

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030323.D
 Acq On : 01 Aug 2022 15:31
 Operator : JC/MD
 Sample : N3964-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-WATER-2

Quant Time: Aug 02 01:53:41 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)

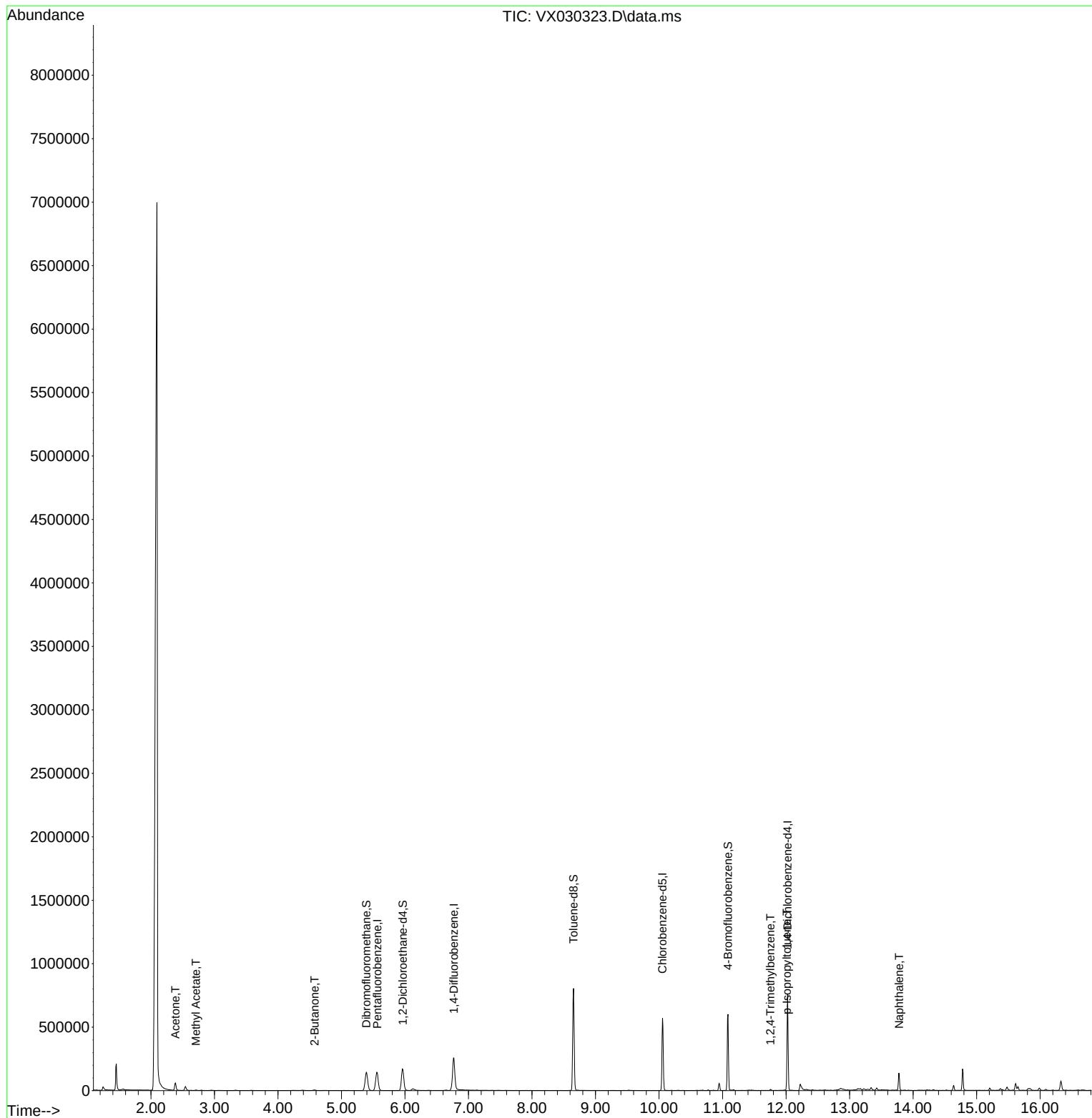
Internal Standards						
1) Pentafluorobenzene	5.562	168	136427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161652	58.952	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.900%	
35) Dibromofluoromethane	5.391	113	128959	52.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	8.653	98	479878	50.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.085	95	166180	47.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	59060	42.069	ug/l	95
18) Methyl Acetate	2.709	43	4491	1.082	ug/l	96
25) 2-Butanone	4.574	43	7530	3.192	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	3224	0.348	ug/l	83
86) p-Isopropyltoluene	12.012	119	5637	0.598	ug/l	89
95) Naphthalene	13.780	128	85295	7.583	ug/l	99

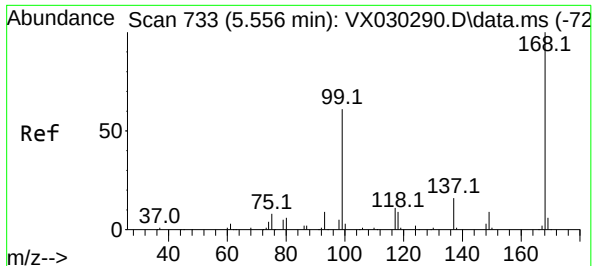
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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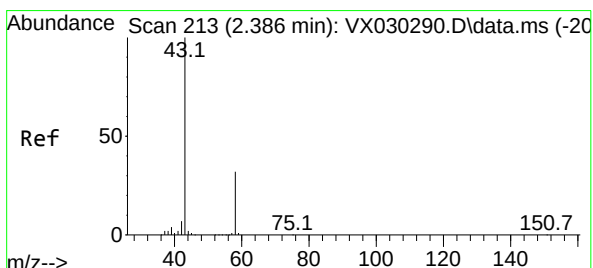
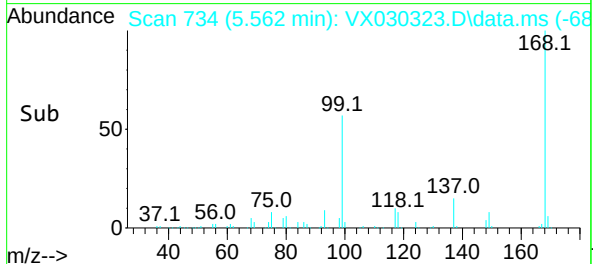
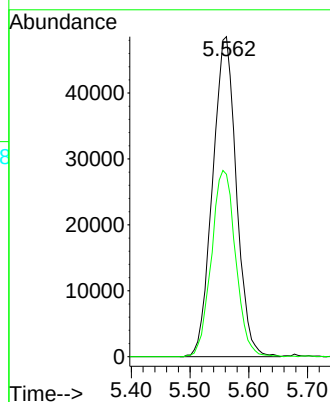
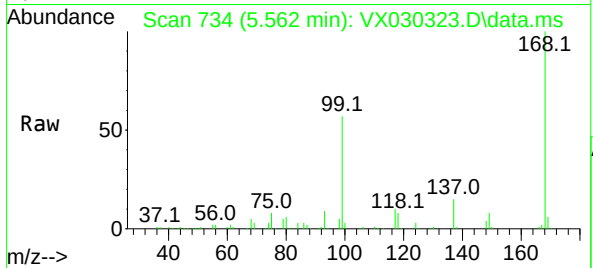




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

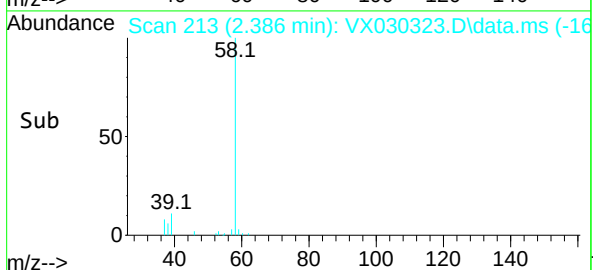
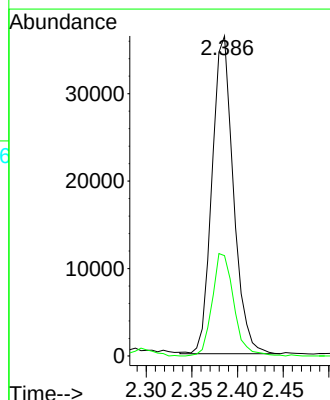
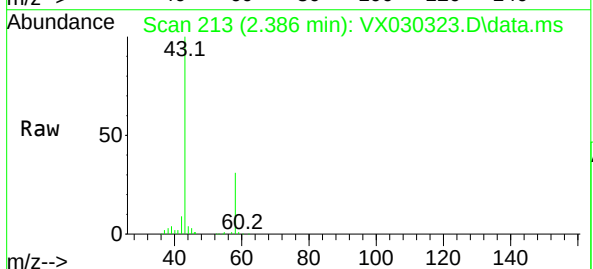
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

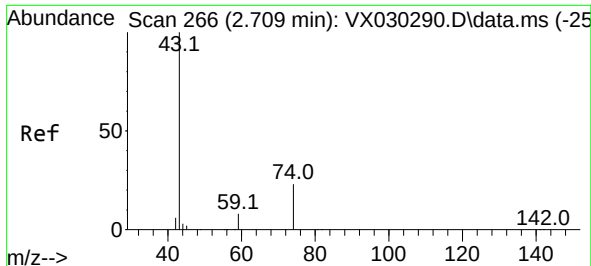
Tgt Ion:168 Resp: 136427
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#16
Acetone
Concen: 42.069 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

Tgt Ion: 43 Resp: 59060
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5

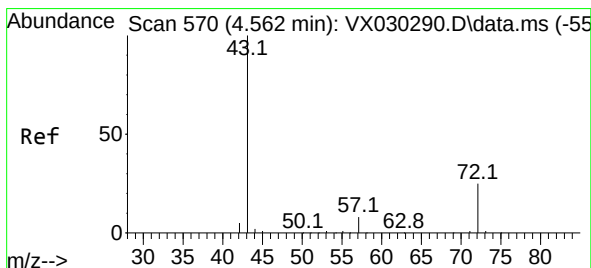
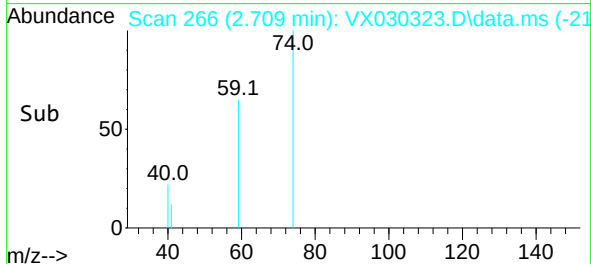
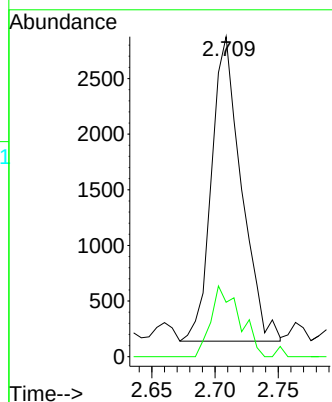
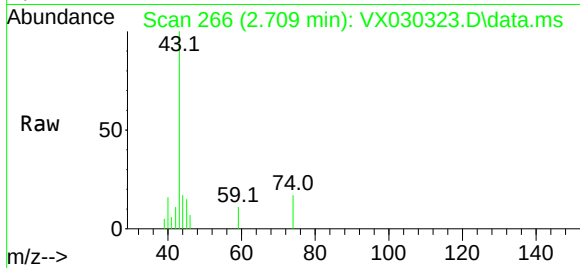




#18
Methyl Acetate
Concen: 1.082 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.001 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

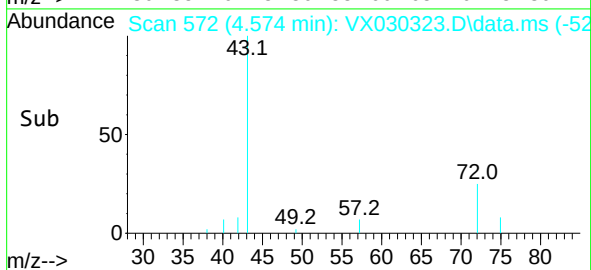
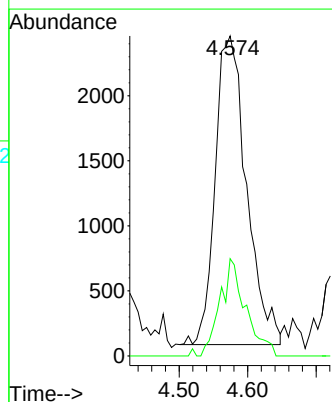
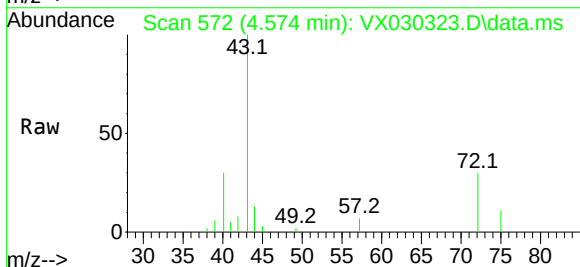
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-2

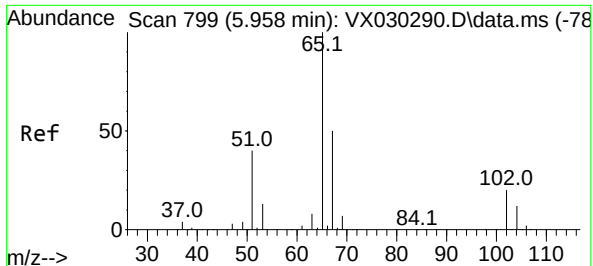
Tgt Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2



#25
2-Butanone
Concen: 3.192 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

Tgt Ion: 43 Resp: 7530
Ion Ratio Lower Upper
43 100
72 31.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 58.952 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030323.D

Acq: 01 Aug 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

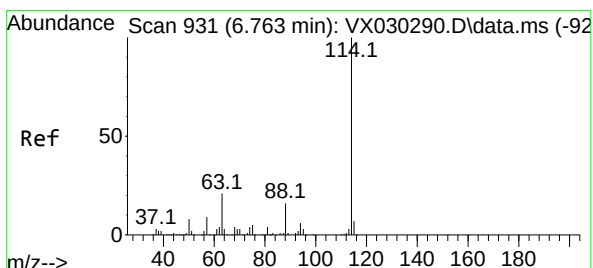
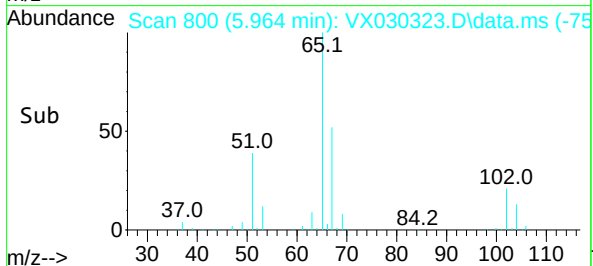
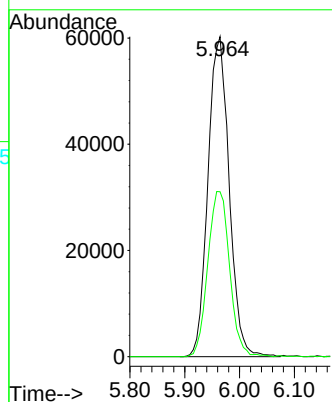
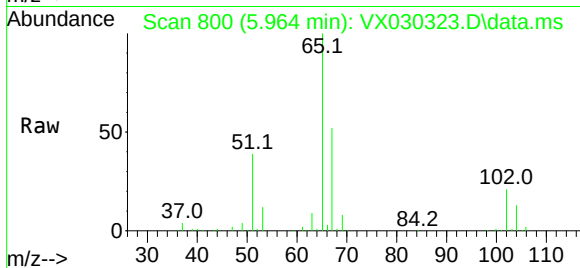
HMGP-WATER-2

Tgt Ion: 65 Resp: 161652

Ion Ratio Lower Upper

65 100

67 53.1 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: VX030323.D

Acq: 01 Aug 2022 15:31

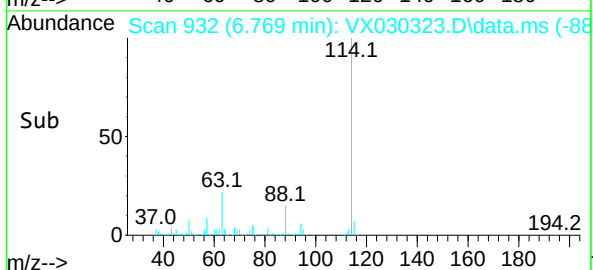
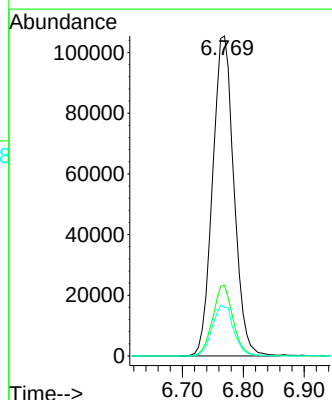
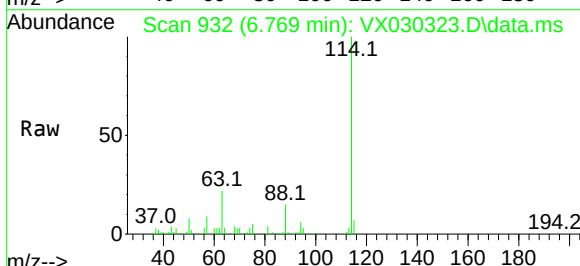
Tgt Ion: 114 Resp: 256076

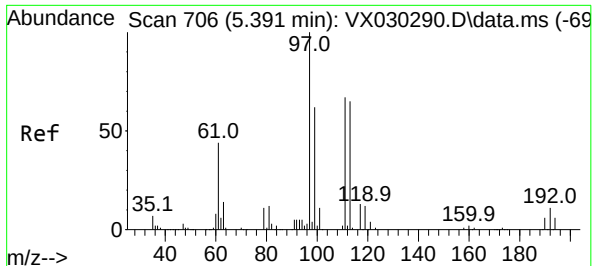
Ion Ratio Lower Upper

114 100

63 22.1 0.0 38.4

88 15.2 0.0 31.8

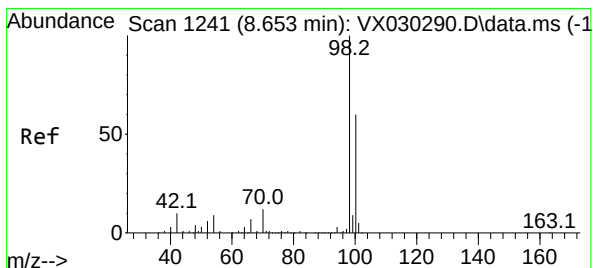
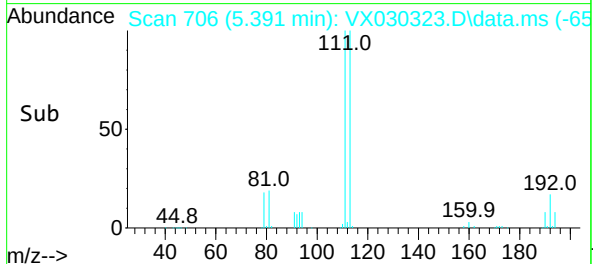
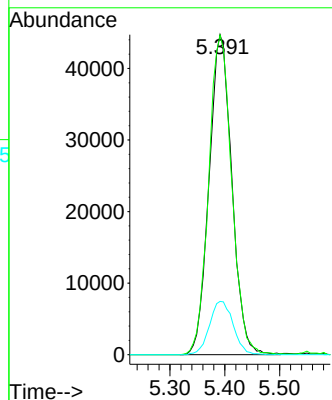
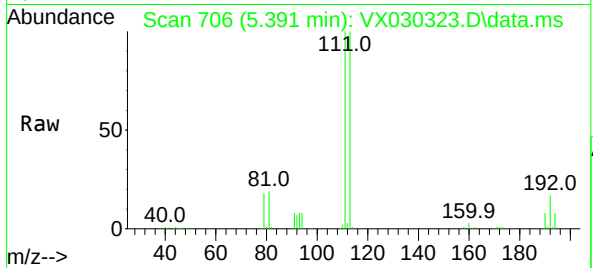




#35
Dibromofluoromethane
Concen: 52.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

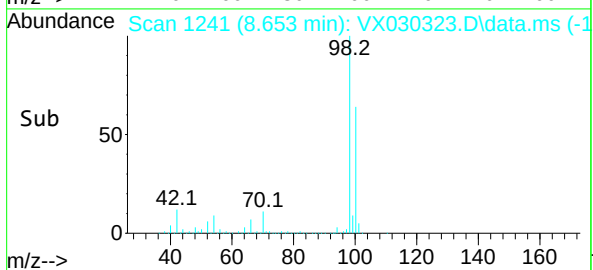
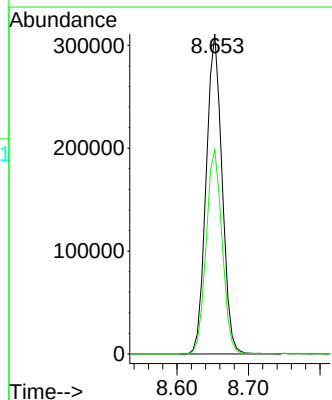
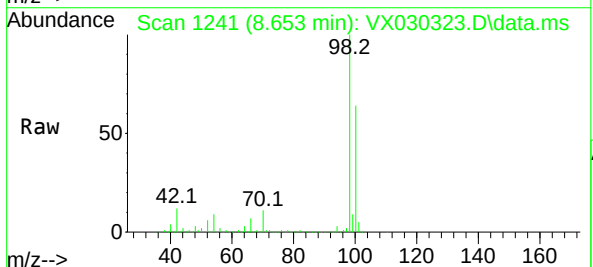
Instrument :
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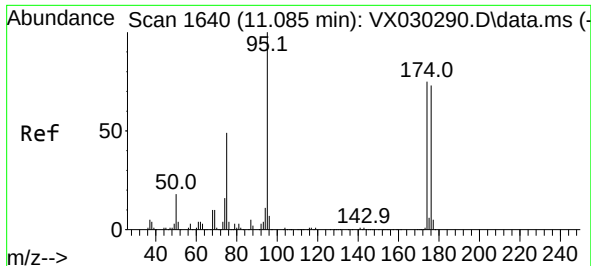
Tgt Ion:113 Resp: 128959
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 17.3 14.8 22.2



#50
Toluene-d8
Concen: 50.620 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

Tgt Ion: 98 Resp: 479878
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

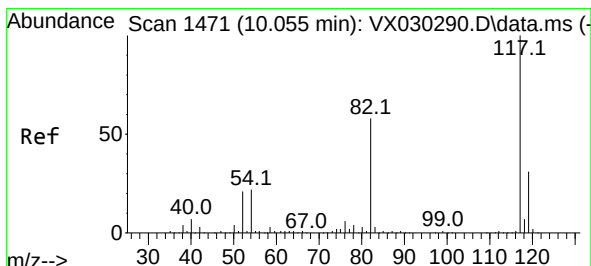
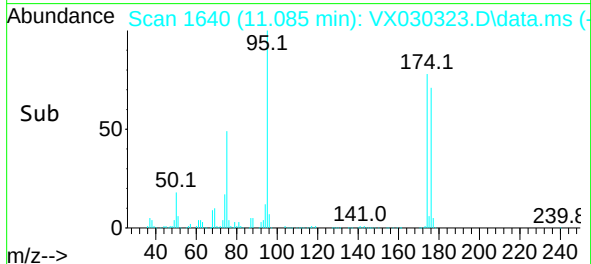
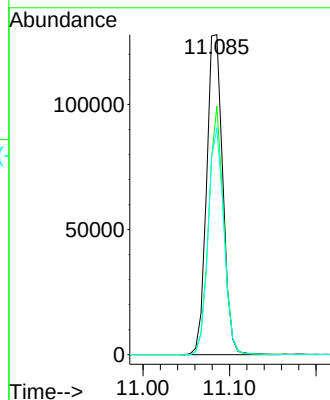
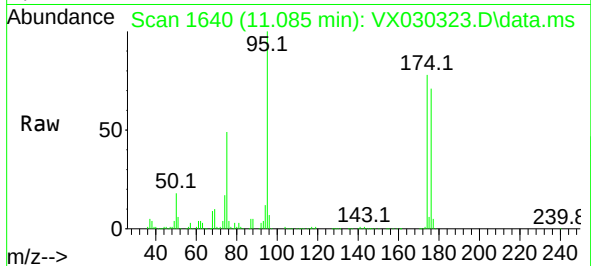




#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

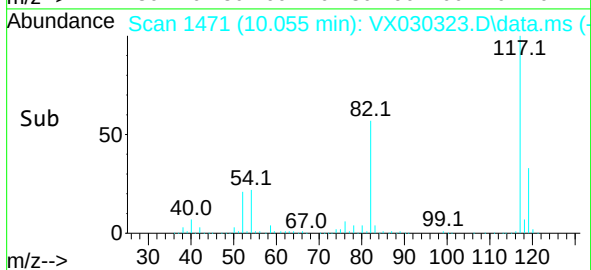
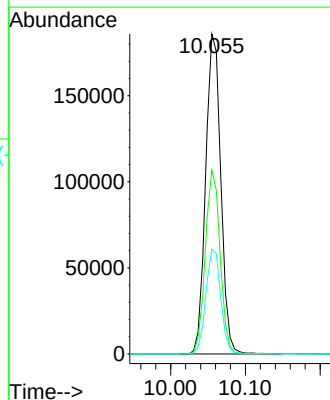
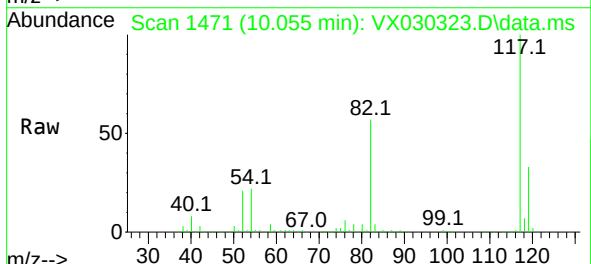
Instrument :
MSVOA_X
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HMGP-WATER-2

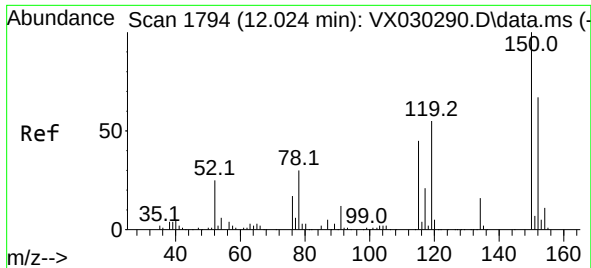
Tgt Ion: 95 Resp: 166180
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.0
176 68.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030323.D
Acq: 01 Aug 2022 15:31

Tgt Ion: 117 Resp: 261519
Ion Ratio Lower Upper
117 100
82 57.4 42.7 64.1
119 32.8 25.4 38.2

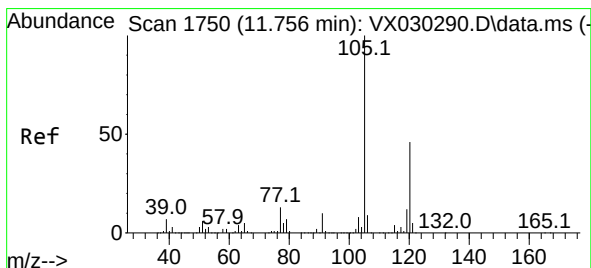
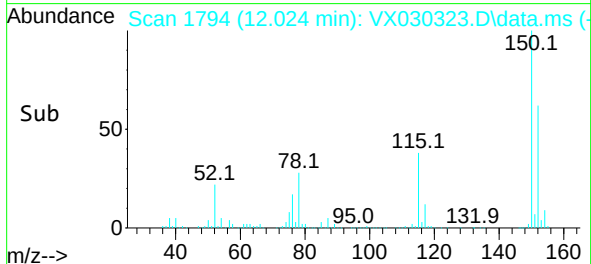
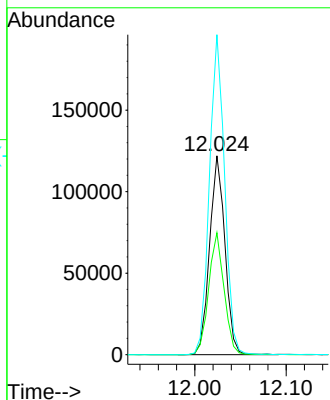
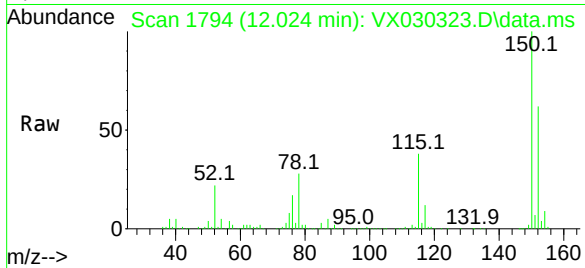




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX030323.D
 Acq: 01 Aug 2022 15:31

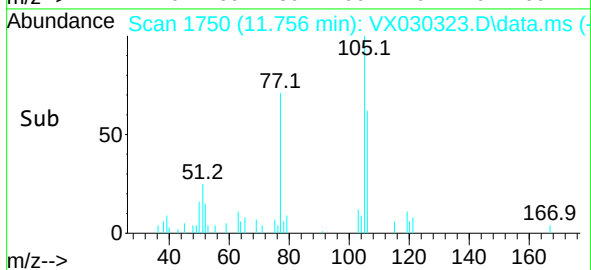
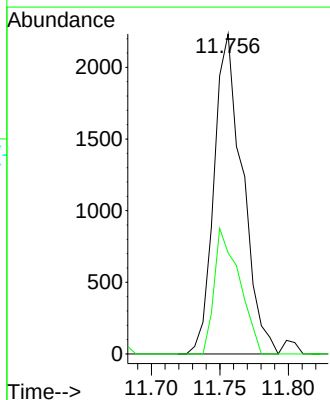
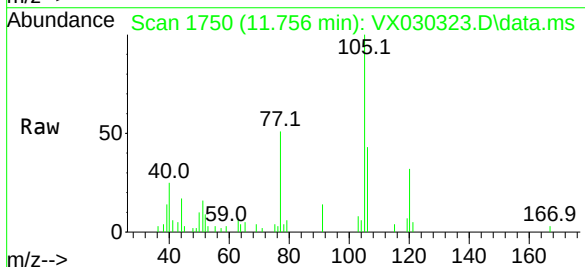
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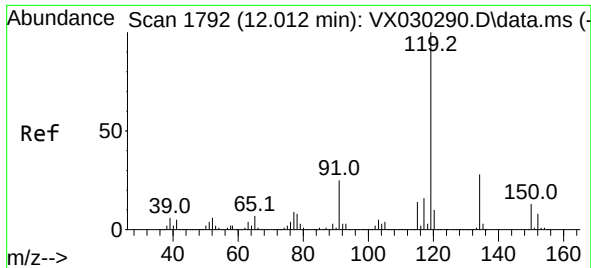
Tgt Ion:152 Resp: 141965
 Ion Ratio Lower Upper
 152 100
 115 61.5 40.5 121.5
 150 159.0 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.348 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030323.D
 Acq: 01 Aug 2022 15:31

Tgt Ion:105 Resp: 3224
 Ion Ratio Lower Upper
 105 100
 120 34.5 22.9 68.8

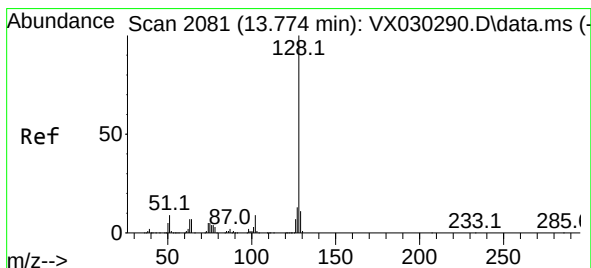
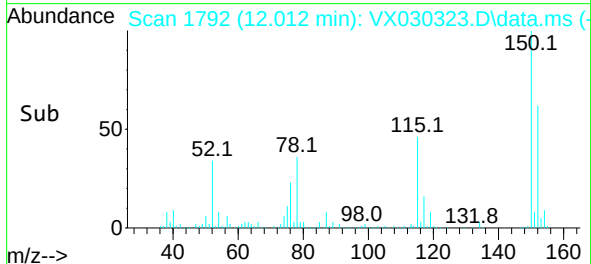
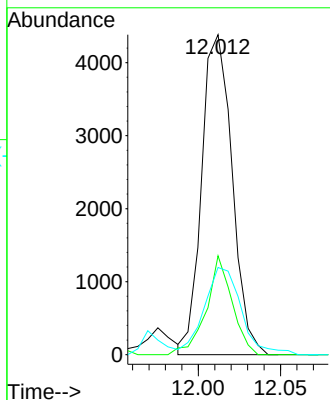
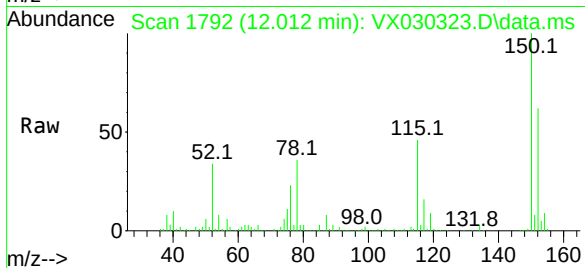




#86
 p-Isopropyltoluene
 Concen: 0.598 ug/l
 RT: 12.012 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VX030323.D
 Acq: 01 Aug 2022 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-WATER-2

Tgt Ion:	119	Resp:	5637
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.9	41.6
91	33.1	11.8	35.3



#95
 Naphthalene
 Concen: 7.583 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX030323.D
 Acq: 01 Aug 2022 15:31

Tgt Ion:	128	Resp:	85295
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.3	8.6	13.0

