

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028716.D
 Acq On : 14 May 2022 06:50
 Operator : JC/MD
 Sample : N2814-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HEATER-WATER

Quant Time: May 16 02:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

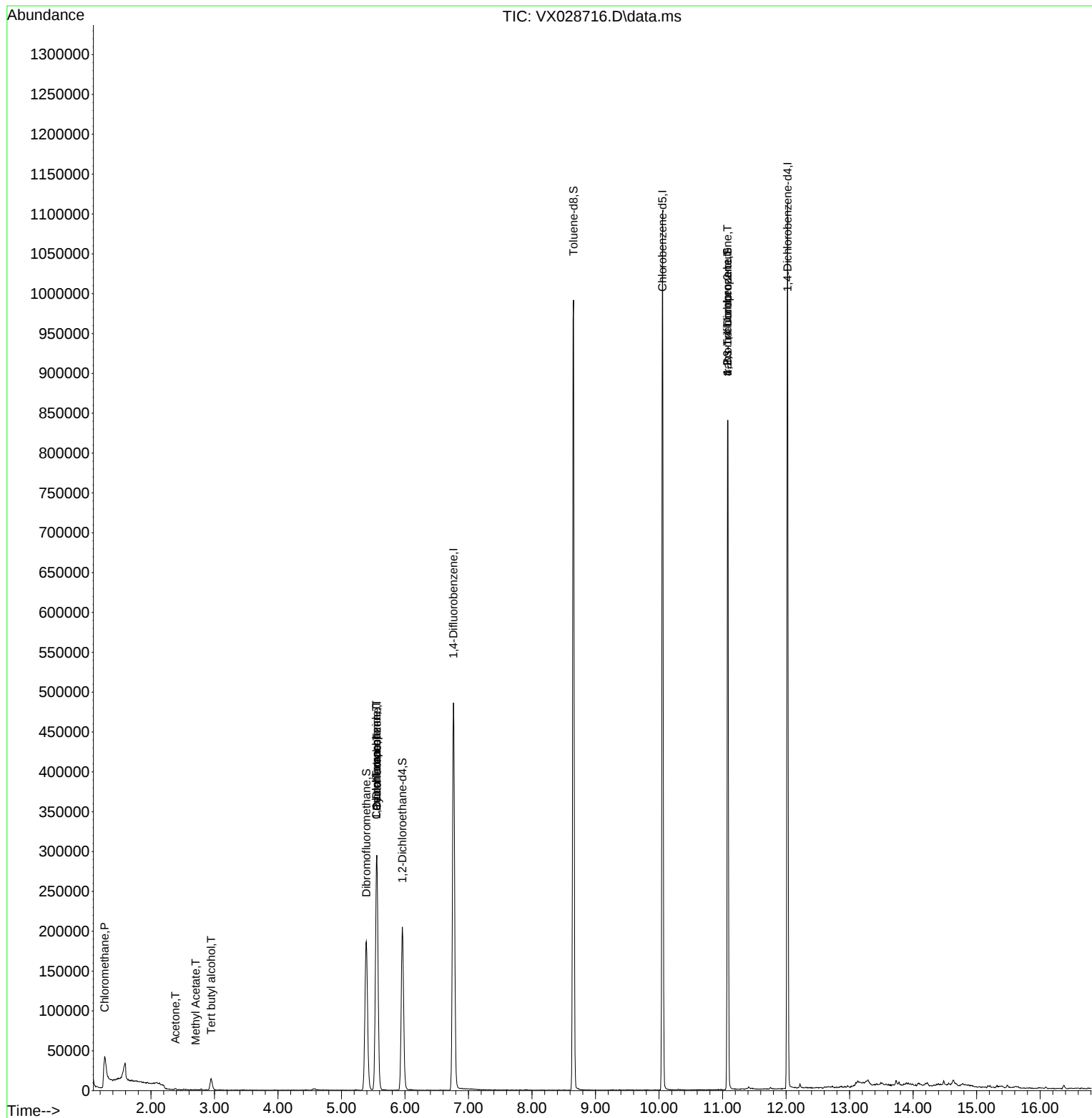
Internal Standards						
1) Pentafluorobenzene	5.556	168	270071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194147	52.443	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.880%	
35) Dibromofluoromethane	5.391	113	161956	49.840	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.680%	
50) Toluene-d8	8.653	98	595762	48.629	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	223018	48.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	1184	0.356	ug/l #	42
5) Bromomethane	1.617	94	546	Below Cal		98
6) Chloroethane	1.483	64	2738	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	10138	5.087	ug/l #	87
16) Acetone	2.386	43	1517	0.955	ug/l	94
18) Methyl Acetate	2.703	43	1103	0.277	ug/l #	80
31) Cyclohexane	5.556	56	6786	1.321	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22479	4.606	ug/l #	49
38) Carbon Tetrachloride	5.550	117	28840	5.872	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	118798	23.144	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	118798	67.570	ug/l #	15

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

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Instrument :
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HEATER-WATER

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

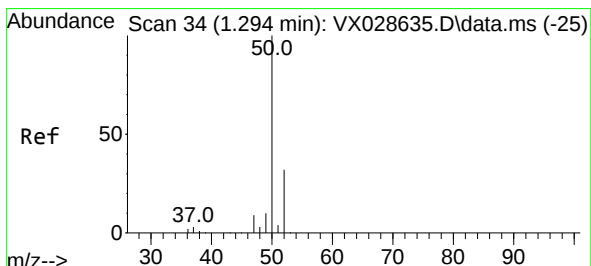
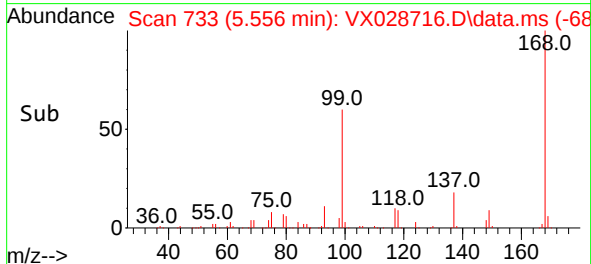
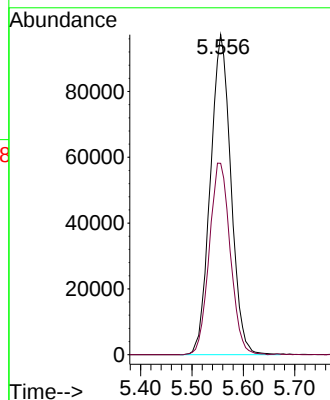
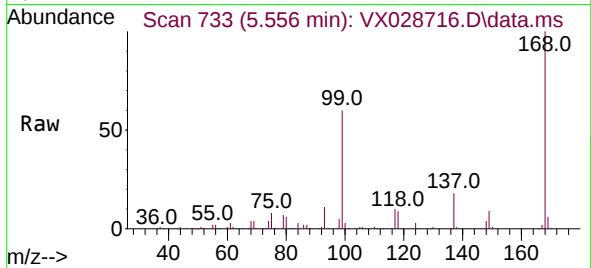




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

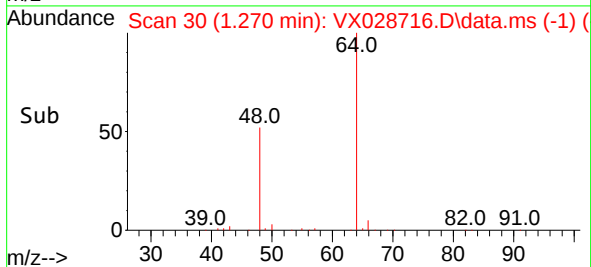
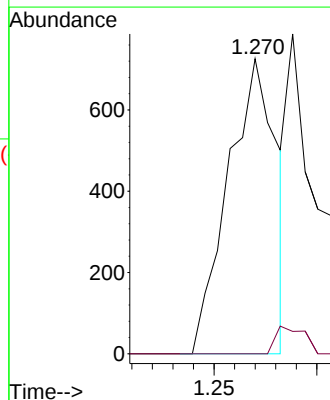
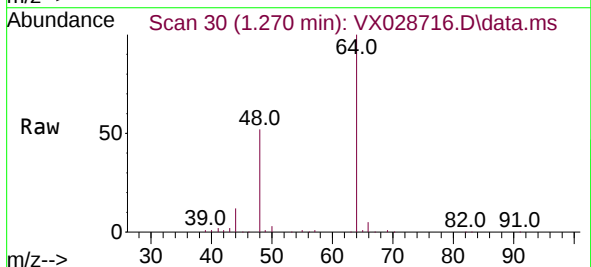
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

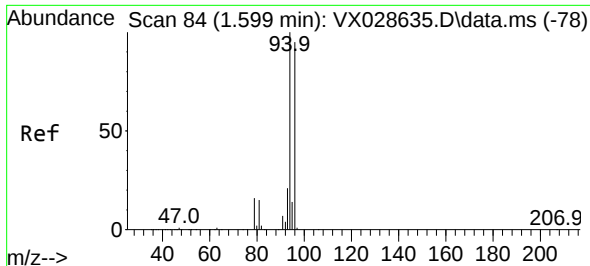
Tgt Ion:168 Resp: 270071
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#3
Chloromethane
Concen: 0.356 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 50 Resp: 1184
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

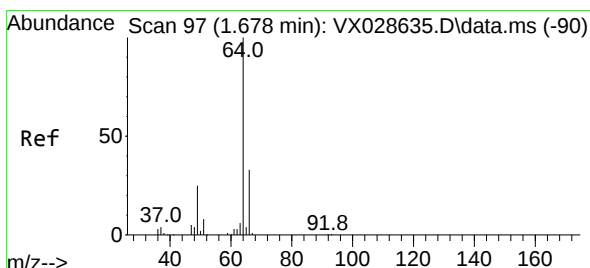
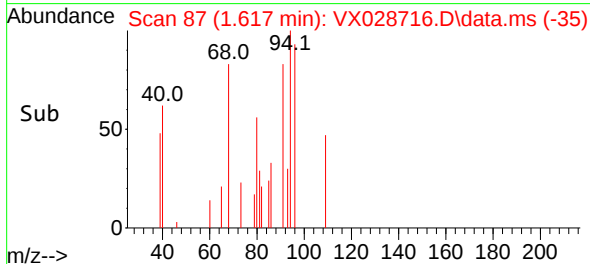
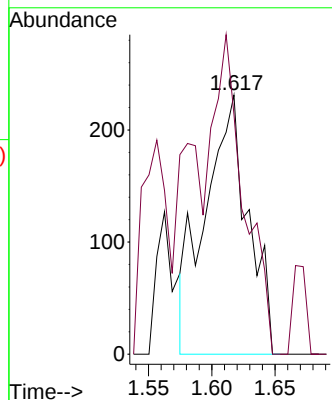
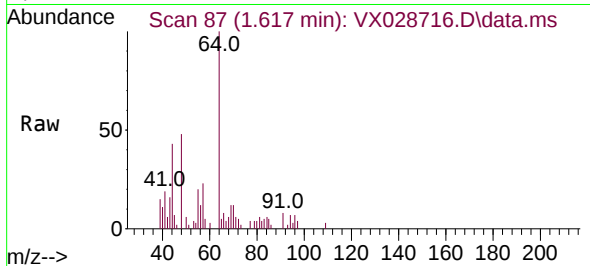




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

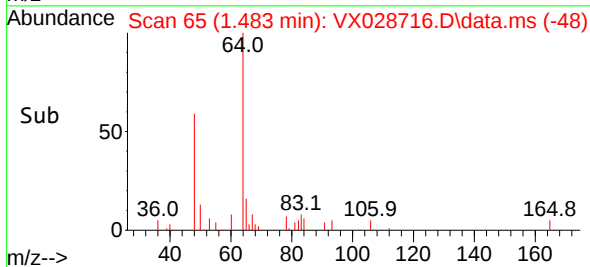
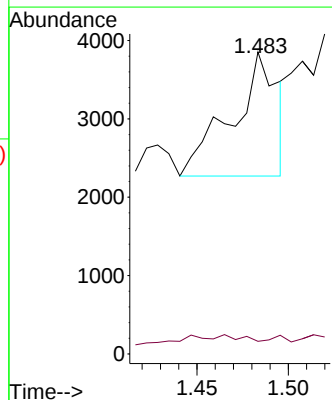
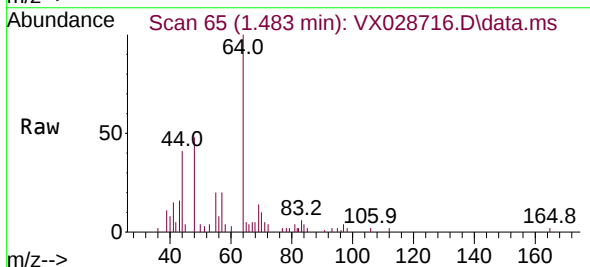
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

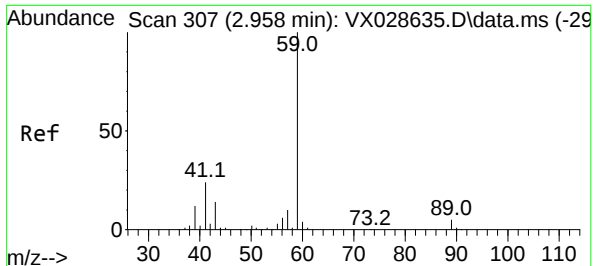
Tgt Ion: 94 Resp: 546
Ion Ratio Lower Upper
94 100
96 92.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.483 min Scan# 65
Delta R.T. -0.195 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 64 Resp: 2738
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 5.087 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX028716.D

Acq: 14 May 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

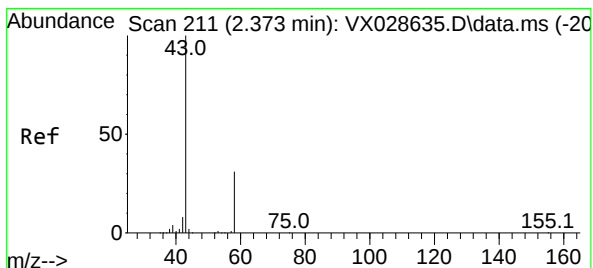
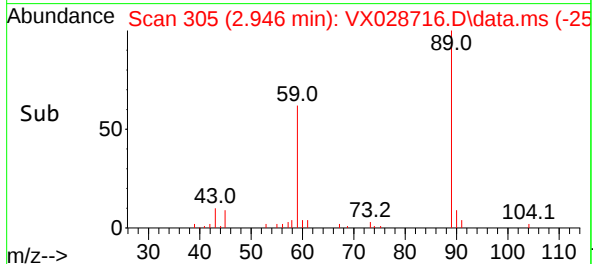
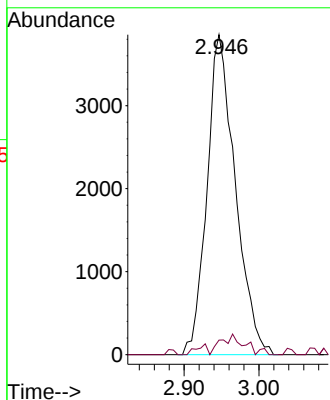
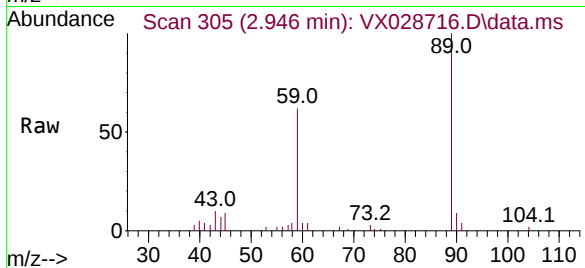
HEATER-WATER

Tgt Ion: 59 Resp: 10138

Ion Ratio Lower Upper

59 100

57 5.4 8.3 12.5#



#16

Acetone

Concen: 0.955 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX028716.D

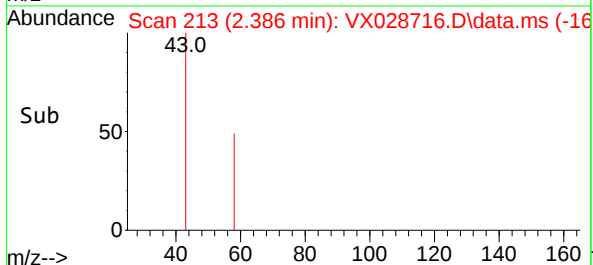
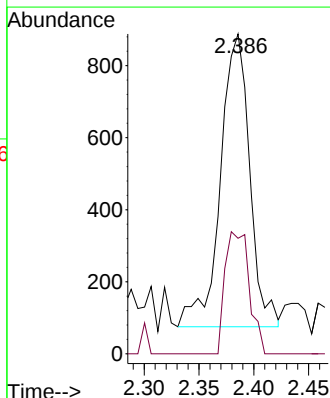
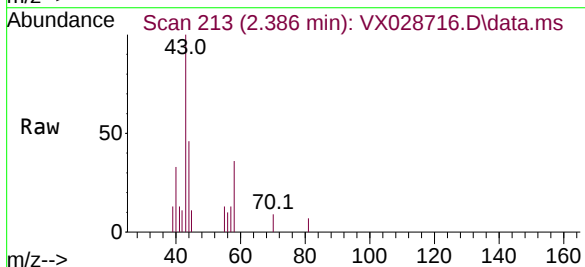
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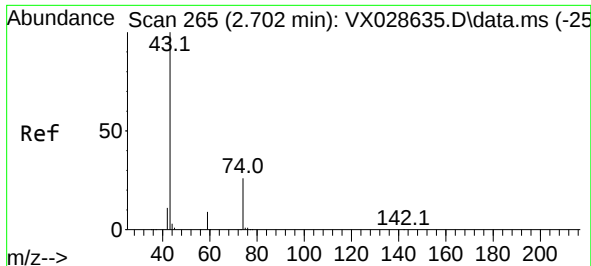
Tgt Ion: 43 Resp: 1517

Ion Ratio Lower Upper

43 100

58 39.5 28.8 43.2

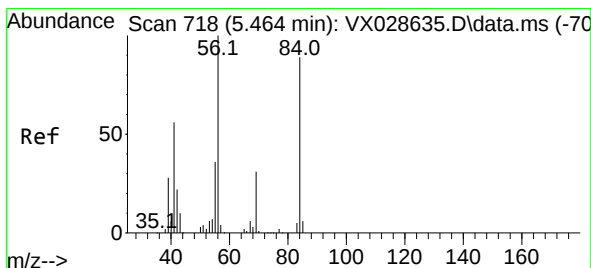
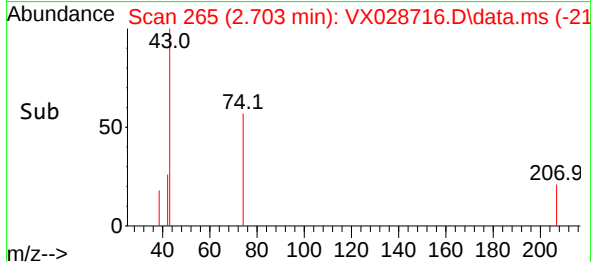
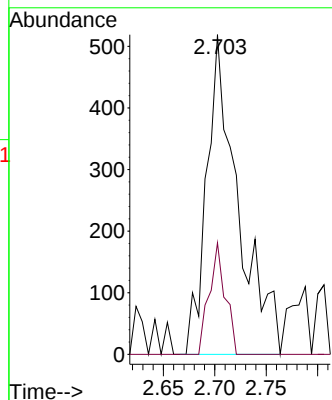
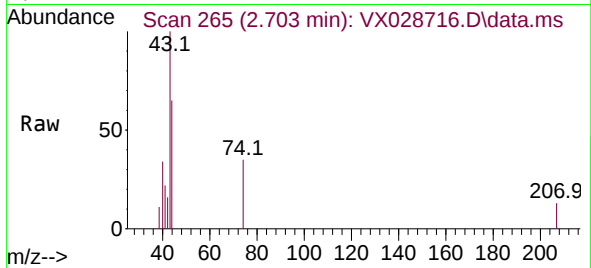




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.703 min Scan# 210
Delta R.T. 0.001 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

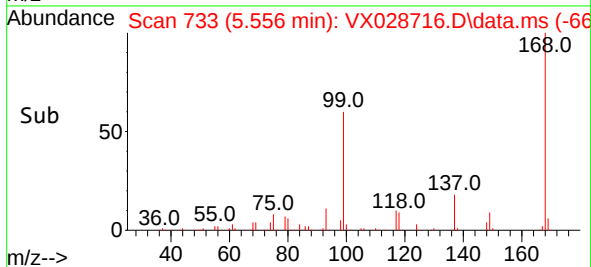
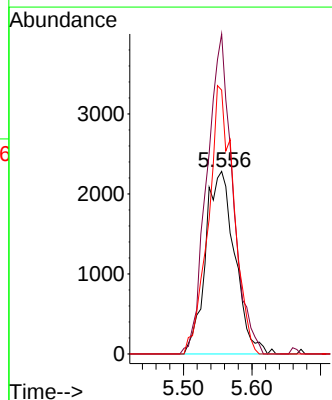
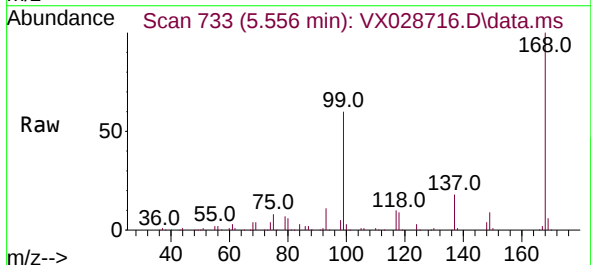
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

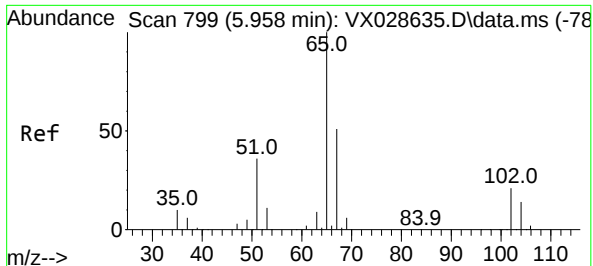
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
74 17.9 22.8 34.2#



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 56 Resp: 6786
Ion Ratio Lower Upper
56 100
69 175.3 26.7 40.1#
84 144.6 77.2 115.8#

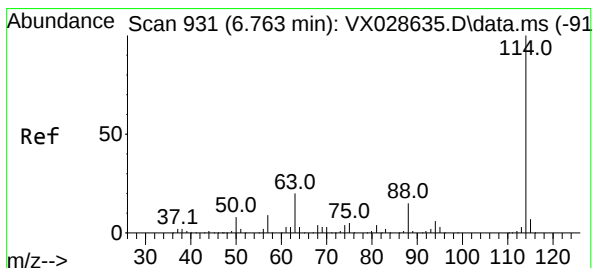
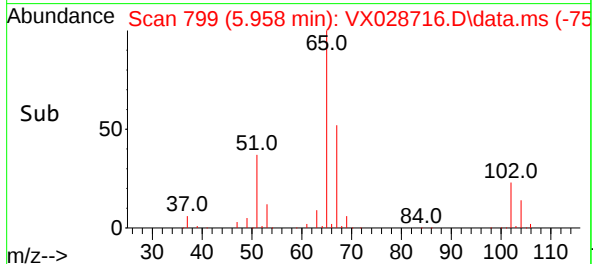
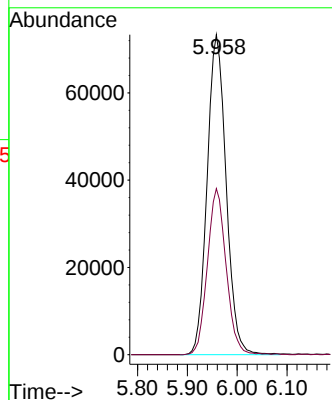
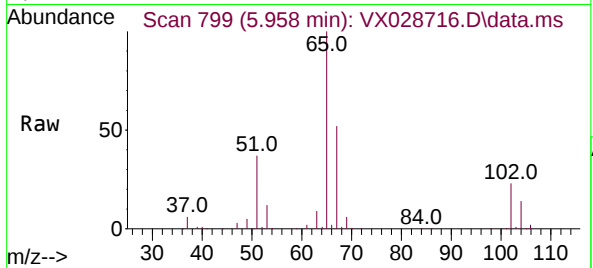




#33
 1,2-Dichloroethane-d4
 Concen: 52.443 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028716.D
 Acq: 14 May 2022 06:50

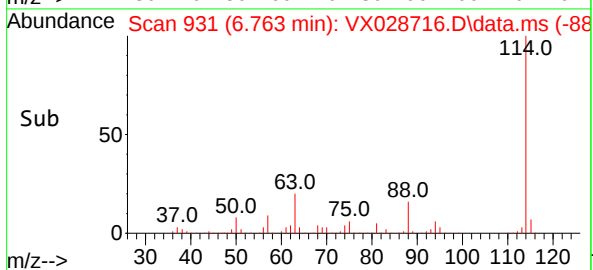
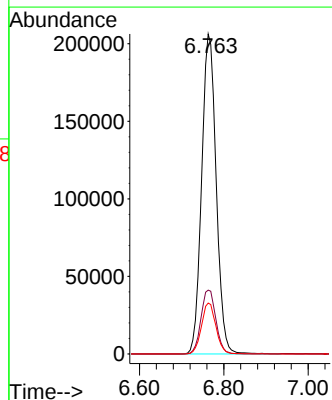
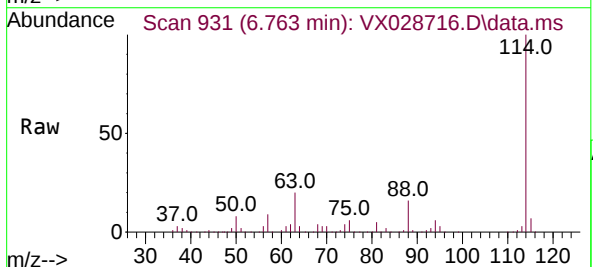
Instrument :
 MSVOA_X
 ClientSampleId :
 HEATER-WATER

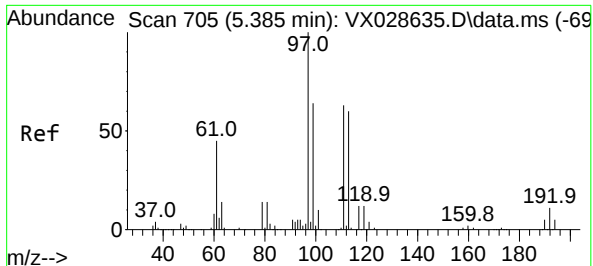
Tgt Ion: 65 Resp: 194147
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028716.D
 Acq: 14 May 2022 06:50

Tgt Ion: 114 Resp: 495965
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.8
 88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.840 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028716.D

Acq: 14 May 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

HEATER-WATER

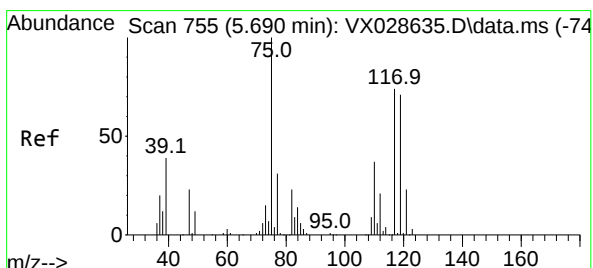
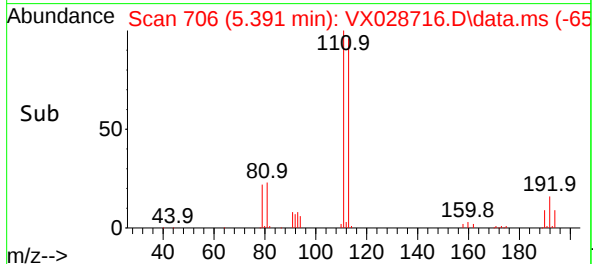
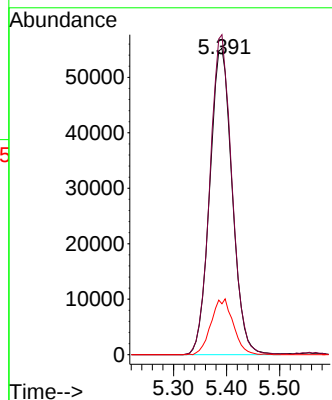
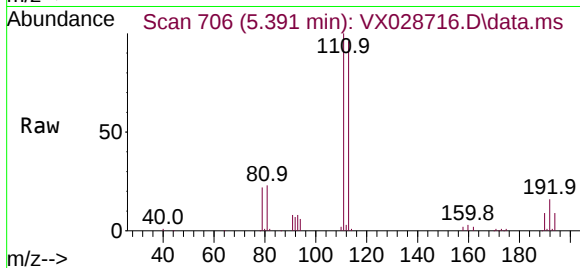
Tgt Ion:113 Resp: 161956

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.606 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028716.D

Acq: 14 May 2022 06:50

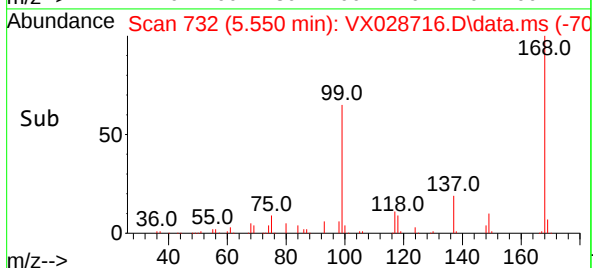
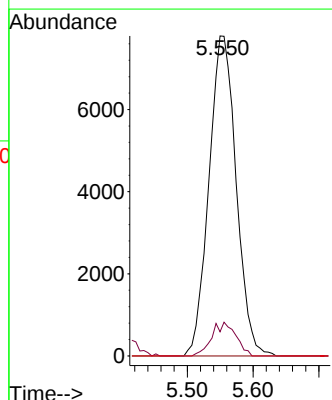
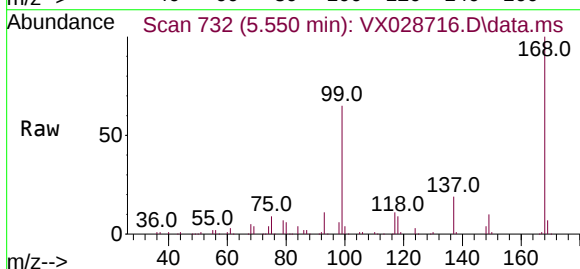
Tgt Ion: 75 Resp: 22479

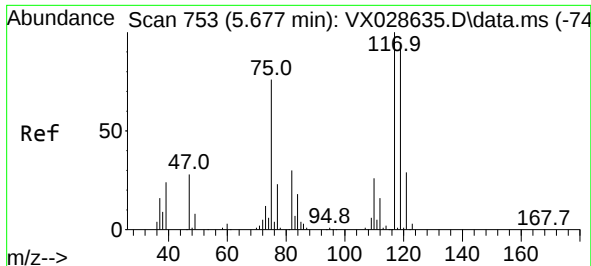
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

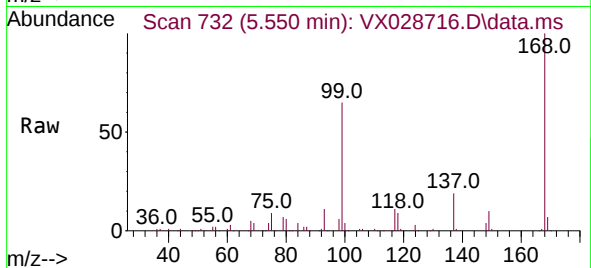
77 0.0 24.8 37.2#



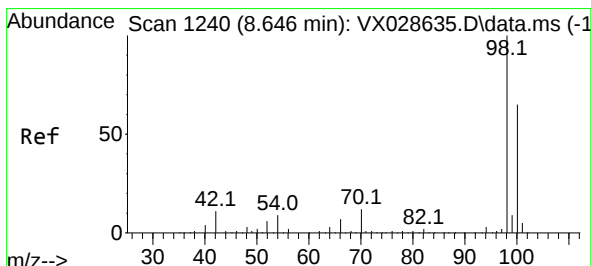
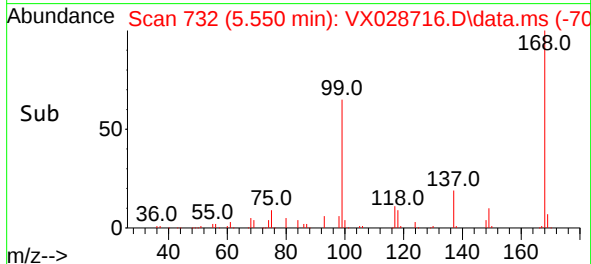
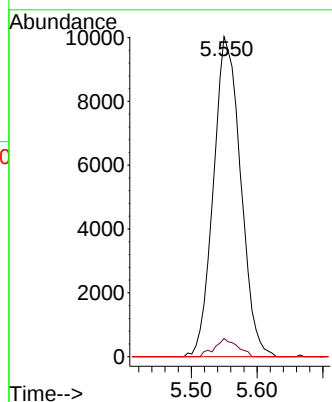


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

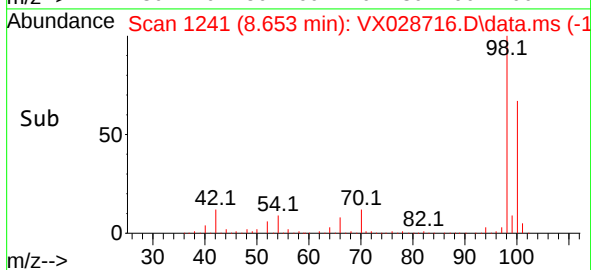
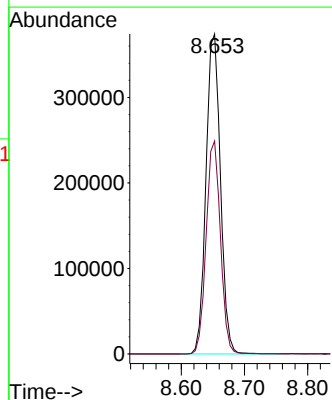
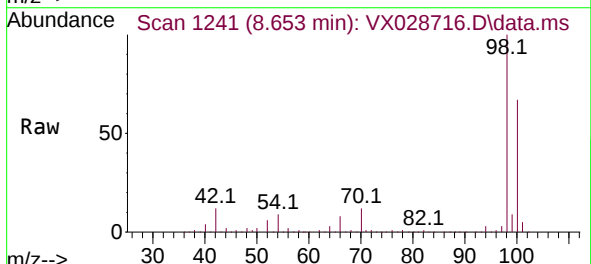


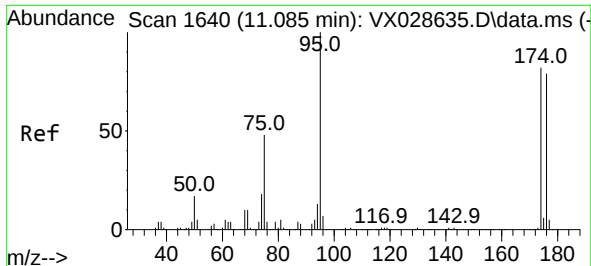
Tgt Ion:117 Resp: 28840
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 98 Resp: 595762
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

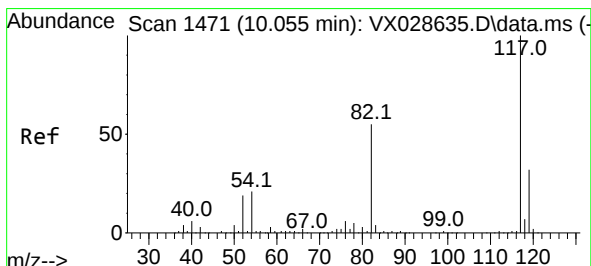
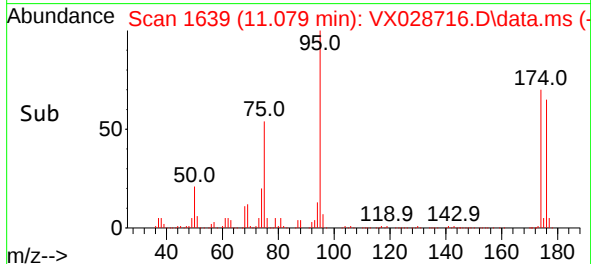
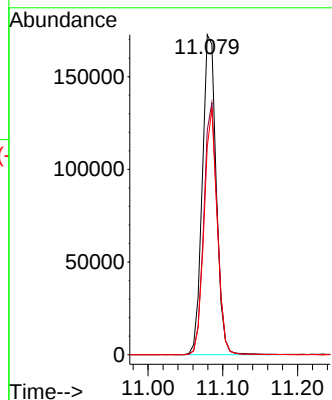
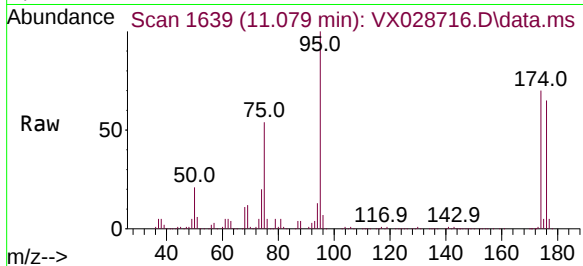




#62
4-Bromofluorobenzene
Concen: 48.737 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

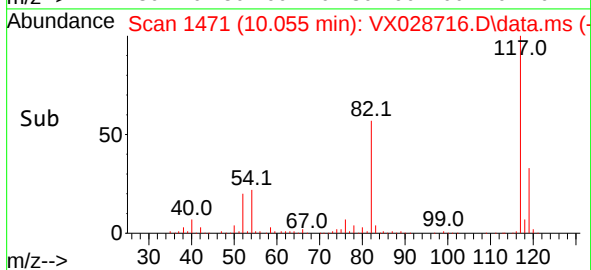
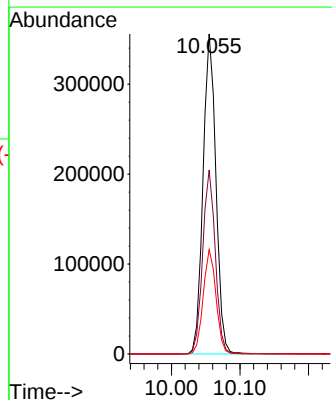
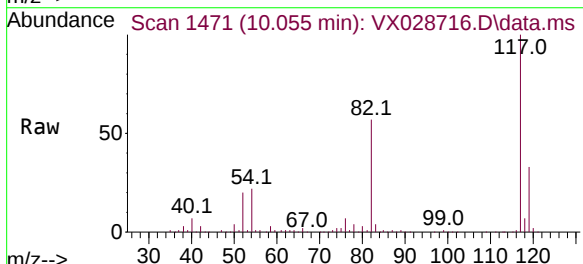
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

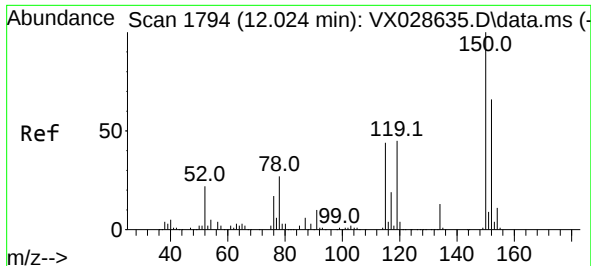
Tgt Ion: 95 Resp: 223018
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 117 Resp: 466669
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.6 24.8 37.2

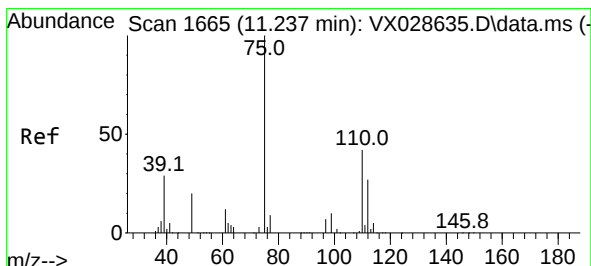
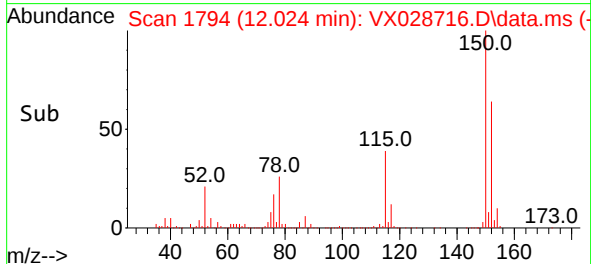
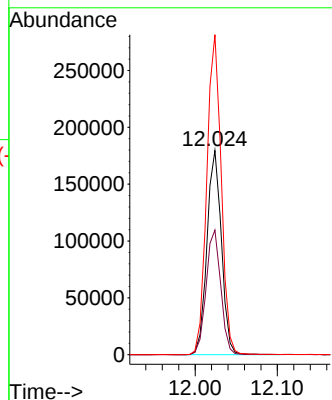
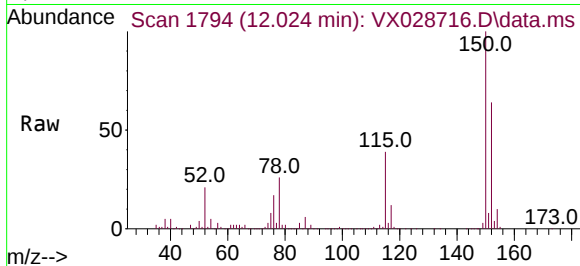




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028716.D
 Acq: 14 May 2022 06:50

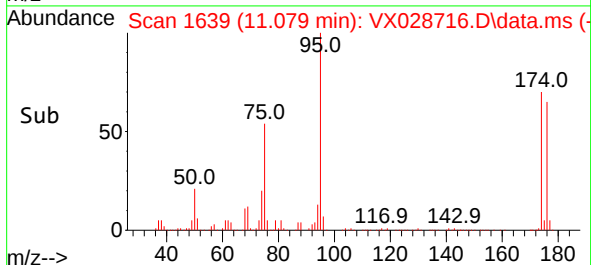
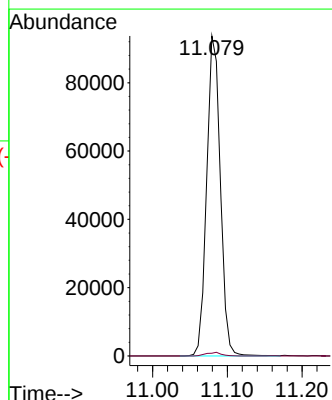
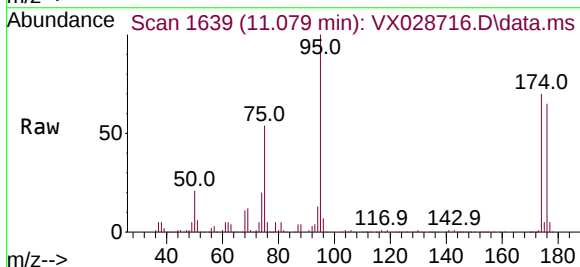
Instrument :
 MSVOA_X
 ClientSampleId :
 HEATER-WATER

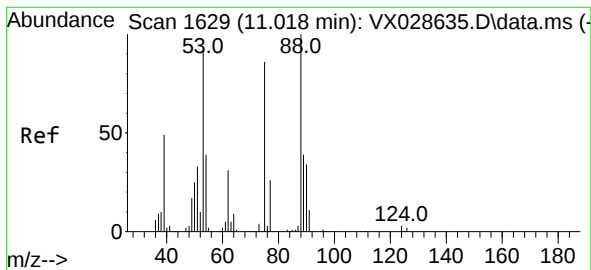
Tgt Ion:152 Resp: 219182
 Ion Ratio Lower Upper
 152 100
 115 61.9 37.5 112.7
 150 156.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.144 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028716.D
 Acq: 14 May 2022 06:50

Tgt Ion: 75 Resp: 118798
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.570 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028716.D
 Acq: 14 May 2022 06:50

Instrument :
 MSVOA_X
 ClientSampleId :
 HEATER-WATER

Tgt Ion: 75 Resp: 118798
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

