

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034041.D
 Acq On : 06 Feb 2023 20:34
 Operator : JC/MD
 Sample : 01416-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-2

Quant Time: Feb 07 00:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

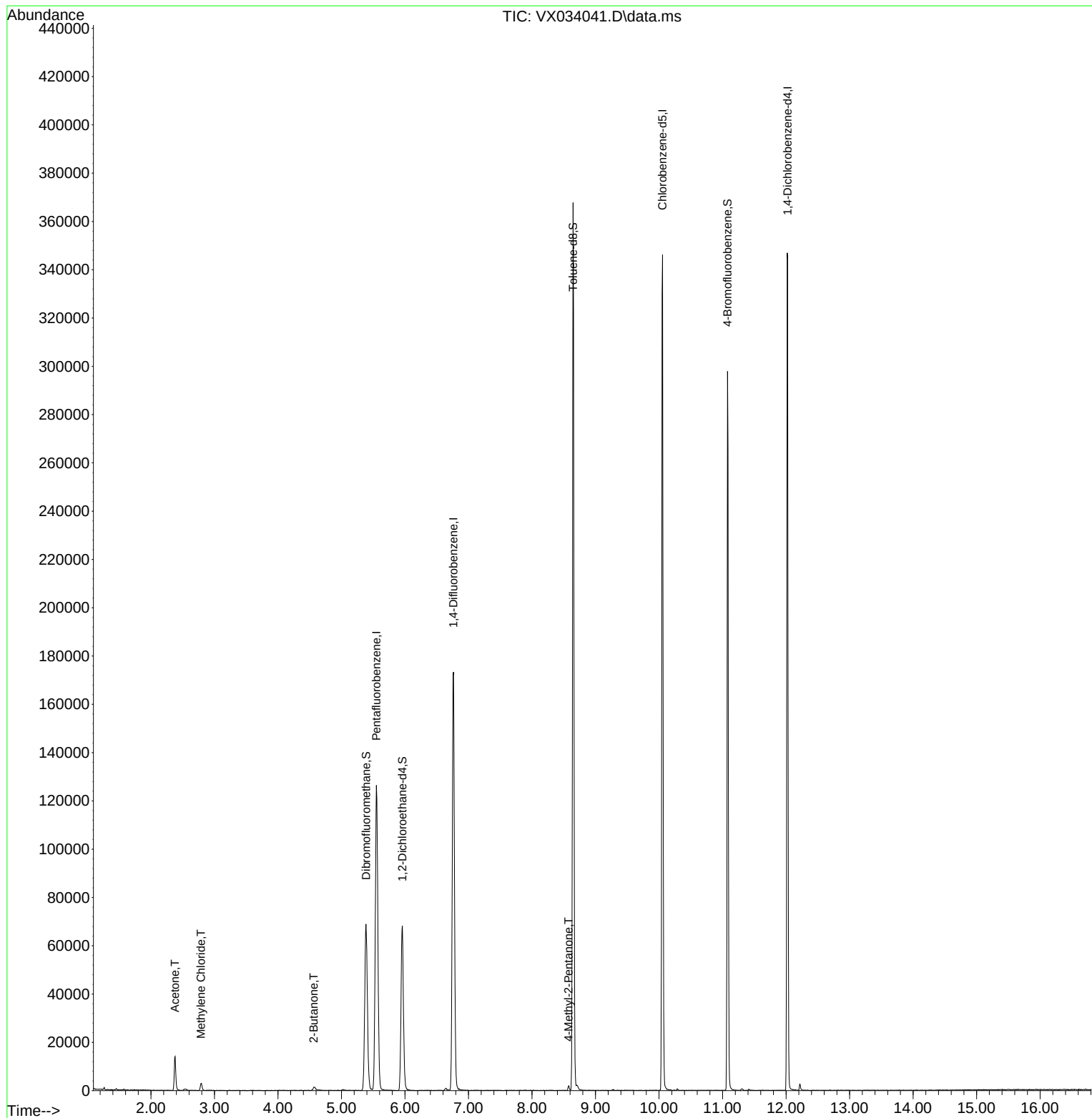
Internal Standards						
1) Pentafluorobenzene	5.550	168	137880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65609	49.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	60661	49.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	8.647	98	220039	49.893	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	77604	49.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	15003	26.724	ug/l	90
20) Methylene Chloride	2.788	84	1588	1.236	ug/l #	94
25) 2-Butanone	4.562	43	2697	3.299	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1191	0.779	ug/l	94

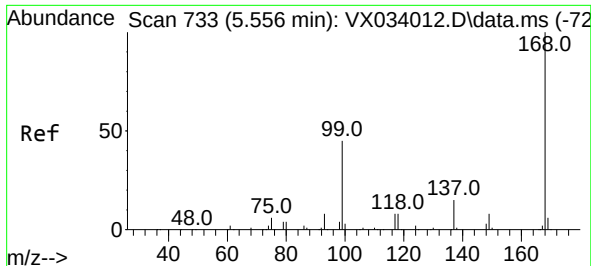
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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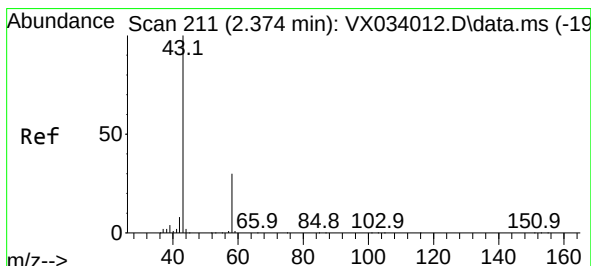
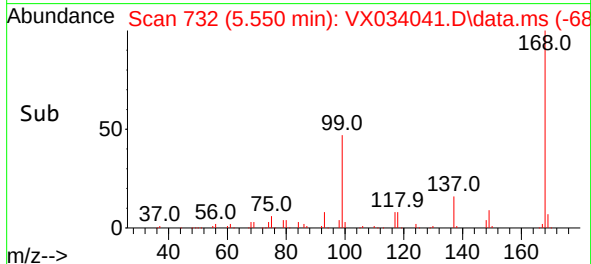
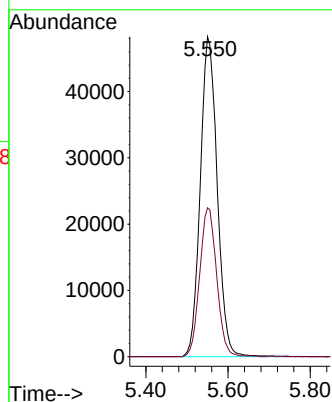
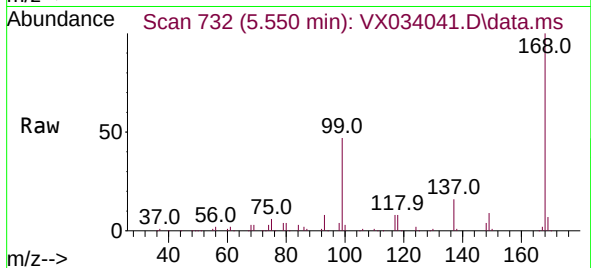




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

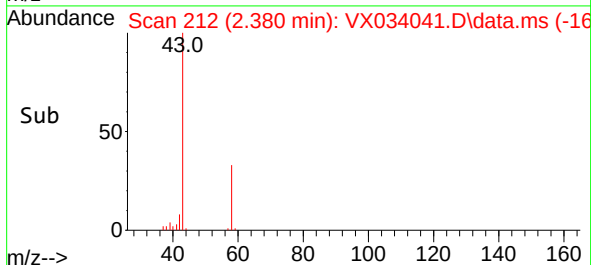
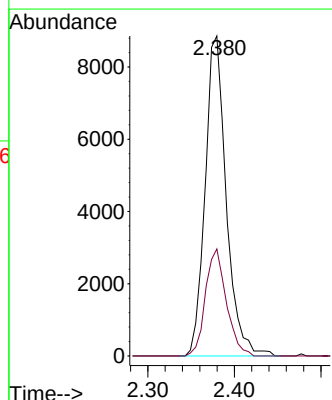
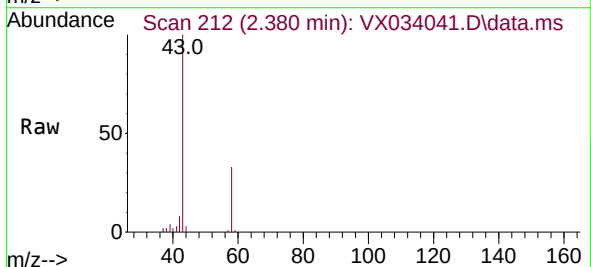
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

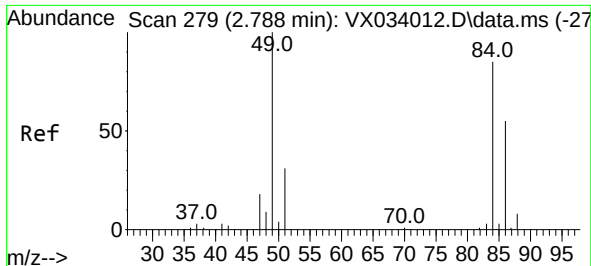
Tgt Ion:168 Resp: 137880
Ion Ratio Lower Upper
168 100
99 46.5 39.6 59.4



#16
Acetone
Concen: 26.724 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

Tgt Ion: 43 Resp: 15003
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8





#20

Methylene Chloride

Concen: 1.236 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034041.D

Acq: 06 Feb 2023 20:34

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-2-2

Tgt Ion: 84 Resp: 1588

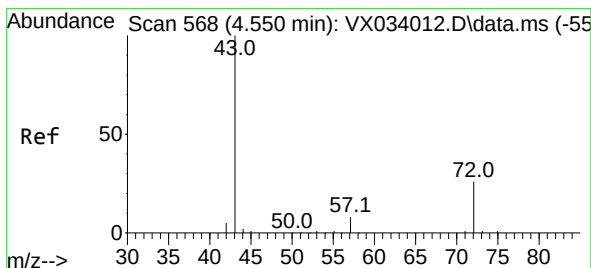
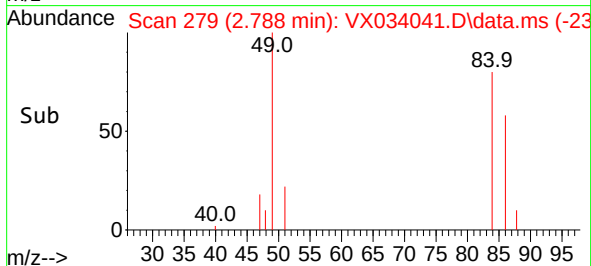
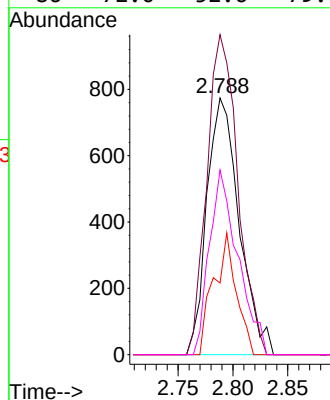
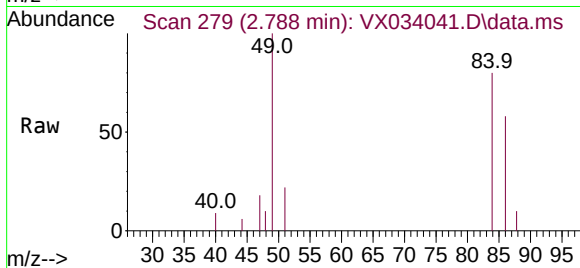
Ion Ratio Lower Upper

84 100

49 124.7 101.1 151.7

51 27.9 31.0 46.6#

86 72.0 52.6 79.0



#25

2-Butanone

Concen: 3.299 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.012 min

Lab File: VX034041.D

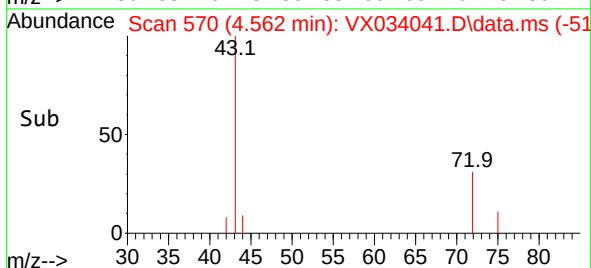
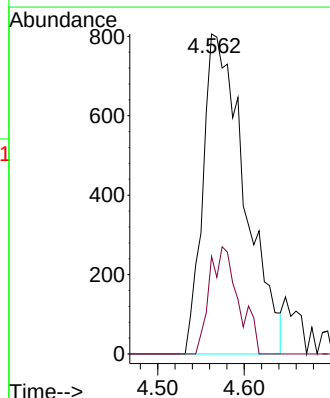
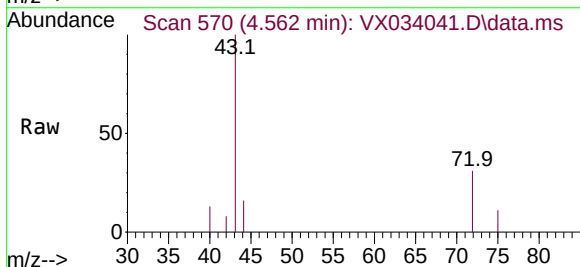
Acq: 06 Feb 2023 20:34

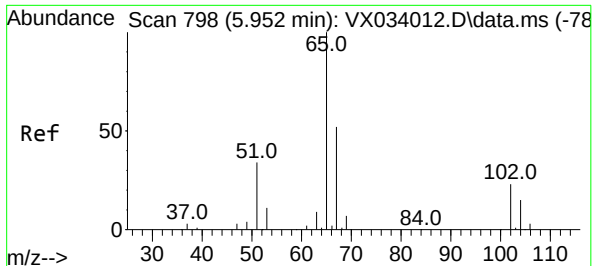
Tgt Ion: 43 Resp: 2697

Ion Ratio Lower Upper

43 100

72 30.5 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 49.359 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034041.D

Acq: 06 Feb 2023 20:34

Instrument :

MSVOA_X

ClientSampleId :

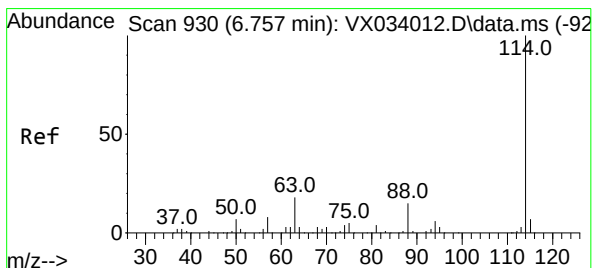
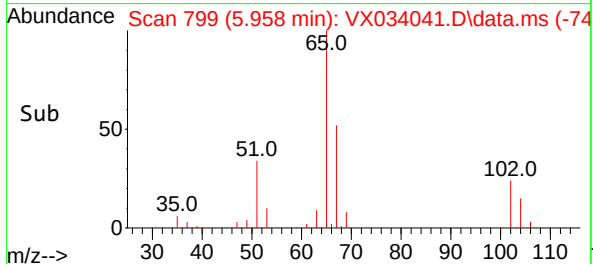
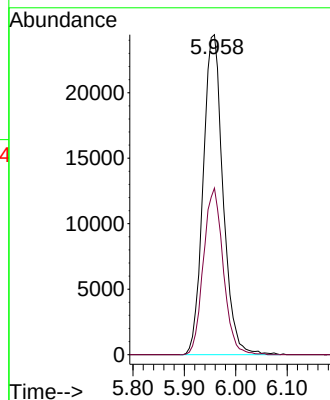
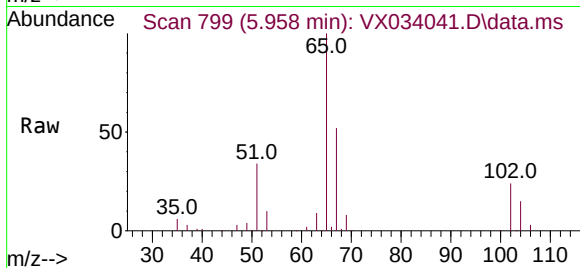
EB-2023-2-2

Tgt Ion: 65 Resp: 65609

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034041.D

Acq: 06 Feb 2023 20:34

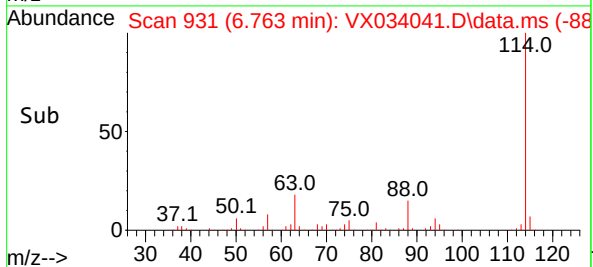
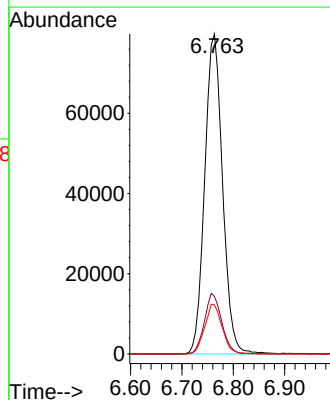
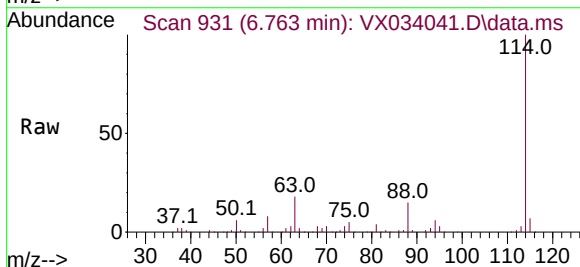
Tgt Ion: 114 Resp: 192331

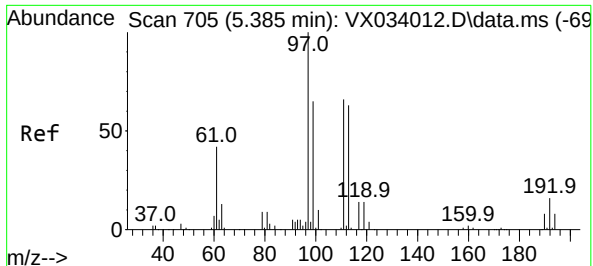
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.557 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034041.D

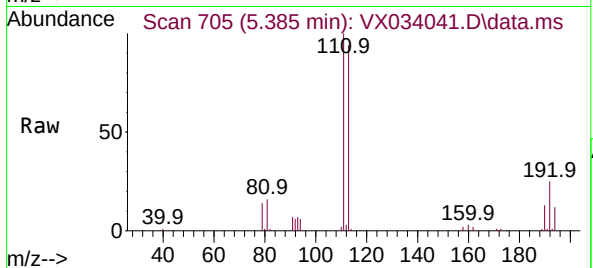
Acq: 06 Feb 2023 20:34

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-2-2



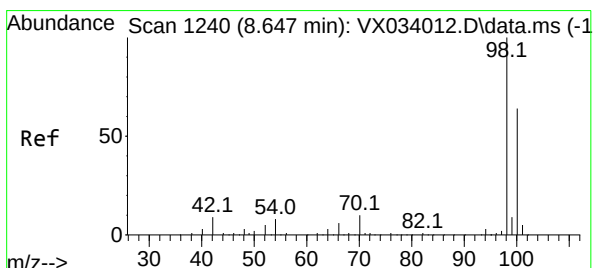
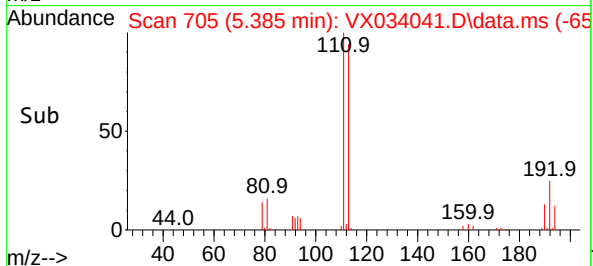
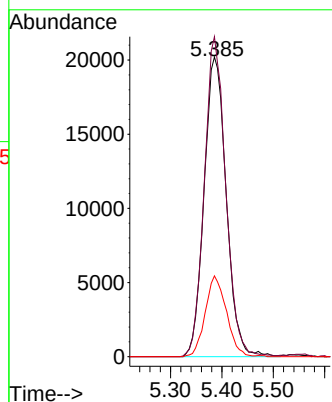
Tgt Ion:113 Resp: 60661

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 25.8 19.0 28.4



#50

Toluene-d8

Concen: 49.893 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034041.D

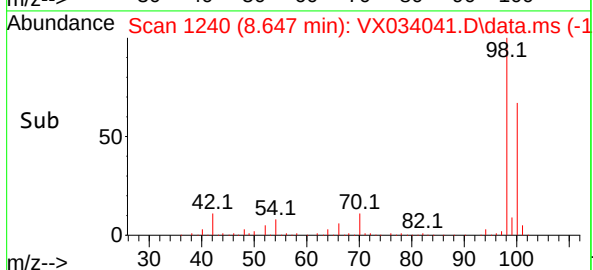
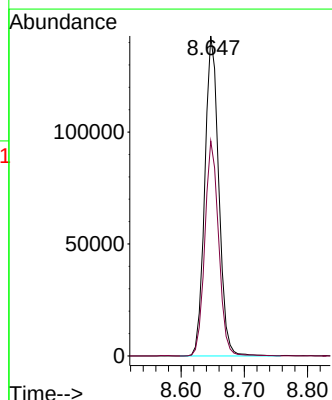
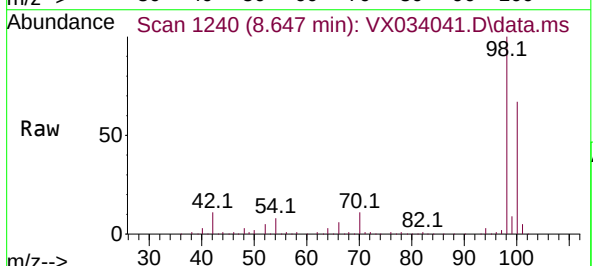
Acq: 06 Feb 2023 20:34

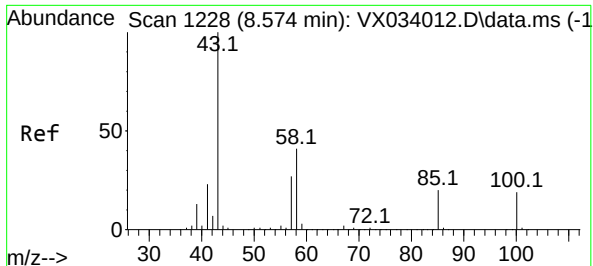
Tgt Ion: 98 Resp: 220039

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4

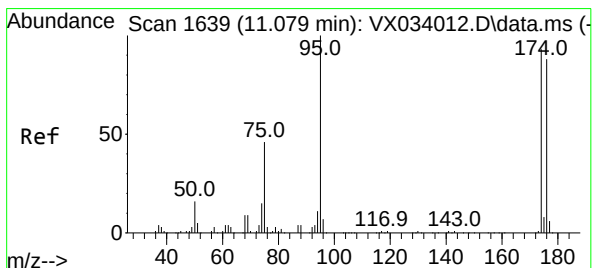
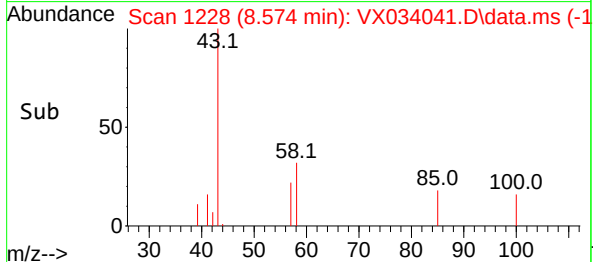
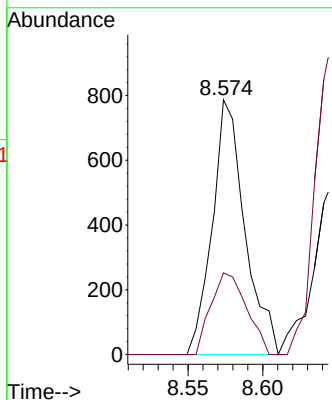
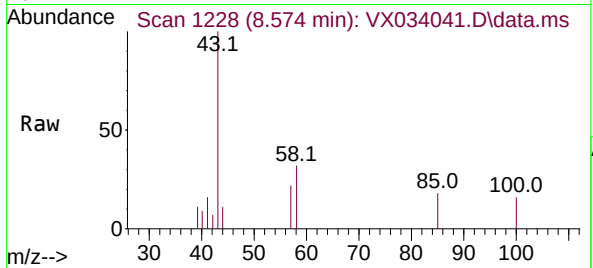




#51
4-Methyl-2-Pentanone
Concen: 0.779 ug/l
RT: 8.574 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

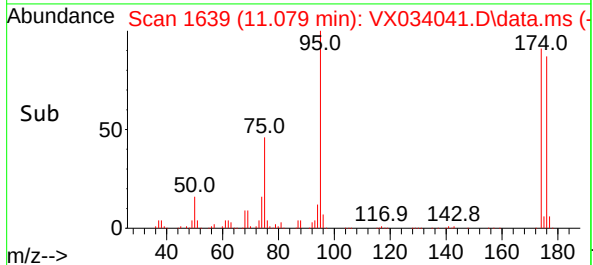
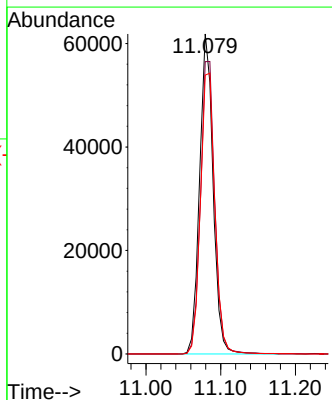
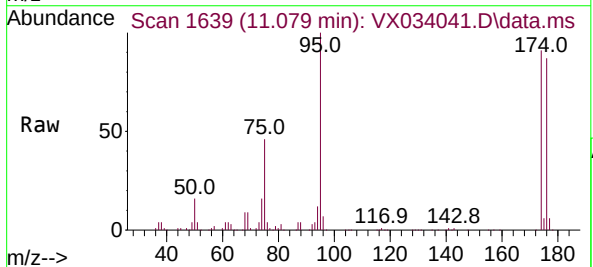
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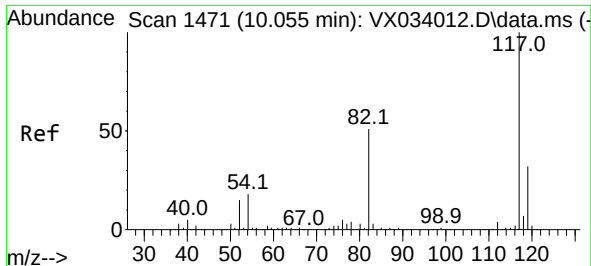
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 35.2 31.2 46.8



#62
4-Bromofluorobenzene
Concen: 49.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

Tgt Ion: 95 Resp: 77604
Ion Ratio Lower Upper
95 100
174 97.0 0.0 184.4
176 94.0 0.0 178.8

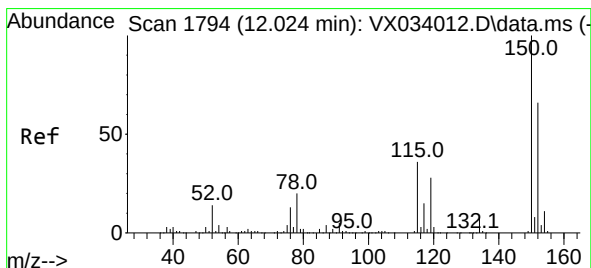
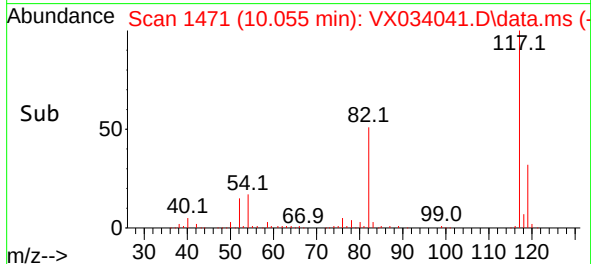
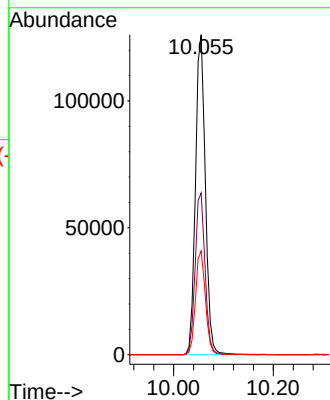
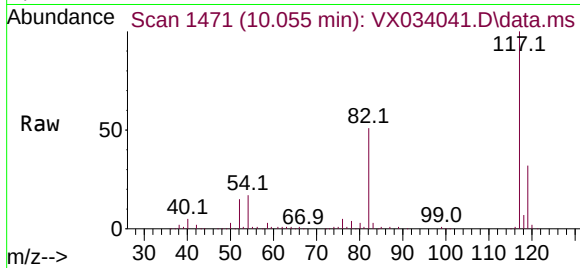




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 173234
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034041.D
Acq: 06 Feb 2023 20:34

Tgt Ion:152 Resp: 83673
Ion Ratio Lower Upper
152 100
115 53.4 38.7 116.1
150 156.5 0.0 348.2

