

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040544.D
 Acq On : 29 Feb 2024 17:53
 Operator : JC/MD
 Sample : P1615-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20240227

Quant Time: Mar 01 03:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

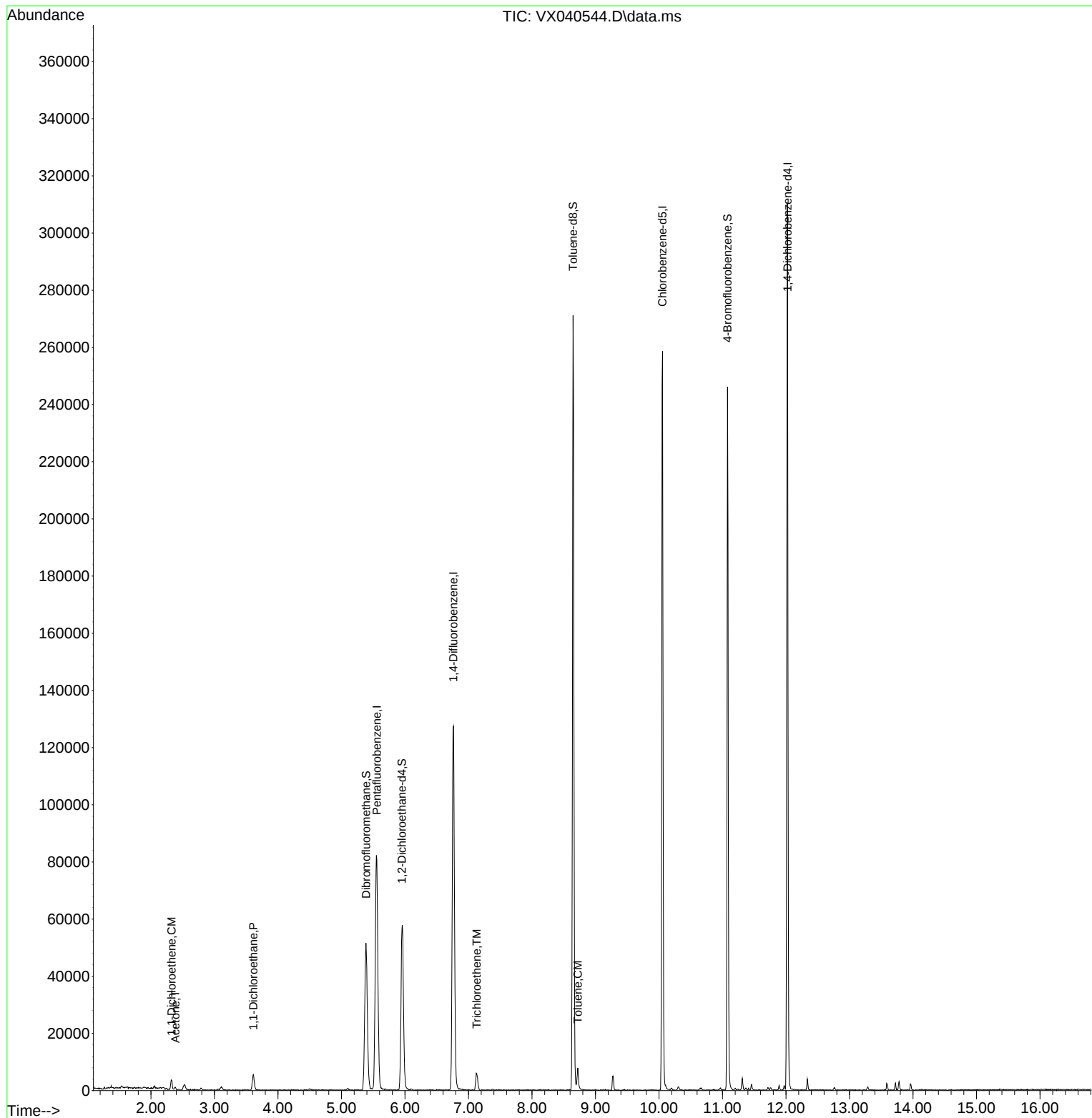
Internal Standards						
1) Pentafluorobenzene	5.556	168	72743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124522	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59624	49.006	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.020%
35) Dibromofluoromethane	5.385	113	42548	49.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	8.647	98	152721	48.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	60088	50.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1026	1.238	ug/l	87
16) Acetone	2.386	43	1008	2.540	ug/l	92
24) 1,1-Dichloroethane	3.611	63	5842	3.438	ug/l	97
44) Trichloroethene	7.129	130	2240	2.306	ug/l	99
52) Toluene	8.720	92	2617	1.181	ug/l	99

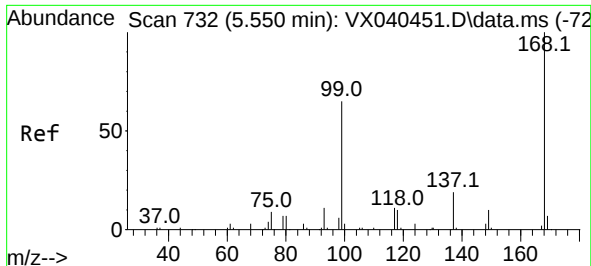
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

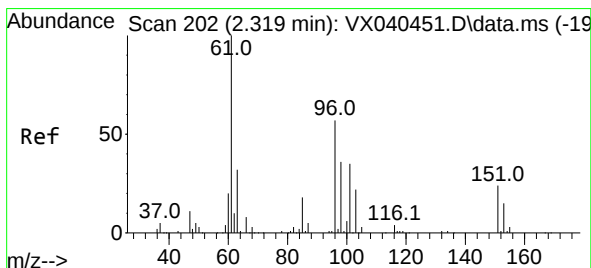
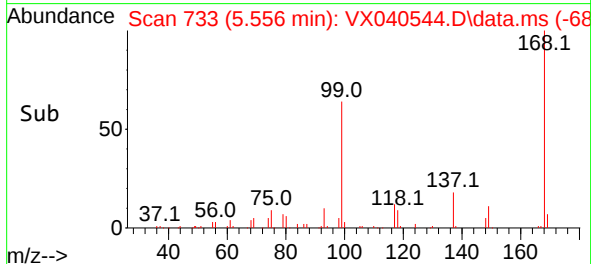
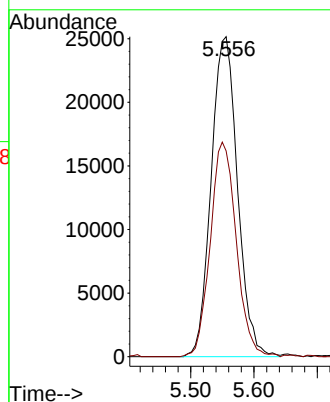
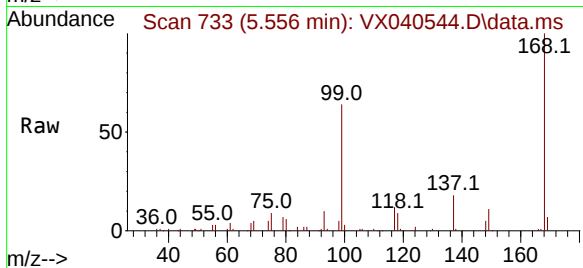
DUP08-20240227

Tgt Ion:168 Resp: 72743

Ion Ratio Lower Upper

168 100

99 64.3 56.6 85.0



#12

1,1-Dichloroethene

Concen: 1.238 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

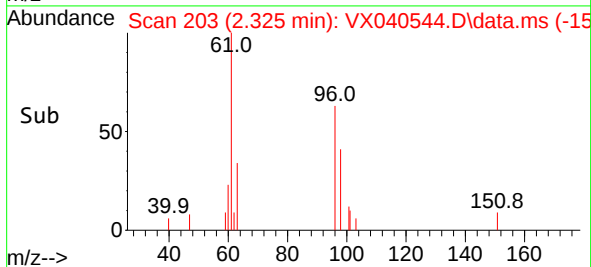
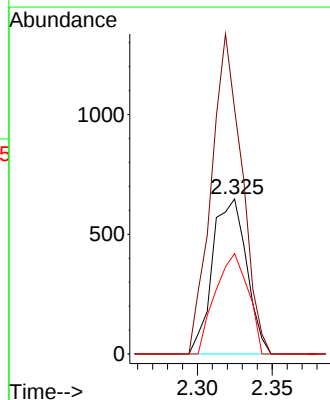
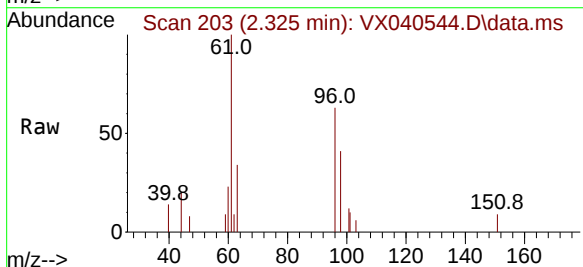
Tgt Ion: 96 Resp: 1026

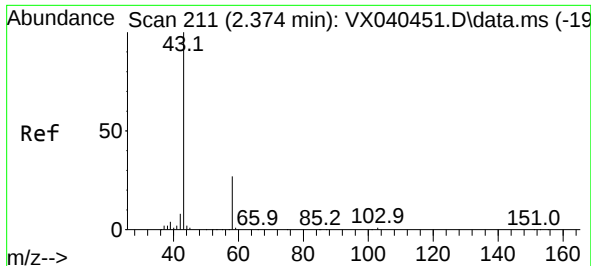
Ion Ratio Lower Upper

96 100

61 157.9 144.6 216.8

98 64.8 50.4 75.6

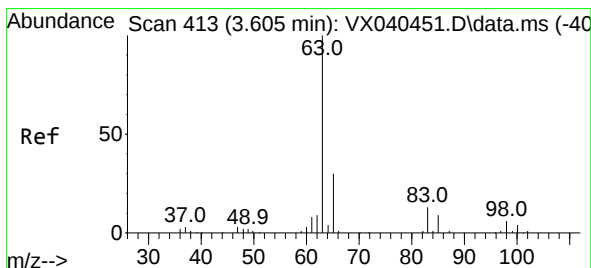
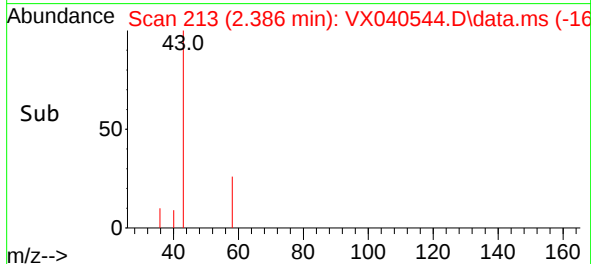
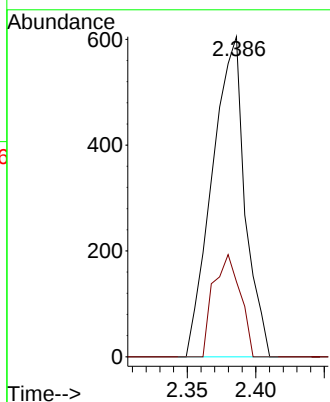
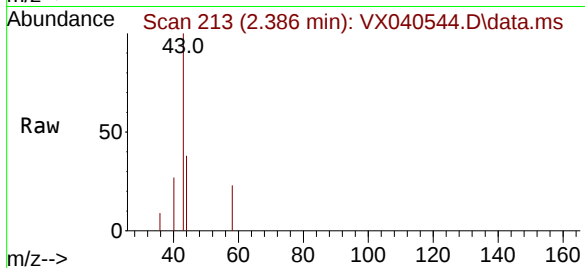




#16
Acetone
Concen: 2.540 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX040544.D
Acq: 29 Feb 2024 17:53

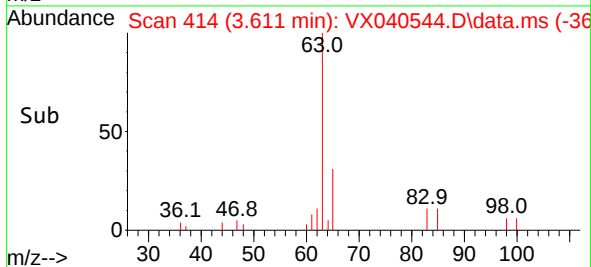
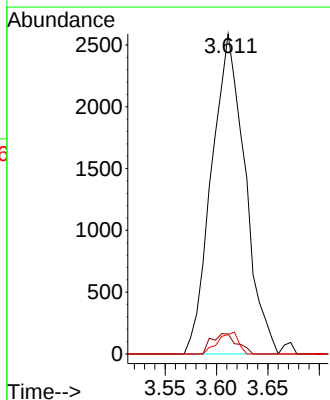
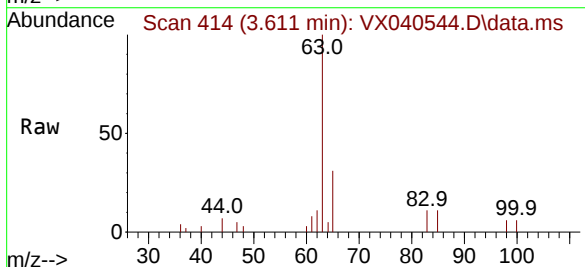
Instrument :
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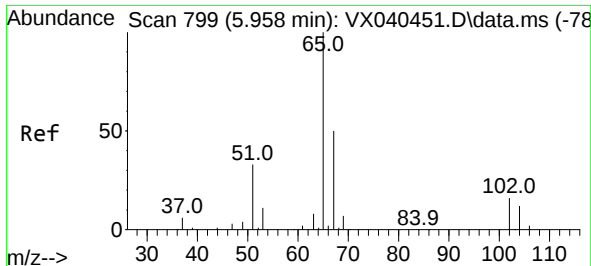
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 23.5 21.9 32.9



#24
1,1-Dichloroethane
Concen: 3.438 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040544.D
Acq: 29 Feb 2024 17:53

Tgt Ion: 63 Resp: 5842
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 6.1 2.1 6.5





#33

1,2-Dichloroethane-d4

Concen: 49.006 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

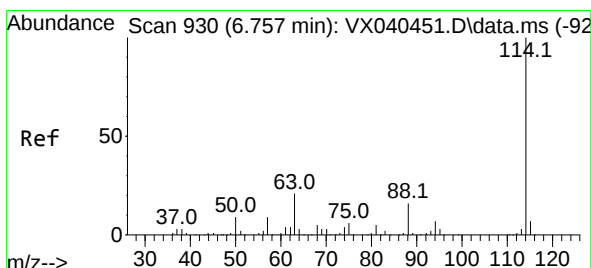
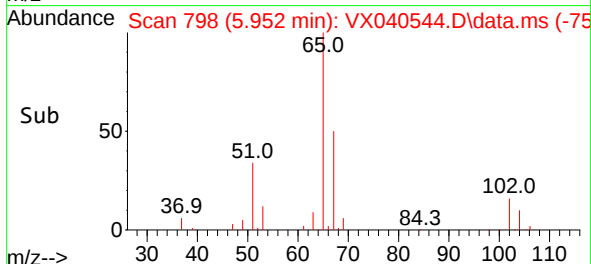
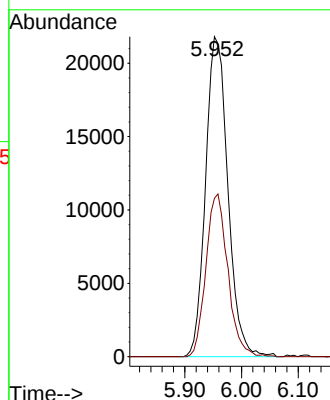
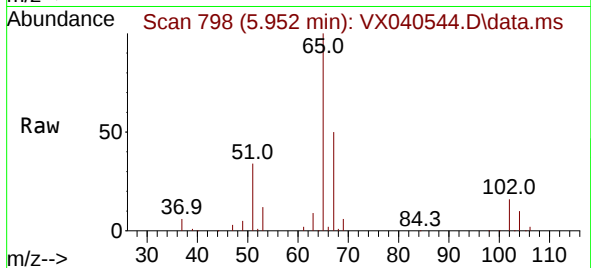
DUP08-20240227

Tgt Ion: 65 Resp: 59624

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

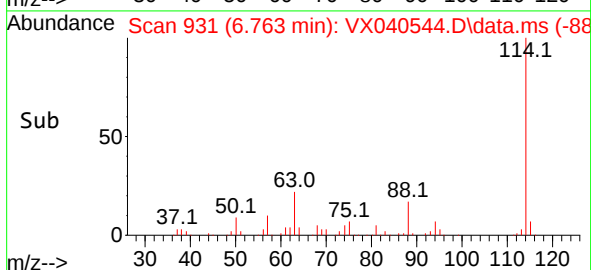
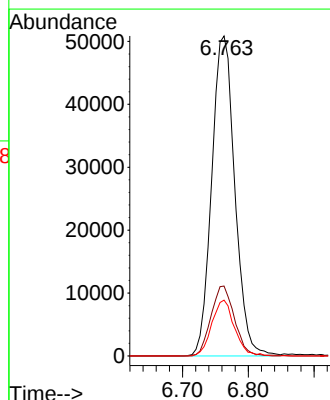
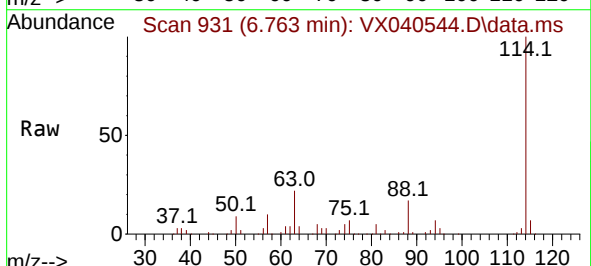
Tgt Ion: 114 Resp: 124522

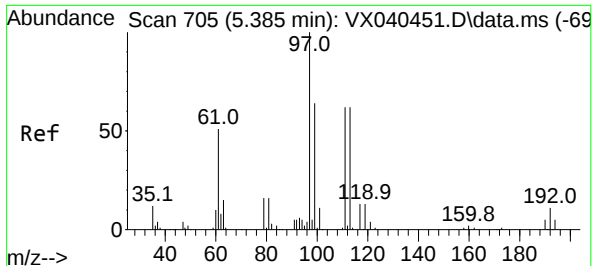
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 17.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.136 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040544.D

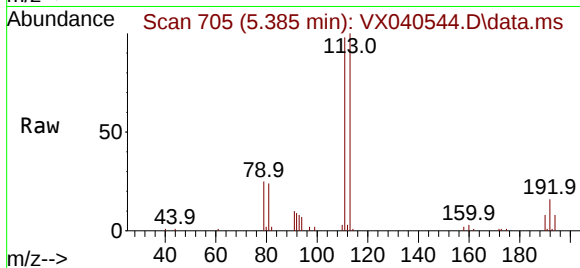
Acq: 29 Feb 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

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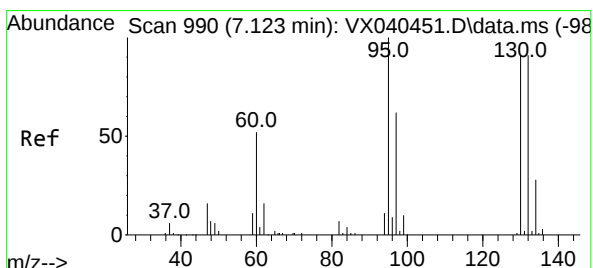
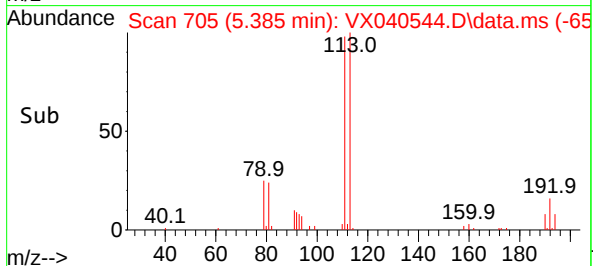
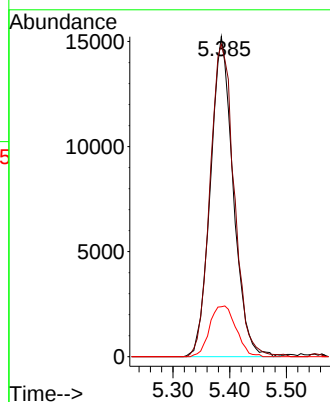
Tgt Ion:113 Resp: 42548

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 2.306 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040544.D

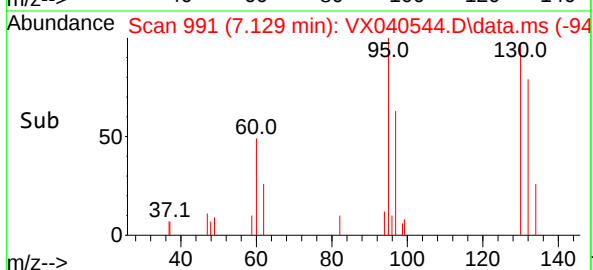
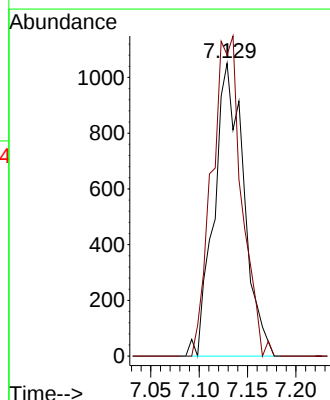
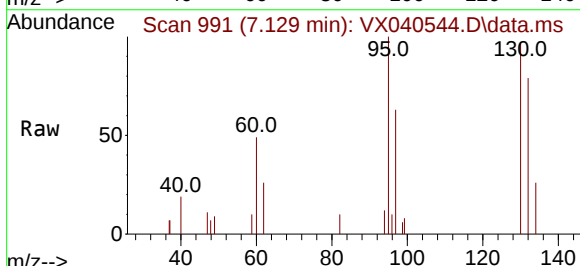
Acq: 29 Feb 2024 17:53

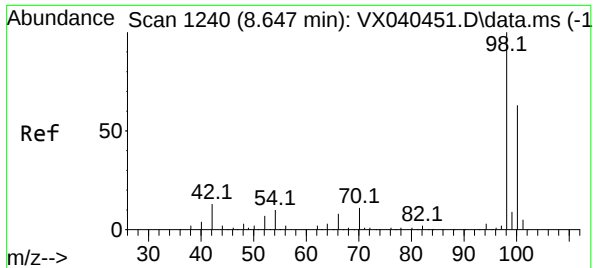
Tgt Ion:130 Resp: 2240

Ion Ratio Lower Upper

130 100

95 102.9 0.0 204.4

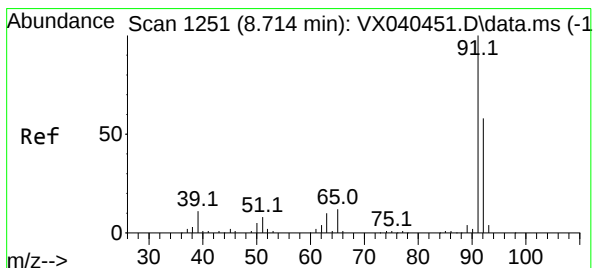
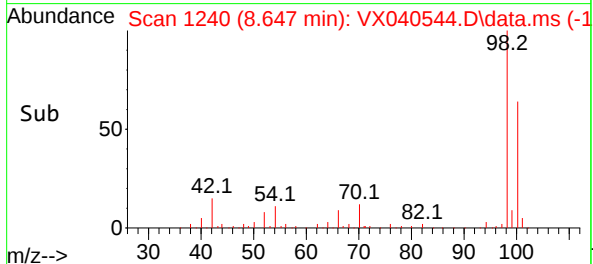
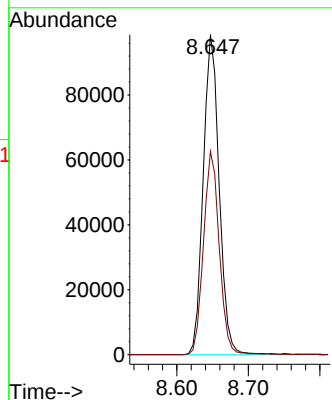
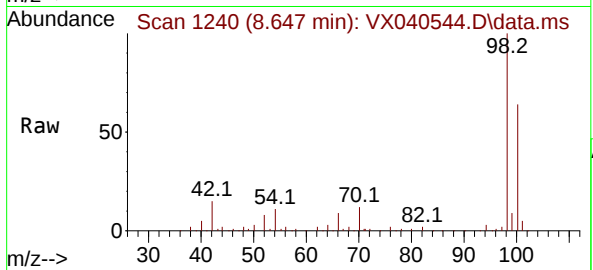




#50
Toluene-d8
Concen: 48.588 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040544.D
Acq: 29 Feb 2024 17:53

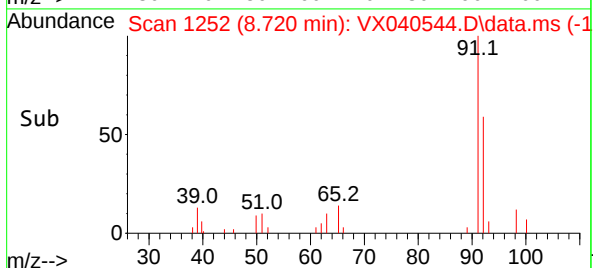
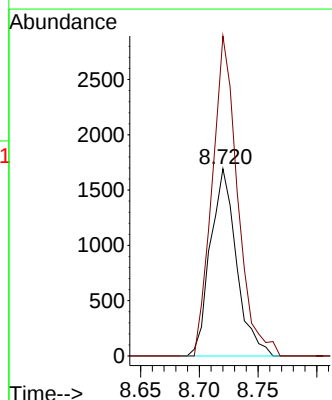
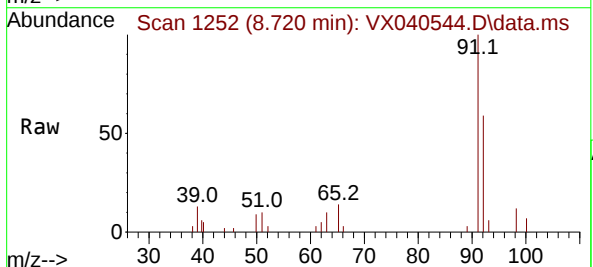
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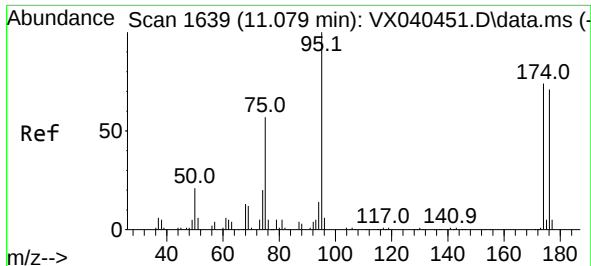
Tgt Ion: 98 Resp: 152721
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#52
Toluene
Concen: 1.181 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040544.D
Acq: 29 Feb 2024 17:53

Tgt Ion: 92 Resp: 2617
Ion Ratio Lower Upper
92 100
91 166.8 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 50.151 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20240227

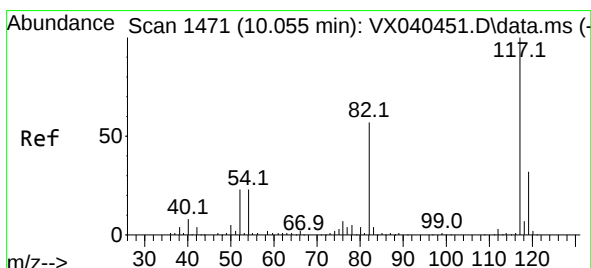
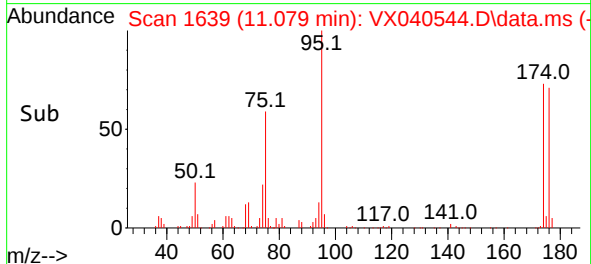
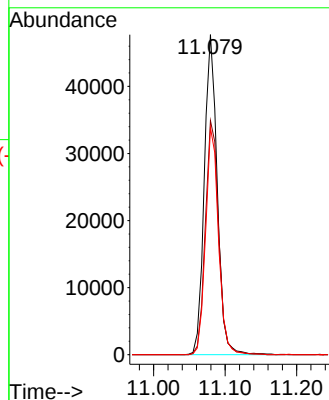
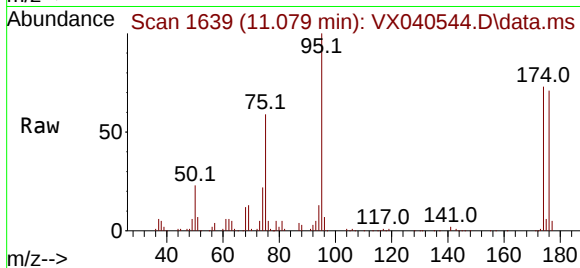
Tgt Ion: 95 Resp: 60088

Ion Ratio Lower Upper

95 100

174 75.6 0.0 135.6

176 70.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040544.D

Acq: 29 Feb 2024 17:53

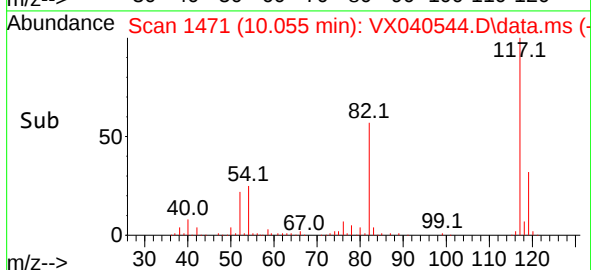
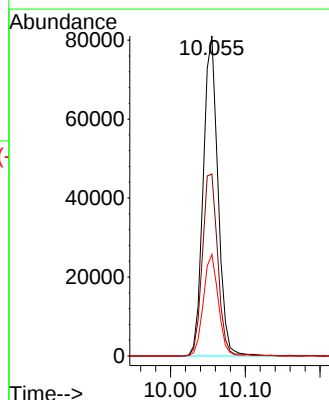
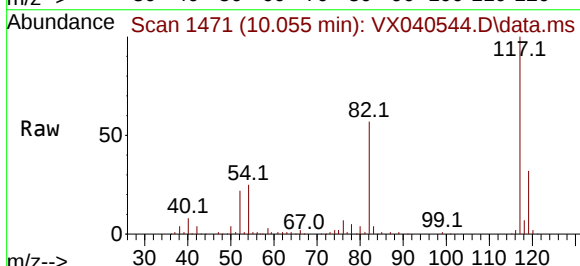
Tgt Ion: 117 Resp: 110952

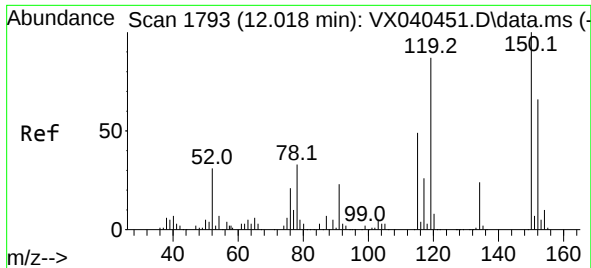
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

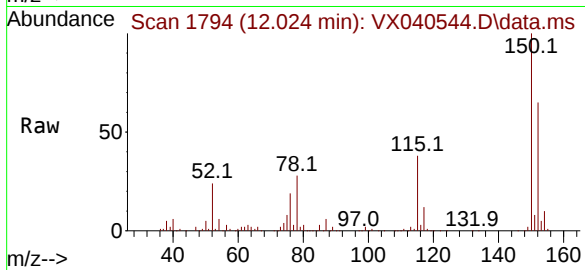
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040544.D
 Acq: 29 Feb 2024 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 60197
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 157.0 0.0 345.0

