

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030296.D
 Acq On : 29 Jul 2022 12:38
 Operator : JC/MD
 Sample : N3861-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Quant Time: Aug 01 05:11:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

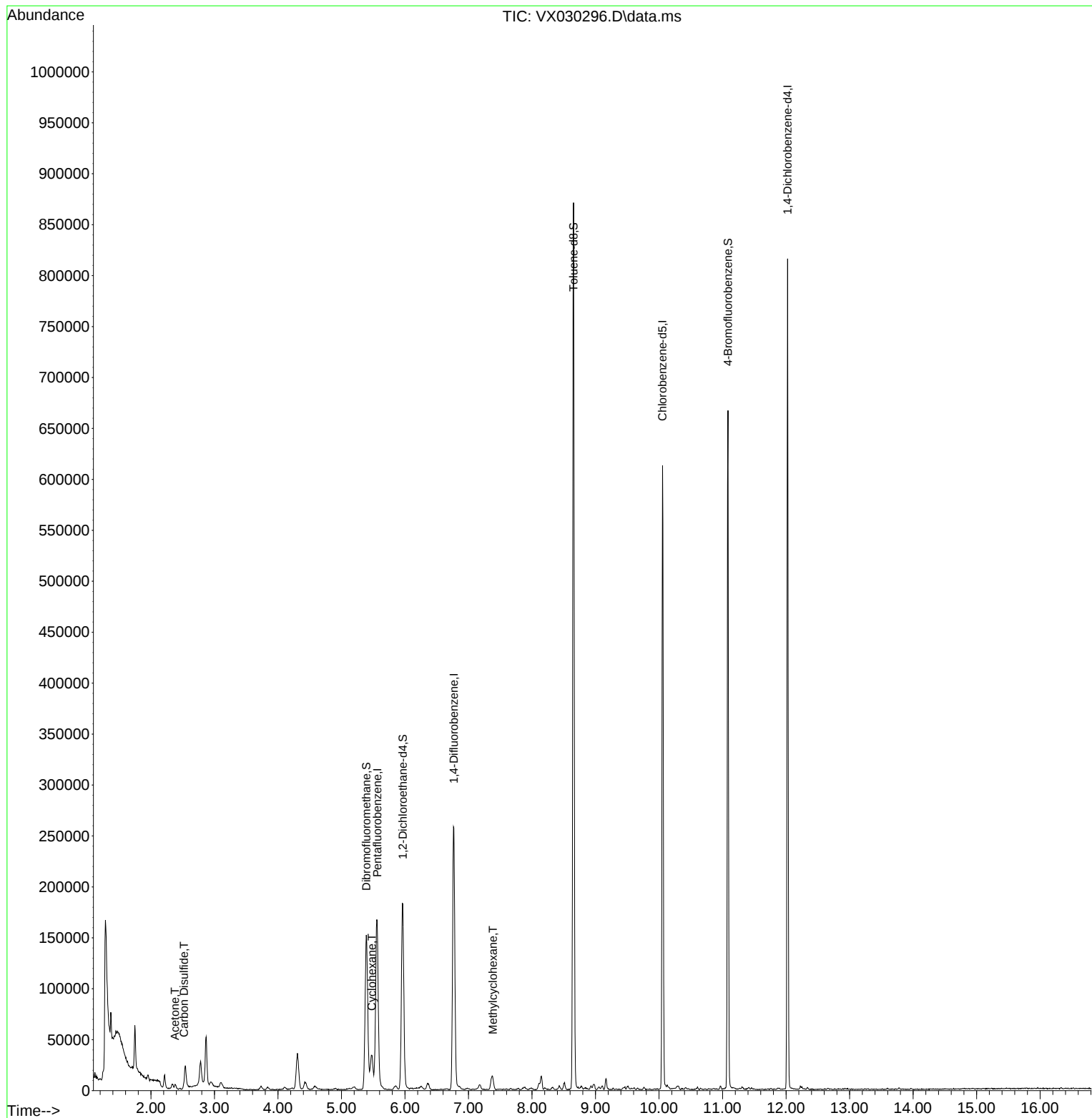
Internal Standards						
1) Pentafluorobenzene	5.562	168	156914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169586	53.771	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.540%		
35) Dibromofluoromethane	5.391	113	135159	52.882	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.760%		
50) Toluene-d8	8.653	98	516555	52.188	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.380%		
62) 4-Bromofluorobenzene	11.085	95	181128	49.308	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.620%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4671	2.893	ug/l	96
17) Carbon Disulfide	2.520	76	7365	1.113	ug/l #	94
31) Cyclohexane	5.477	56	24499	5.350	ug/l	93
39) Methylcyclohexane	7.385	83	4477	0.943	ug/l #	86

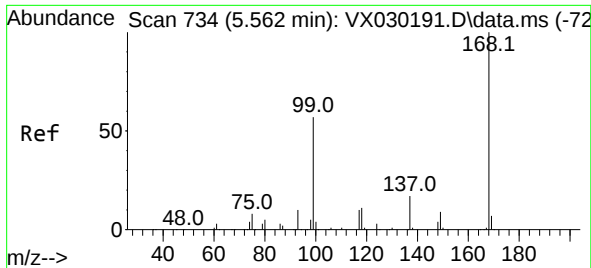
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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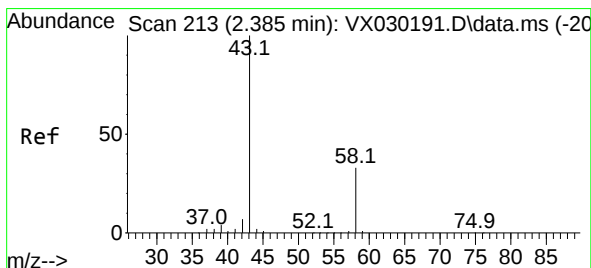
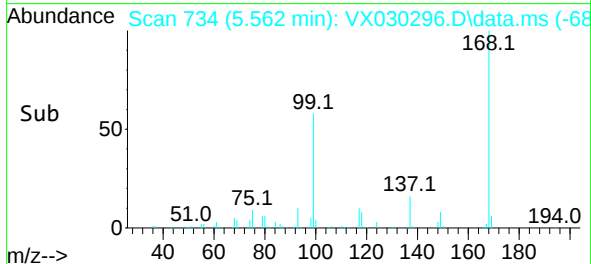
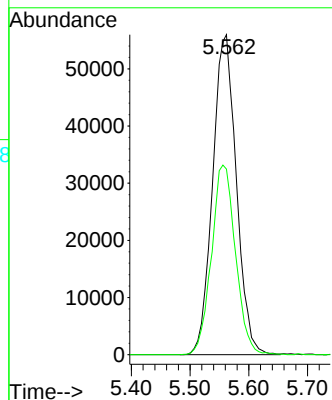
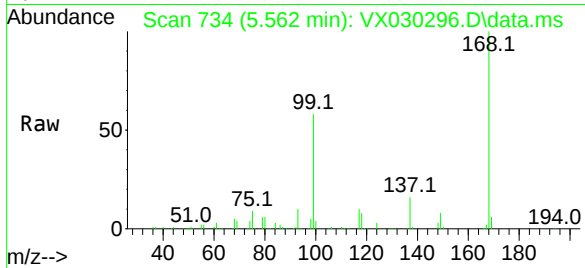




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

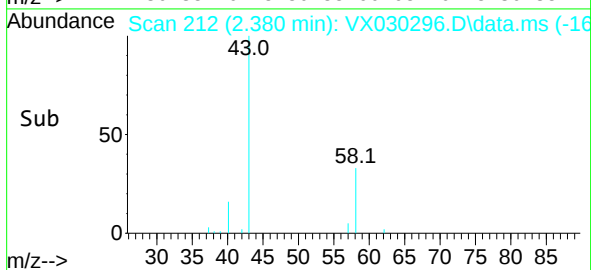
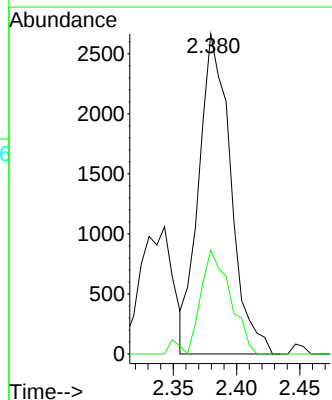
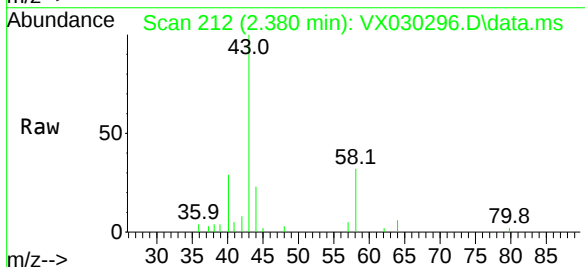
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

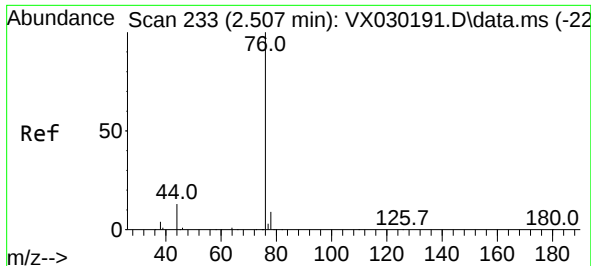
Tgt Ion:168 Resp: 156914
Ion Ratio Lower Upper
168 100
99 58.0 44.0 66.0



#16
Acetone
Concen: 2.893 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

Tgt Ion: 43 Resp: 4671
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5

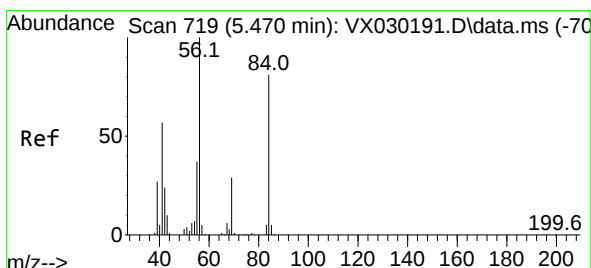
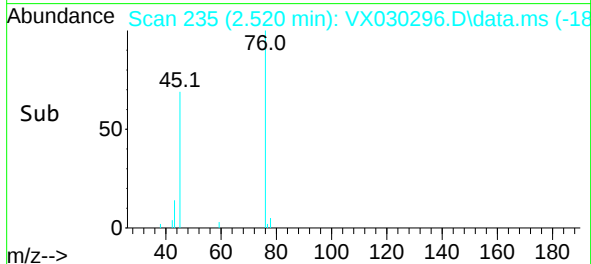
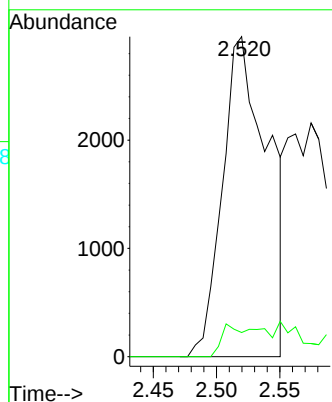
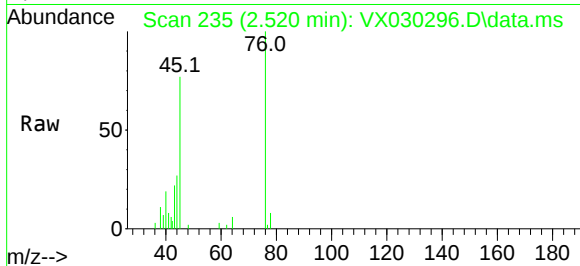




#17
Carbon Disulfide
Concen: 1.113 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

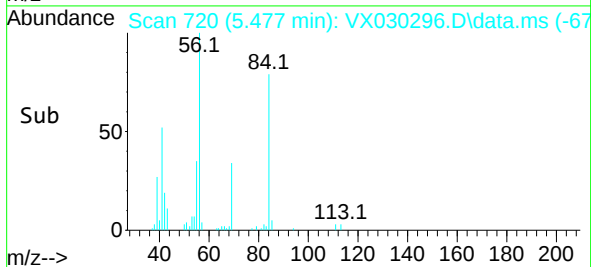
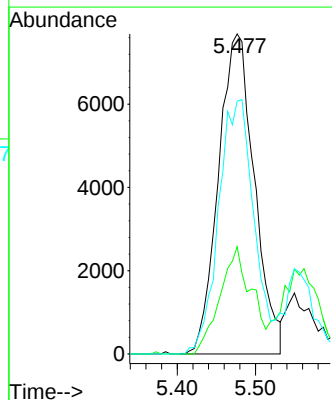
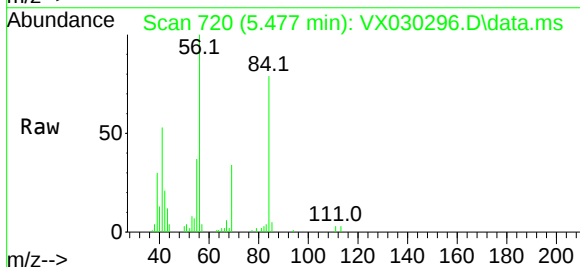
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

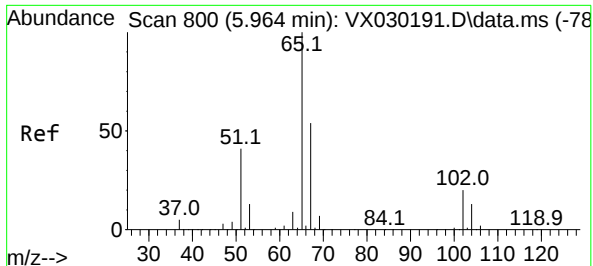
Tgt Ion: 76 Resp: 7365
Ion Ratio Lower Upper
76 100
78 7.5 7.8 11.6#



#31
Cyclohexane
Concen: 5.350 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

Tgt Ion: 56 Resp: 24499
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.0
84 79.0 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 53.771 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030296.D

Acq: 29 Jul 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

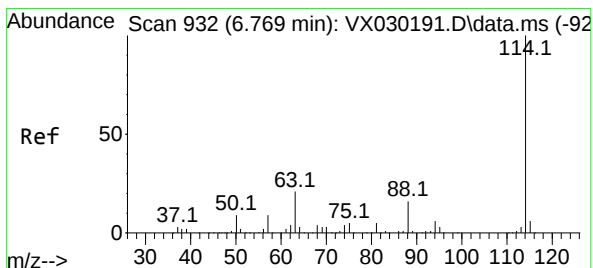
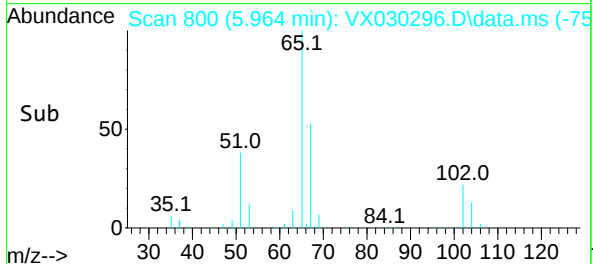
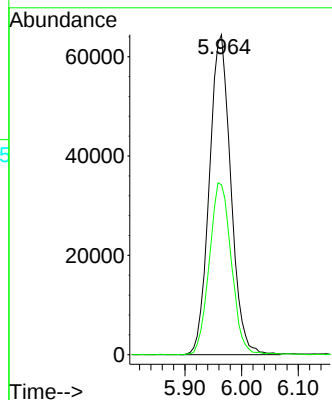
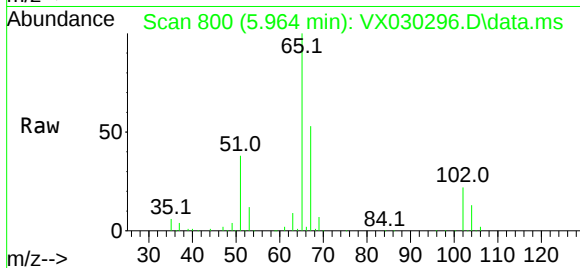
MW-14R

Tgt Ion: 65 Resp: 169586

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030296.D

Acq: 29 Jul 2022 12:38

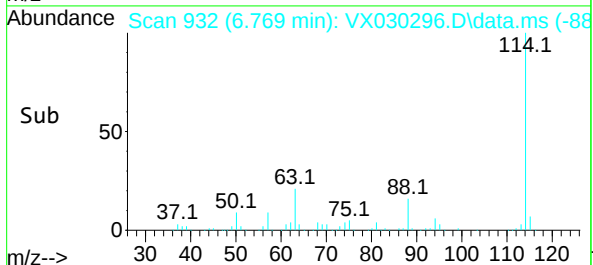
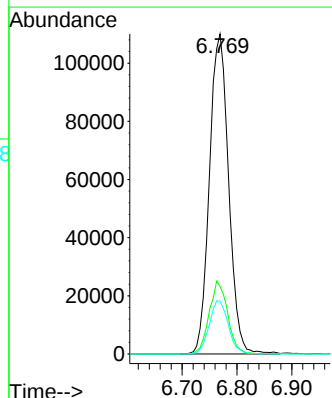
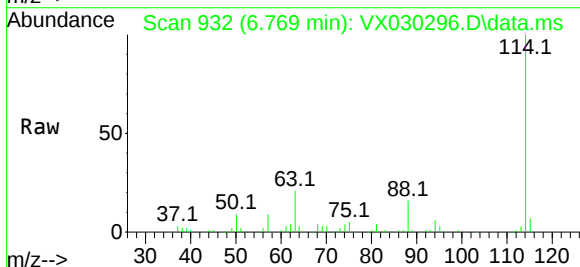
Tgt Ion: 114 Resp: 267363

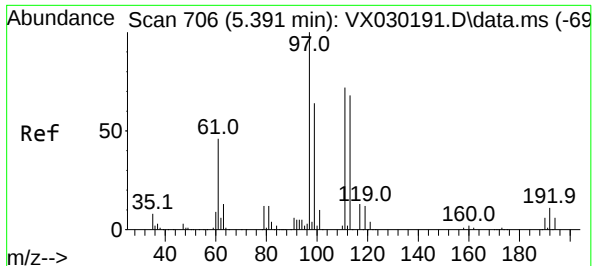
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.882 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030296.D

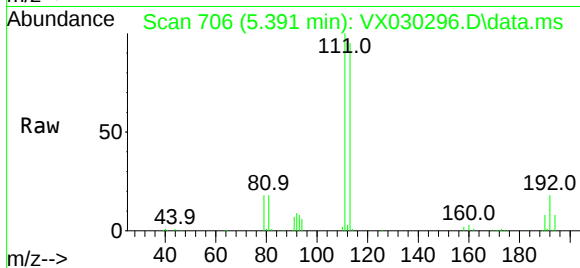
Acq: 29 Jul 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

MW-14R



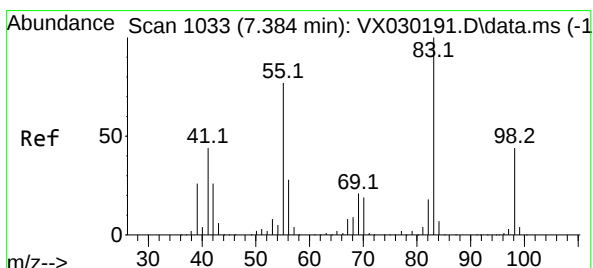
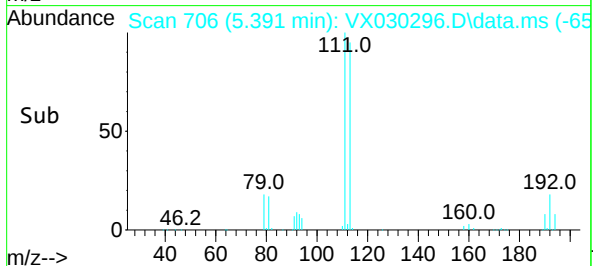
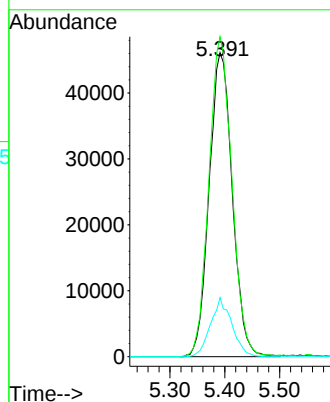
Tgt Ion:113 Resp: 135159

Ion Ratio Lower Upper

113 100

111 104.7 83.2 124.8

192 17.8 14.8 22.2



#39

Methylcyclohexane

Concen: 0.943 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX030296.D

Acq: 29 Jul 2022 12:38

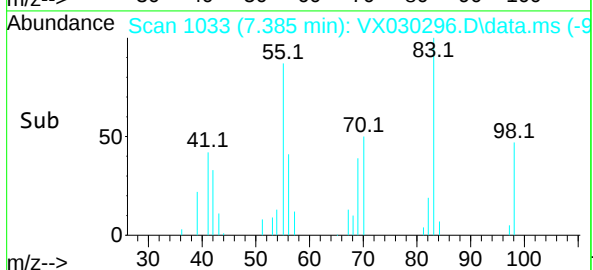
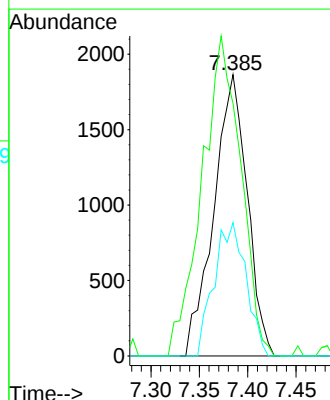
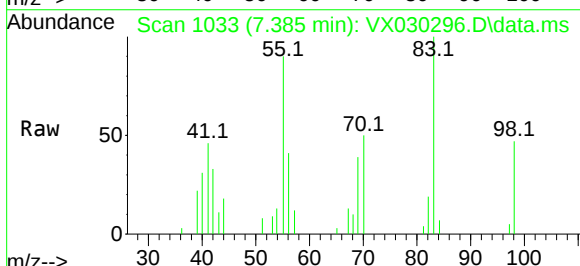
Tgt Ion: 83 Resp: 4477

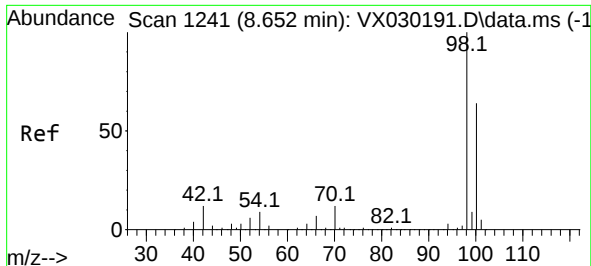
Ion Ratio Lower Upper

83 100

55 89.9 57.7 86.5#

98 47.4 36.5 54.7

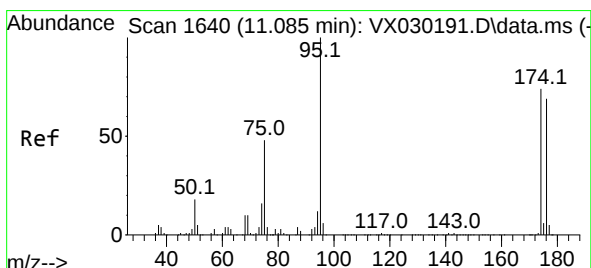
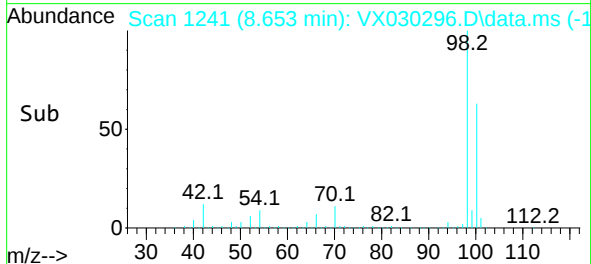
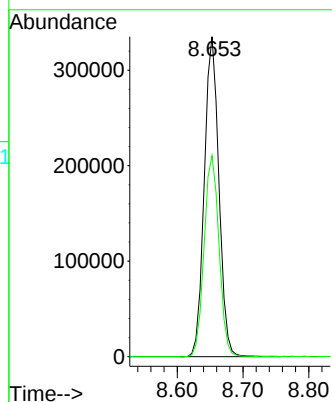
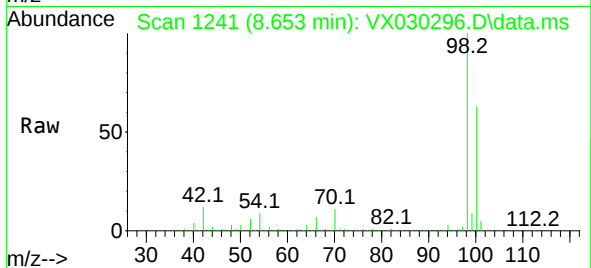




#50
Toluene-d8
Concen: 52.188 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

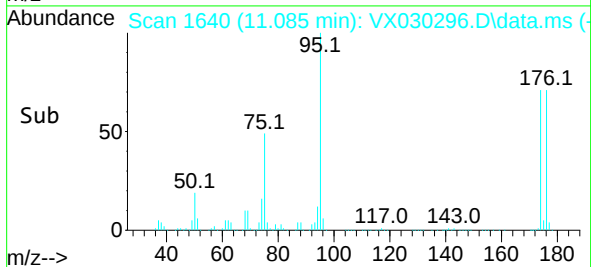
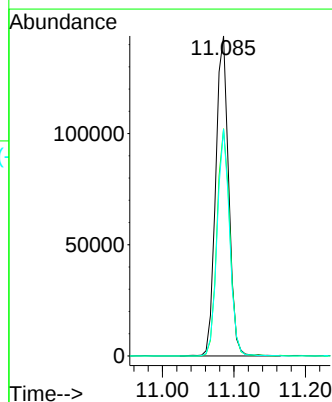
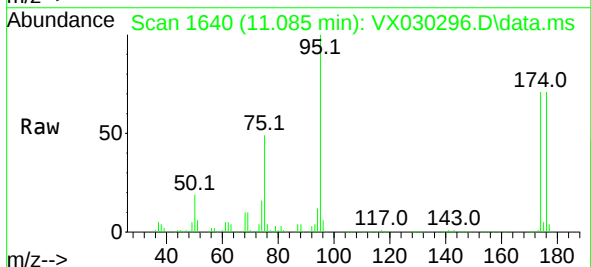
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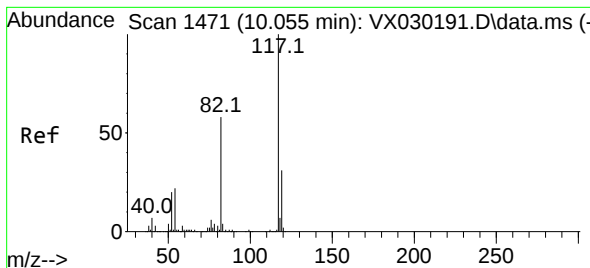
Tgt Ion: 98 Resp: 516555
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030296.D
Acq: 29 Jul 2022 12:38

Tgt Ion: 95 Resp: 181128
Ion Ratio Lower Upper
95 100
174 69.8 0.0 149.0
176 67.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030296.D

Acq: 29 Jul 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

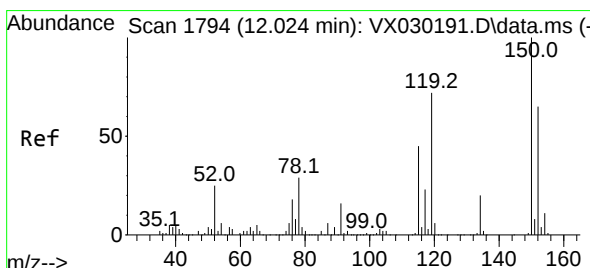
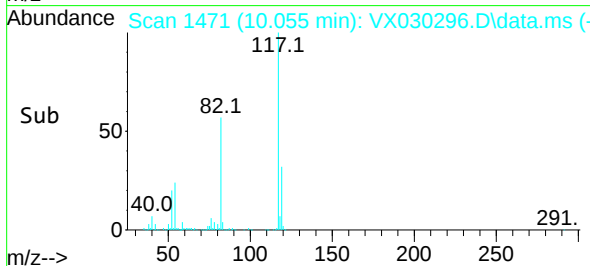
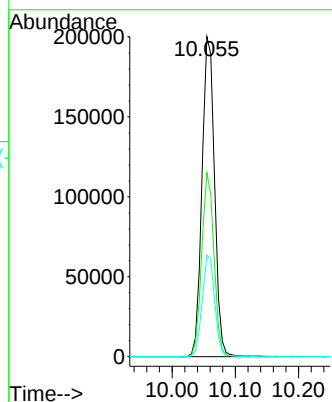
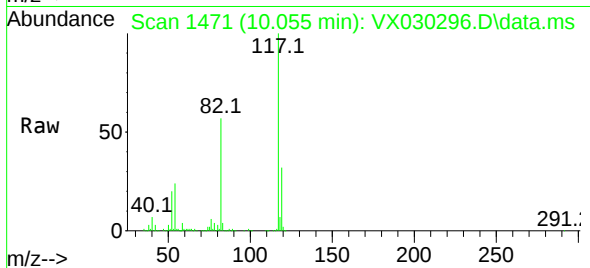
Tgt Ion:117 Resp: 276520

Ion Ratio Lower Upper

117 100

82 57.5 42.7 64.1

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030296.D

Acq: 29 Jul 2022 12:38

Tgt Ion:152 Resp: 154268

Ion Ratio Lower Upper

152 100

115 61.8 40.5 121.5

150 156.7 0.0 347.0

