

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032118.D
 Acq On : 13 Oct 2022 18:33
 Operator : JC/MD
 Sample : N5133-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HAS-WATER-1013

Quant Time: Oct 14 07:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

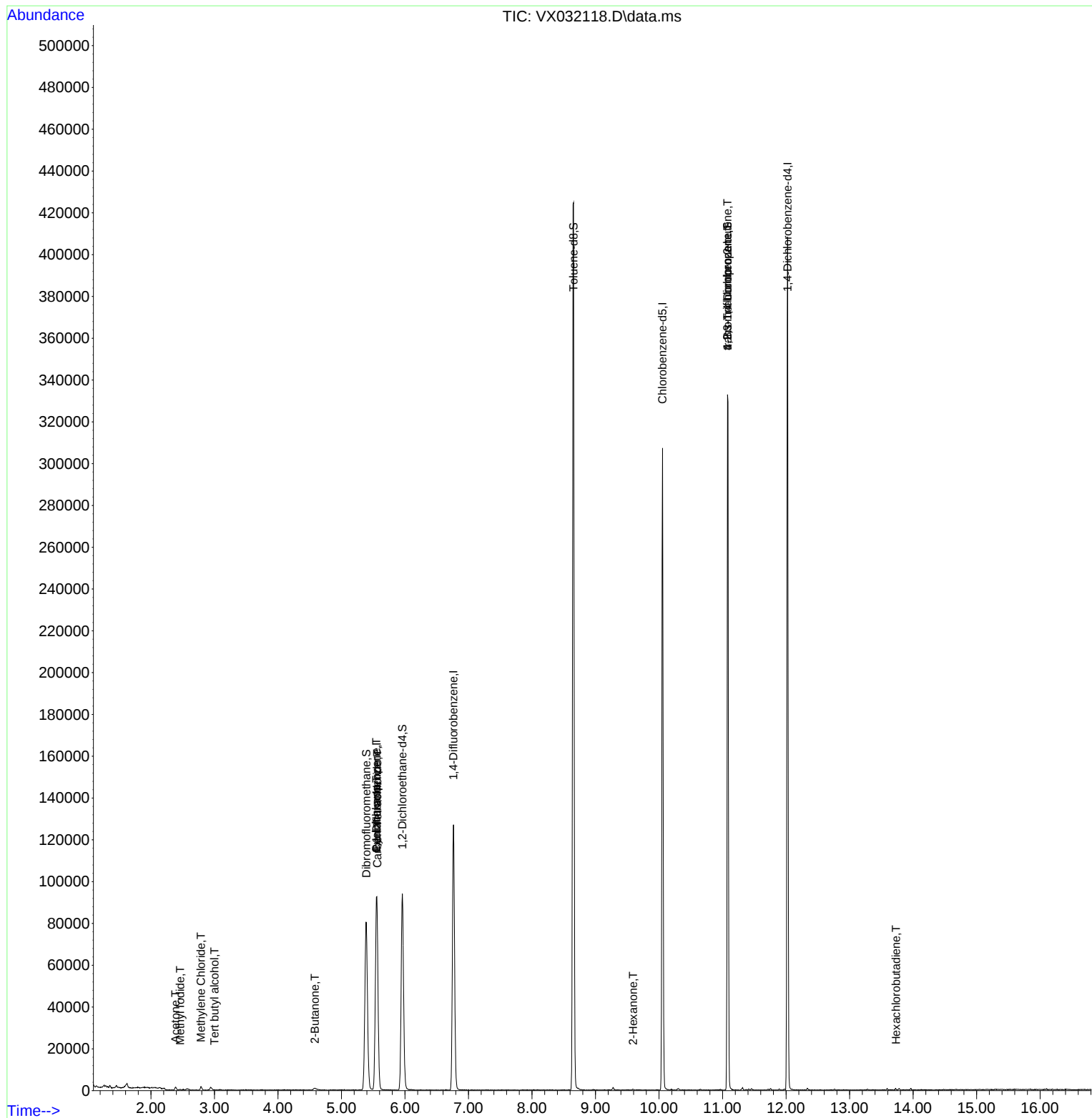
Internal Standards						
1) Pentafluorobenzene	5.556	168	83849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91409	52.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.580%
35) Dibromofluoromethane	5.391	113	68541	48.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.653	98	251082	49.575	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	87317	48.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	399	Below Cal	#	80
10) Methyl Iodide	2.459	142	318	2.968	ug/l #	85
11) Tert butyl alcohol	3.001	59	117	0.543	ug/l #	73
16) Acetone	2.386	43	1519	2.581	ug/l #	65
20) Methylene Chloride	2.788	84	789	0.510	ug/l #	83
25) 2-Butanone	4.580	43	440	0.478	ug/l #	49
31) Cyclohexane	5.550	56	2266	1.095	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	7391	3.960	ug/l #	48
38) Carbon Tetrachloride	5.562	117	9366	4.908	ug/l #	16
59) 2-Hexanone	9.592	43	369	0.283	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	49752	31.294	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49752	106.658	ug/l #	11
94) Hexachlorobutadiene	13.731	225	166	0.248	ug/l #	63

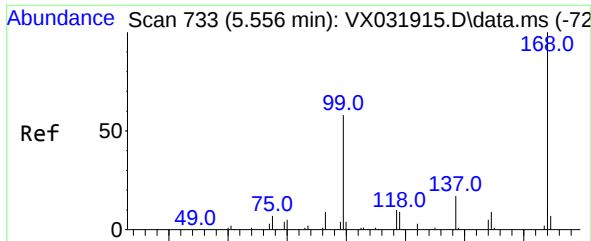
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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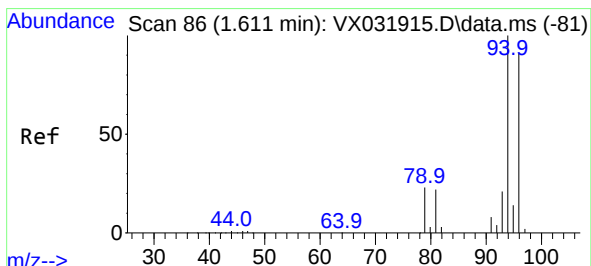
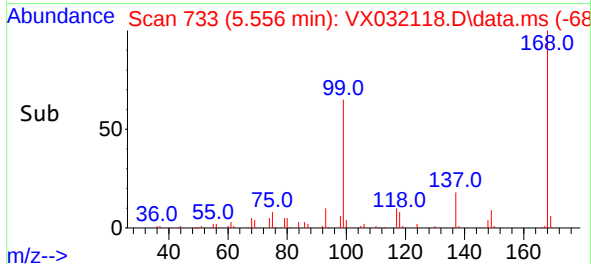
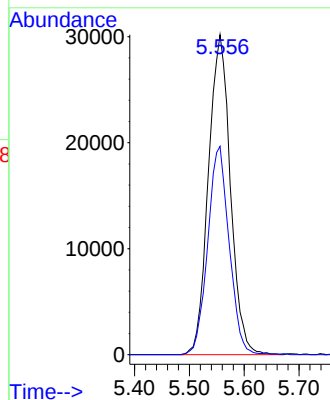
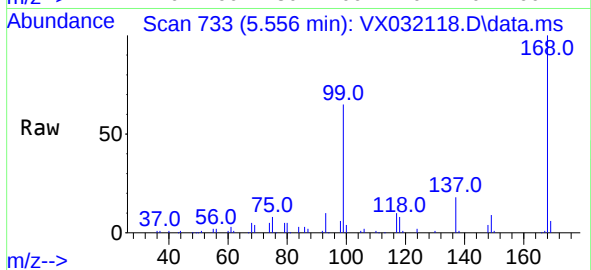




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

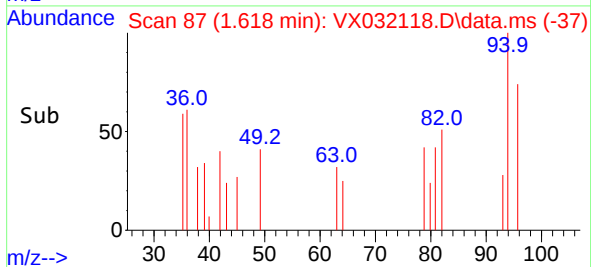
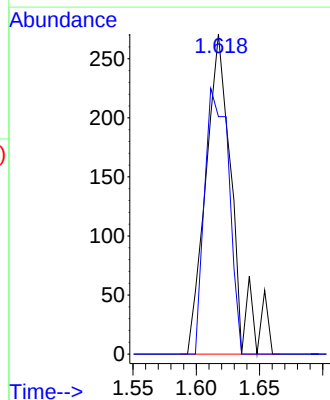
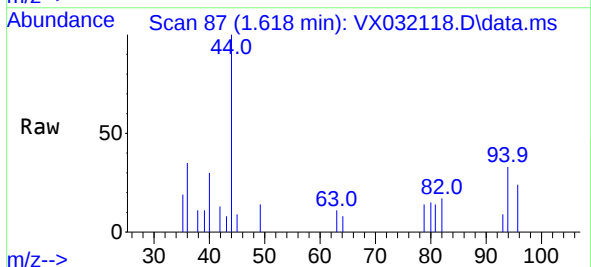
Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

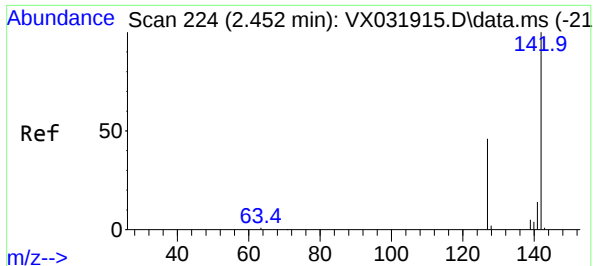
Tgt Ion:168 Resp: 83849
Ion Ratio Lower Upper
168 100
99 65.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

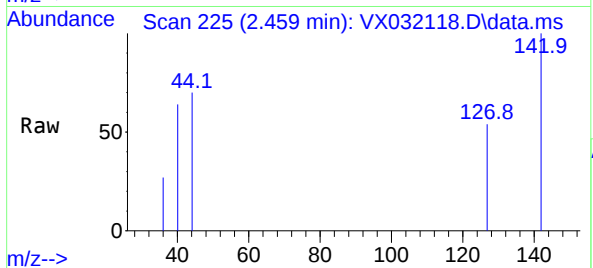
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 74.2 74.4 111.6#



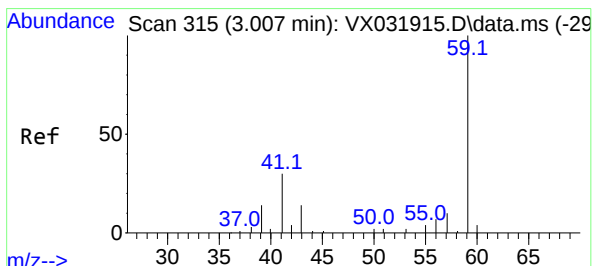
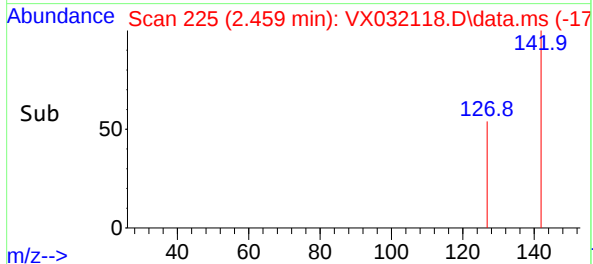
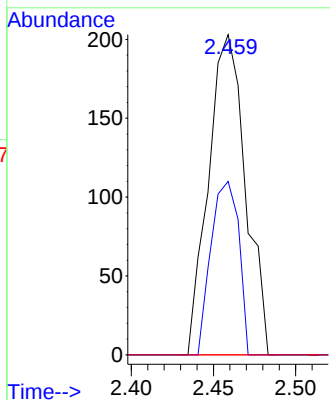


#10
Methyl Iodide
Concen: 2.968 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

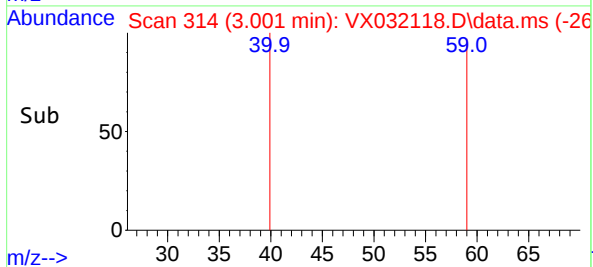
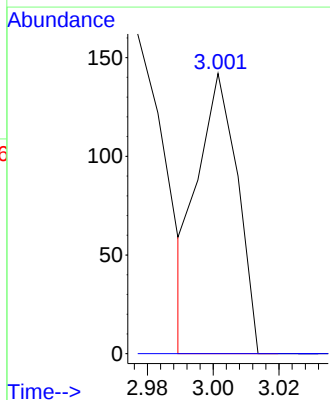
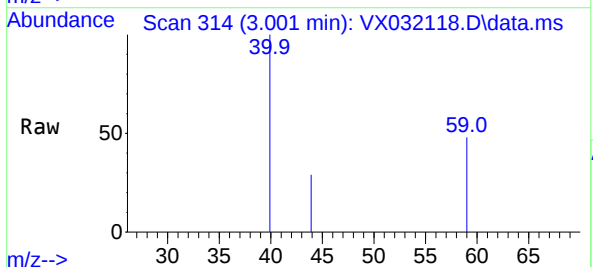


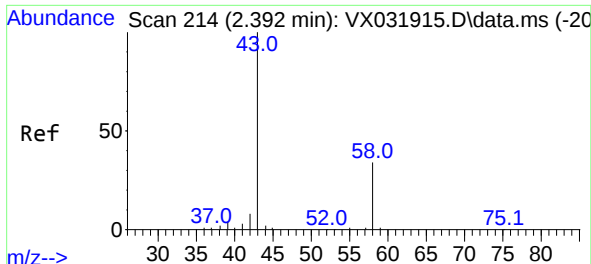
Tgt Ion:142 Resp: 318
Ion Ratio Lower Upper
142 100
127 40.6 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.543 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

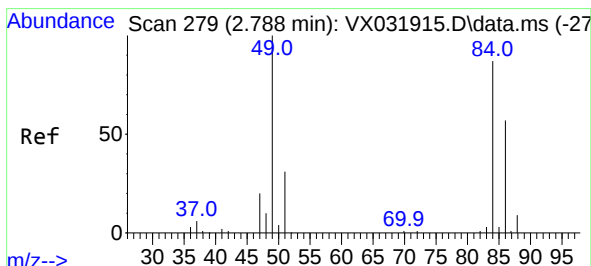
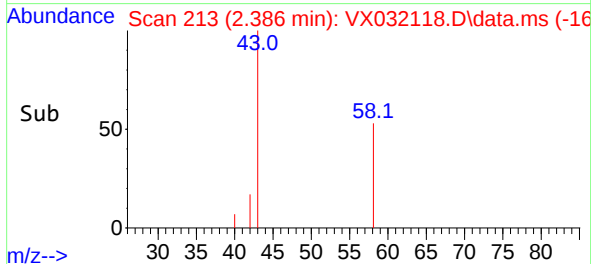
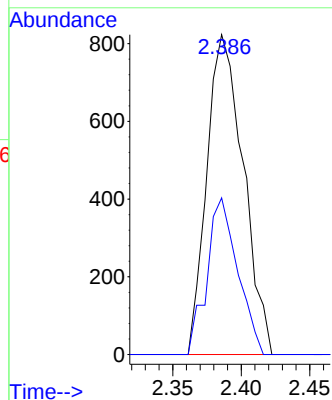
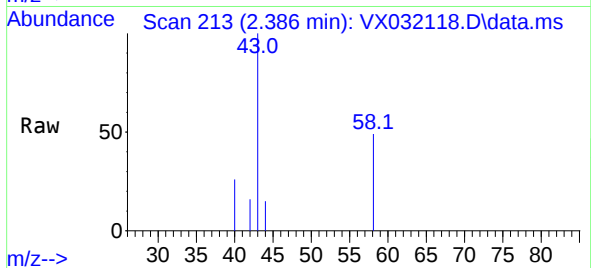




#16
Acetone
Concen: 2.581 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

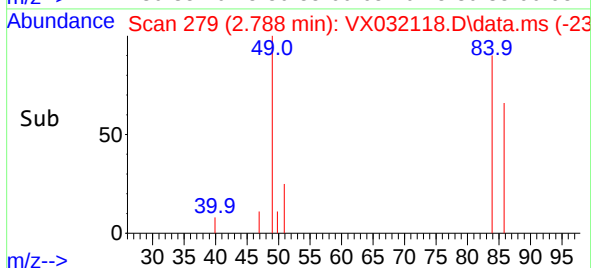
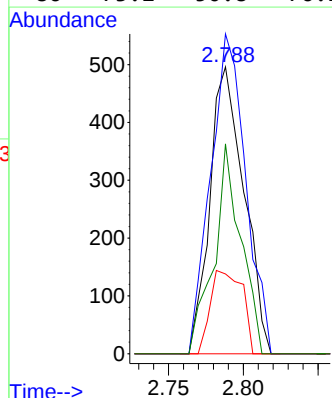
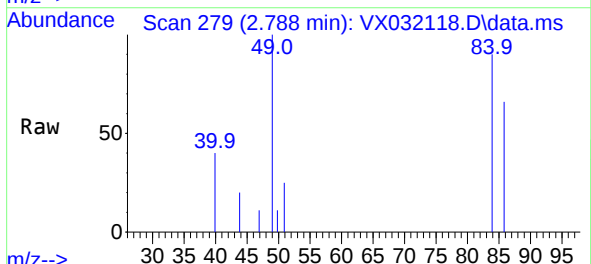
Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

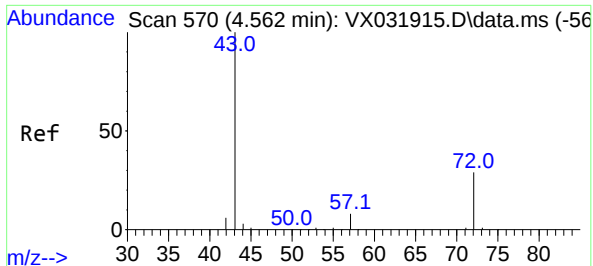
Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 49.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.510 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion: 84 Resp: 789
Ion Ratio Lower Upper
84 100
49 111.5 105.9 158.9
51 27.8 32.2 48.2#
86 73.2 50.8 76.2





#25

2-Butanone

Concen: 0.478 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032118.D

Acq: 13 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

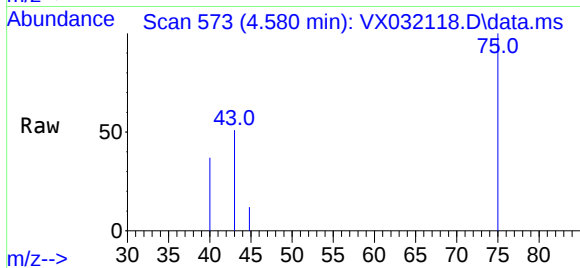
HAS-WATER-1013

Tgt Ion: 43 Resp: 440

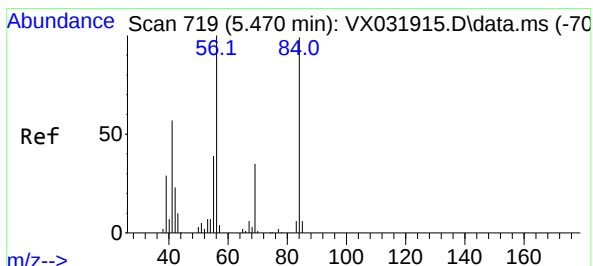
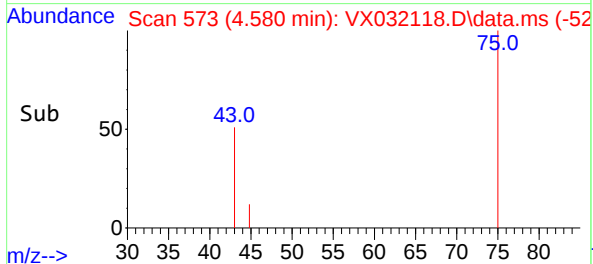
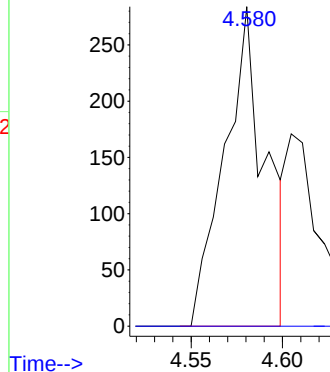
Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



Abundance



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032118.D

Acq: 13 Oct 2022 18:33

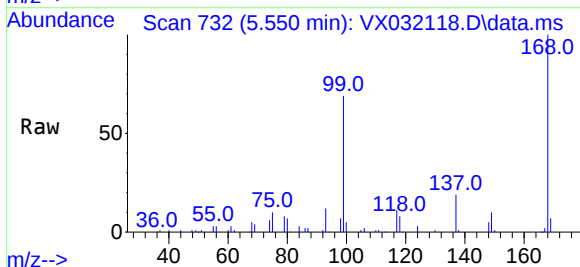
Tgt Ion: 56 Resp: 2266

Ion Ratio Lower Upper

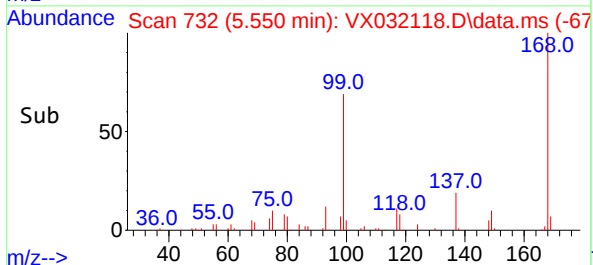
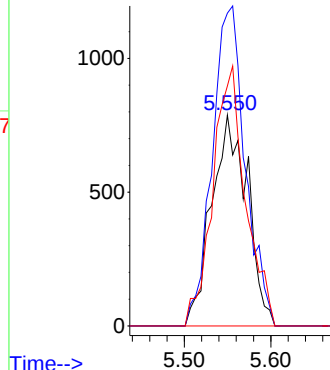
56 100

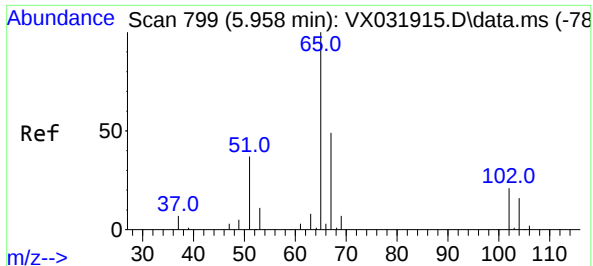
69 148.4 25.1 37.7#

84 113.8 70.2 105.4#



Abundance

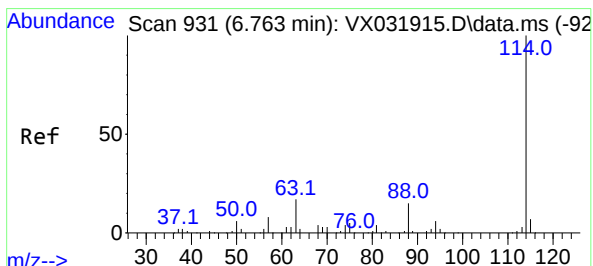
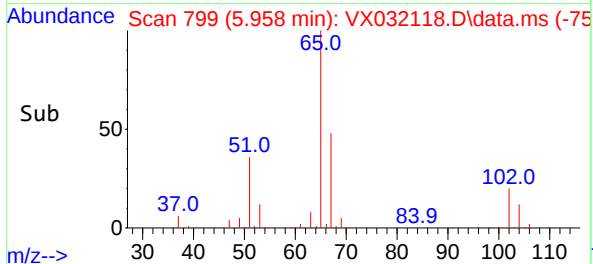
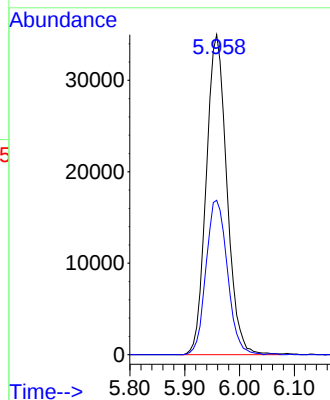
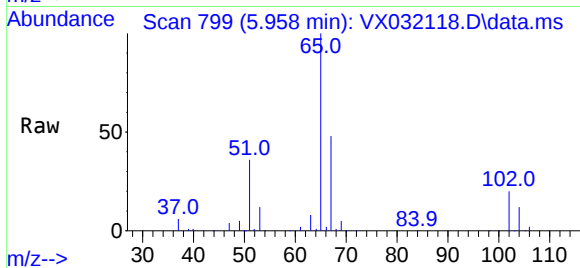




#33
 1,2-Dichloroethane-d4
 Concen: 52.787 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032118.D
 Acq: 13 Oct 2022 18:33

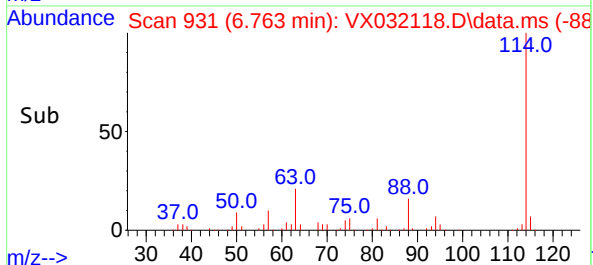
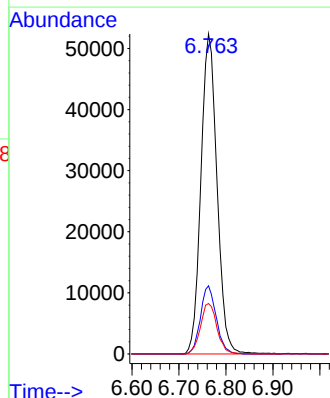
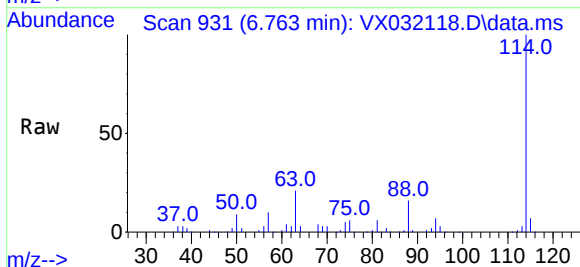
Instrument :
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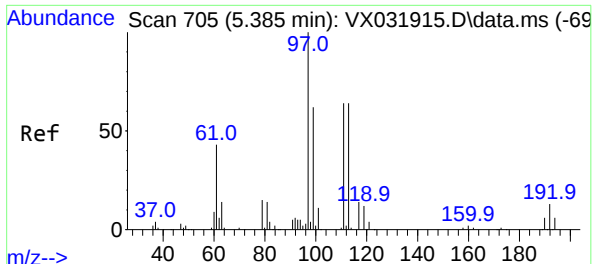
Tgt Ion: 65 Resp: 91409
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032118.D
 Acq: 13 Oct 2022 18:33

Tgt Ion: 114 Resp: 124343
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.8 0.0 33.0

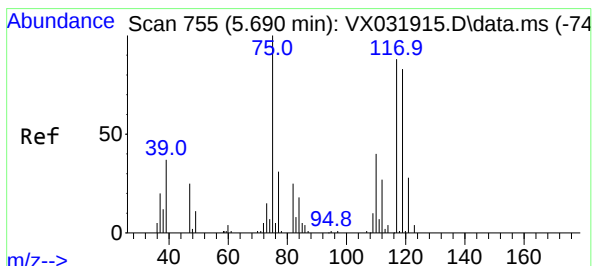
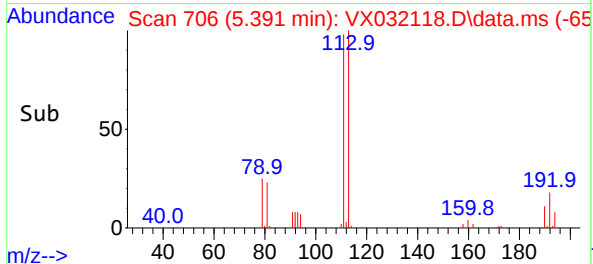
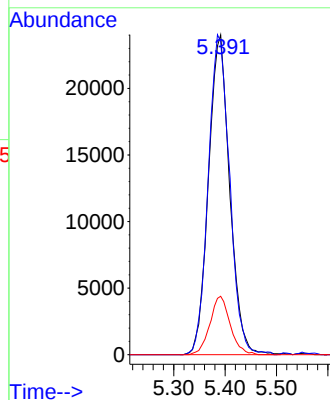
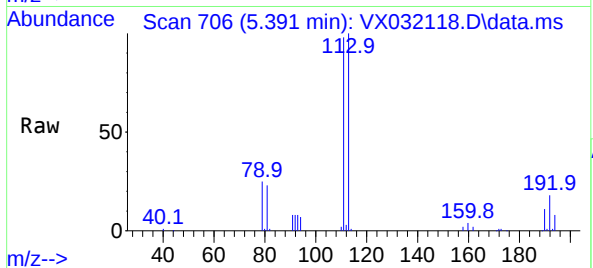




#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

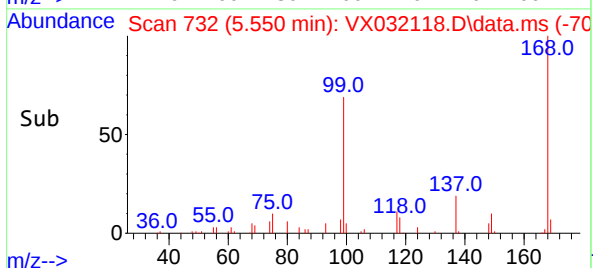
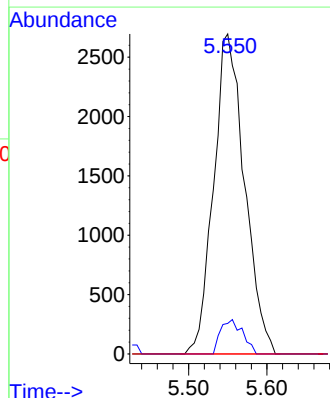
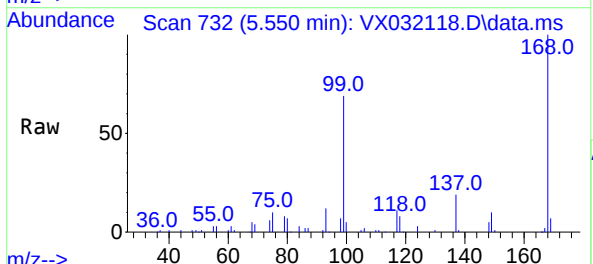
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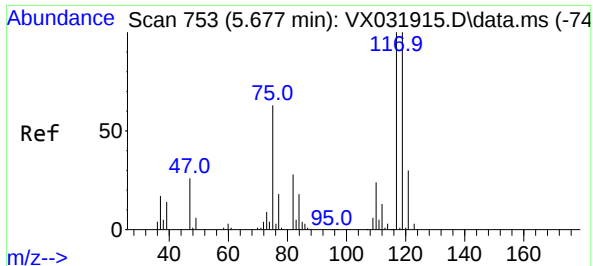
Tgt Ion:113 Resp: 68541
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.960 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion: 75 Resp: 7391
Ion Ratio Lower Upper
75 100
110 7.7 17.5 52.5#
77 0.0 24.9 37.3#

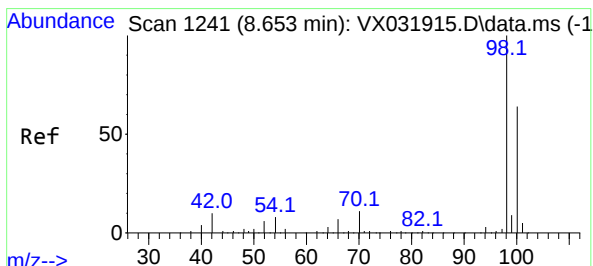
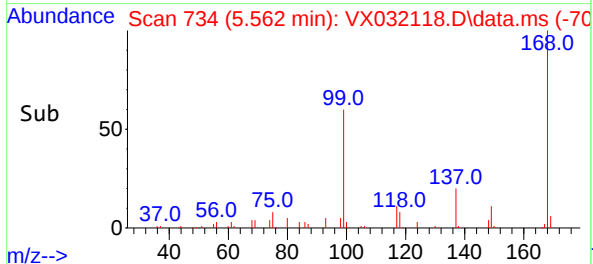
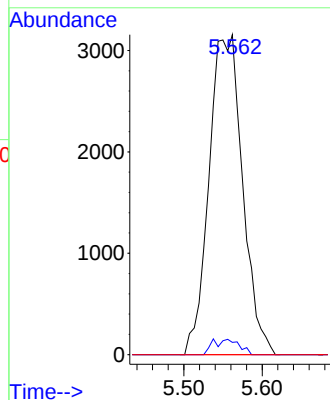
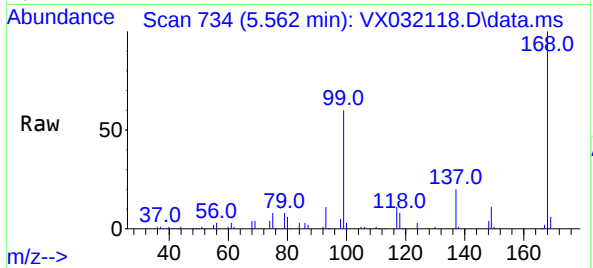




#38
Carbon Tetrachloride
Concen: 4.908 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

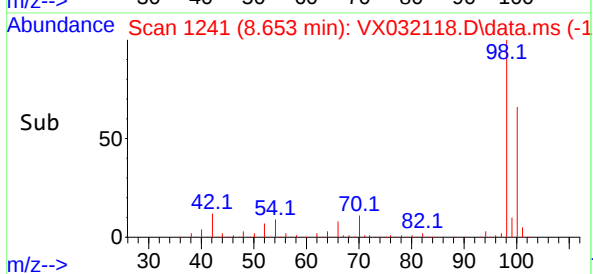
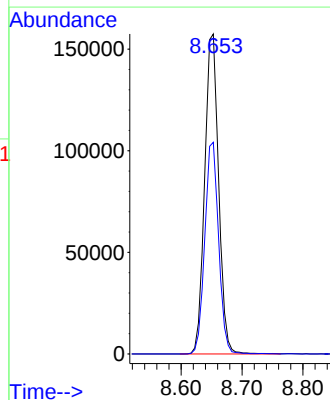
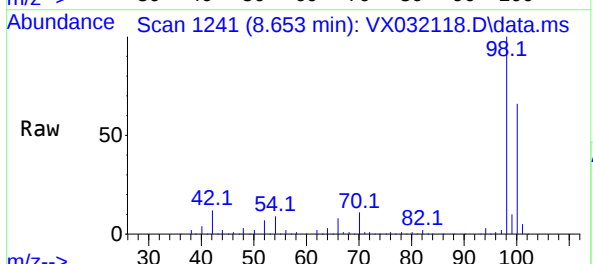
Instrument :
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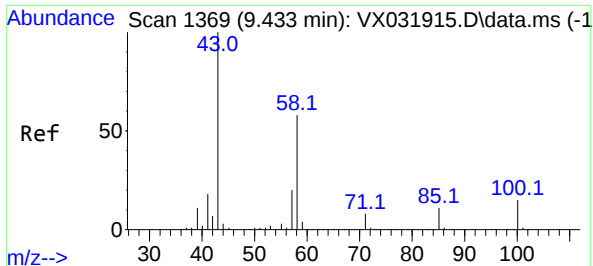
Tgt Ion:117 Resp: 9366
Ion Ratio Lower Upper
117 100
119 3.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion: 98 Resp: 251082
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

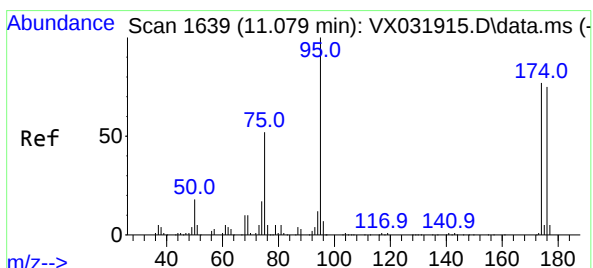
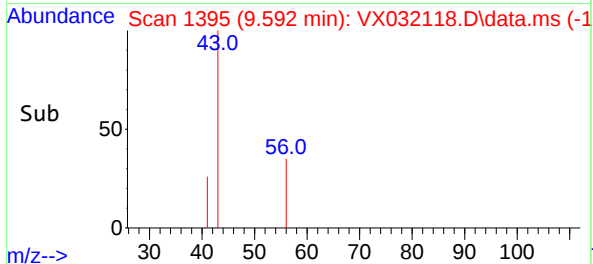
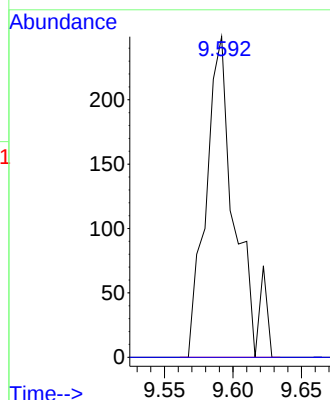
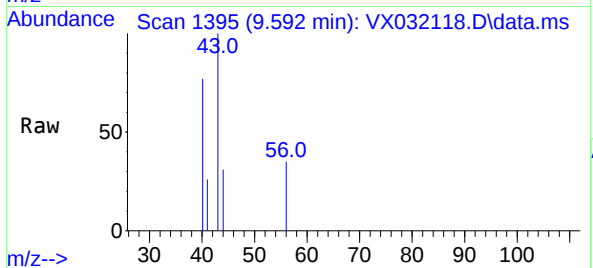




#59
2-Hexanone
Concen: 0.283 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.159 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

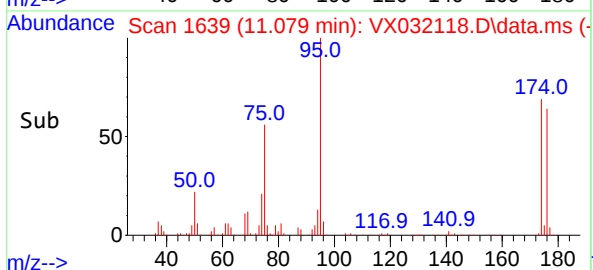
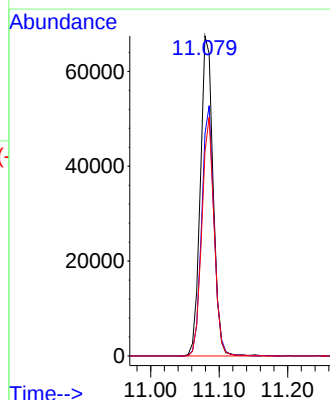
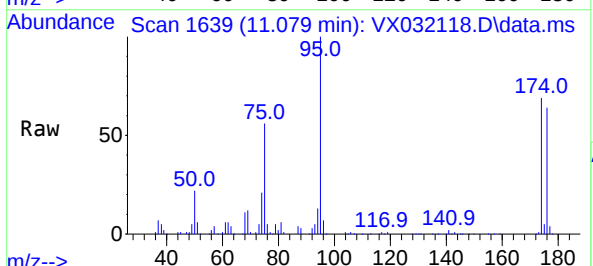
Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

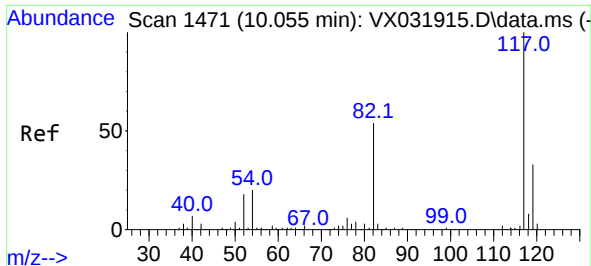
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.0#



#62
4-Bromofluorobenzene
Concen: 48.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion: 95 Resp: 87317
Ion Ratio Lower Upper
95 100
174 75.7 0.0 153.2
176 71.9 0.0 144.0

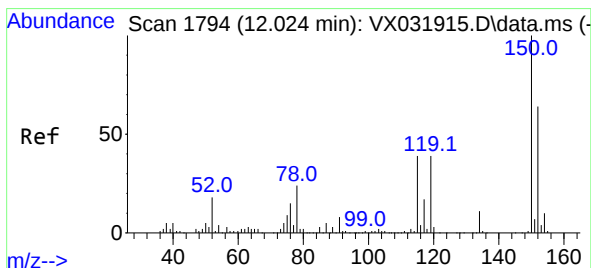
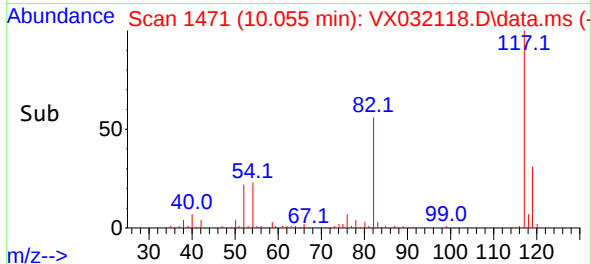
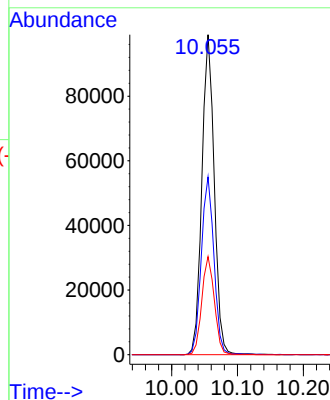
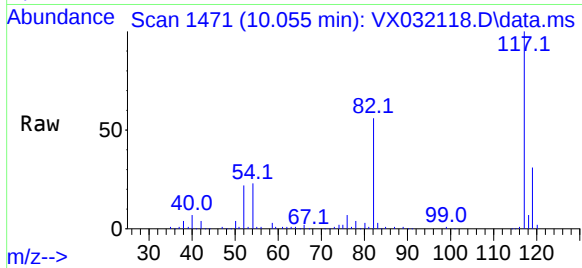




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

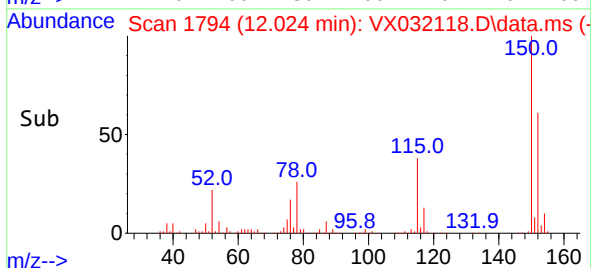
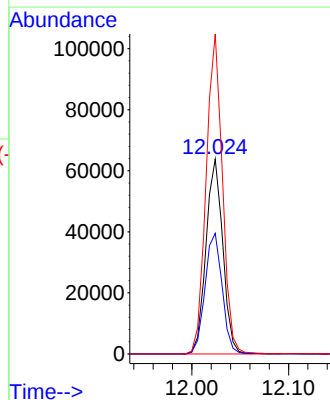
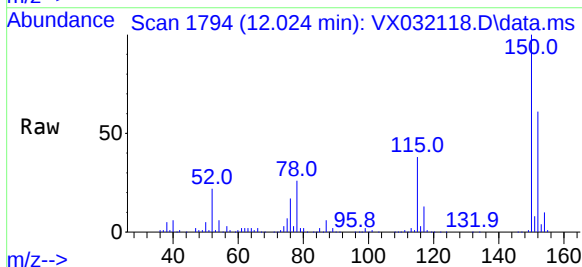
Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

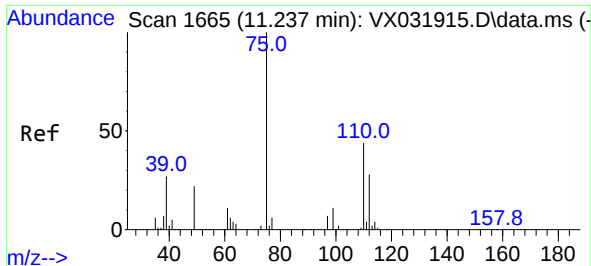
Tgt Ion:117 Resp: 129368
Ion Ratio Lower Upper
117 100
82 55.5 46.8 70.2
119 30.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

Tgt Ion:152 Resp: 77572
Ion Ratio Lower Upper
152 100
115 63.0 43.4 130.1
150 158.5 0.0 346.8

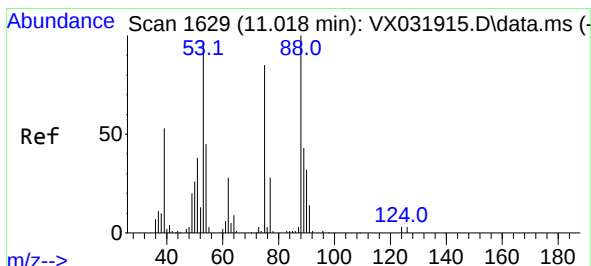
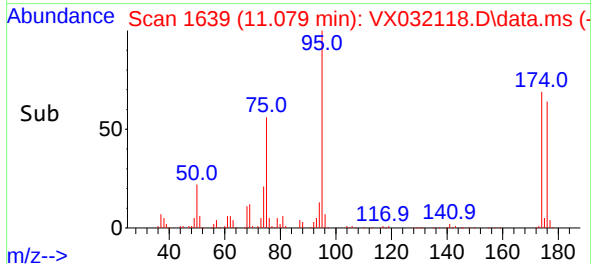
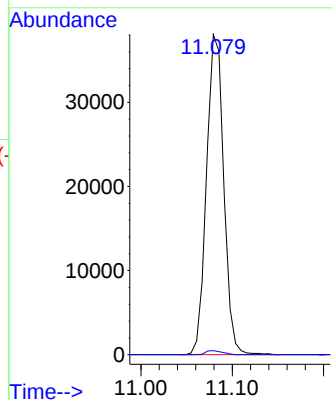
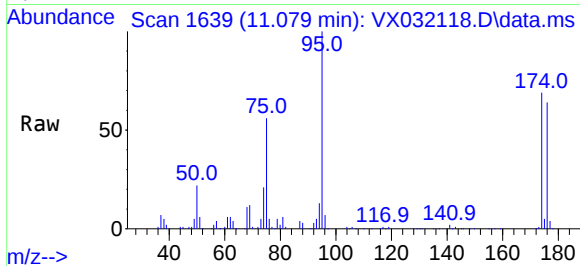




#76
1,2,3-Trichloropropane
Concen: 31.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

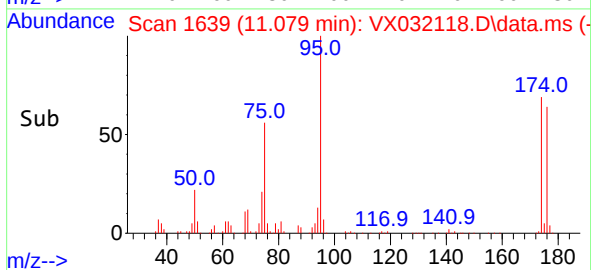
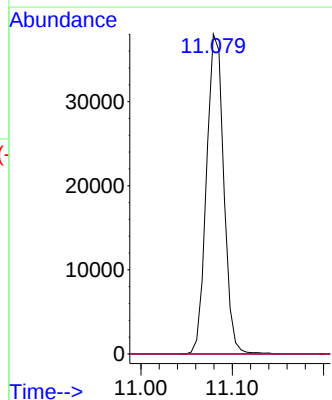
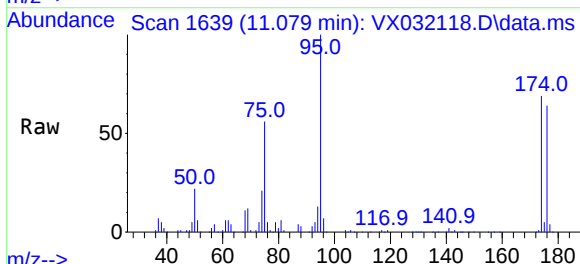
Instrument :
MSVOA_X
ClientSampleId :
HAS-WATER-1013

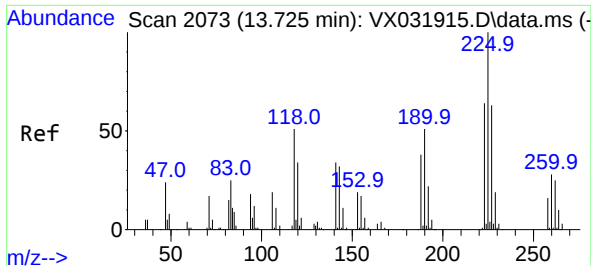
Tgt Ion: 75 Resp: 49752
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032118.D
Acq: 13 Oct 2022 18:33

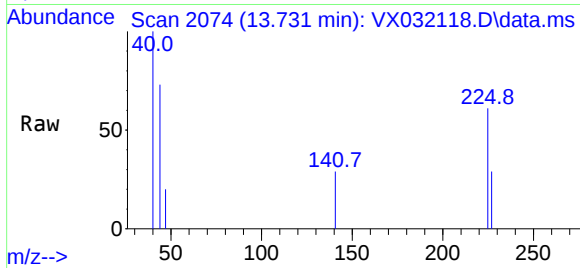
Tgt Ion: 75 Resp: 49752
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
 Hexachlorobutadiene
 Concen: 0.248 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX032118.D
 Acq: 13 Oct 2022 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 HAS-WATER-1013



Tgt Ion: 225 Resp: 166

Ion	Ratio	Lower	Upper
225	100		
223	13.9	30.8	92.4#
227	74.7	32.3	96.9

