

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030332.D
 Acq On : 01 Aug 2022 19:01
 Operator : JC/MD
 Sample : N3964-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-WATER-2

Quant Time: Aug 02 01:56:33 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)

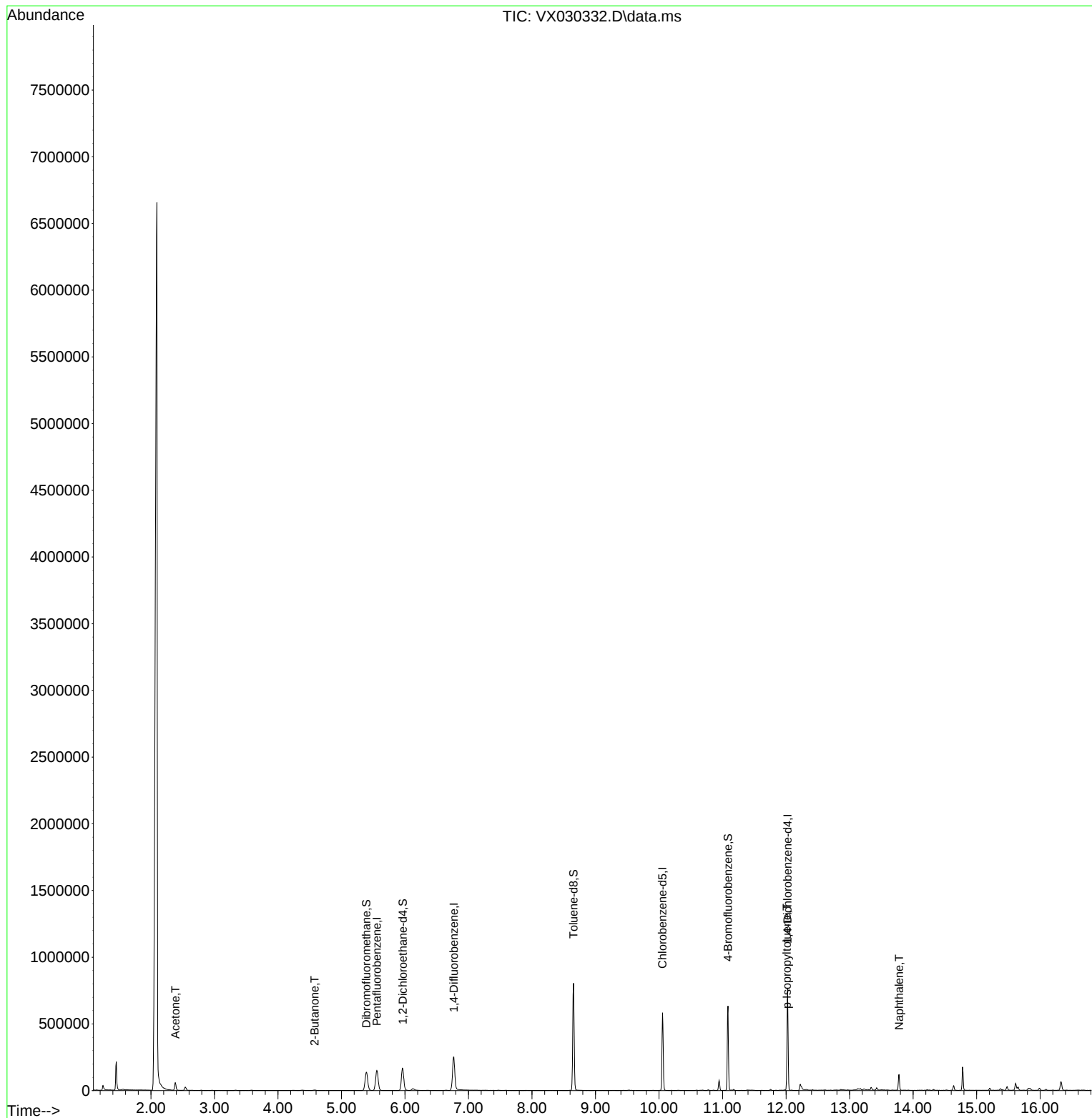
Internal Standards						
1) Pentafluorobenzene	5.556	168	140872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	156494	55.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.540%
35) Dibromofluoromethane	5.391	113	126465	52.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	8.653	98	468672	49.997	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.085	95	168202	48.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	58022	40.026	ug/l	95
25) 2-Butanone	4.574	43	6518	2.676	ug/l #	88
86) p-Isopropyltoluene	12.012	119	5844	0.606	ug/l	85
95) Naphthalene	13.780	128	75010	6.519	ug/l	100

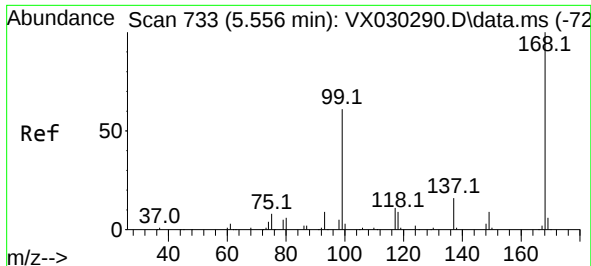
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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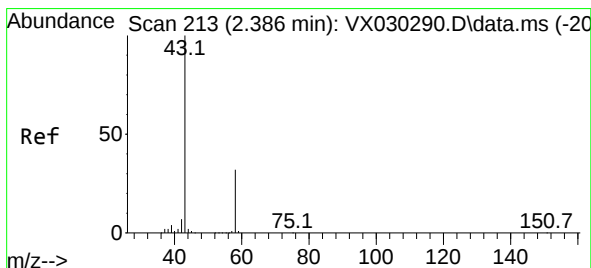
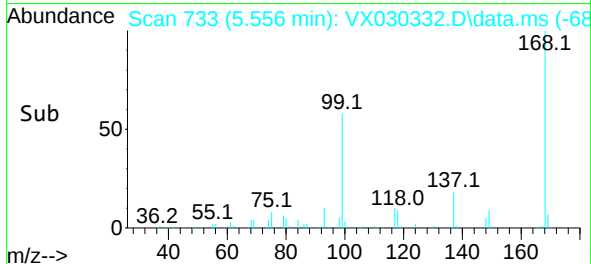
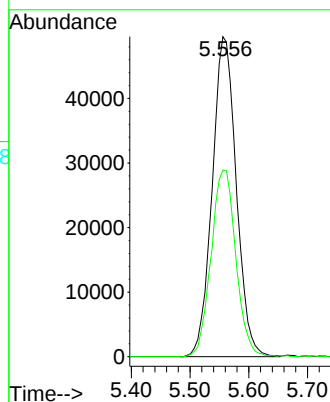
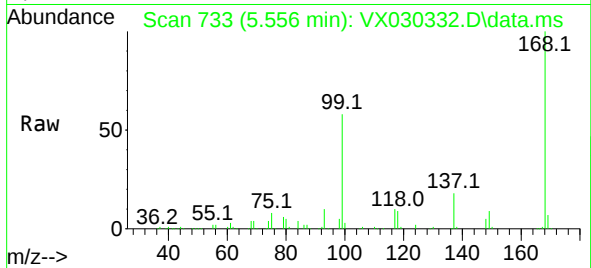




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

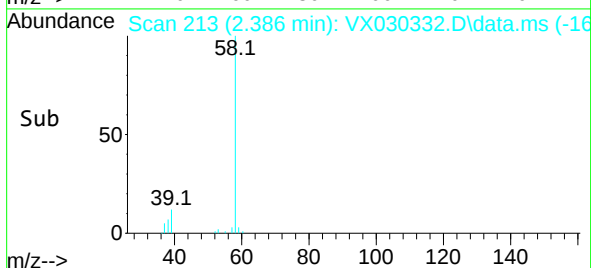
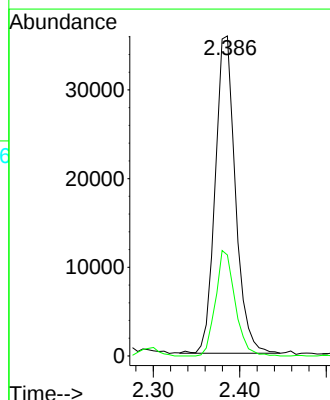
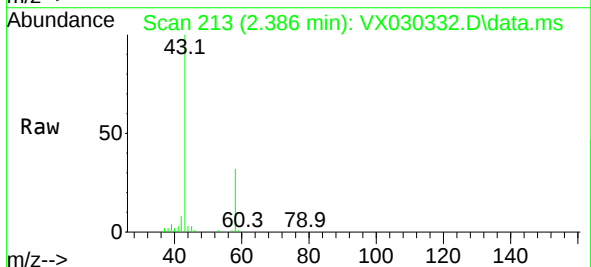
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

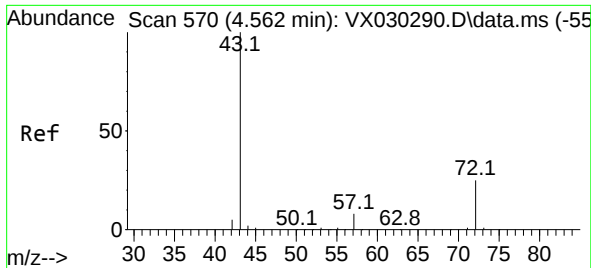
Tgt Ion:168 Resp: 140872
Ion Ratio Lower Upper
168 100
99 58.3 44.0 66.0



#16
Acetone
Concen: 40.026 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Tgt Ion: 43 Resp: 58022
Ion Ratio Lower Upper
43 100
58 31.8 27.7 41.5

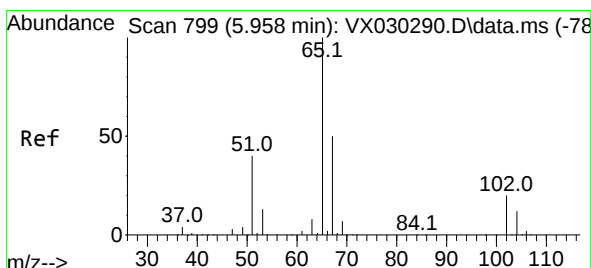
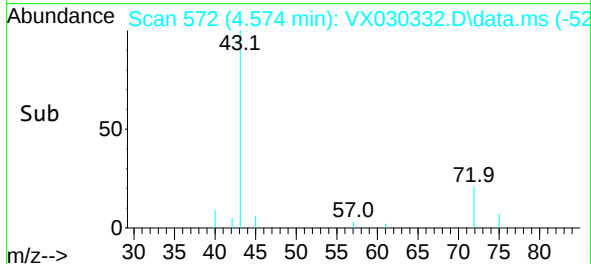
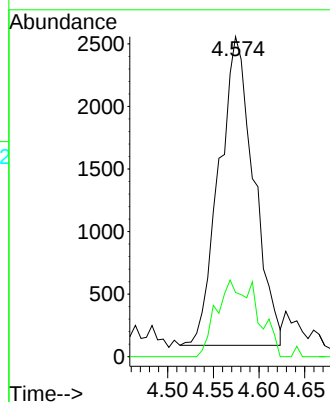
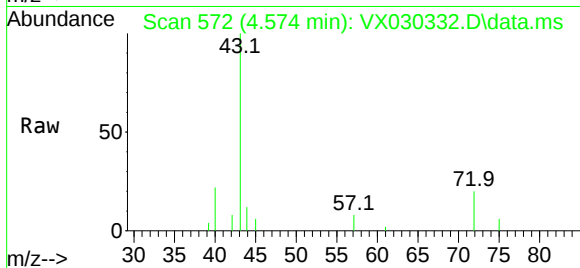




#25
2-Butanone
Concen: 2.676 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

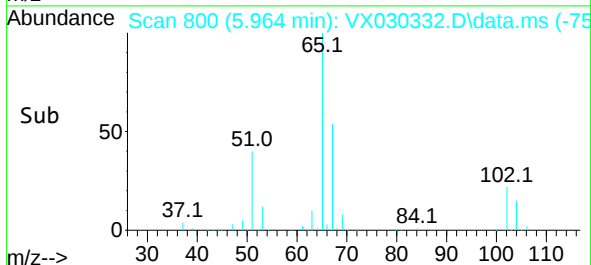
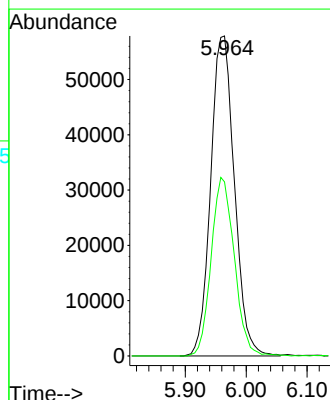
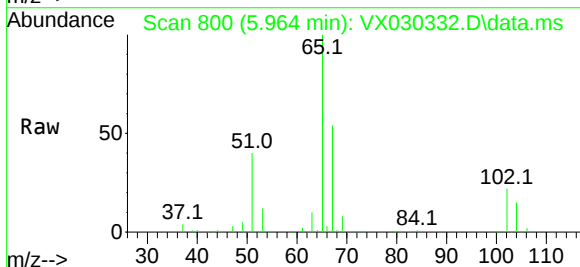
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

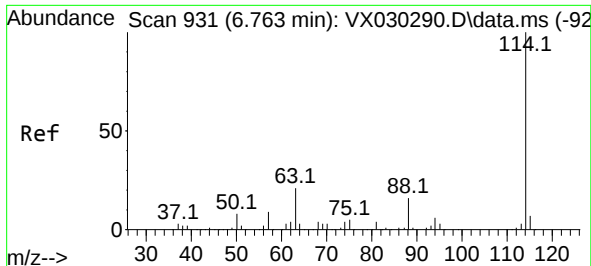
Tgt Ion: 43 Resp: 6518
Ion Ratio Lower Upper
43 100
72 20.8 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 55.270 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Tgt Ion: 65 Resp: 156494
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

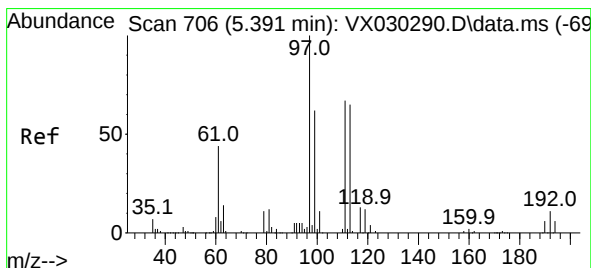
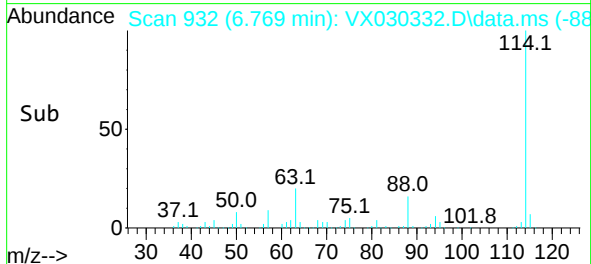
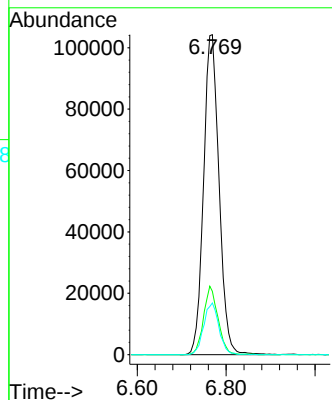
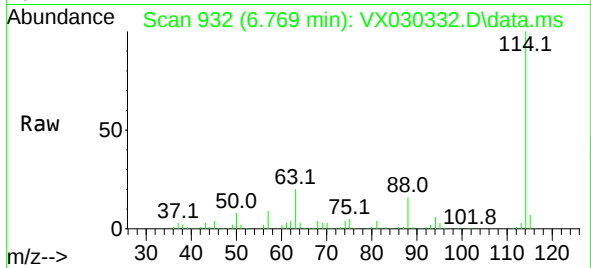




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

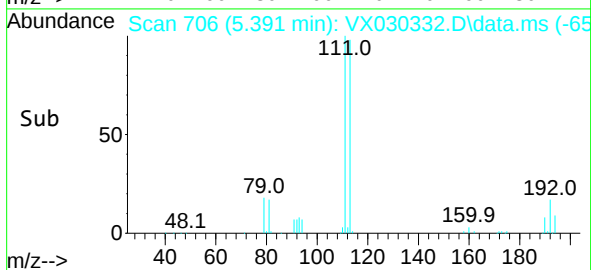
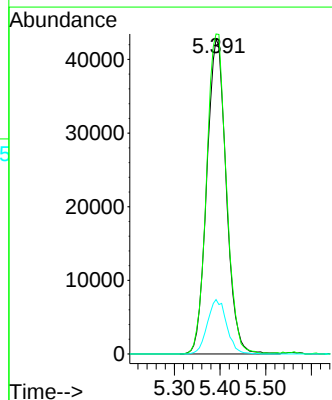
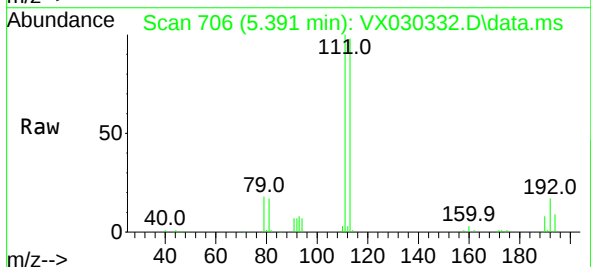
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

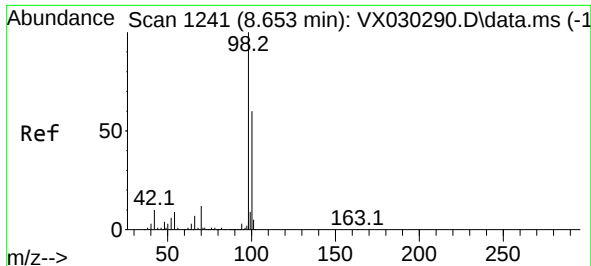
Tgt Ion:114 Resp: 253213
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Tgt Ion:113 Resp: 126465
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 17.1 14.8 22.2

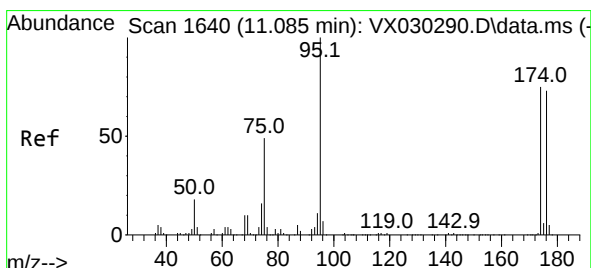
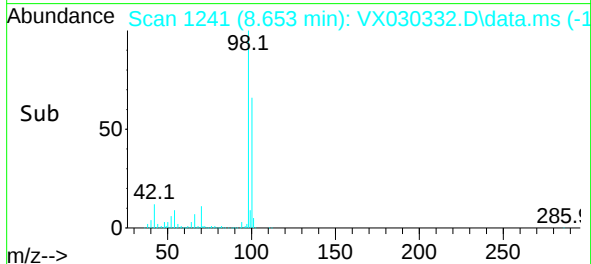
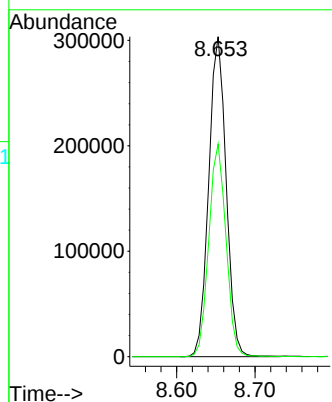
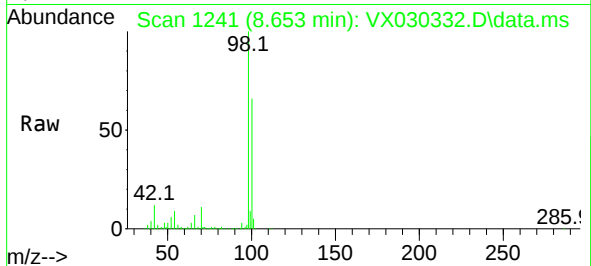




#50
Toluene-d8
Concen: 49.997 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

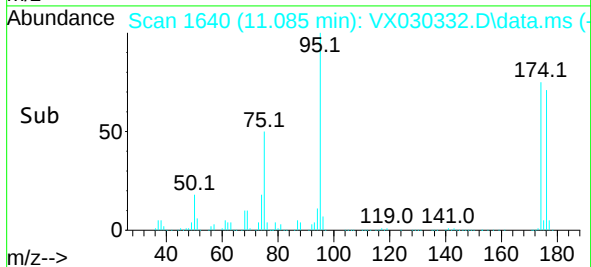
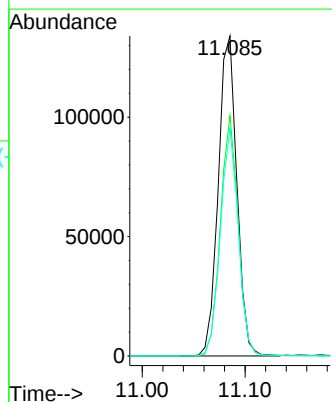
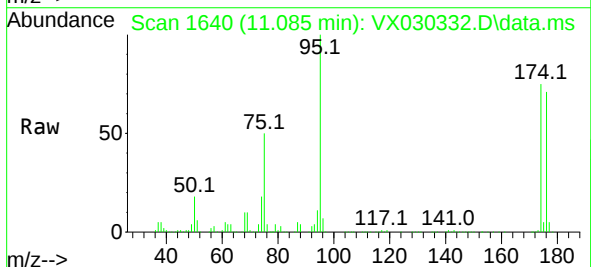
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

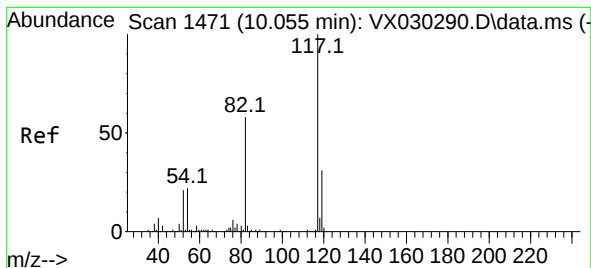
Tgt Ion: 98 Resp: 468672
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Tgt Ion: 95 Resp: 168202
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.0
176 68.4 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: VX030332.D

Acq: 01 Aug 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

HMGP-WATER-2

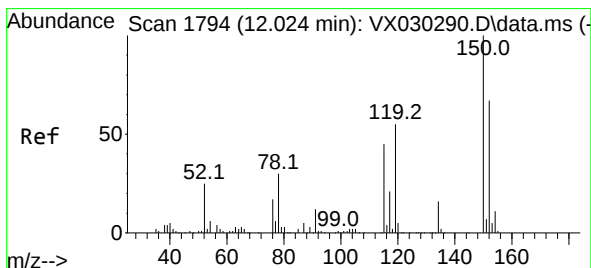
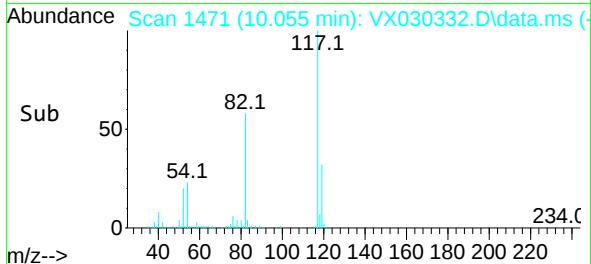
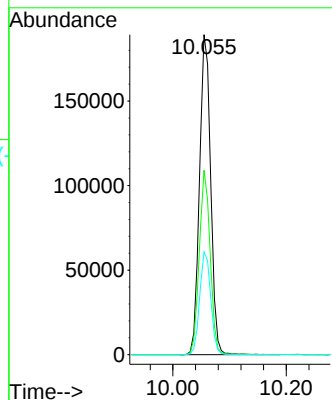
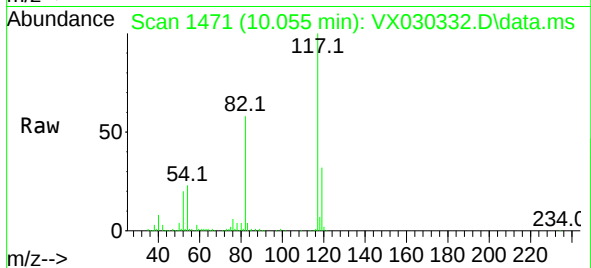
Tgt Ion:117 Resp: 257842

Ion Ratio Lower Upper

117 100

82 57.6 42.7 64.1

119 32.1 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: VX030332.D

Acq: 01 Aug 2022 19:01

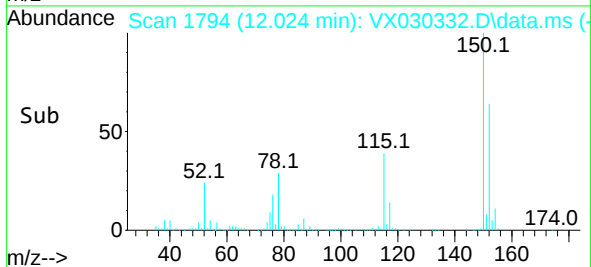
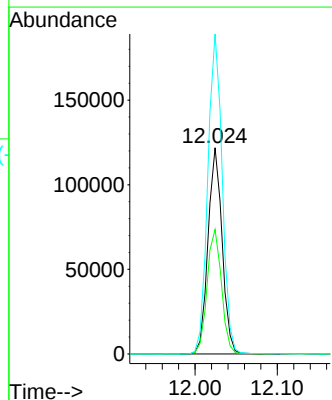
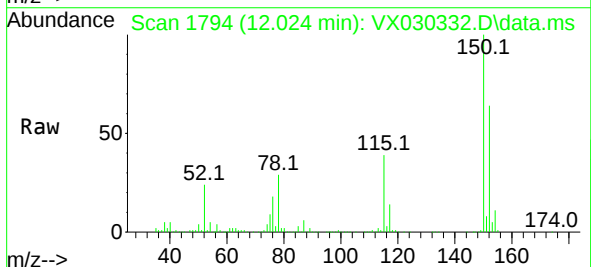
Tgt Ion:152 Resp: 145233

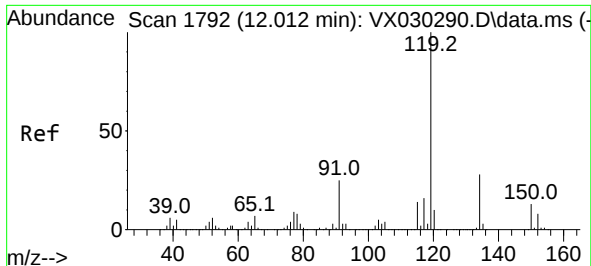
Ion Ratio Lower Upper

152 100

115 61.7 40.5 121.5

150 158.3 0.0 347.0

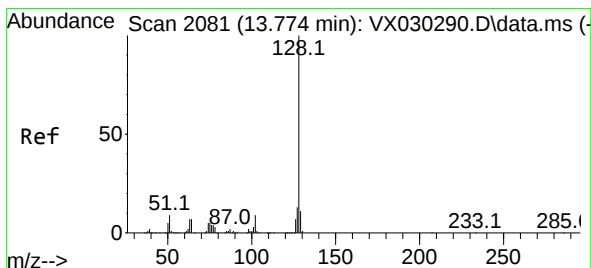
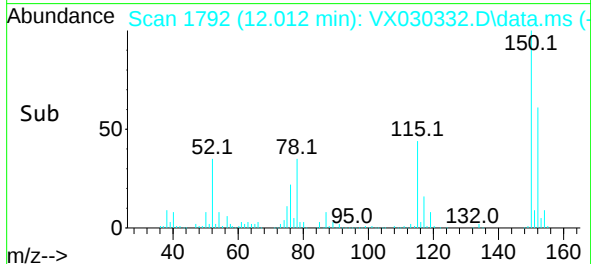
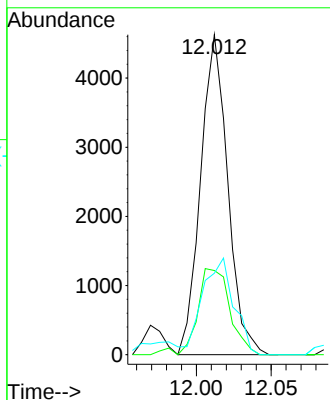
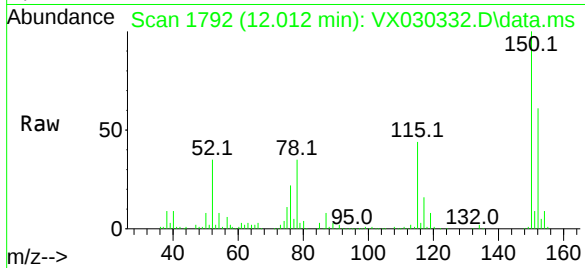




#86
p-Isopropyltoluene
Concen: 0.606 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Instrument :
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ClientSampleId :
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Tgt Ion:119 Resp: 5844
Ion Ratio Lower Upper
119 100
134 32.1 13.9 41.6
91 35.1 11.8 35.3



#95
Naphthalene
Concen: 6.519 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030332.D
Acq: 01 Aug 2022 19:01

Tgt Ion:128 Resp: 75010
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.6 13.0

