

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030322.D
 Acq On : 01 Aug 2022 15:07
 Operator : JC/MD
 Sample : N3964-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-WATER-1

Quant Time: Aug 02 01:53:18 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	117223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153361	65.091	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	130.180%#	
35) Dibromofluoromethane	5.391	113	118430	54.397	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	108.800%	
50) Toluene-d8	8.653	98	393209	46.637	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	93.280%	
62) 4-Bromofluorobenzene	11.085	95	141435	45.200	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	90.400%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	754	0.396	ug/l	90
5) Bromomethane	1.605	94	532	Below Cal	#	55
6) Chloroethane	1.685	64	770	0.699	ug/l #	61
10) Methyl Iodide	2.459	142	581	1.833	ug/l #	63
11) Tert butyl alcohol	2.971	59	6090	10.596	ug/l #	74
13) Acrolein	2.233	56	150	1.062	ug/l #	14
14) Allyl chloride	2.703	41	20719	5.483	ug/l #	33
15) Acrylonitrile	3.111	53	6340	4.464	ug/l #	34
16) Acetone	2.386	43	23346	19.354	ug/l	90
17) Carbon Disulfide	2.508	76	6559	1.327	ug/l	99
18) Methyl Acetate	2.703	43	1632211	457.468	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	564974	90.070	ug/l	99
20) Methylene Chloride	2.788	84	1688	Below Cal	#	75
25) 2-Butanone	4.721	43	5060598	2496.536	ug/l #	48
27) cis-1,2-Dichloroethene	4.495	96	1526	0.642	ug/l #	20
31) Cyclohexane	5.483	56	923	0.270	ug/l #	71
36) 1,1-Dichloropropene	5.562	75	10014	3.196	ug/l #	44
37) Ethyl Acetate	4.721	43	5064628	1141.471	ug/l	99
38) Carbon Tetrachloride	5.556	117	12196	4.170	ug/l #	16
39) Methylcyclohexane	7.391	83	2071	0.512	ug/l #	75
40) Benzene	6.050	78	14244	1.445	ug/l	99
41) Methacrylonitrile	4.721	41	37875	15.925	ug/l #	27
44) Trichloroethene	7.135	130	3063	1.137	ug/l	81
49) 1,4-Dioxane	7.665	88	20	0.270	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	1099	0.249	ug/l	92
59) 2-Hexanone	9.445	43	866	0.249	ug/l	89
67) Ethyl Benzene	10.195	91	17376	Below Cal		99
68) m/p-Xylenes	10.305	106	26728	6.482	ug/l	98
69) o-Xylene	10.640	106	8784	2.162	ug/l	91
70) Styrene	10.659	104	2727	0.408	ug/l #	48
73) Isopropylbenzene	10.963	105	2606	0.265	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	68872	20.770	ug/l #	38
78) n-propylbenzene	11.305	91	5310	0.453	ug/l	97
79) 2-Chlorotoluene	11.384	91	2350	0.317	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	14173	1.724	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	68872	62.307	ug/l #	13

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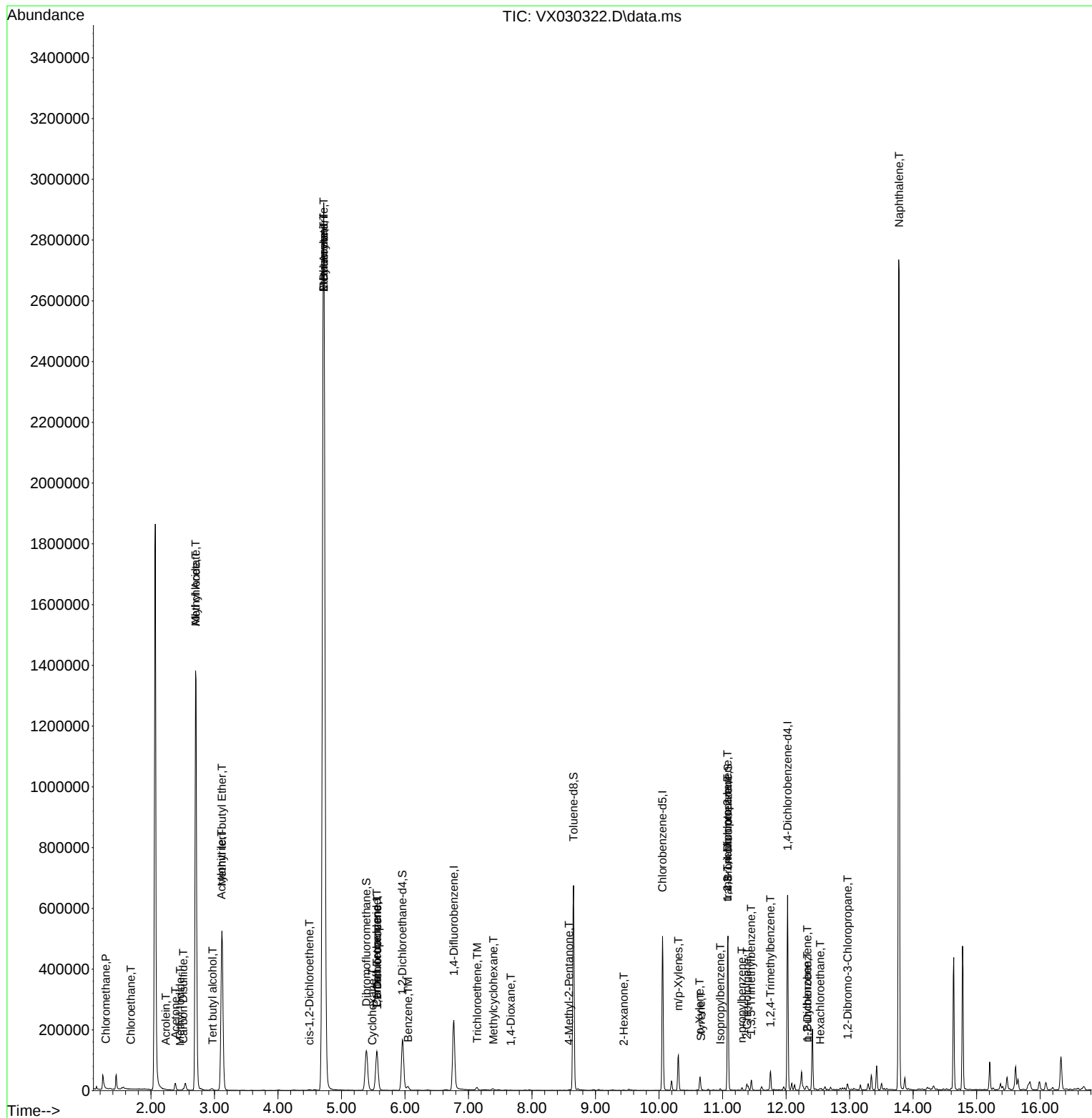
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.756	105	26729	3.258	ug/l	99
89) n-Butylbenzene	12.335	91	1684	0.217	ug/l #	24
90) Hexachloroethane	12.536	117	696	0.484	ug/l #	16
91) 1,2-Dichlorobenzene	12.335	146	2190	0.498	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.969	75	310	0.360	ug/l #	1
95) Naphthalene	13.780	128	1695614	170.121	ug/l	99

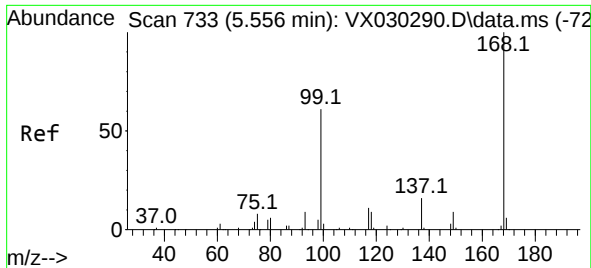
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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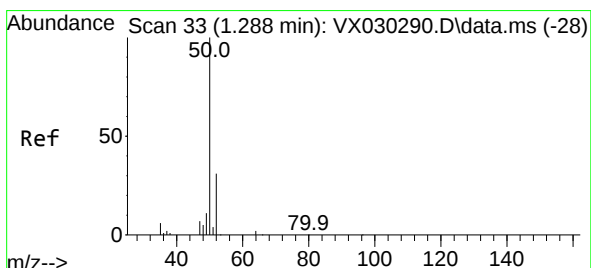
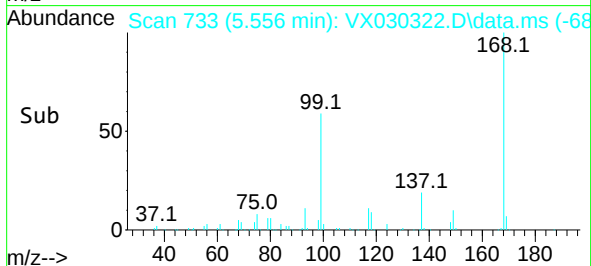
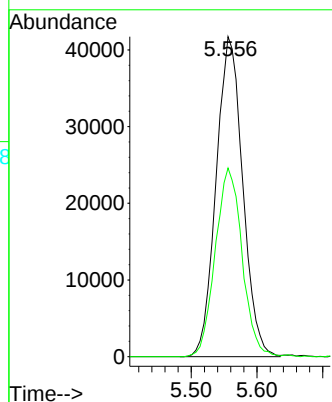
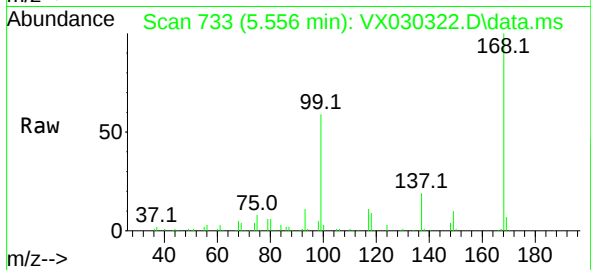




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

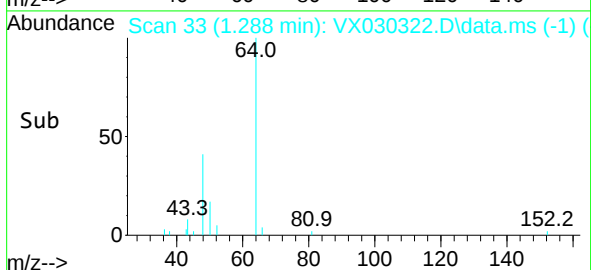
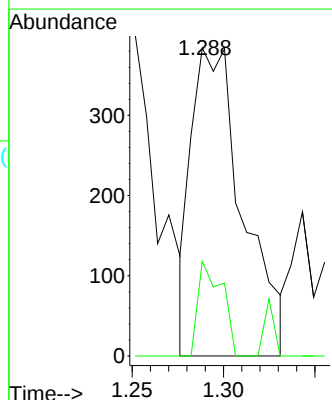
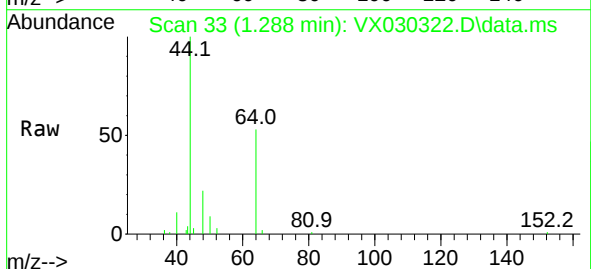
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

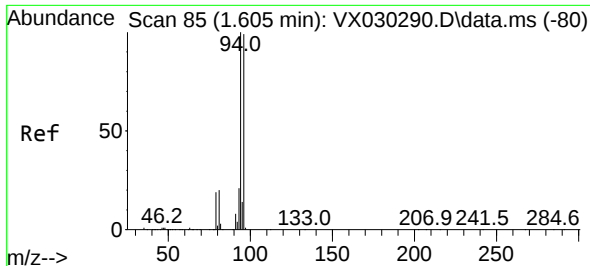
Tgt Ion:168 Resp: 117223
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#3
Chloromethane
Concen: 0.396 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 38.3 26.3 39.5

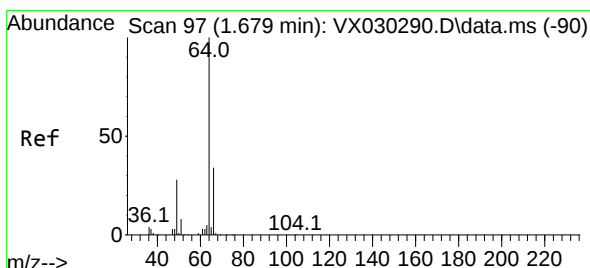
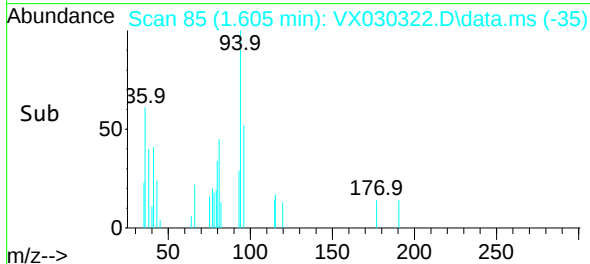
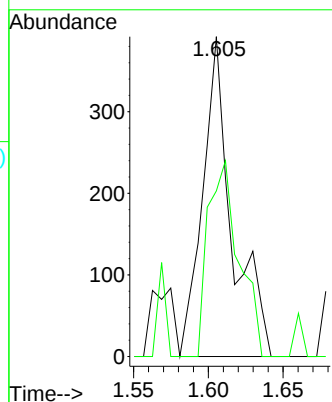
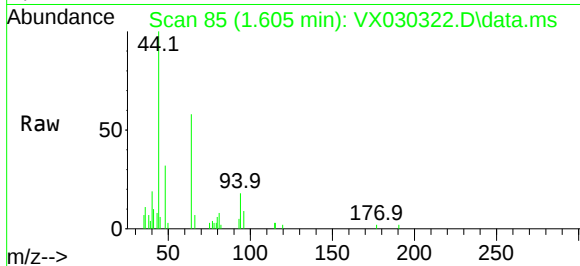




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

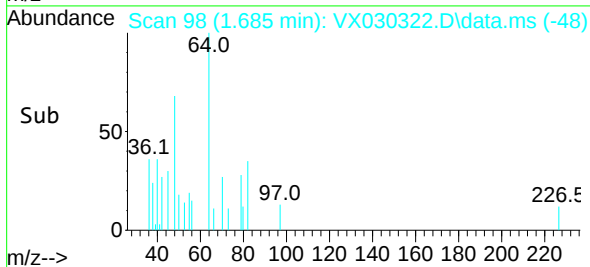
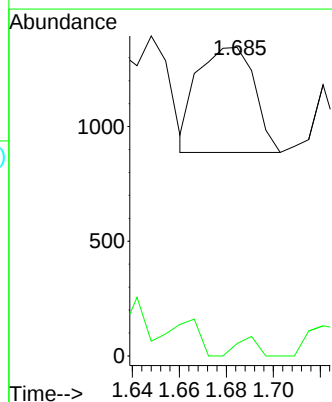
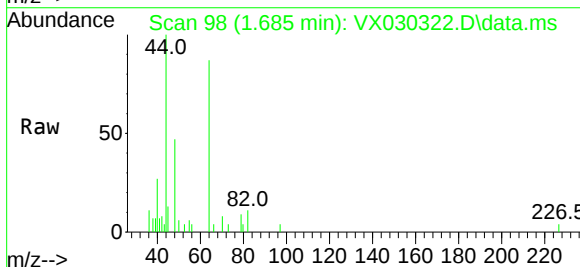
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

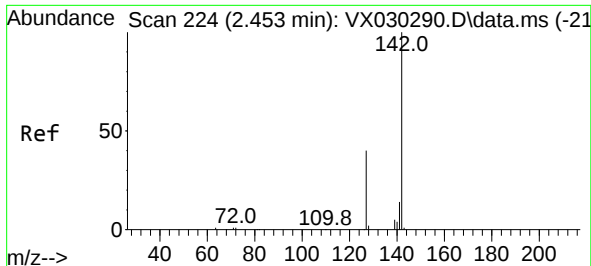
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 51.8 76.9 115.3#



#6
Chloroethane
Concen: 0.699 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 64 Resp: 770
Ion Ratio Lower Upper
64 100
66 11.8 27.2 40.8#

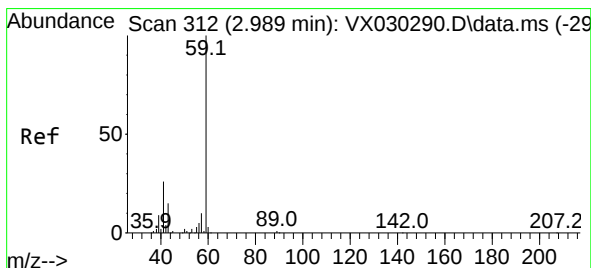
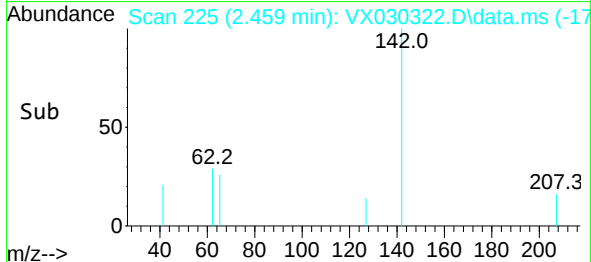
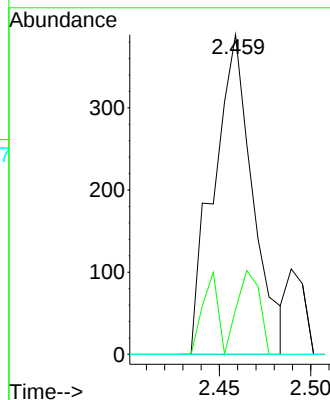
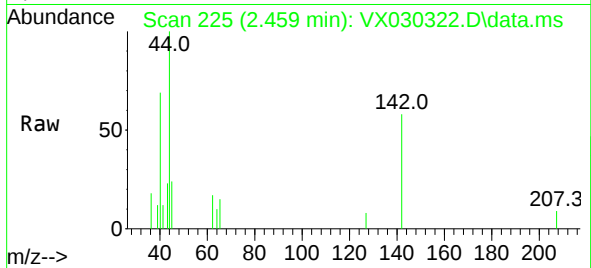




#10
Methyl Iodide
Concen: 1.833 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

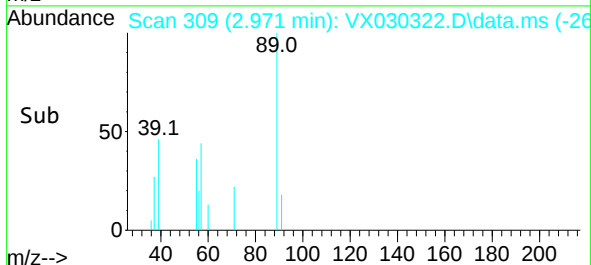
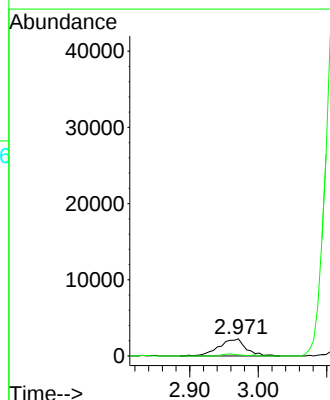
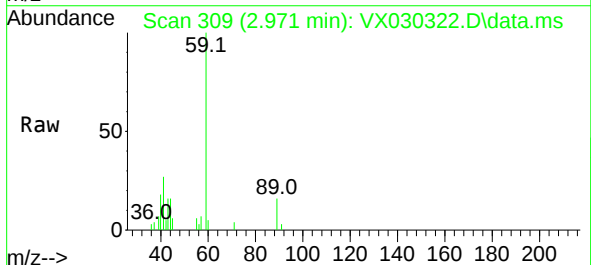
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

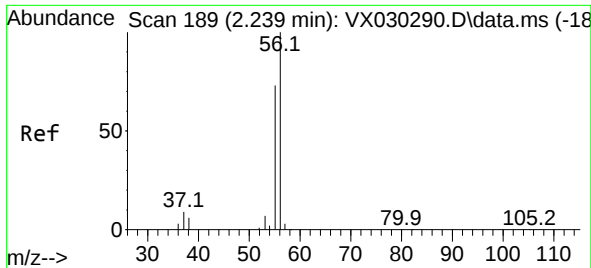
Tgt Ion:142 Resp: 581
Ion Ratio Lower Upper
142 100
127 15.1 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 10.596 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 59 Resp: 6090
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: 1.062 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

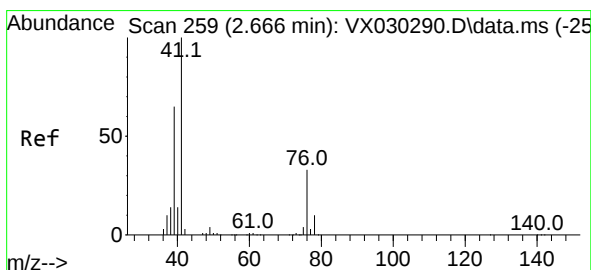
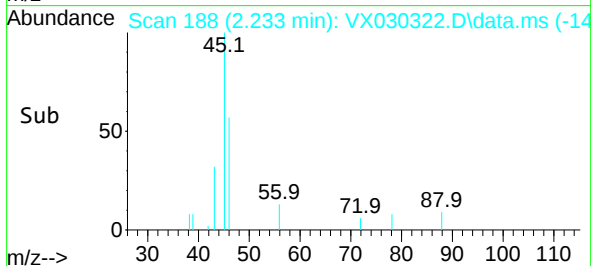
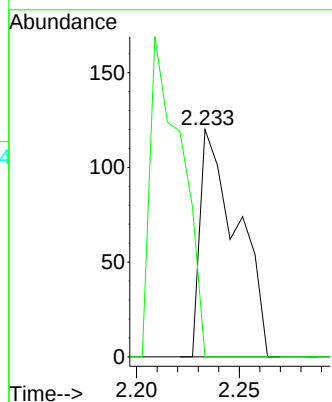
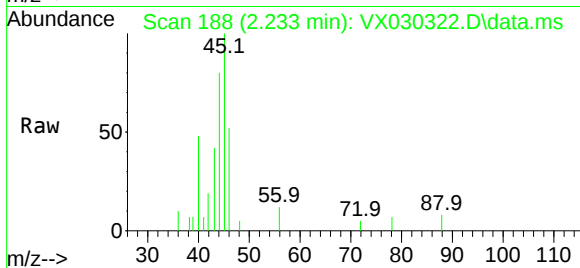
HMGP-WATER-1

Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#14

Allyl chloride

Concen: 5.483 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.037 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

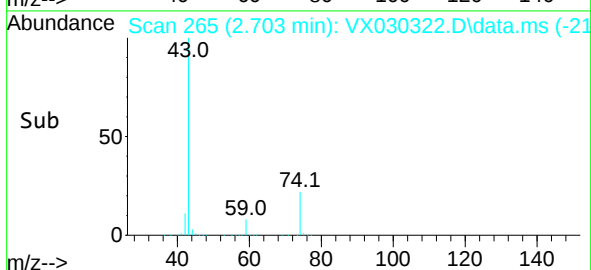
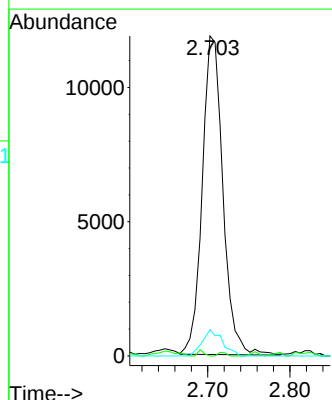
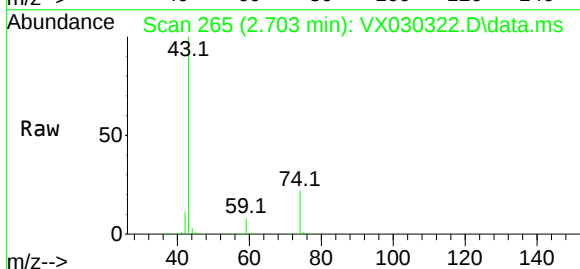
Tgt Ion: 41 Resp: 20719

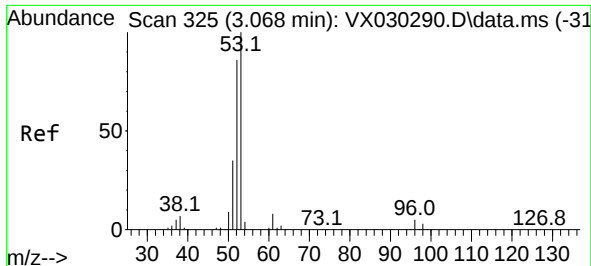
Ion Ratio Lower Upper

41 100

39 0.4 48.9 73.3#

76 8.0 26.9 40.3#





#15

Acrylonitrile

Concen: 4.464 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

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ClientSampleId :

HMGP-WATER-1

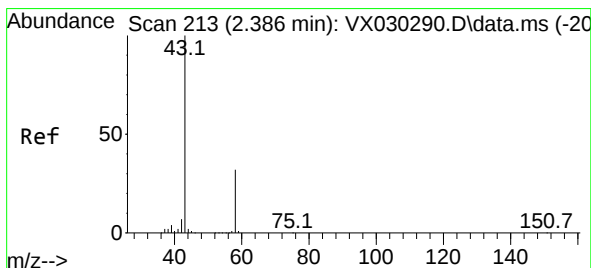
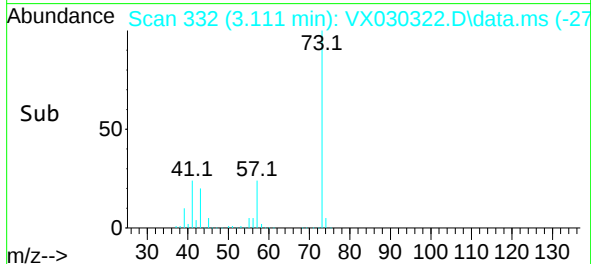
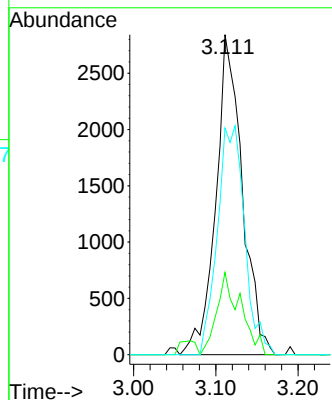
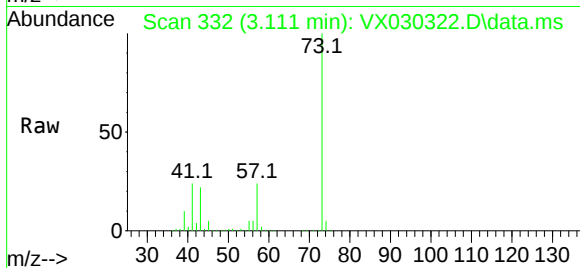
Tgt Ion: 53 Resp: 6340

Ion Ratio Lower Upper

53 100

52 23.2 65.4 98.0#

51 73.9 27.7 41.5#



#16

Acetone

Concen: 19.354 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.001 min

Lab File: VX030322.D

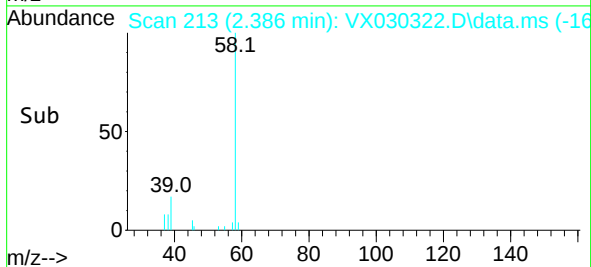
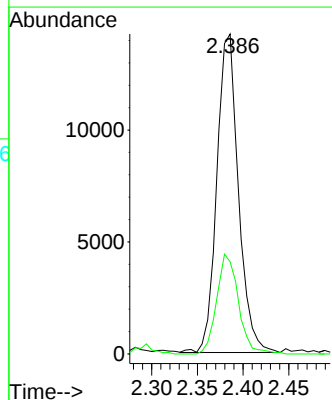
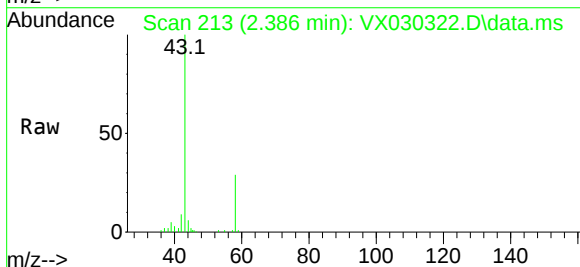
Acq: 01 Aug 2022 15:07

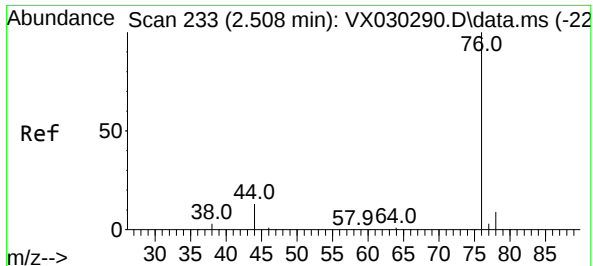
Tgt Ion: 43 Resp: 23346

Ion Ratio Lower Upper

43 100

58 28.9 27.7 41.5

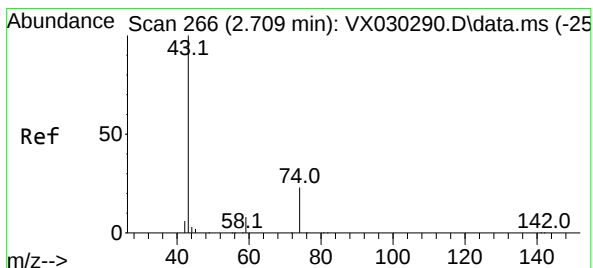
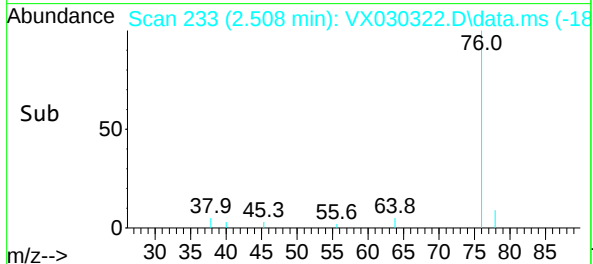
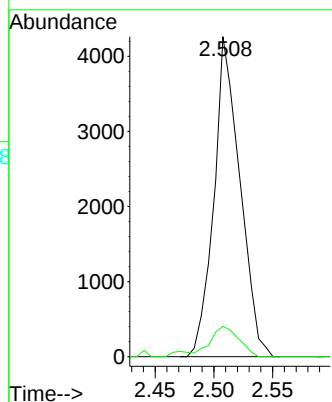
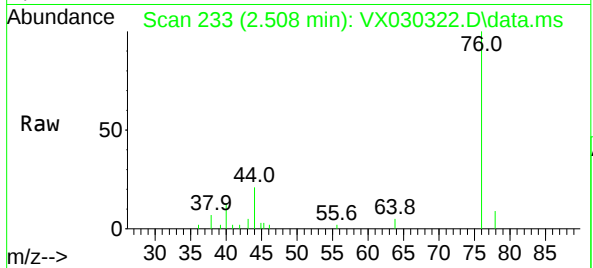




#17
Carbon Disulfide
Concen: 1.327 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

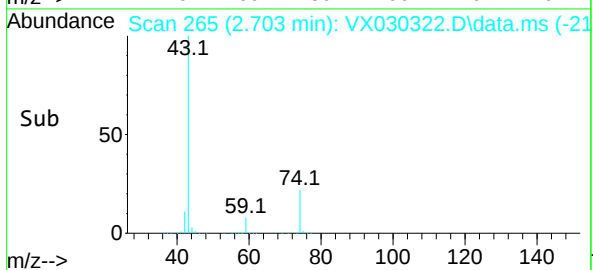
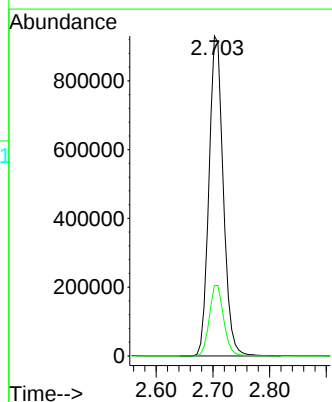
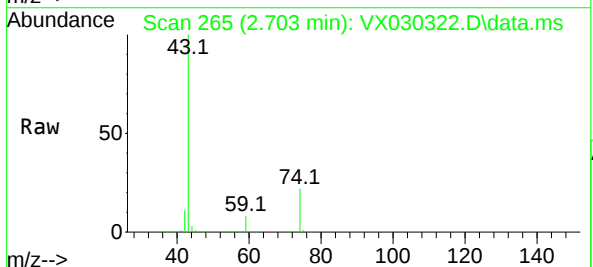
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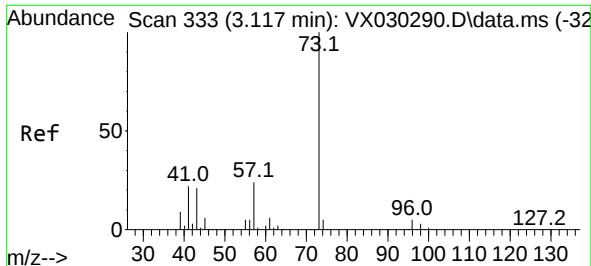
Tgt Ion: 76 Resp: 6559
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 457.468 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 43 Resp: 1632211
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

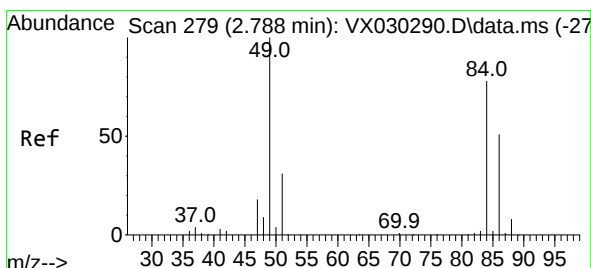
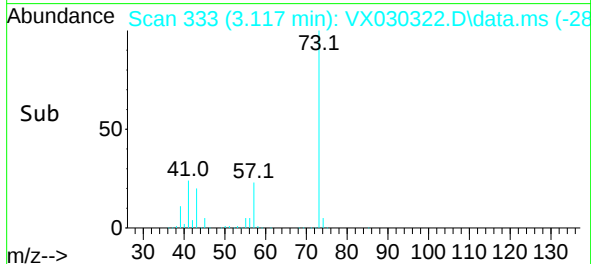
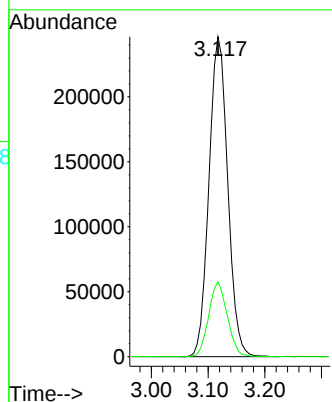
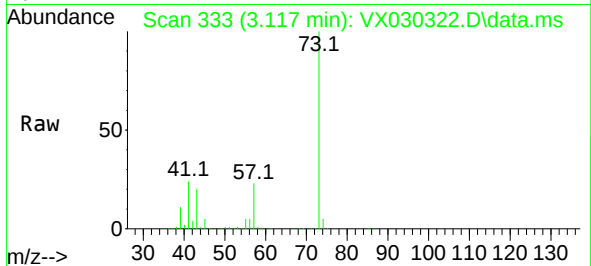




#19
Methyl tert-butyl Ether
Concen: 90.070 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

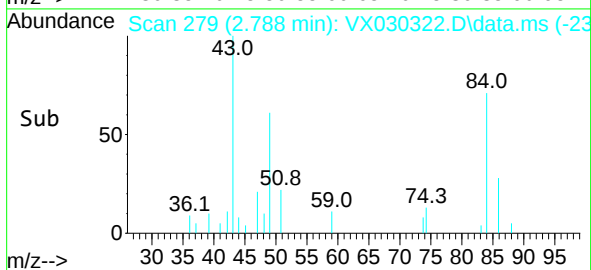
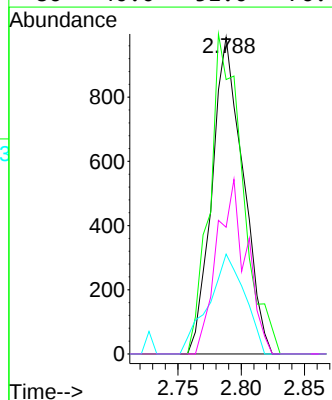
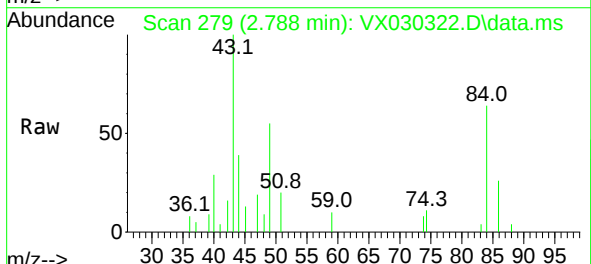
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

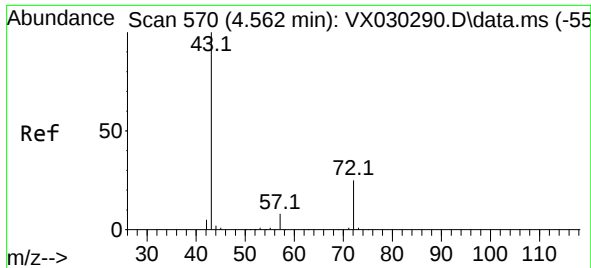
Tgt Ion: 73 Resp: 564974
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 84 Resp: 1688
Ion Ratio Lower Upper
84 100
49 86.6 93.8 140.6#
51 31.5 29.4 44.0
86 40.0 51.0 76.4#

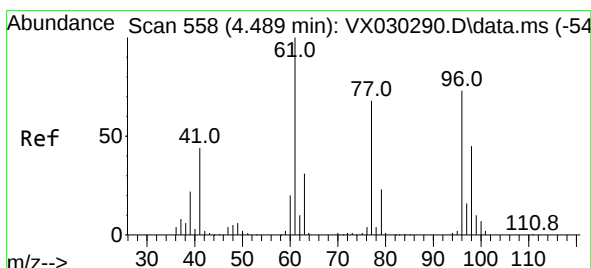
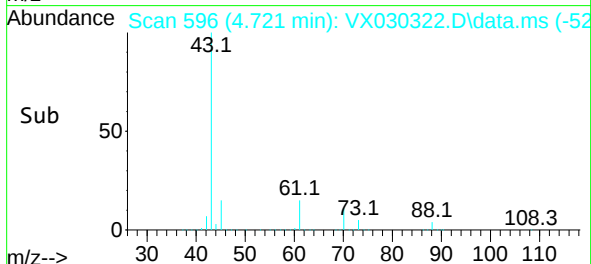
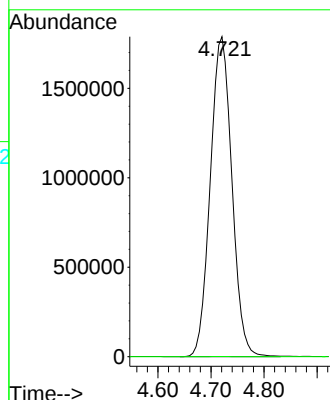
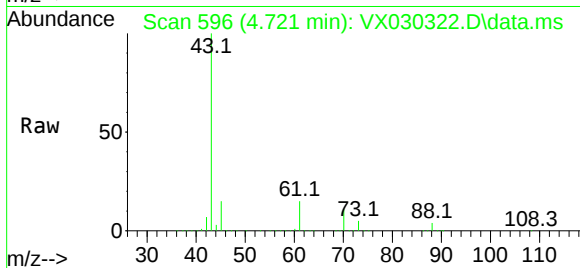




#25
2-Butanone
Concen: 2496.536 ug/l
RT: 4.721 min Scan# 51
Delta R.T. 0.153 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

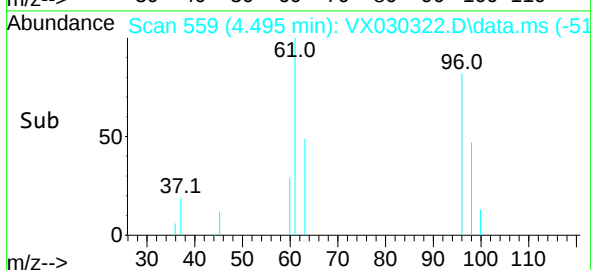
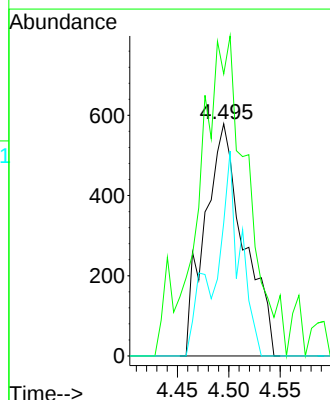
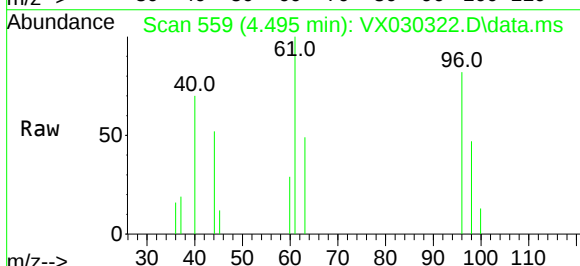
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

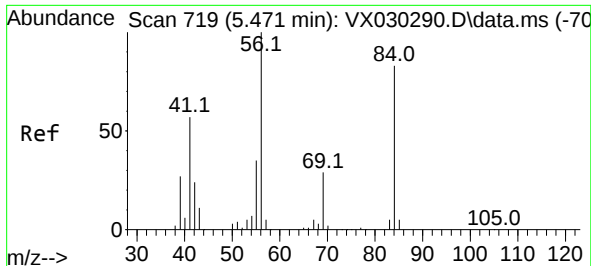
Tgt Ion: 43 Resp: 5060598
Ion Ratio Lower Upper
43 100
72 0.1 21.7 32.5#



#27
cis-1,2-Dichloroethene
Concen: 0.642 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 96 Resp: 1526
Ion Ratio Lower Upper
96 100
61 0.0 0.0 270.0
98 57.3 0.0 127.8

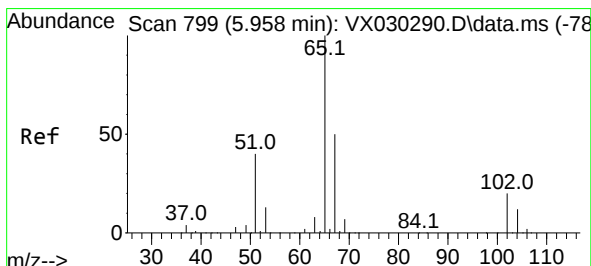
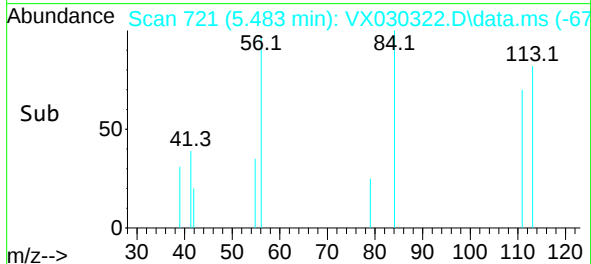
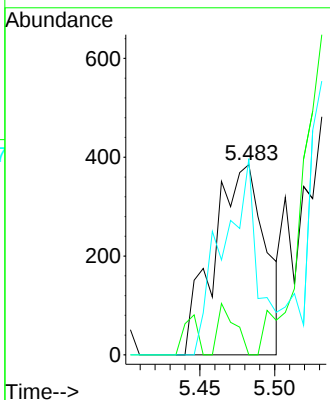
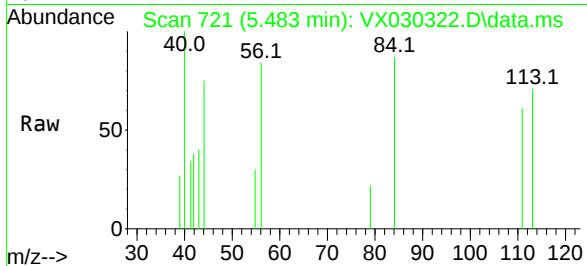




#31
Cyclohexane
Concen: 0.270 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

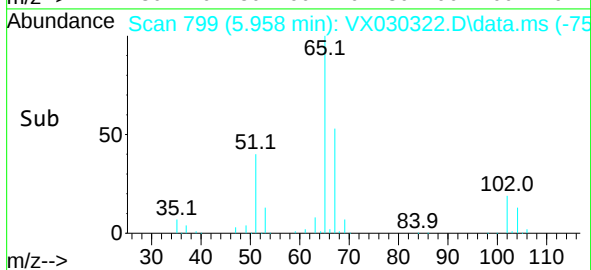
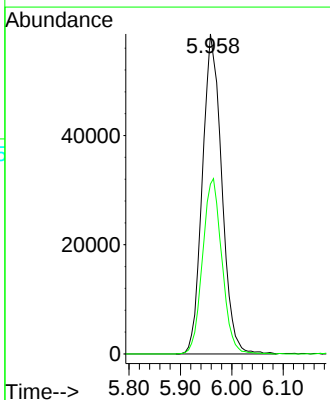
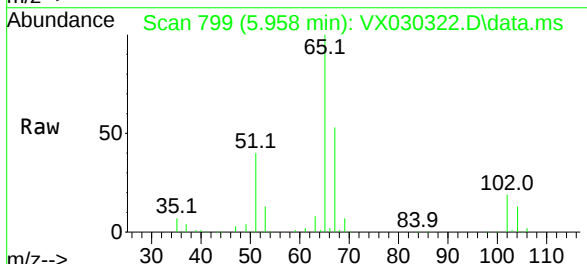
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

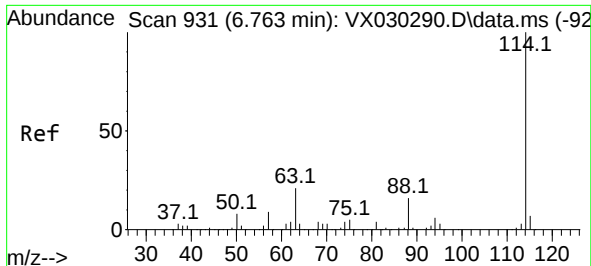
Tgt Ion: 56 Resp: 923
Ion Ratio Lower Upper
56 100
69 0.0 25.4 38.0#
84 103.1 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 65.091 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 65 Resp: 153361
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

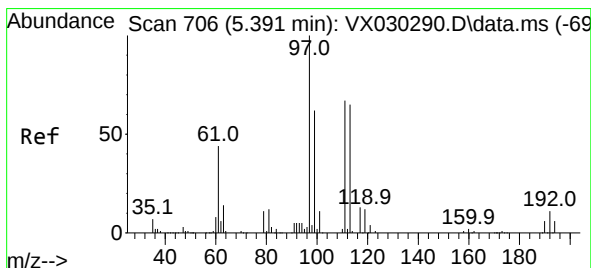
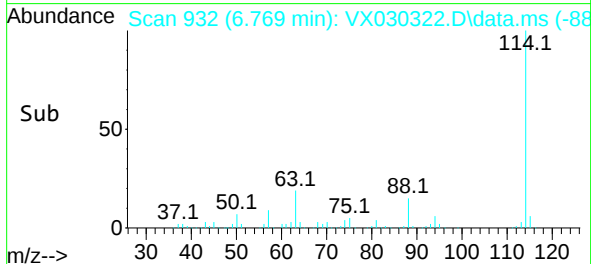
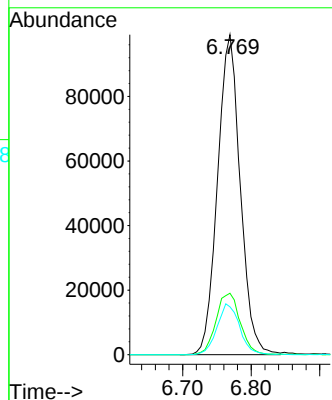
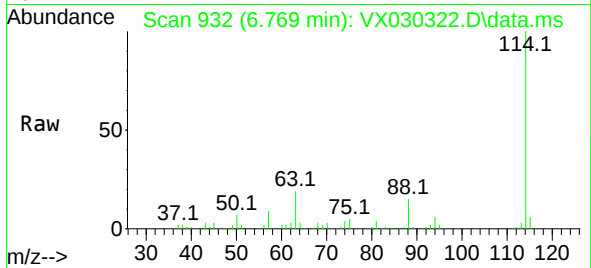




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

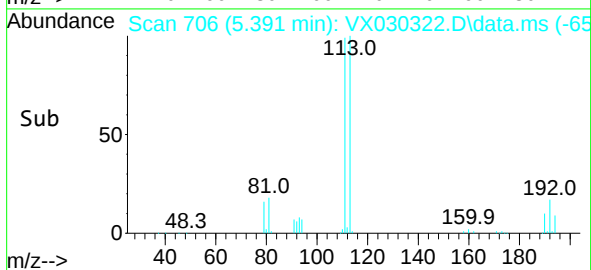
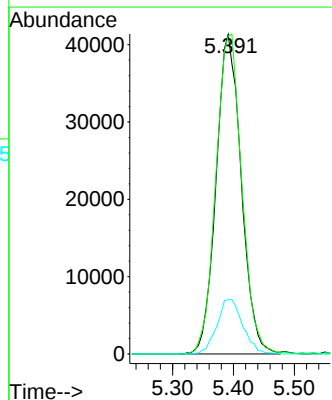
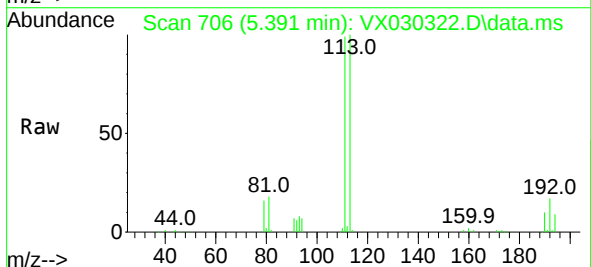
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

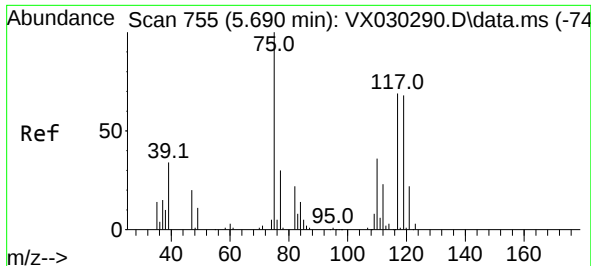
Tgt Ion:114 Resp: 227748
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.397 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion:113 Resp: 118430
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.6 14.8 22.2

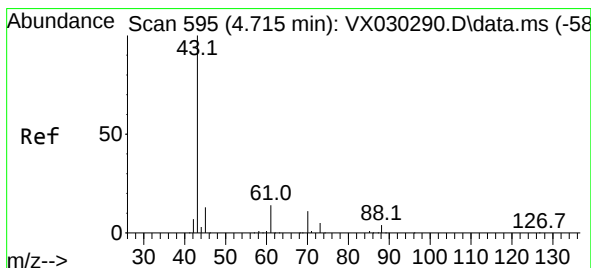
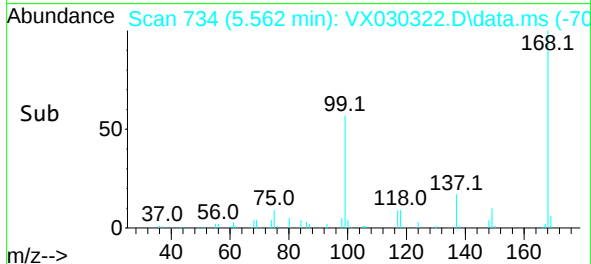
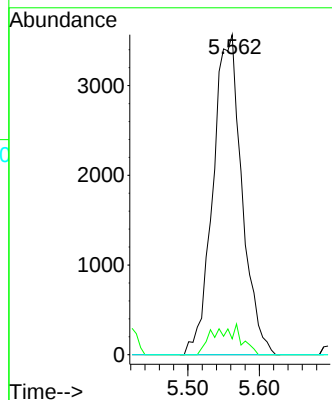
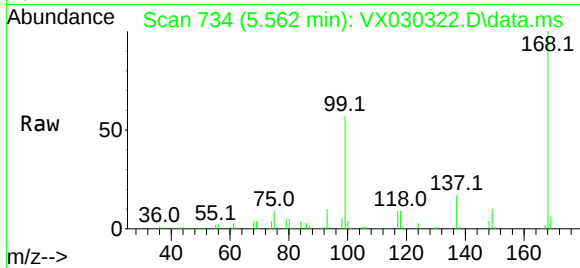




#36
1,1-Dichloropropene
Concen: 3.196 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

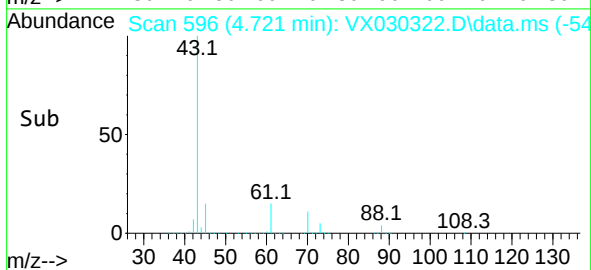
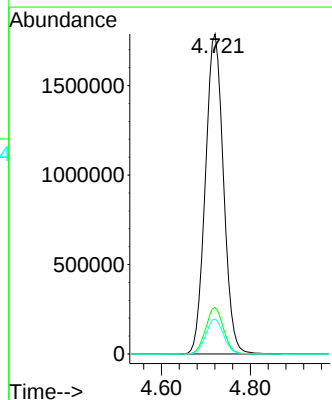
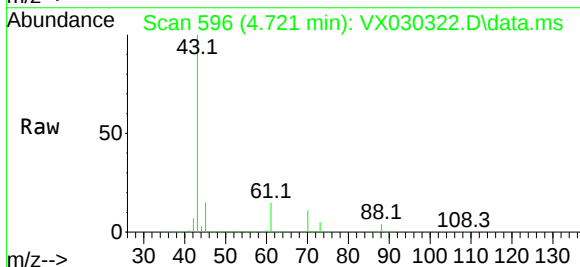
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

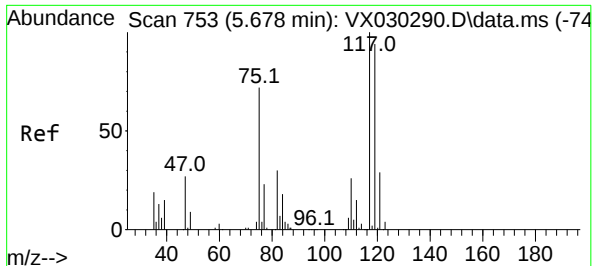
Tgt Ion: 75 Resp: 10014
Ion Ratio Lower Upper
75 100
110 4.3 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1141.471 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 43 Resp: 5064628
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.8 9.3 13.9

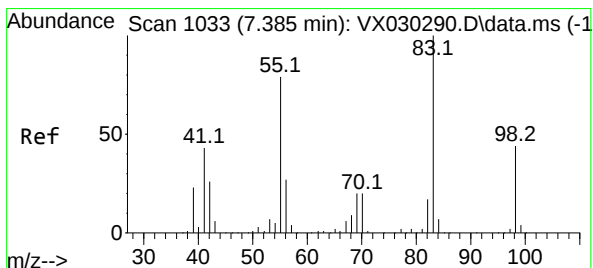
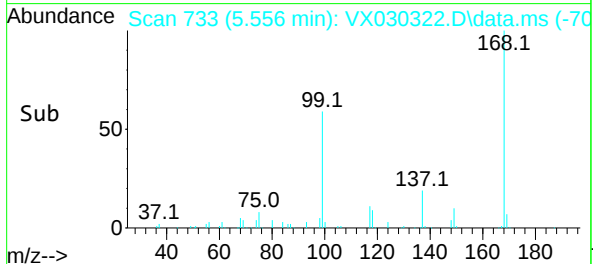
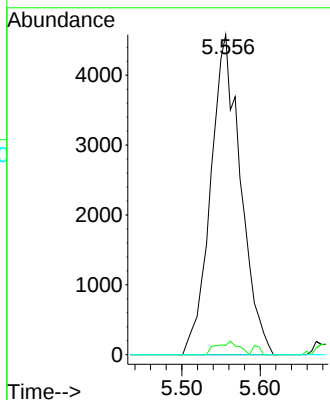
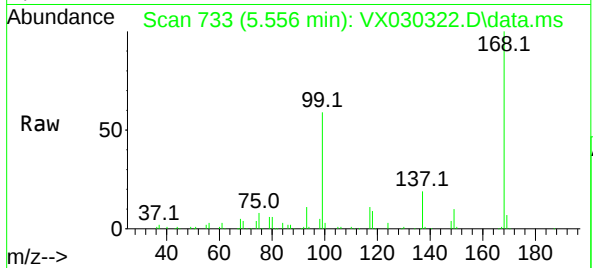




#38
Carbon Tetrachloride
Concen: 4.170 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

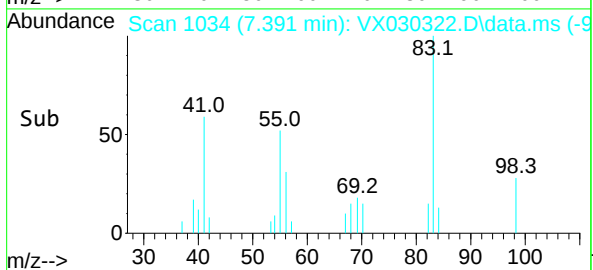
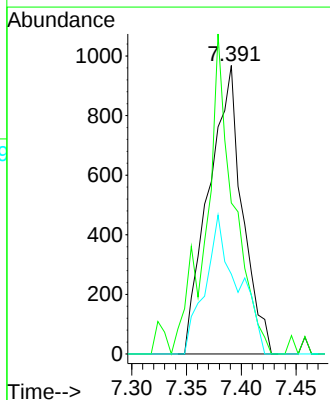
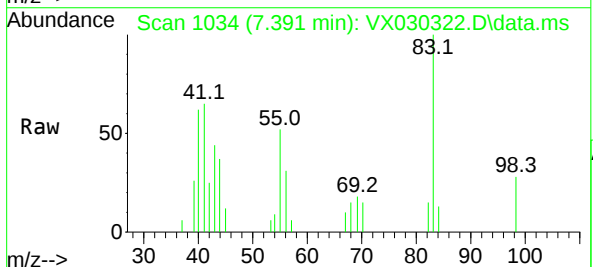
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

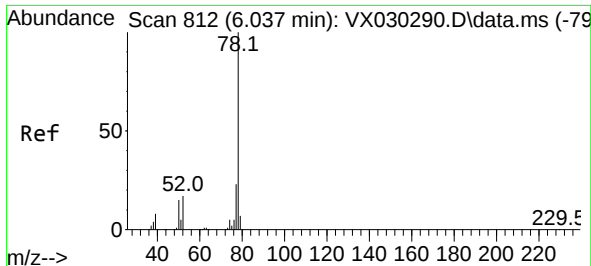
Tgt Ion:117 Resp: 12196
Ion Ratio Lower Upper
117 100
119 2.9 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.512 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.007 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 83 Resp: 2071
Ion Ratio Lower Upper
83 100
55 52.4 57.7 86.5#
98 27.7 36.5 54.7#

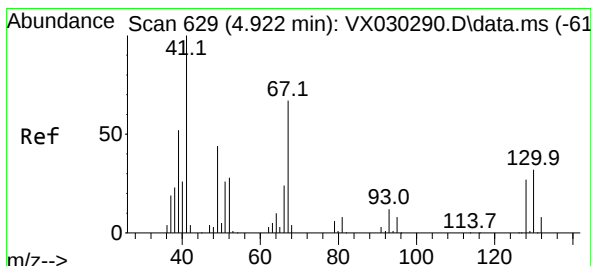
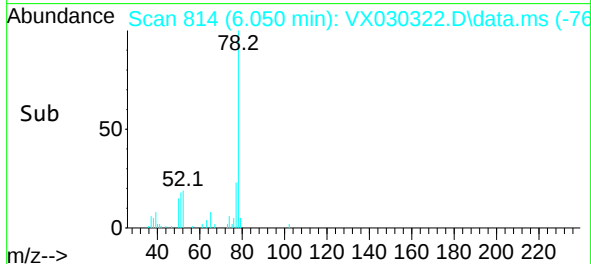
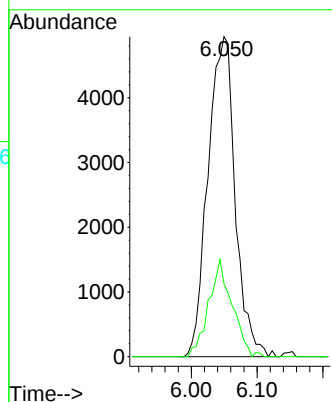
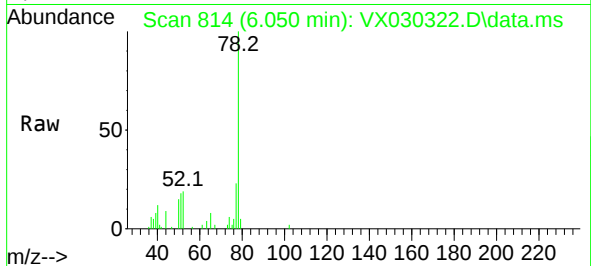




#40
Benzene
Concen: 1.445 ug/l
RT: 6.050 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

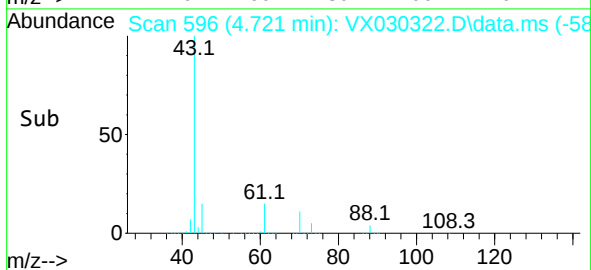
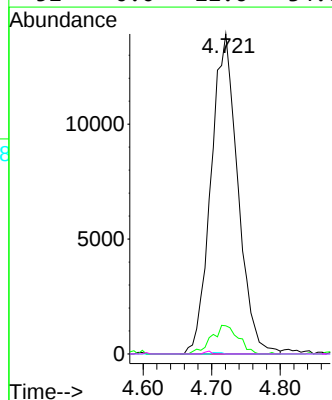
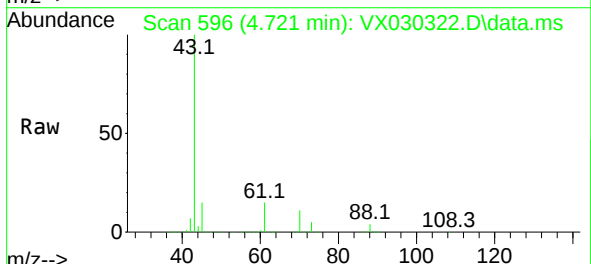
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

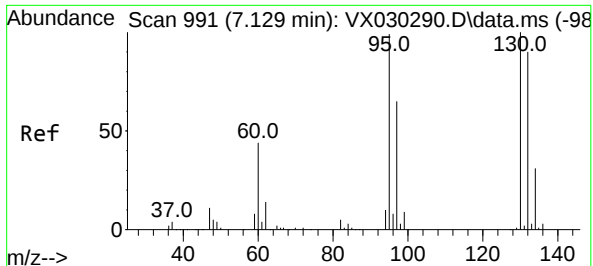
Tgt Ion: 78 Resp: 14244
Ion Ratio Lower Upper
78 100
77 22.8 18.0 27.0



#41
Methacrylonitrile
Concen: 15.925 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.207 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 41 Resp: 37875
Ion Ratio Lower Upper
41 100
39 9.0 42.9 64.3#
67 0.0 60.1 90.1#
52 0.0 22.6 34.0#

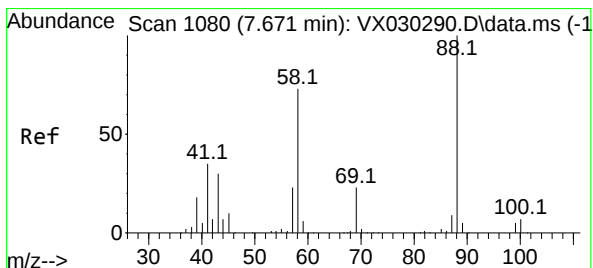
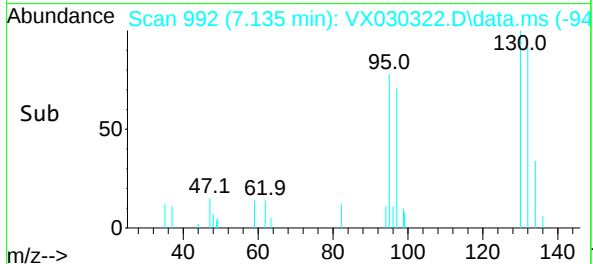
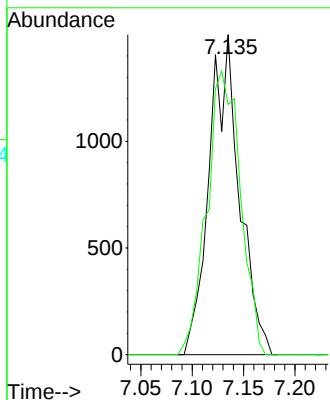
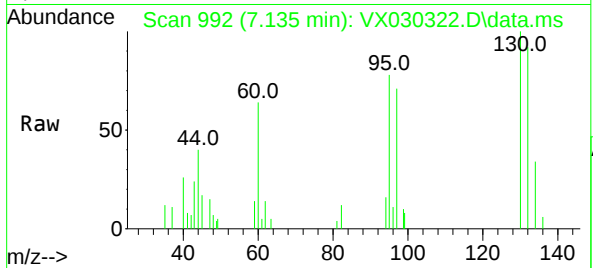




#44
Trichloroethene
Concen: 1.137 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

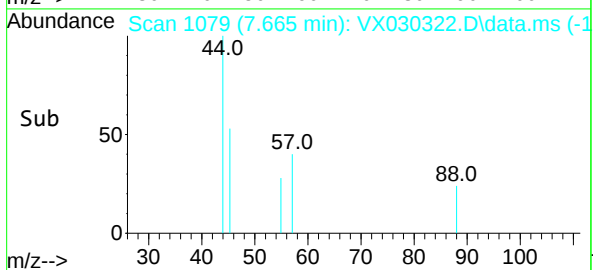
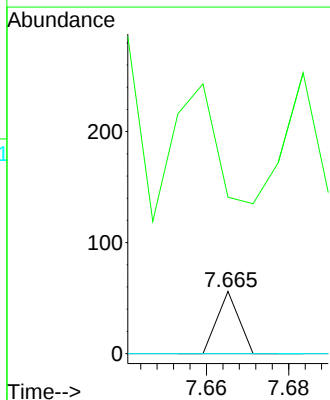
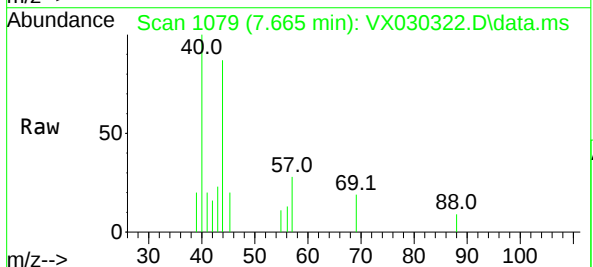
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

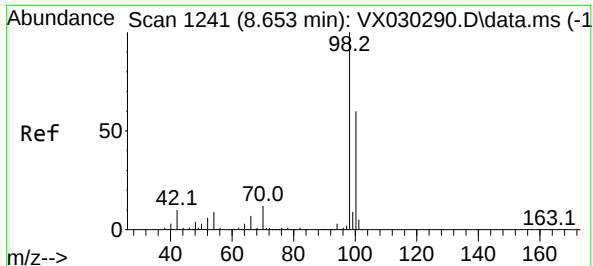
Tgt Ion:130 Resp: 3063
Ion Ratio Lower Upper
130 100
95 78.2 0.0 194.8



#49
1,4-Dioxane
Concen: 0.270 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 310.0 23.8 35.8#
58 0.0 53.8 80.6#

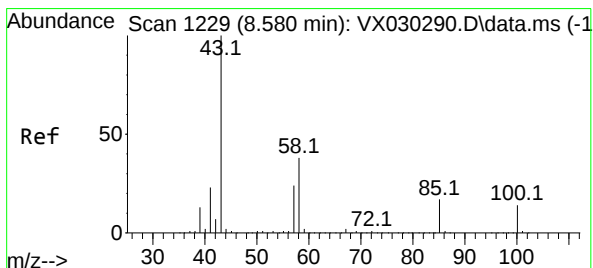
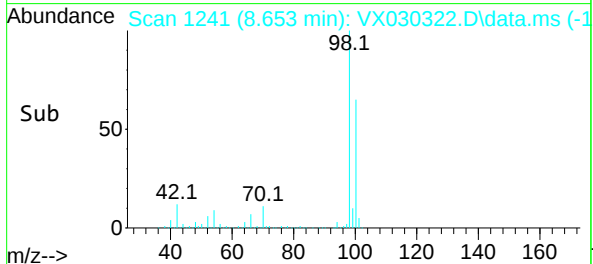
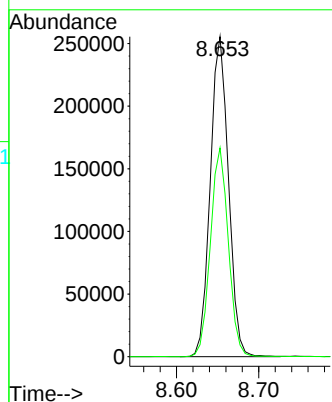
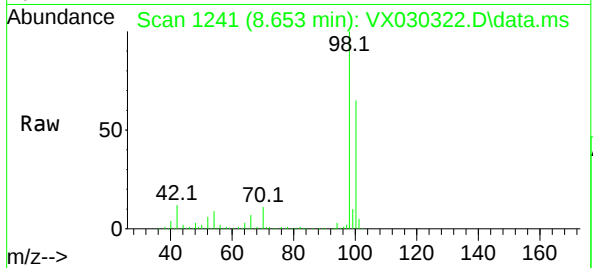




#50
Toluene-d8
Concen: 46.637 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

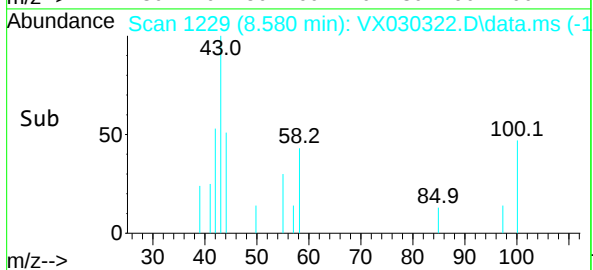
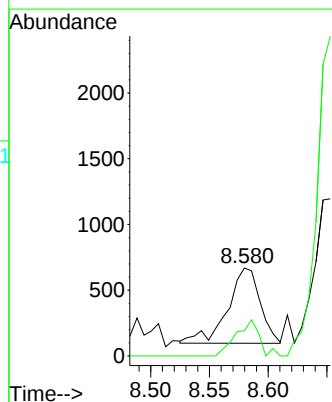
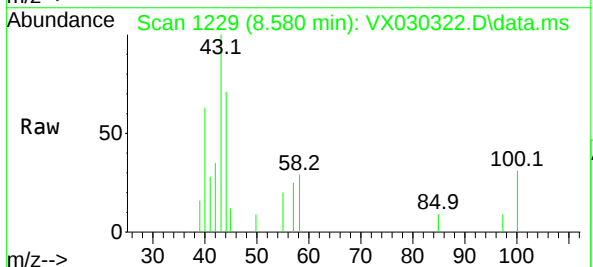
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

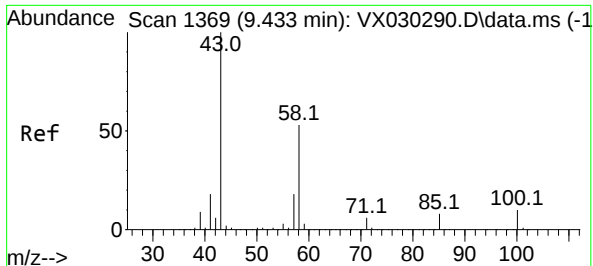
Tgt Ion: 98 Resp: 393209
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.249 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 34.6 31.4 47.2

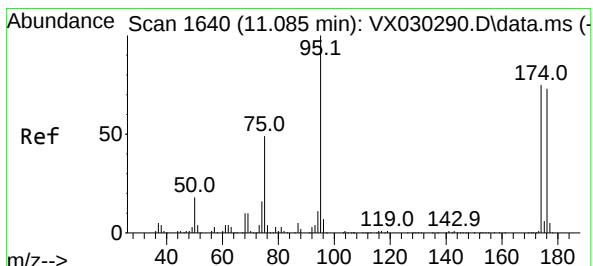
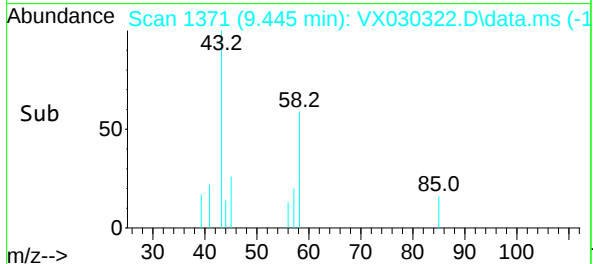
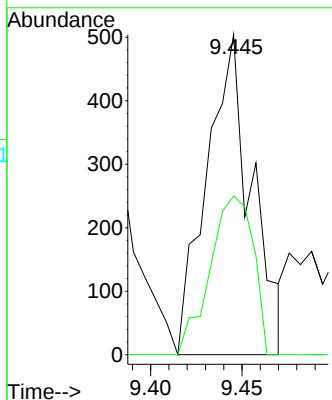
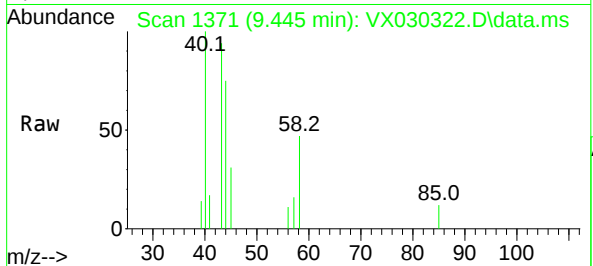




#59
2-Hexanone
Concen: 0.249 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

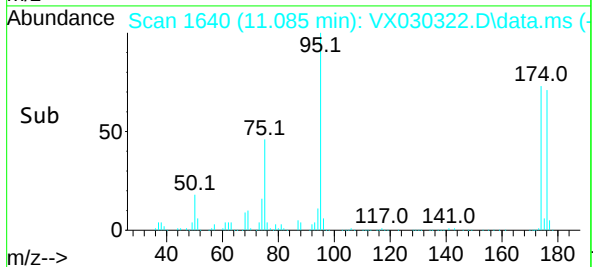
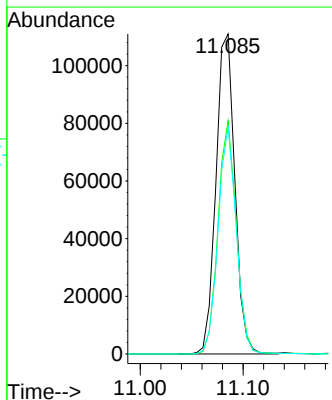
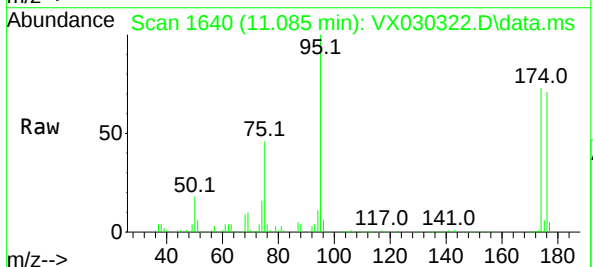
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

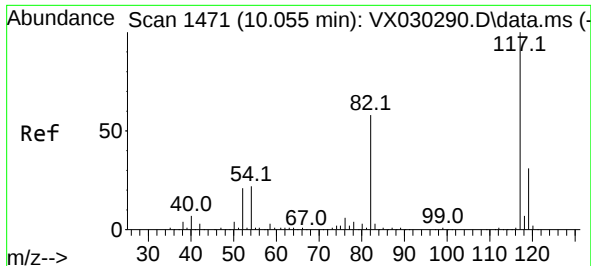
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 47.6 27.6 82.8



#62
4-Bromofluorobenzene
Concen: 45.200 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 95 Resp: 141435
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 68.4 0.0 146.0

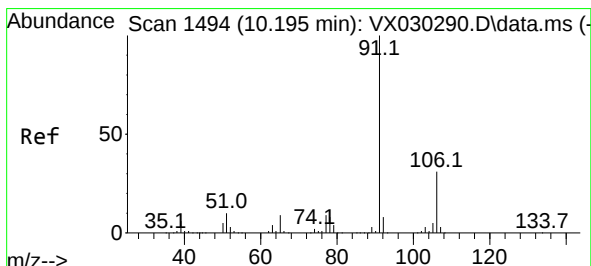
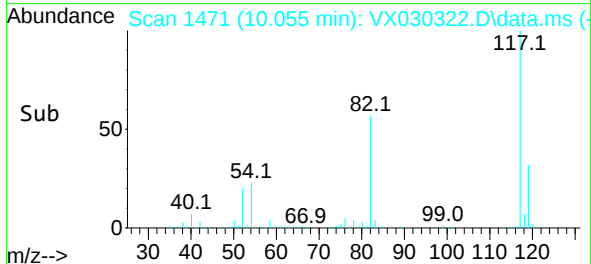
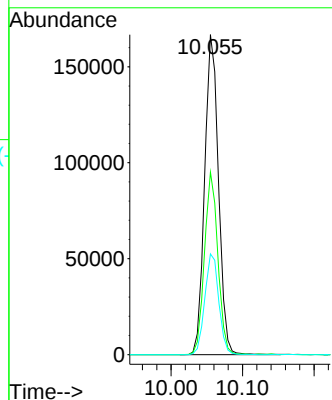
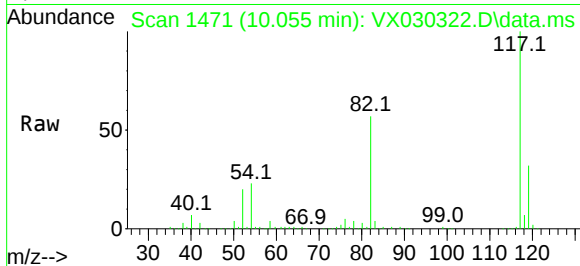




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

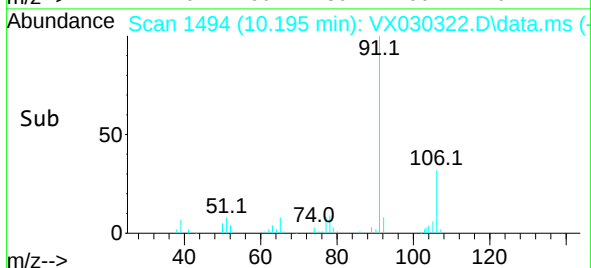
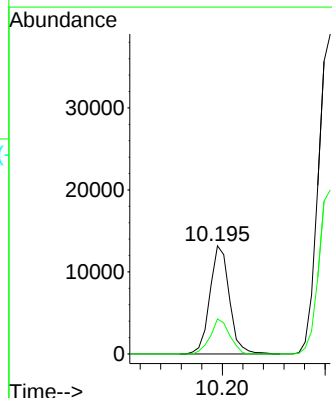
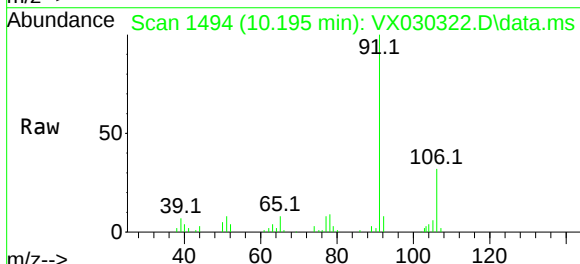
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

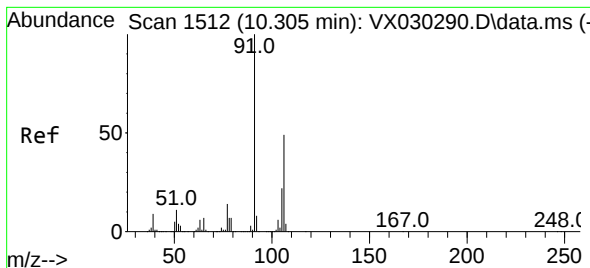
Tgt Ion:117 Resp: 224060
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 91 Resp: 17376
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

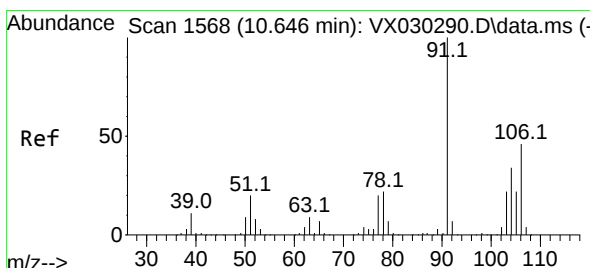
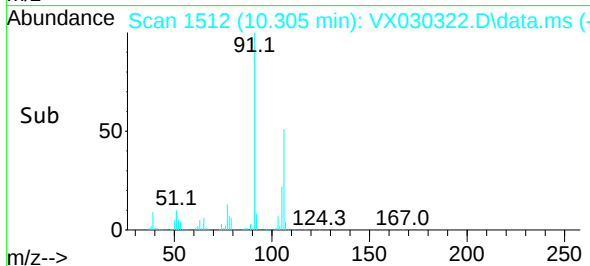
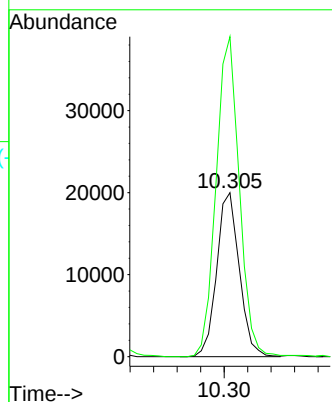
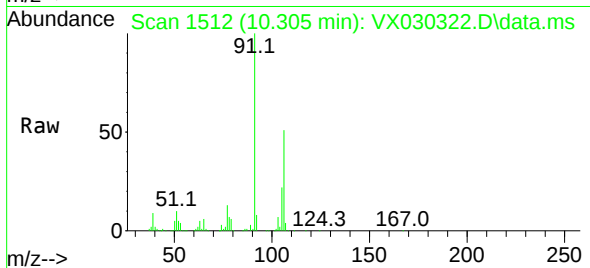




#68
m/p-Xylenes
Concen: 6.482 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

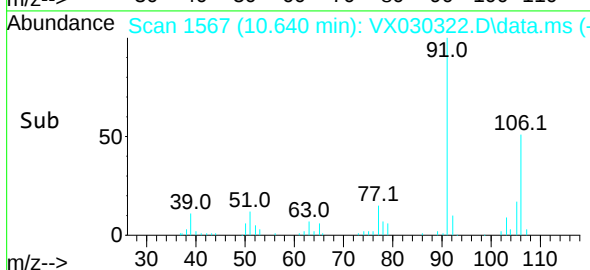
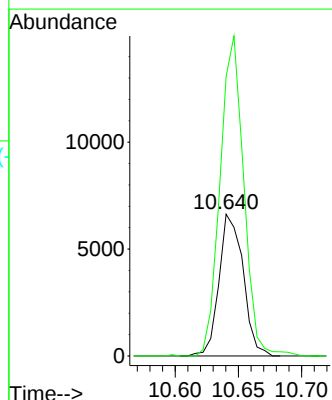
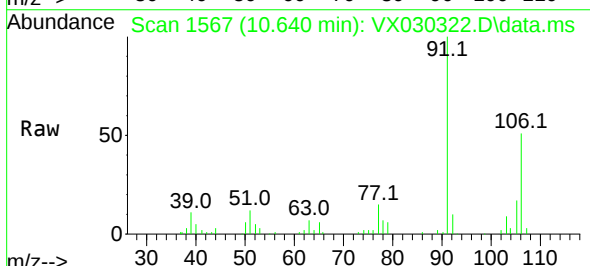
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

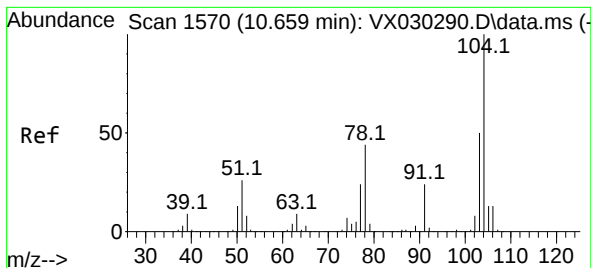
Tgt Ion:106 Resp: 26728
Ion Ratio Lower Upper
106 100
91 201.0 158.2 237.4



#69
o-Xylene
Concen: 2.162 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion:106 Resp: 8784
Ion Ratio Lower Upper
106 100
91 221.7 103.8 311.6





#70

Styrene

Concen: 0.408 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

HMGP-WATER-1

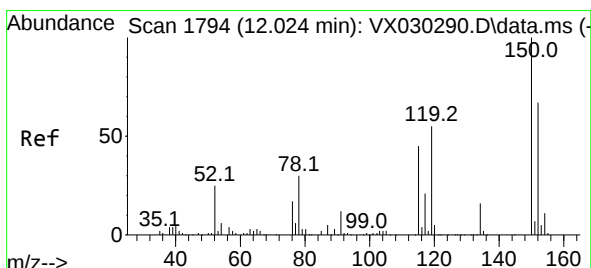
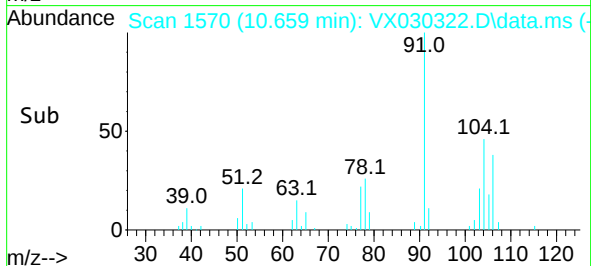
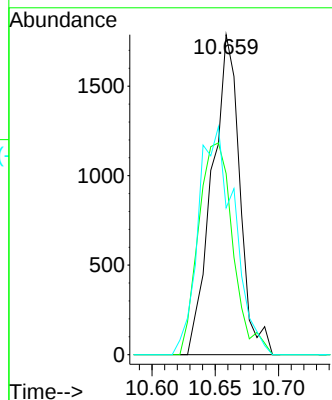
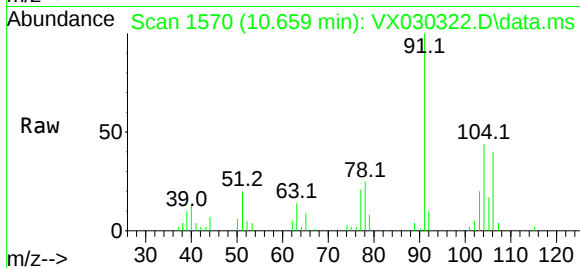
Tgt Ion:104 Resp: 2727

Ion Ratio Lower Upper

104 100

78 82.1 37.8 56.8#

103 92.8 44.5 66.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

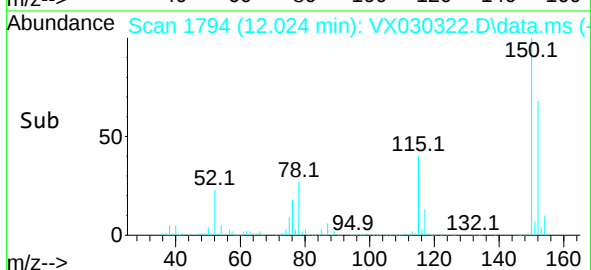
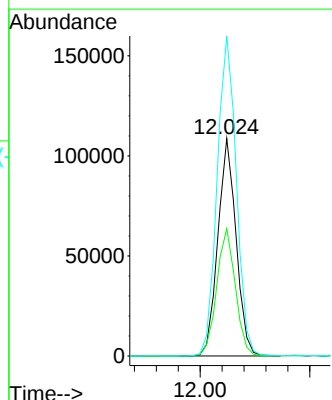
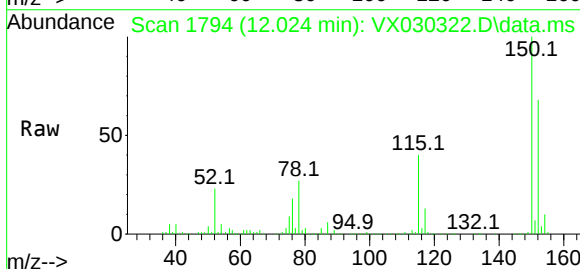
Tgt Ion:152 Resp: 125799

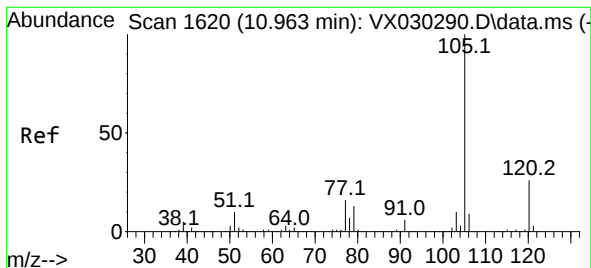
Ion Ratio Lower Upper

152 100

115 60.0 40.5 121.5

150 154.6 0.0 347.0





#73

Isopropylbenzene

Concen: 0.265 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

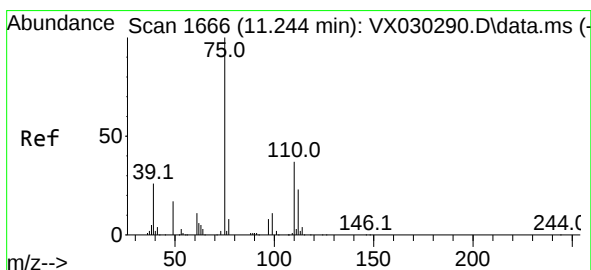
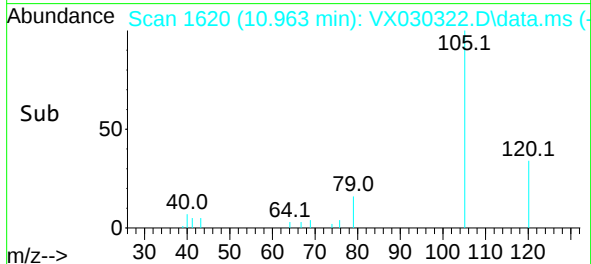
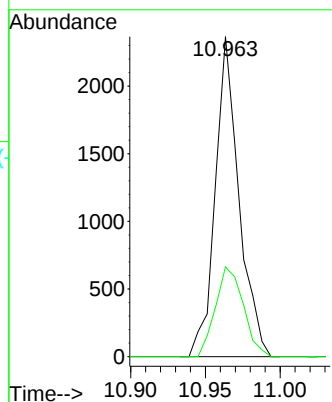
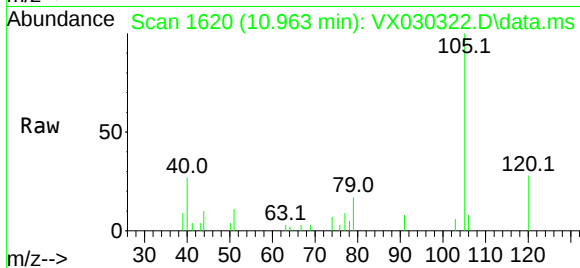
HMGP-WATER-1

Tgt Ion:105 Resp: 2606

Ion Ratio Lower Upper

105 100

120 33.0 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 20.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX030322.D

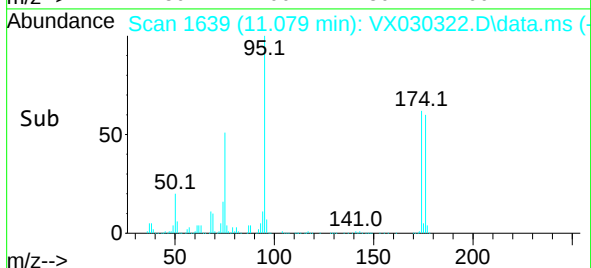
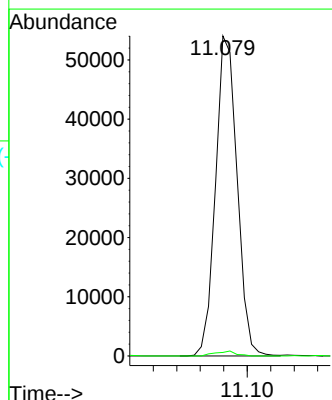
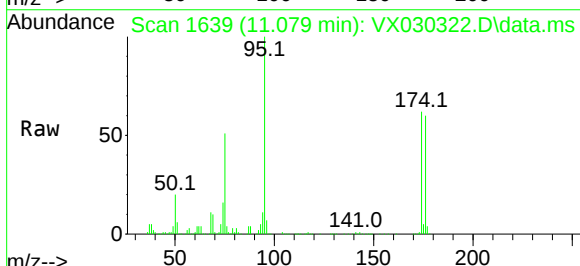
Acq: 01 Aug 2022 15:07

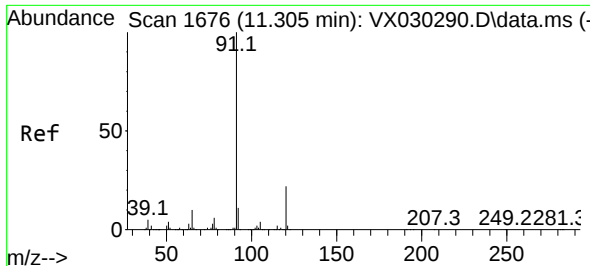
Tgt Ion: 75 Resp: 68872

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#

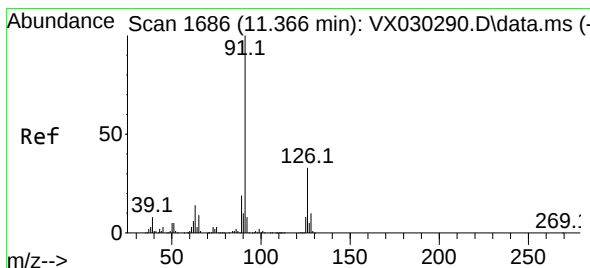
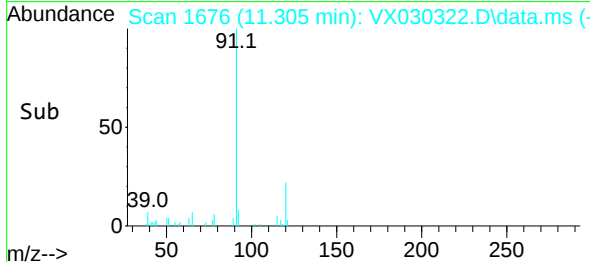
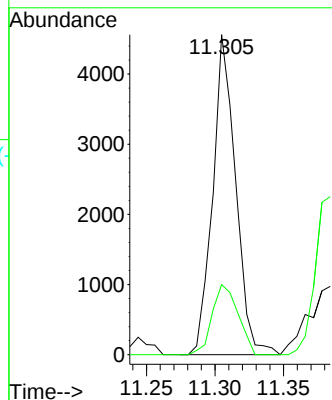
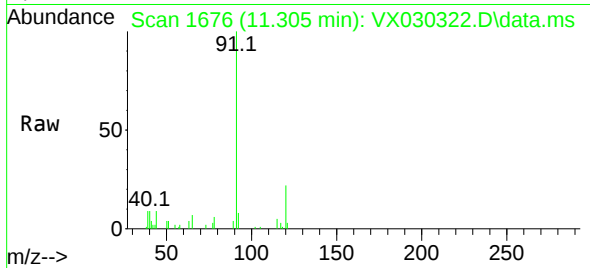




#78
n-propylbenzene
Concen: 0.453 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

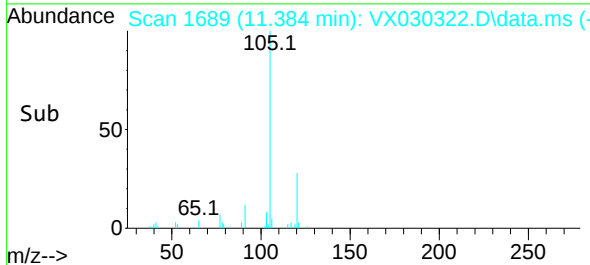
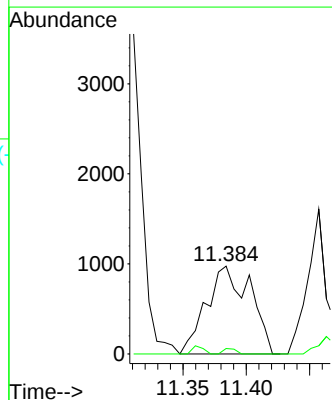
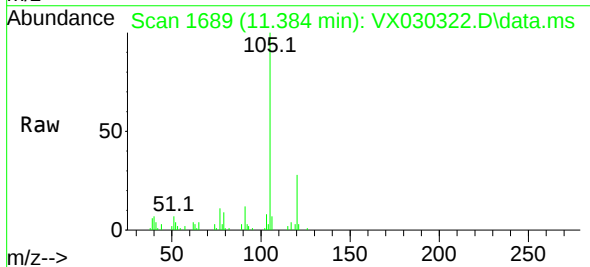
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

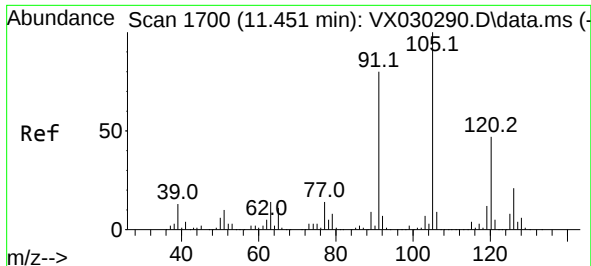
Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
120 24.7 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.317 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.019 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 91 Resp: 2350
Ion Ratio Lower Upper
91 100
126 1.7 17.4 52.3#

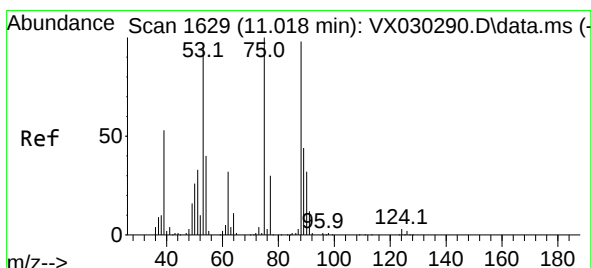
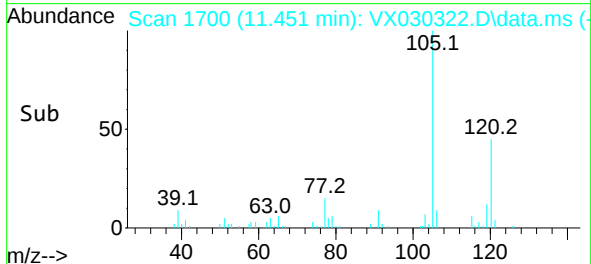
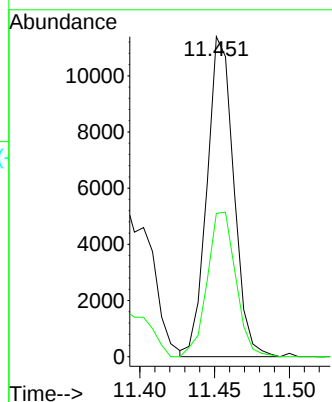
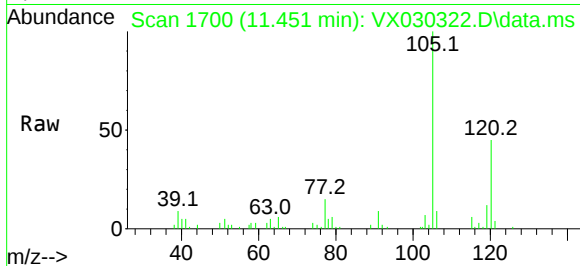




#80
1,3,5-Trimethylbenzene
Concen: 1.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

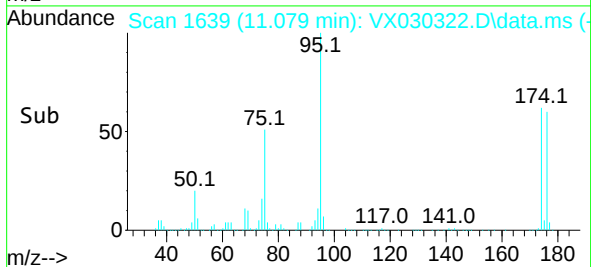
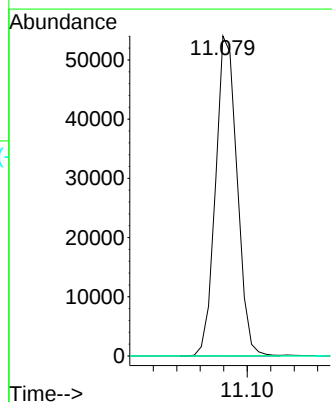
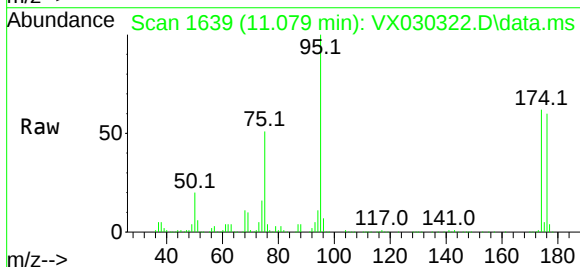
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

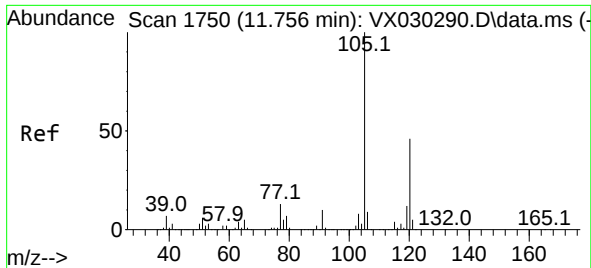
Tgt Ion:105 Resp: 14173
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 62.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 75 Resp: 68872
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

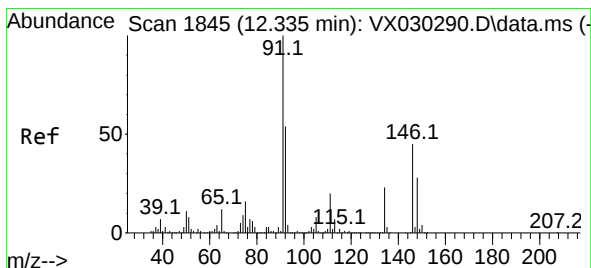
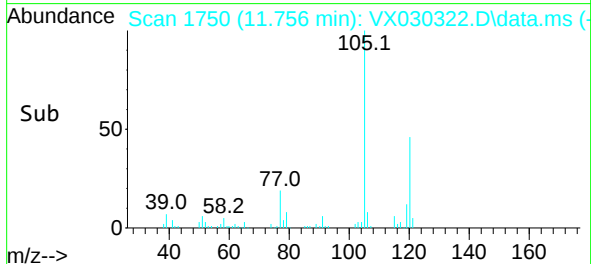
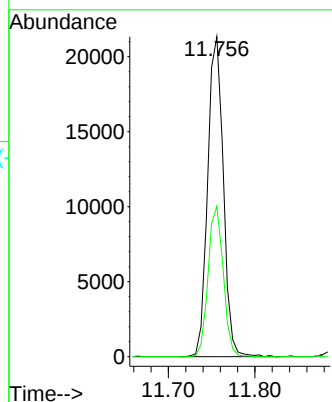
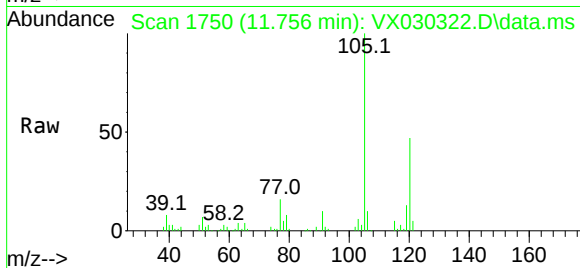




#84
1,2,4-Trimethylbenzene
Concen: 3.258 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

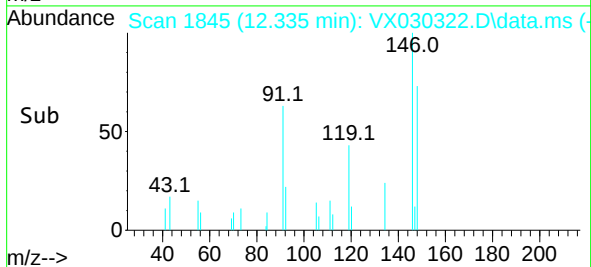
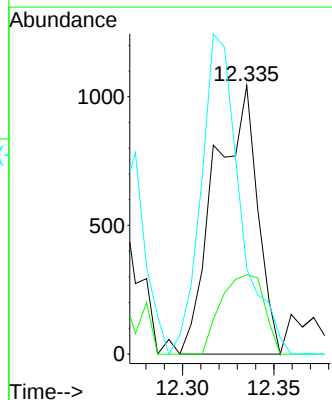
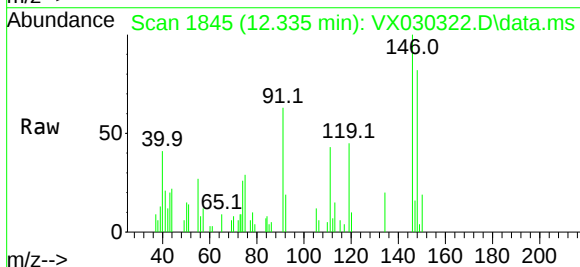
Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

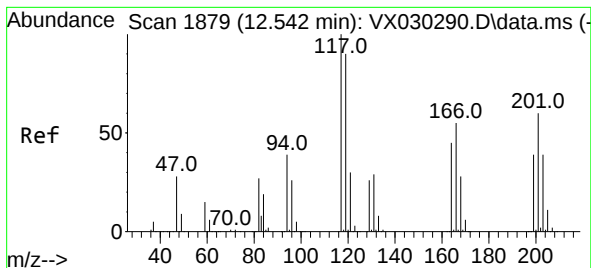
Tgt Ion:105 Resp: 26729
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.8



#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 91 Resp: 1684
Ion Ratio Lower Upper
91 100
92 30.2 26.2 78.5
134 109.8 12.6 37.8#





#90

Hexachloroethane

Concen: 0.484 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

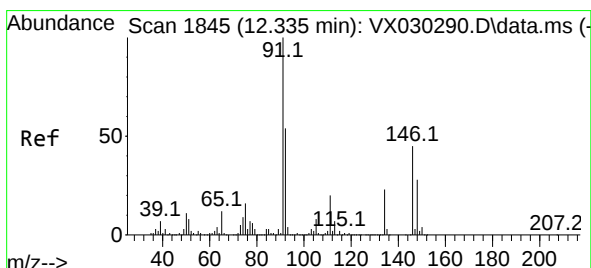
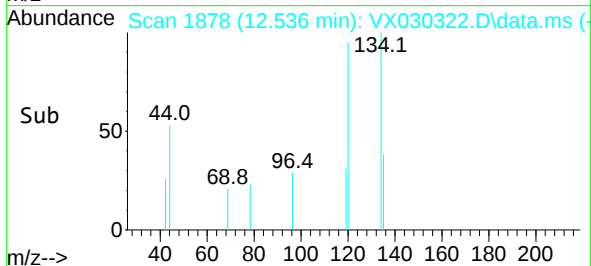
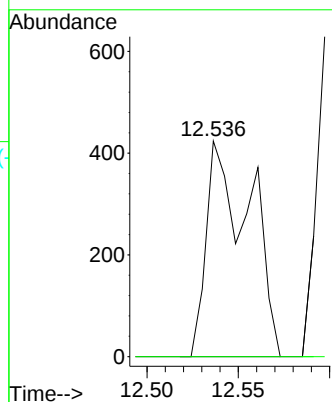
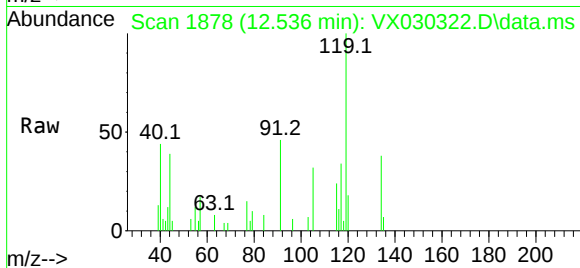
HMGP-WATER-1

Tgt Ion:117 Resp: 696

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#91

1,2-Dichlorobenzene

Concen: 0.498 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VX030322.D

Acq: 01 Aug 2022 15:07

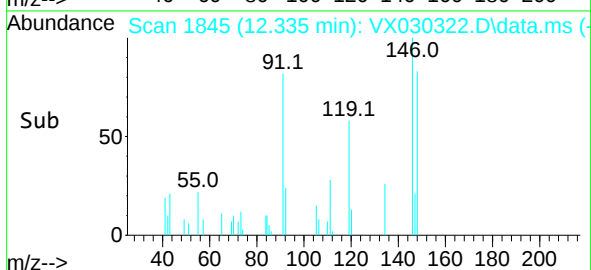
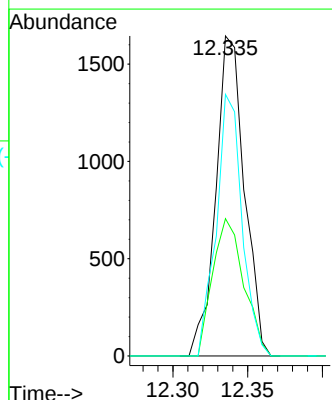
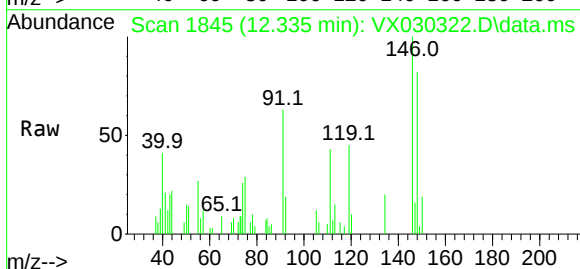
Tgt Ion:146 Resp: 2190

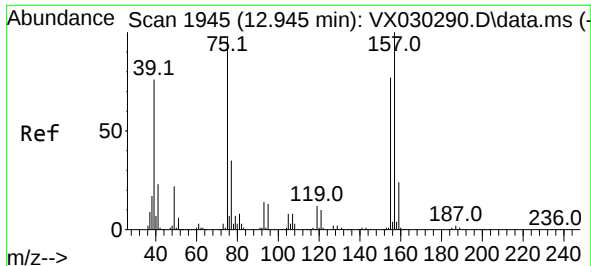
Ion Ratio Lower Upper

146 100

111 46.8 20.7 62.1

148 73.8 32.0 96.2

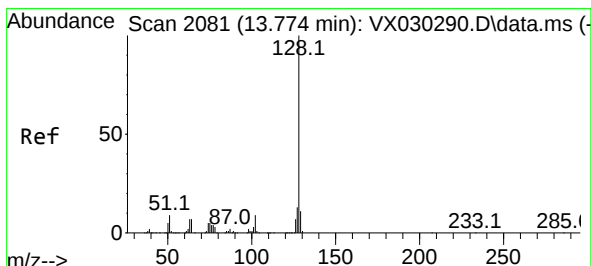
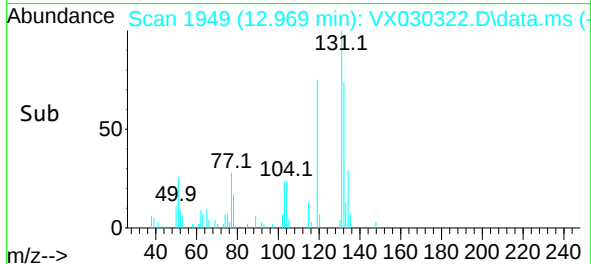
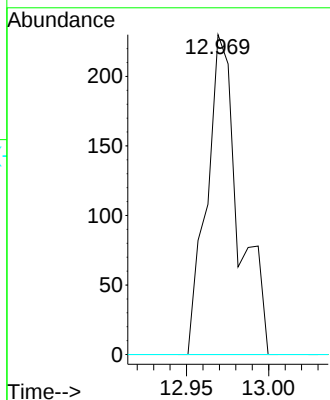
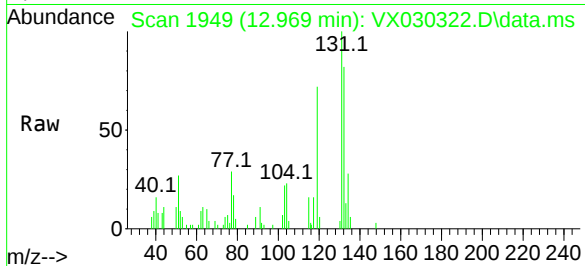




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.360 ug/l
RT: 12.969 min Scan# 1945
Delta R.T. 0.025 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
HMGP-WATER-1

Tgt Ion: 75 Resp: 310
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 56.9 170.7#



#95
Naphthalene
Concen: 170.121 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030322.D
Acq: 01 Aug 2022 15:07

Tgt Ion: 128 Resp: 1695614
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.6 13.0

