 100

174 72.2 0.0 146.6

176 70.4 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043552.D

Acq: 26 Oct 2024 05:57

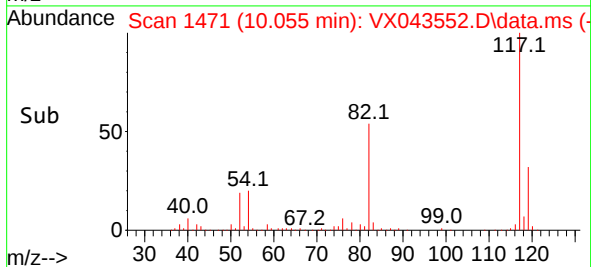
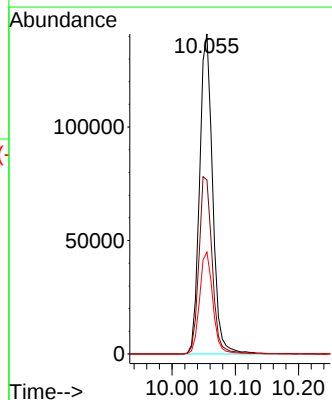
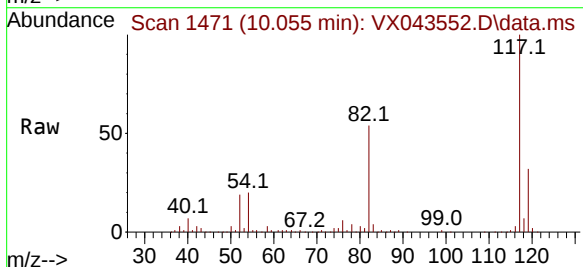
Tgt Ion: 117 Resp: 202874

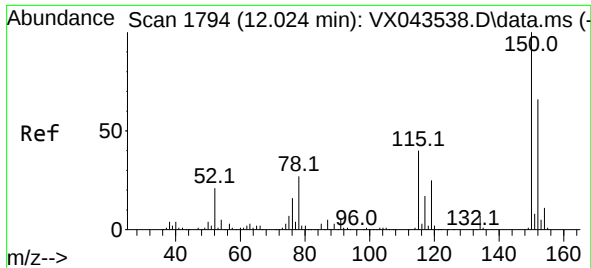
Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043552.D

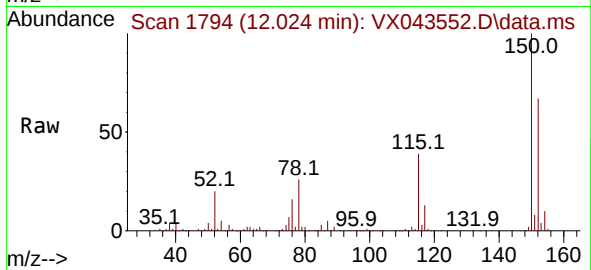
Acq: 26 Oct 2024 05:57

Instrument :

MSVOA_X

ClientSampleId :

BP-B5



Tgt Ion:152 Resp: 88115

Ion Ratio Lower Upper

152 100

115 60.6 42.9 128.7

150 154.7 0.0 343.6

