

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037020.D
 Acq On : 16 Aug 2023 16:12
 Operator : JC/MD
 Sample : 04024-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20230815

Quant Time: Aug 17 04:16:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

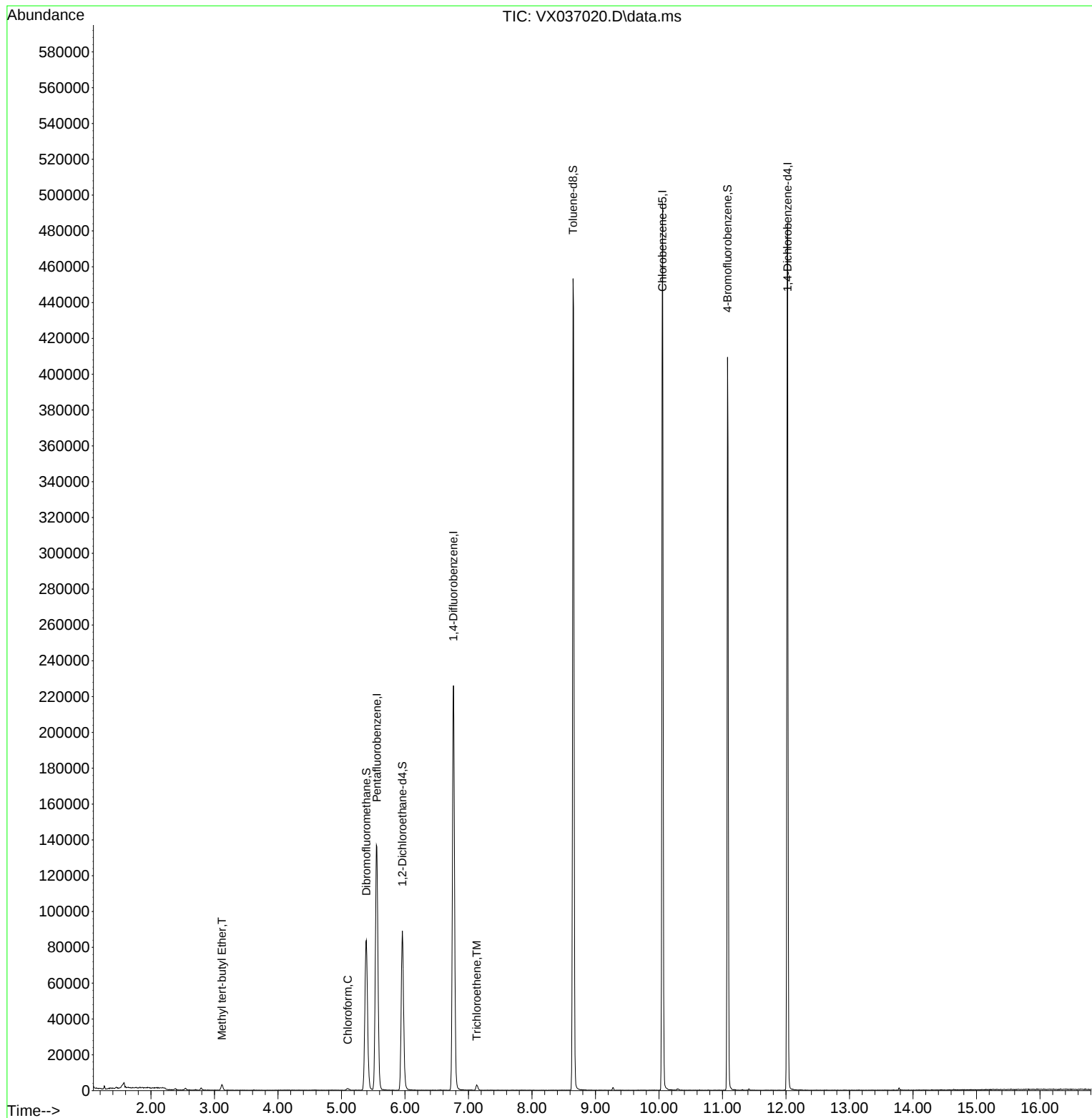
Internal Standards						
1) Pentafluorobenzene	5.556	168	126225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88348	47.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.600%
35) Dibromofluoromethane	5.391	113	74758	46.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	277903	48.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	110963	51.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	3506	0.660	ug/l	100
30) Chloroform	5.099	83	1223	0.403	ug/l #	75
44) Trichloroethene	7.129	130	1209	0.666	ug/l	83

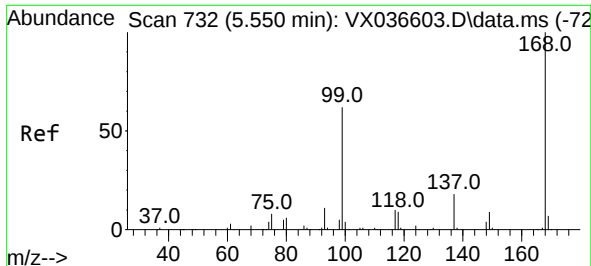
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX037020.D

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MSVOA_X

ClientSampleId :

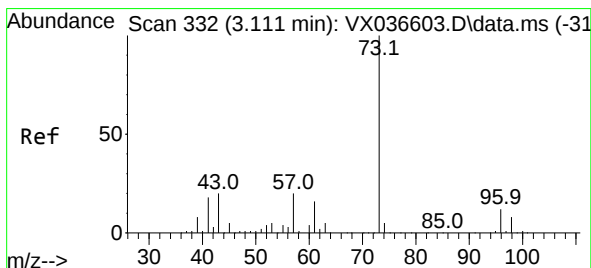
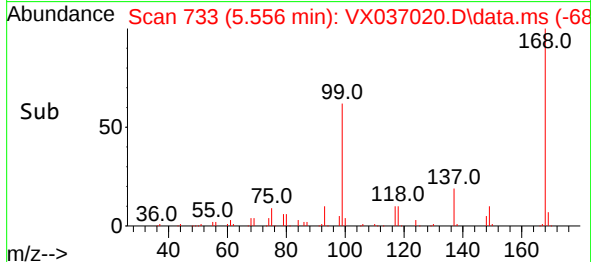
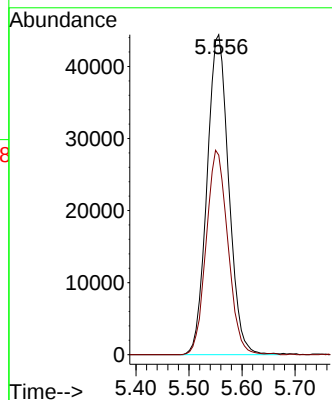
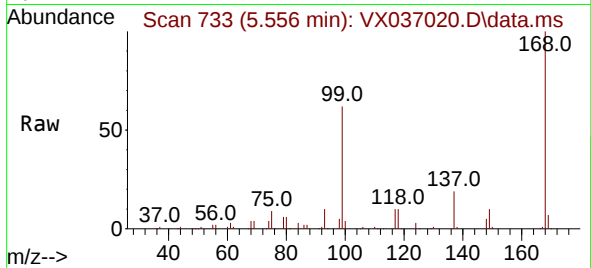
MW178S-20230815

Tgt Ion:168 Resp: 126225

Ion Ratio Lower Upper

168 100

99 62.4 56.6 85.0



#19

Methyl tert-butyl Ether

Concen: 0.660 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX037020.D

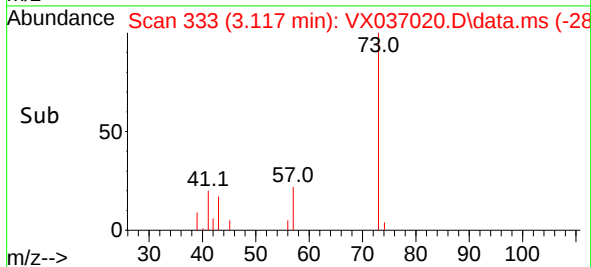
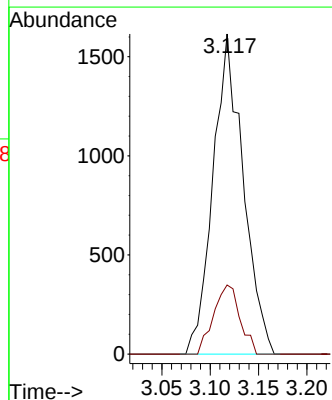
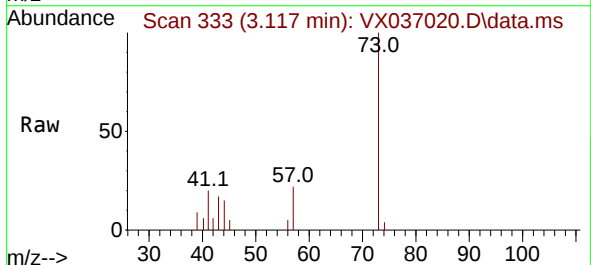
Acq: 16 Aug 2023 16:12

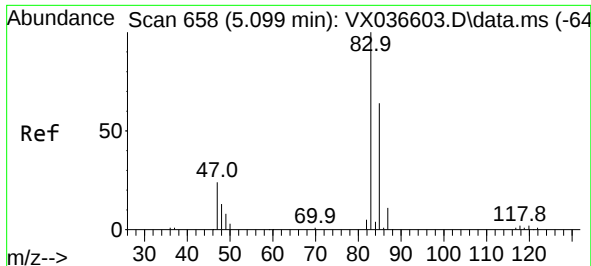
Tgt Ion: 73 Resp: 3506

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9





#30

Chloroform

Concen: 0.403 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

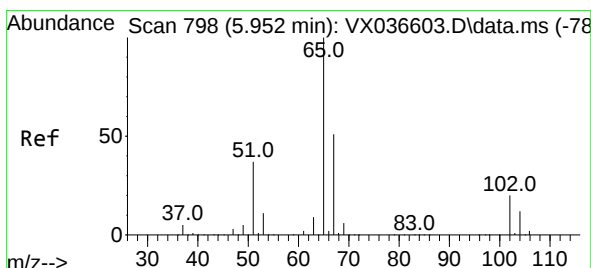
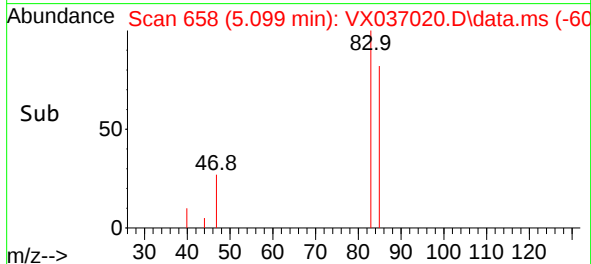
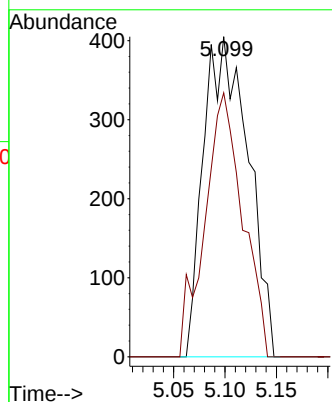
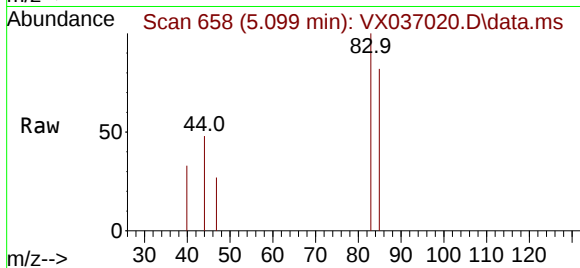
MW178S-20230815

Tgt Ion: 83 Resp: 1223

Ion Ratio Lower Upper

83 100

85 82.5 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 47.303 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX037020.D

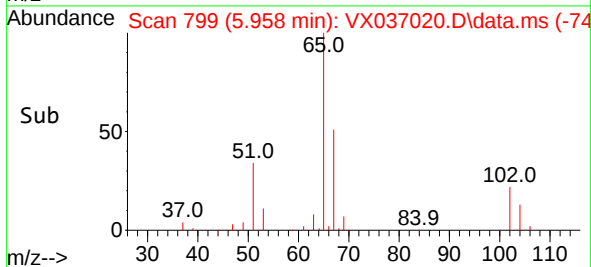
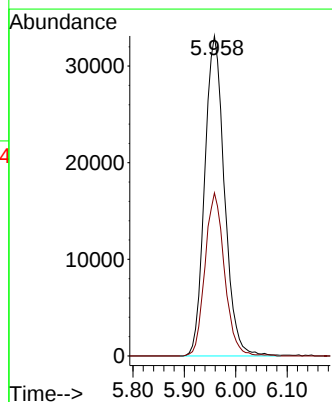
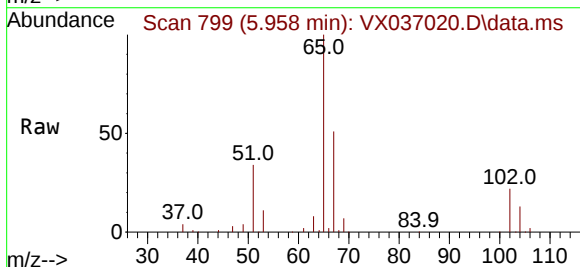
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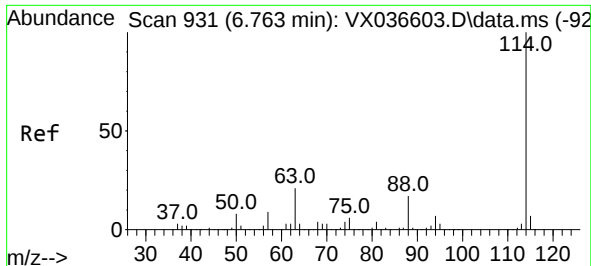
Tgt Ion: 65 Resp: 88348

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2

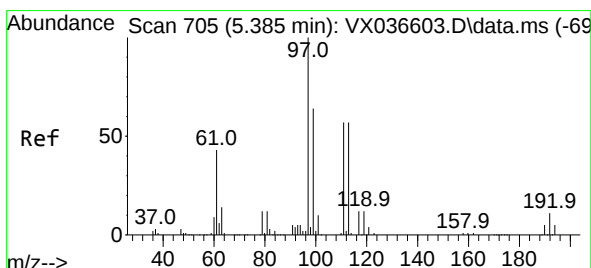
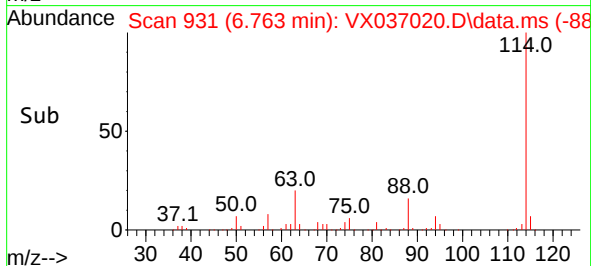
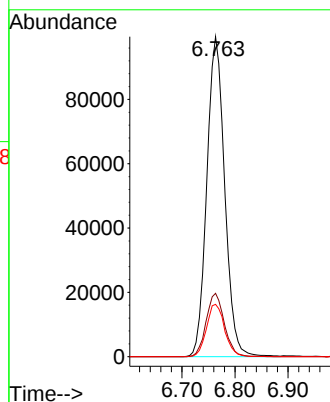
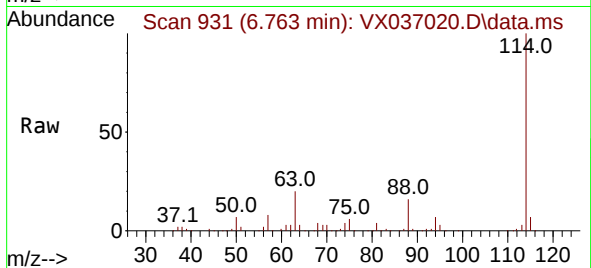




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

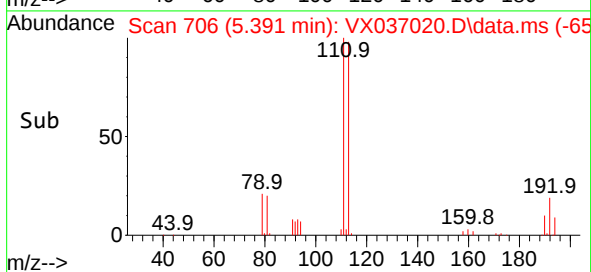
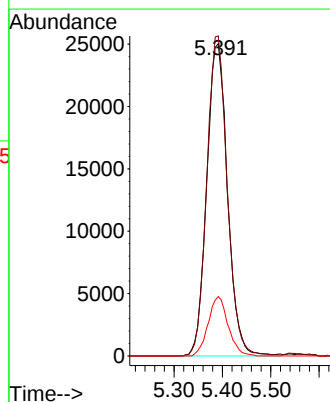
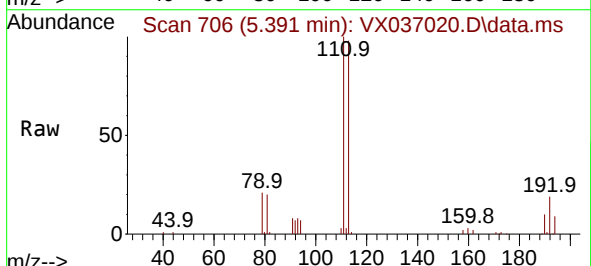
Instrument :
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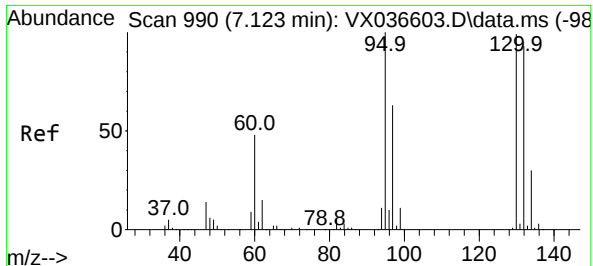
Tgt Ion:114 Resp: 232999
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion:113 Resp: 74758
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.3 13.3 19.9

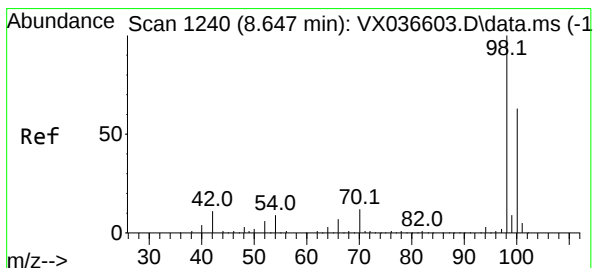
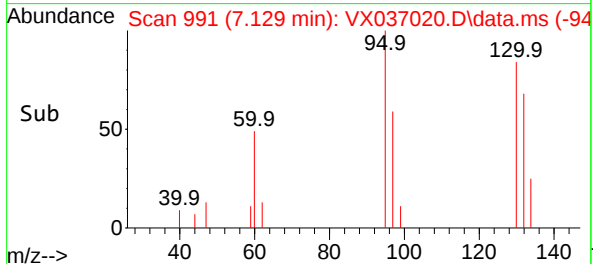
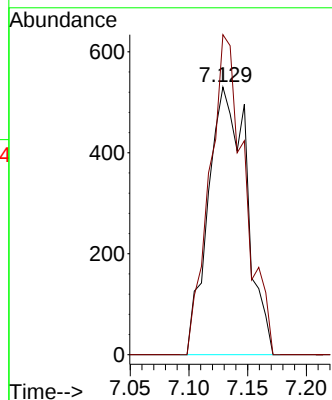
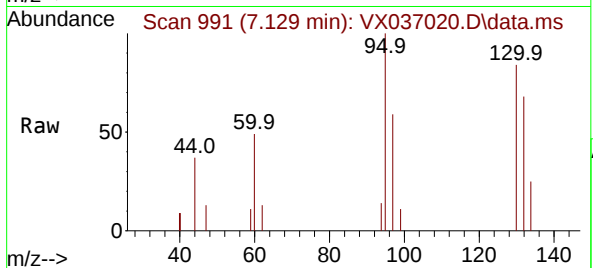




#44
Trichloroethene
Concen: 0.666 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

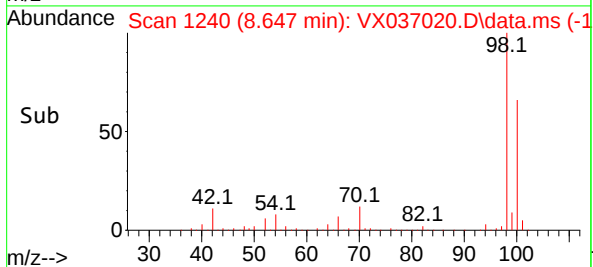
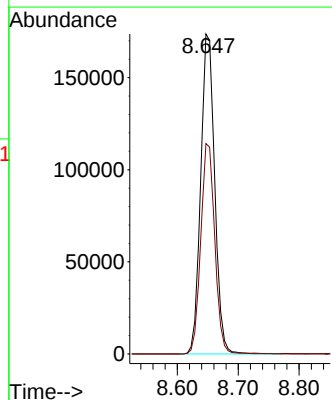
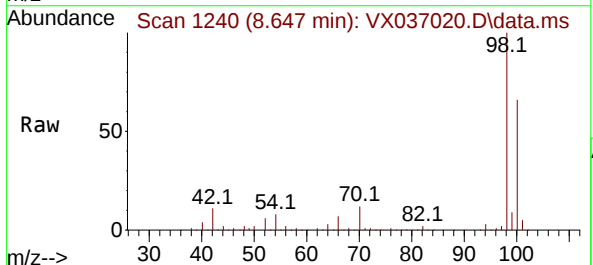
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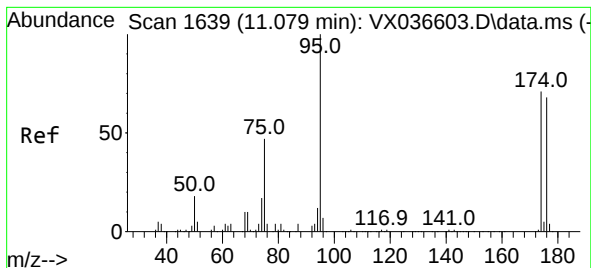
Tgt Ion:130 Resp: 1209
Ion Ratio Lower Upper
130 100
95 119.6 0.0 204.4



#50
Toluene-d8
Concen: 48.933 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion: 98 Resp: 277903
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

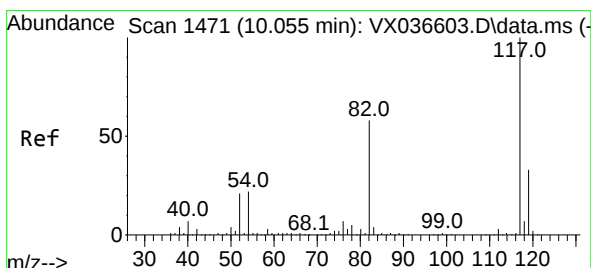
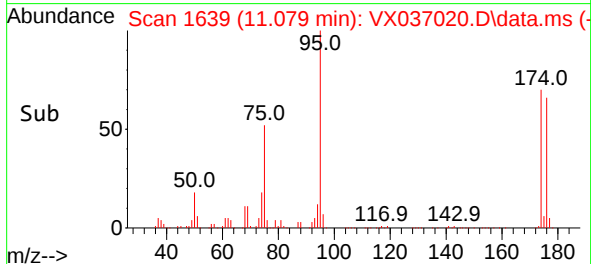
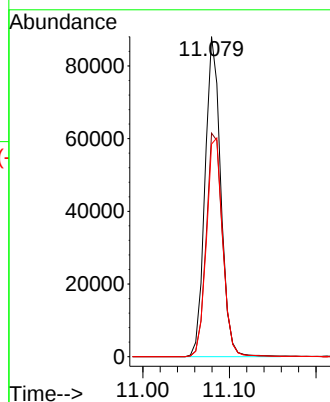
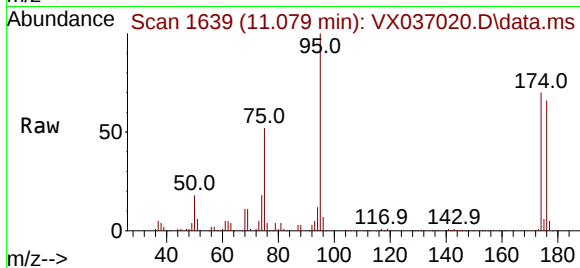




#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 11.079 min Scan# 110963
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

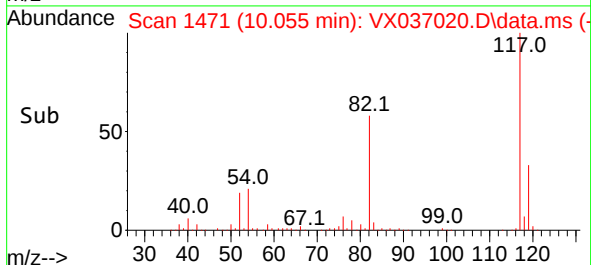
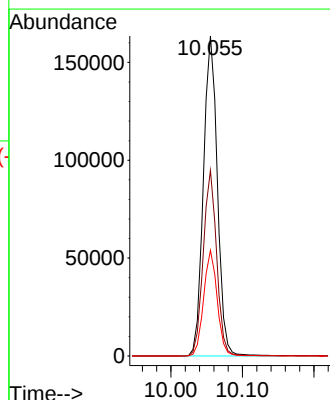
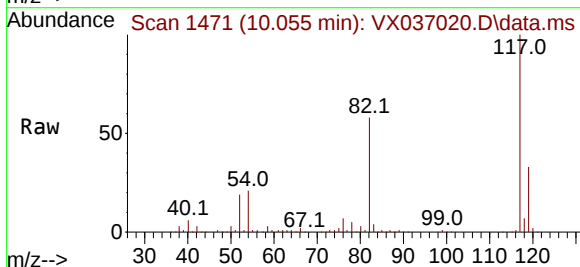
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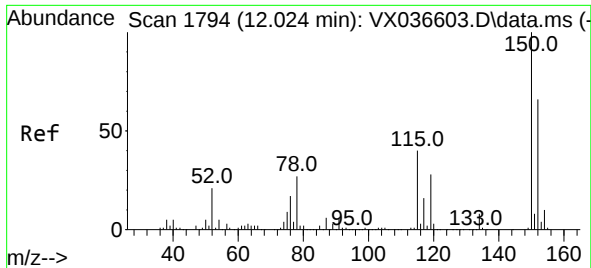
Tgt Ion: 95 Resp: 110963
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

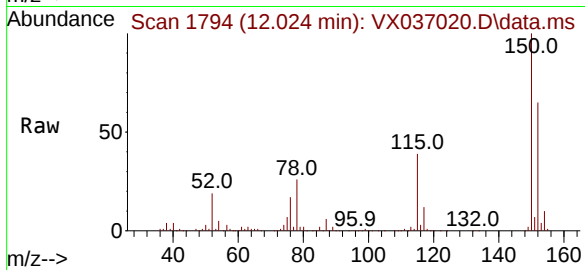
Tgt Ion: 117 Resp: 222023
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037020.D
 Acq: 16 Aug 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20230815



Tgt Ion:152 Resp: 101194
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.3 129.9
 150 157.1 0.0 345.0

