

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035521.D
 Acq On : 03 May 2023 19:40
 Operator : JC/MD
 Sample : 02597-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503-A

Quant Time: May 04 04:03:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

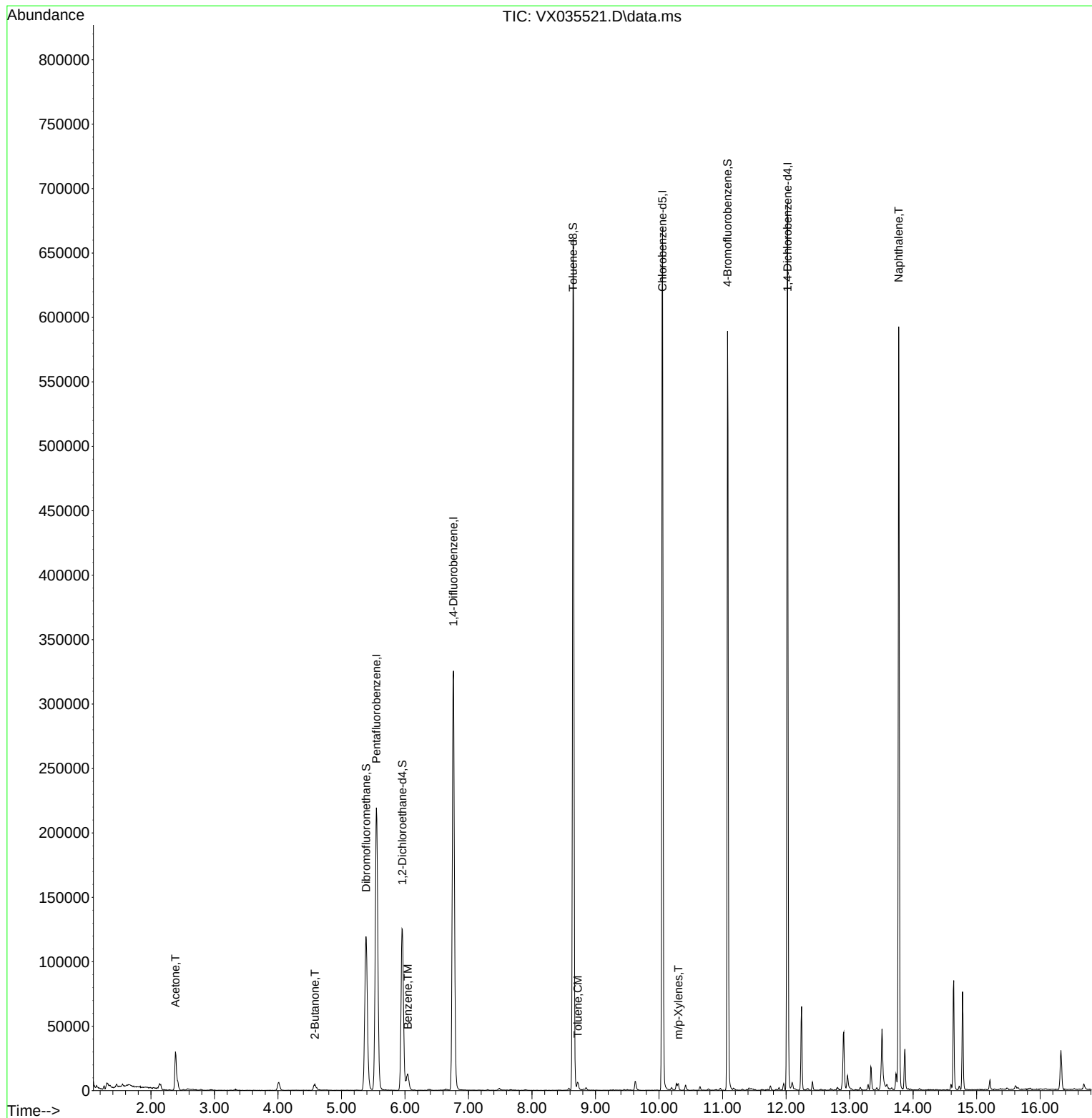
Internal Standards						
1) Pentafluorobenzene	5.550	168	213267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125771	48.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.385	113	106517	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	8.647	98	402925	50.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.000%
62) 4-Bromofluorobenzene	11.079	95	158271	53.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.500%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	34672	31.027	ug/l	98
25) 2-Butanone	4.581	43	10034	6.152	ug/l	93
40) Benzene	6.044	78	15454	1.647	ug/l	99
52) Toluene	8.720	92	2308	0.388	ug/l	99
68) m/p-Xylenes	10.305	106	1176	0.259	ug/l	93
95) Naphthalene	13.774	128	363324	34.868	ug/l	99

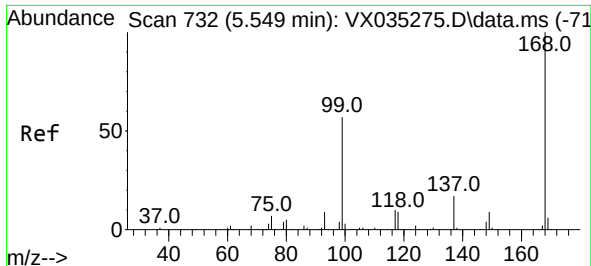
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX035521.D

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Instrument :

MSVOA_X

ClientSampleId :

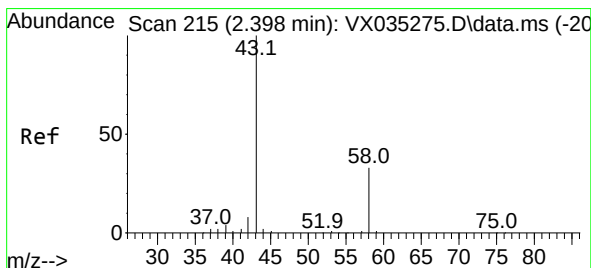
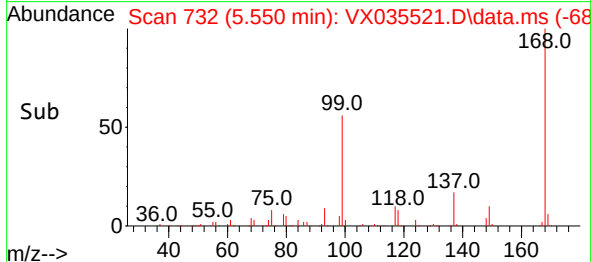
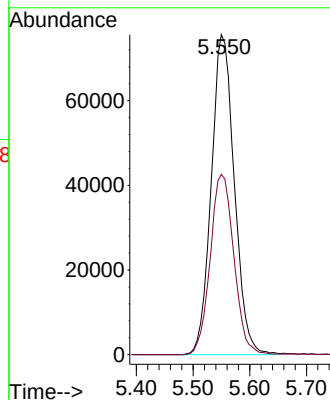
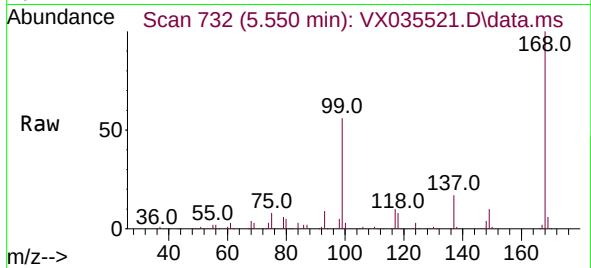
MW-1-20230503-A

Tgt Ion:168 Resp: 213267

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



#16

Acetone

Concen: 31.027 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035521.D

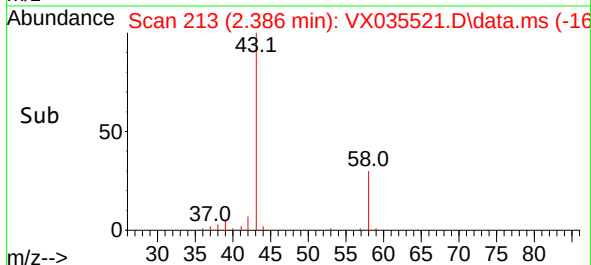
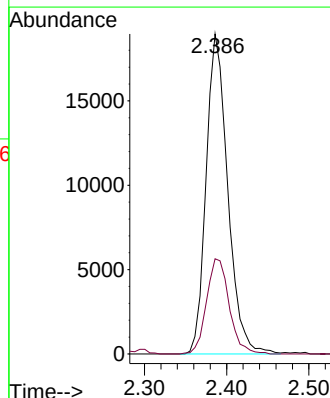
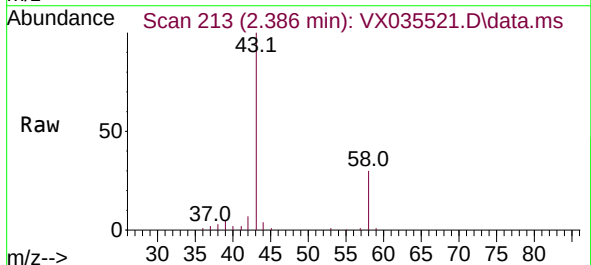
Acq: 03 May 2023 19:40

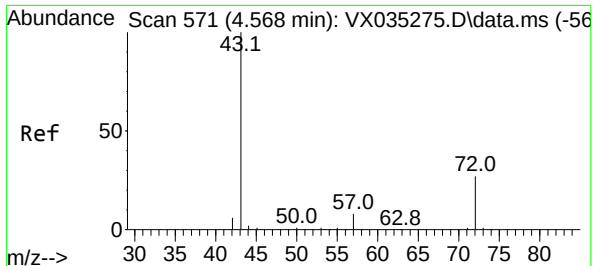
Tgt Ion: 43 Resp: 34672

Ion Ratio Lower Upper

43 100

58 29.8 24.7 37.1





#25

2-Butanone

Concen: 6.152 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX035521.D

Acq: 03 May 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

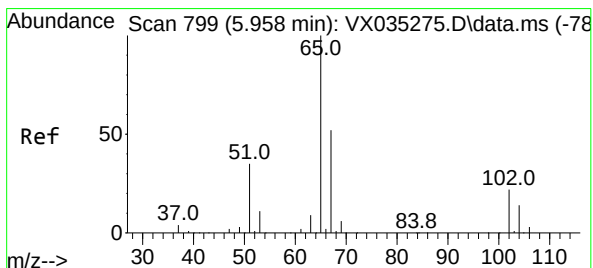
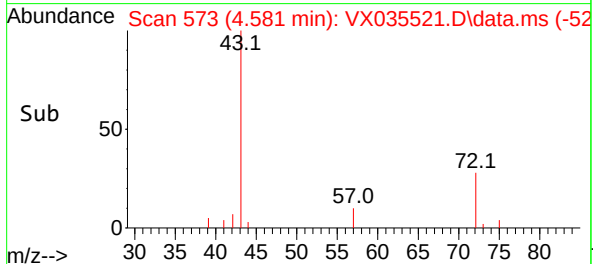
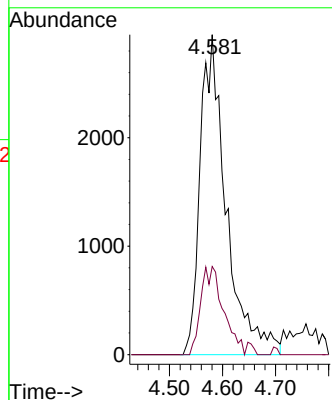
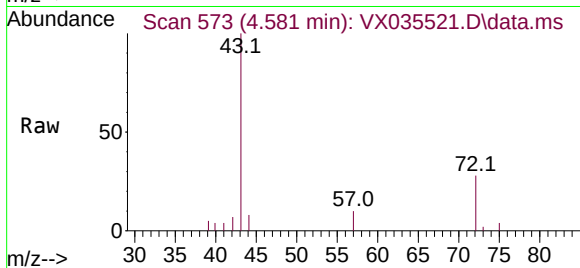
MW-1-20230503-A

Tgt Ion: 43 Resp: 10034

Ion Ratio Lower Upper

43 100

72 27.5 19.3 28.9



#33

1,2-Dichloroethane-d4

Concen: 48.882 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035521.D

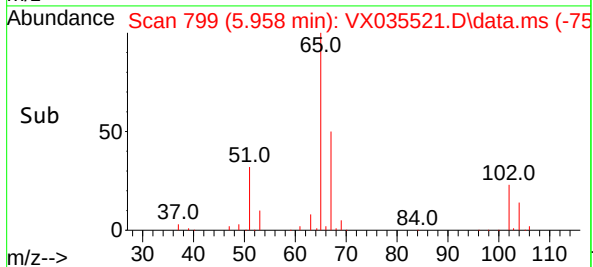
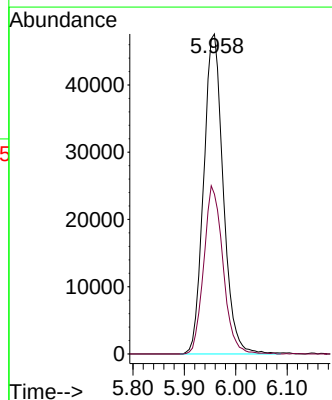
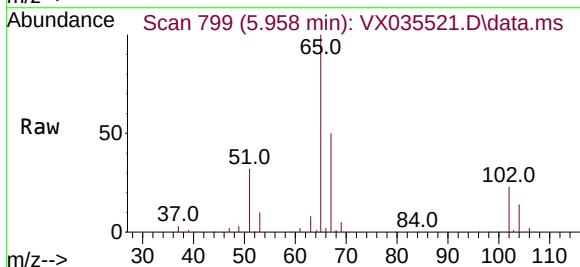
Acq: 03 May 2023 19:40

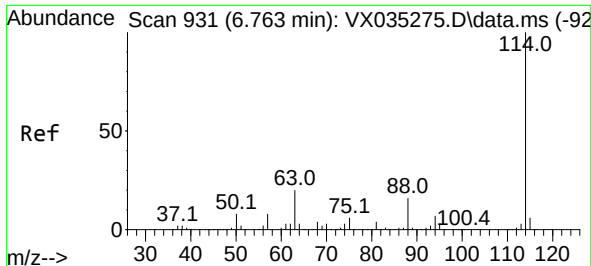
Tgt Ion: 65 Resp: 125771

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0

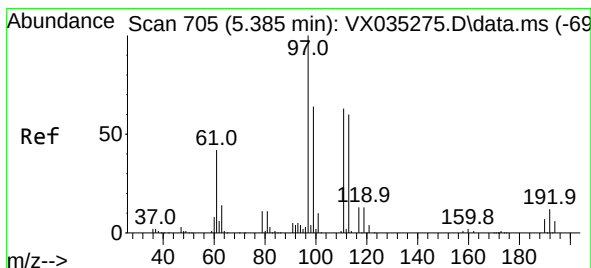
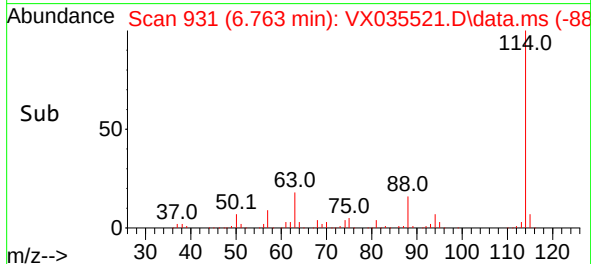
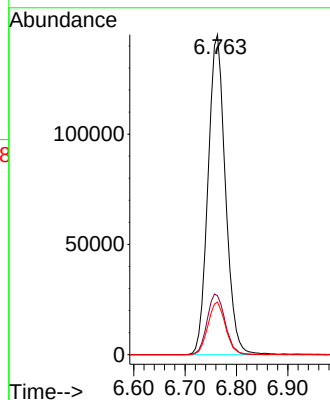
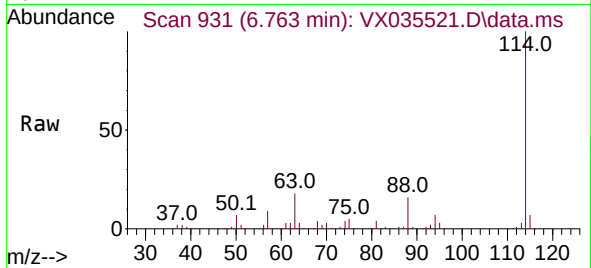




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

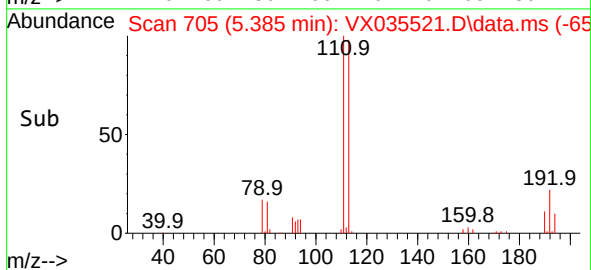
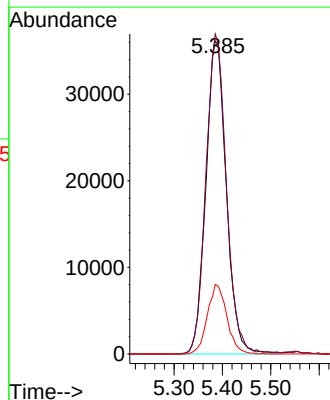
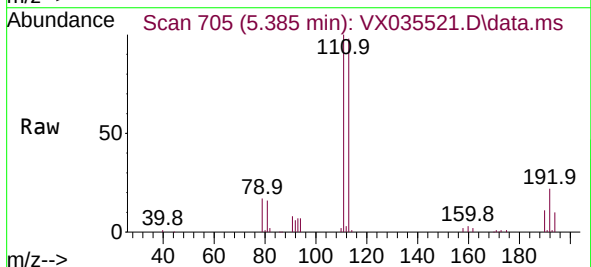
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503-A

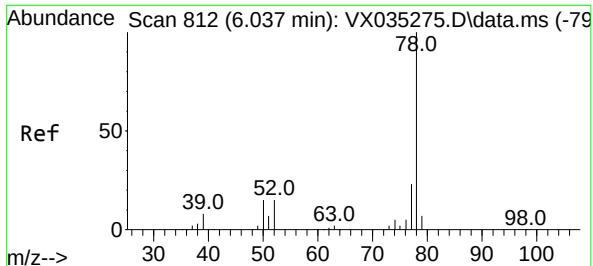
Tgt Ion:114 Resp: 341230
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

Tgt Ion:113 Resp: 106517
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 21.1 15.4 23.2





#40

Benzene

Concen: 1.647 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX035521.D

Acq: 03 May 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

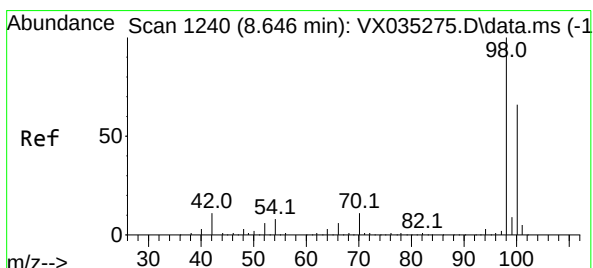
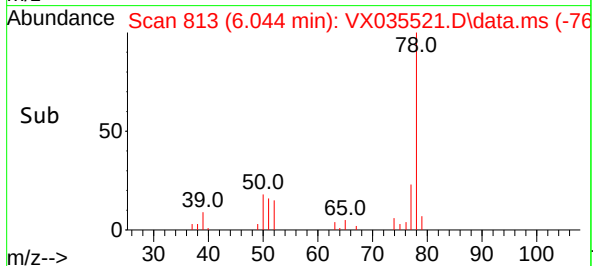
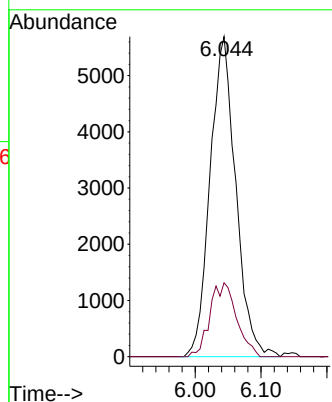
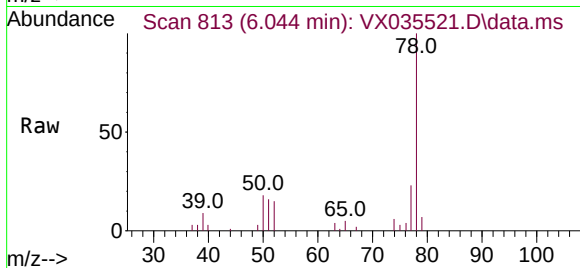
MW-1-20230503-A

Tgt Ion: 78 Resp: 15454

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4



#50

Toluene-d8

Concen: 50.999 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035521.D

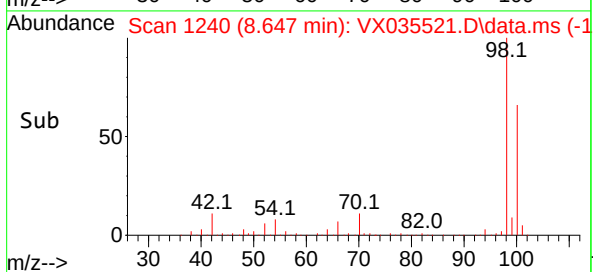
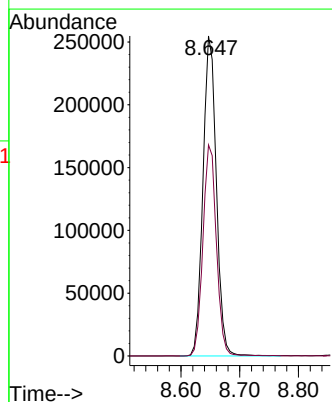
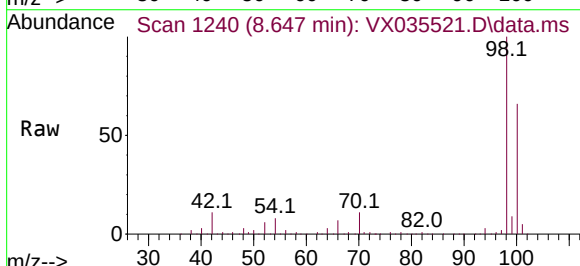
Acq: 03 May 2023 19:40

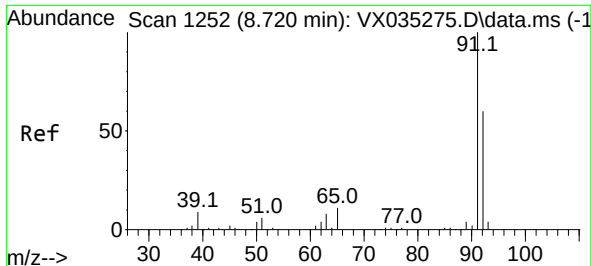
Tgt Ion: 98 Resp: 402925

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

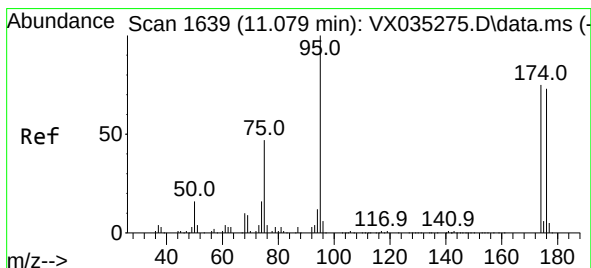
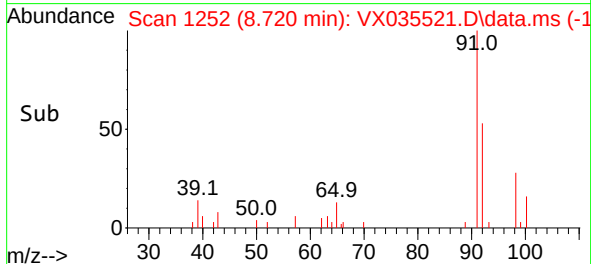
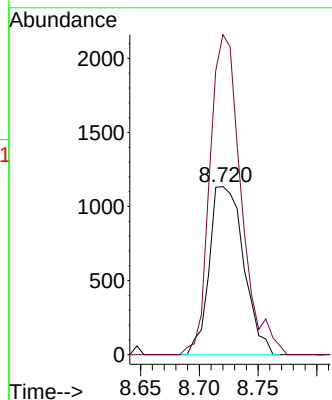
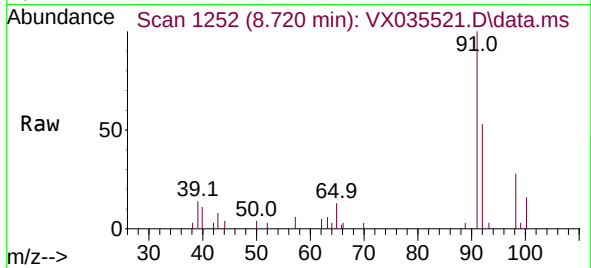




#52
Toluene
Concen: 0.388 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

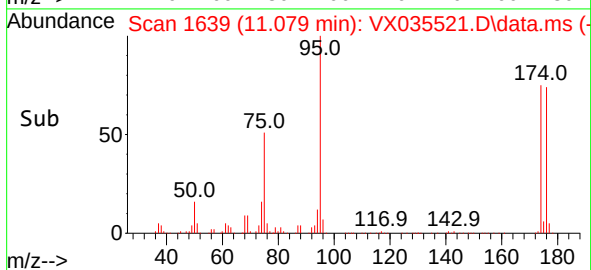
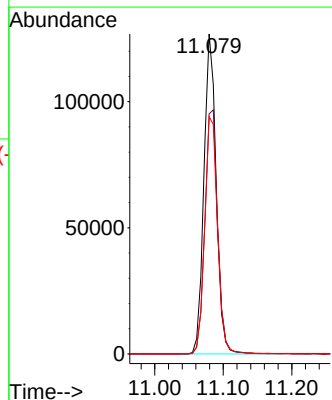
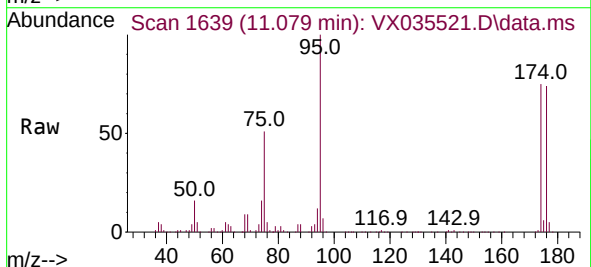
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ClientSampleId :
MW-1-20230503-A

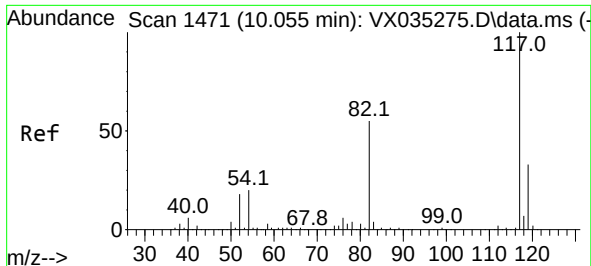
Tgt Ion: 92 Resp: 2308
Ion Ratio Lower Upper
92 100
91 172.7 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 53.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

Tgt Ion: 95 Resp: 158271
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 77.7 0.0 140.6

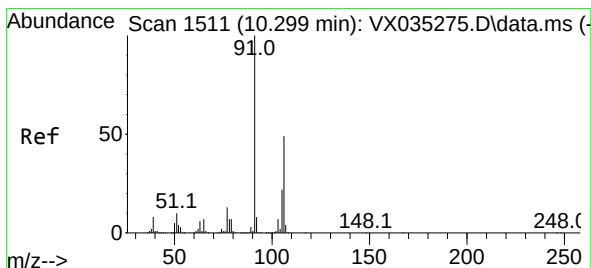
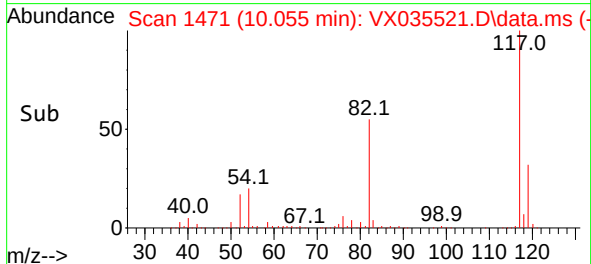
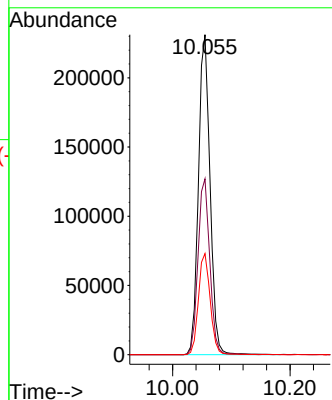
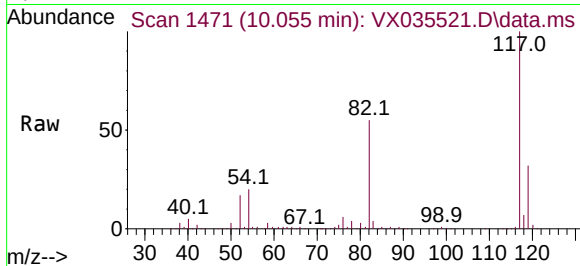




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

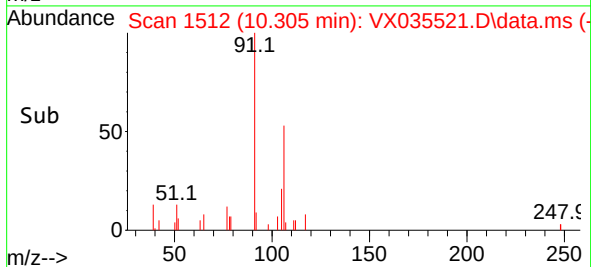
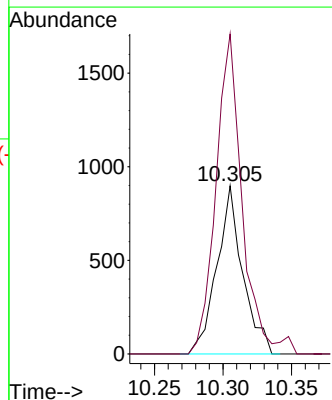
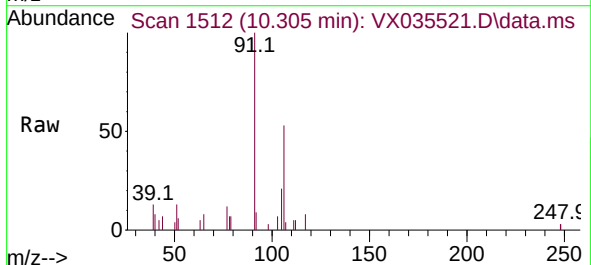
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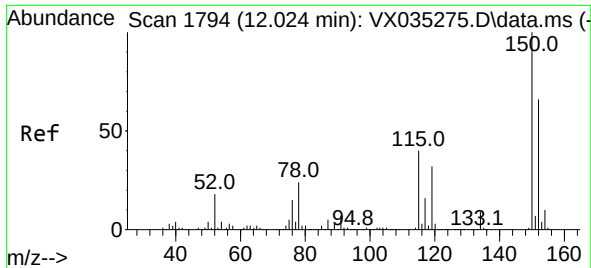
Tgt Ion:117 Resp: 316707
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.6 26.0 39.0



#68
m/p-Xylenes
Concen: 0.259 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

Tgt Ion:106 Resp: 1176
Ion Ratio Lower Upper
106 100
91 194.0 164.0 246.0

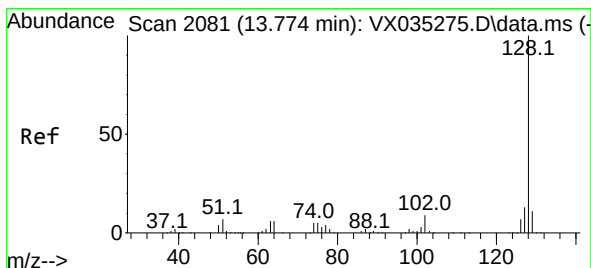
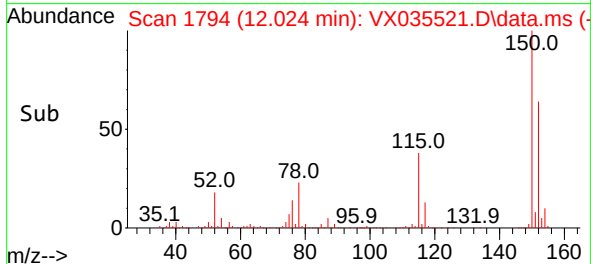
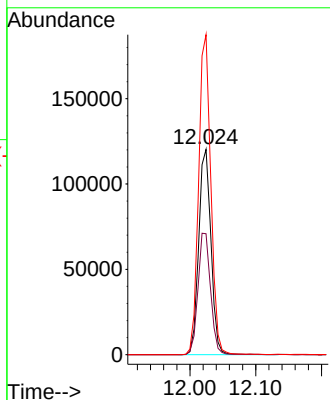
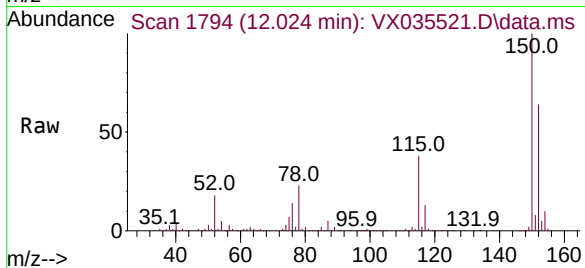




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20230503-A

Tgt Ion:152 Resp: 155913
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 154.7 0.0 352.4



#95
Naphthalene
Concen: 34.868 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035521.D
Acq: 03 May 2023 19:40

Tgt Ion:128 Resp: 363324
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.3 8.6 13.0

