

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029170.D
 Acq On : 03 Jun 2022 05:55
 Operator : JC/MD
 Sample : N3164-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32S-20220531

Quant Time: Jun 03 06:30:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

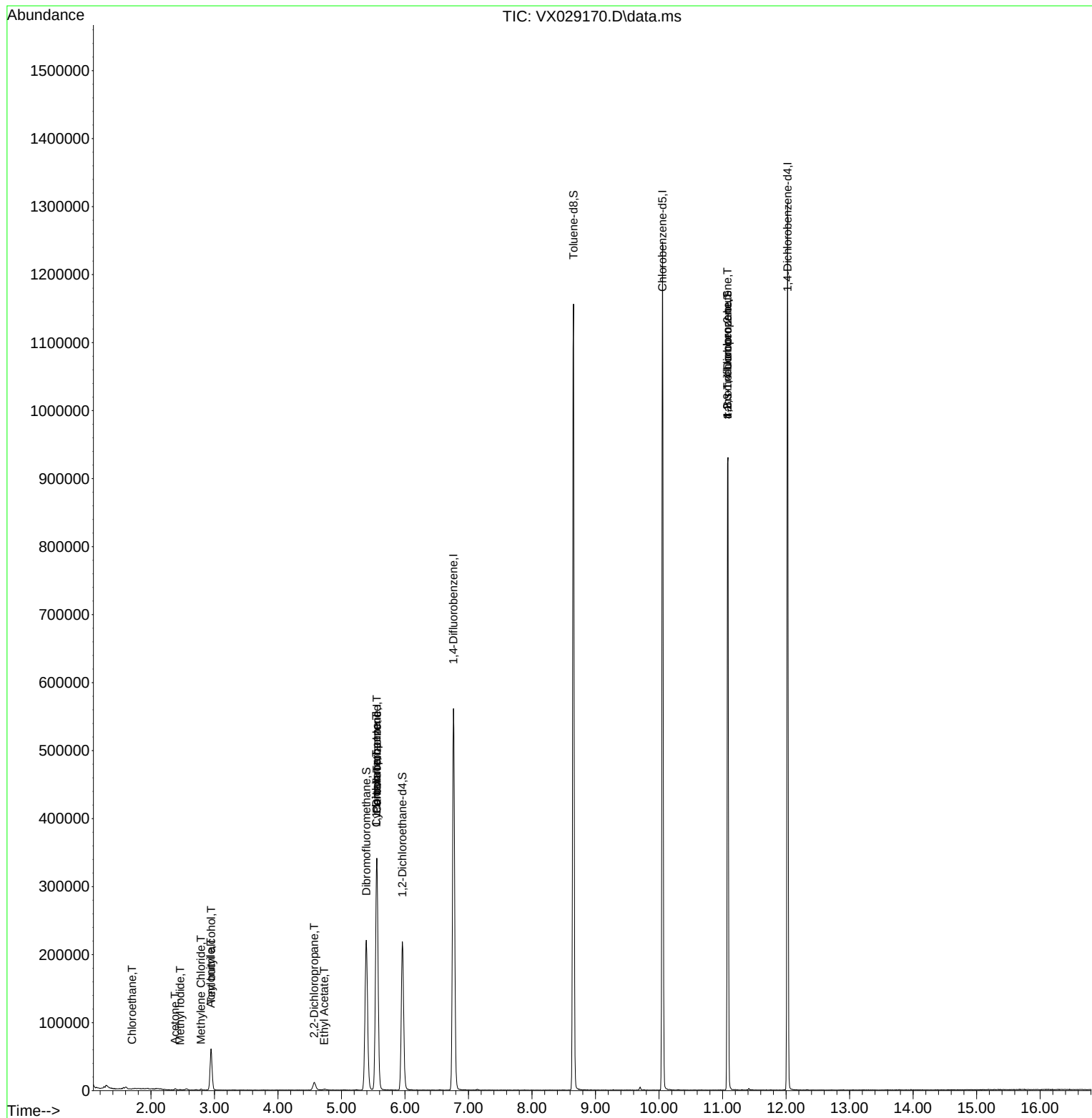
Internal Standards						
1) Pentafluorobenzene	5.556	168	322621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	573727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208736	57.376	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.760%			
35) Dibromofluoromethane	5.391	113	194499	49.105	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.200%			
50) Toluene-d8	8.653	98	699654	48.297	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.600%			
62) 4-Bromofluorobenzene	11.079	95	275151	49.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	784	Below Cal	#	66
6) Chloroethane	1.703	64	381	1.536	ug/l #	43
10) Methyl Iodide	2.459	142	770	4.420	ug/l #	79
11) Tert butyl alcohol	2.947	59	33714	40.004	ug/l #	76
15) Acrylonitrile	2.940	53	519	0.299	ug/l #	26
16) Acetone	2.380	43	2385	1.665	ug/l #	76
20) Methylene Chloride	2.788	84	744	0.223	ug/l #	72
26) 2,2-Dichloropropane	4.568	77	1011	0.228	ug/l #	52
31) Cyclohexane	5.550	56	6147	1.300	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24594	4.826	ug/l #	49
37) Ethyl Acetate	4.727	43	1093	0.221	ug/l #	70
38) Carbon Tetrachloride	5.556	117	33037	5.672	ug/l #	16
44) Trichloroethene	7.135	130	516	Below Cal		84
76) 1,2,3-Trichloropropane	11.079	75	131890	24.485	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	131890	71.834	ug/l #	15

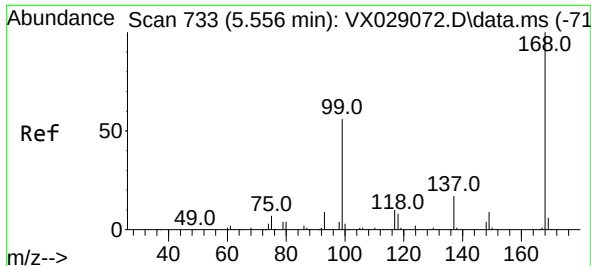
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
Data File : VX029170.D
Acq On : 03 Jun 2022 05:55
Operator : JC/MD
Sample : N3164-10 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

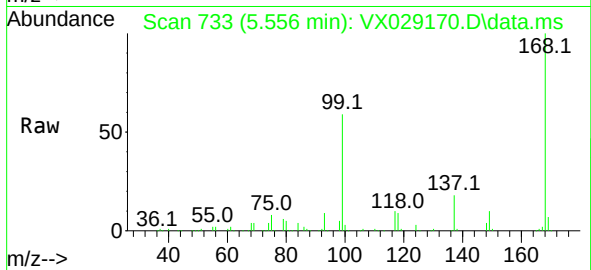
Quant Time: Jun 03 06:30:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



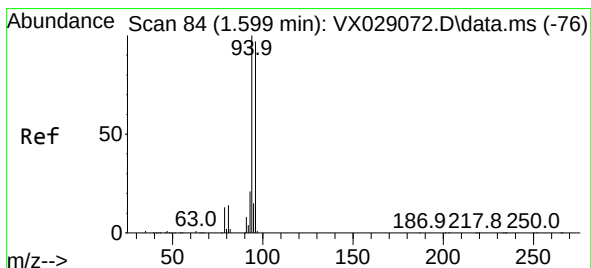
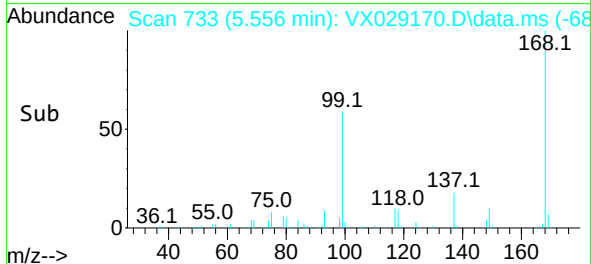
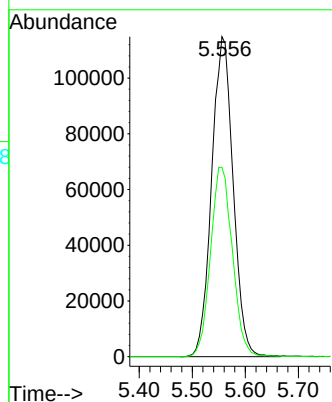


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

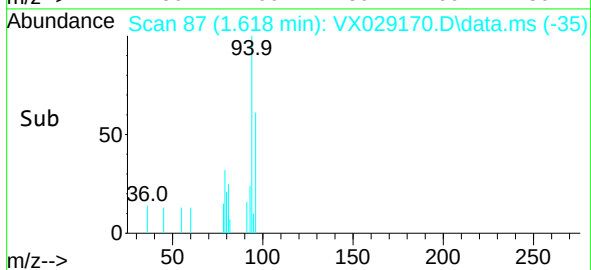
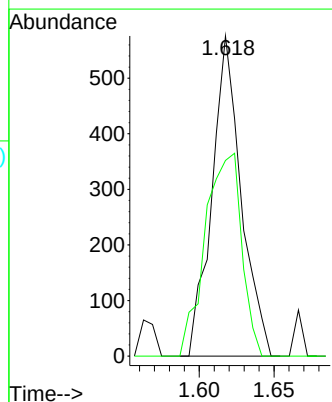
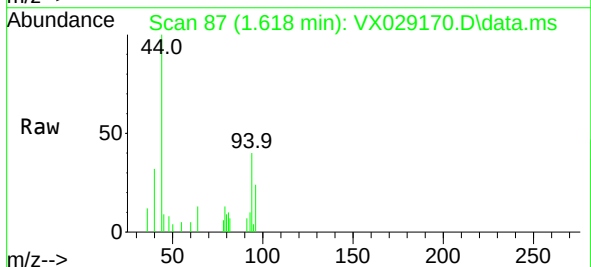


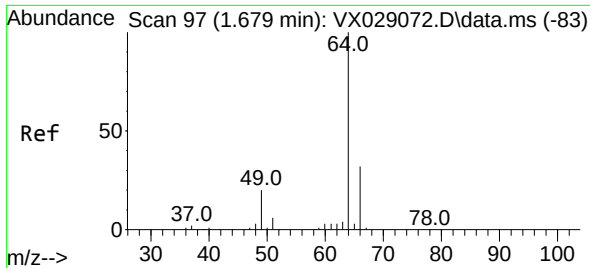
Tgt Ion:168 Resp: 322621
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 61.1 75.3 112.9#

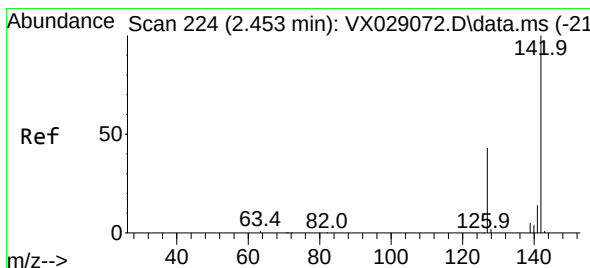
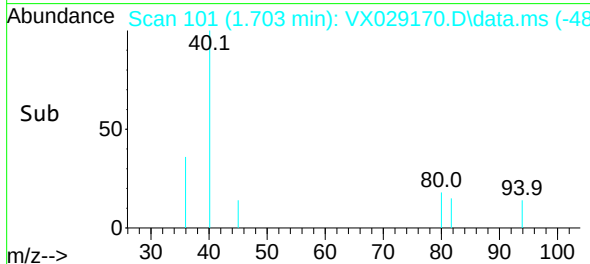
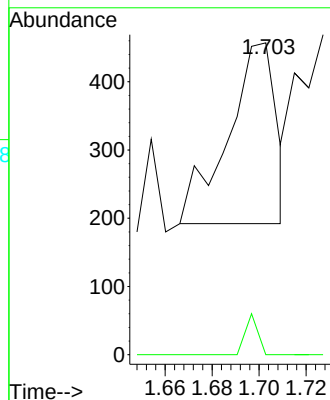
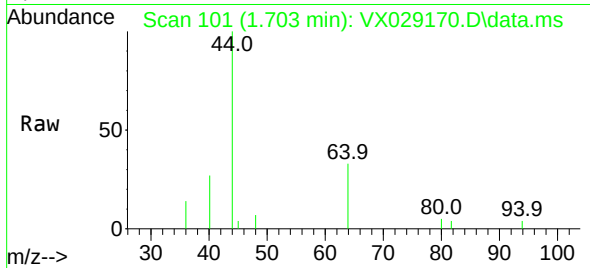




#6
Chloroethane
Concen: 1.536 ug/l
RT: 1.703 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

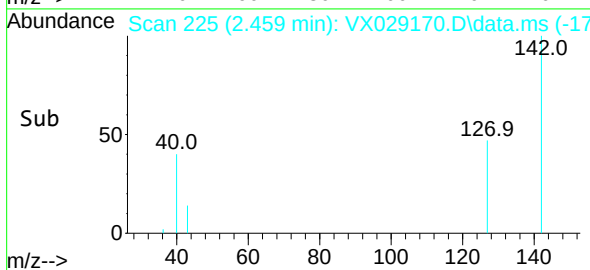
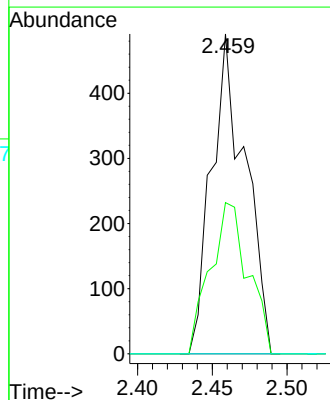
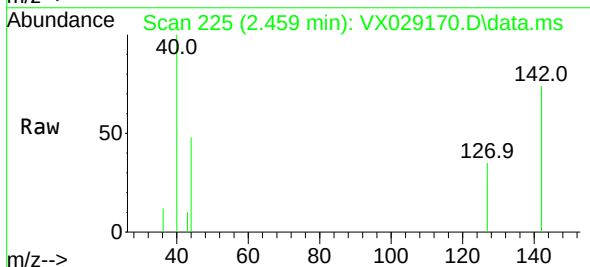
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

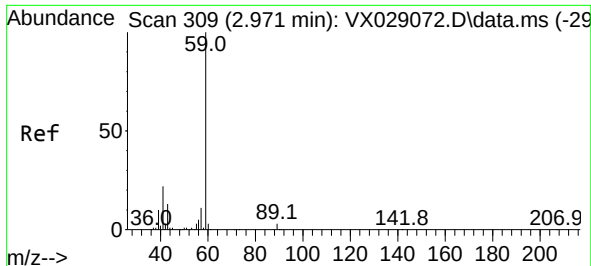
Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.420 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 142 Resp: 770
Ion Ratio Lower Upper
142 100
127 53.1 33.9 50.9#
141 0.0 11.4 17.2#

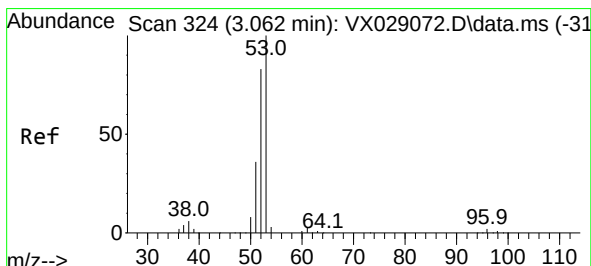
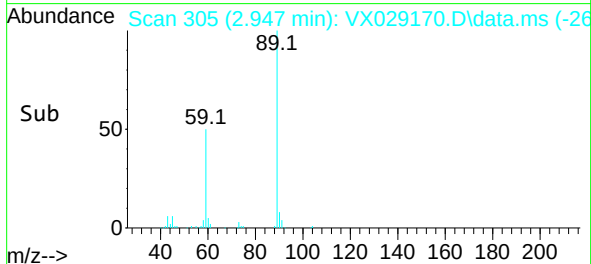
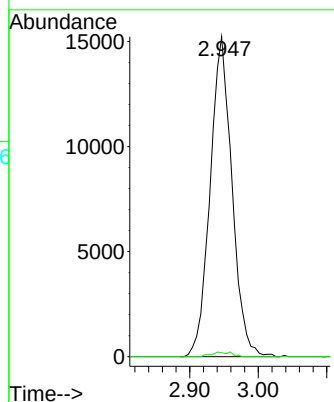
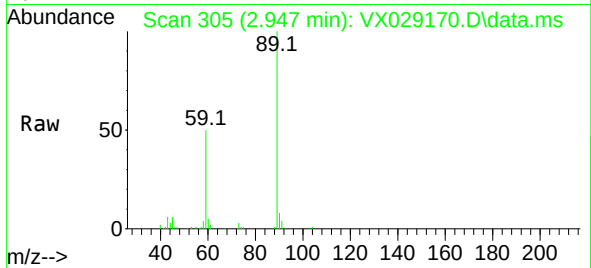




#11
Tert butyl alcohol
Concen: 40.004 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

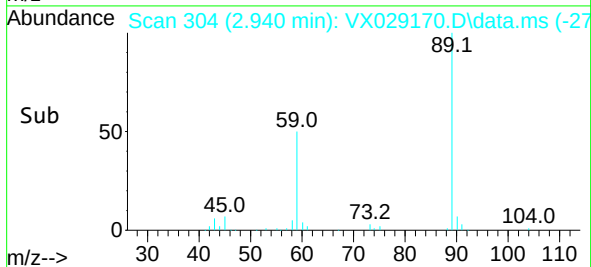
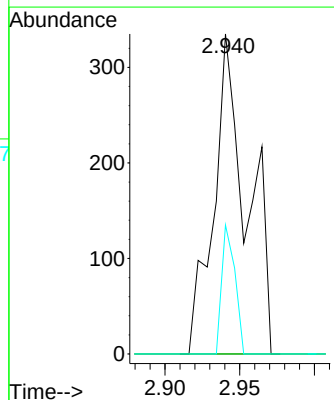
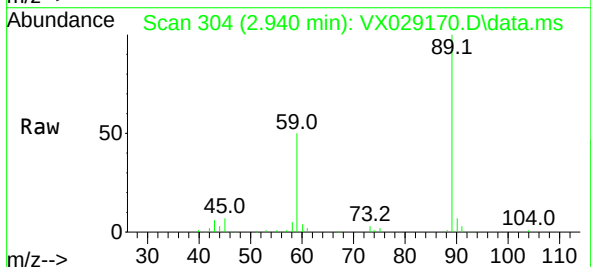
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

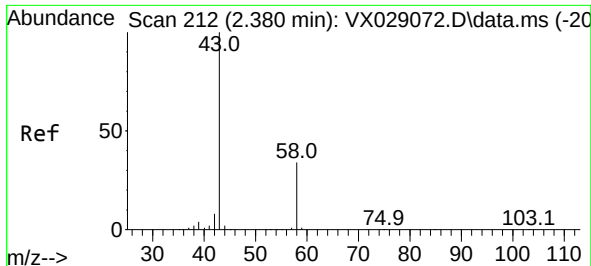
Tgt Ion: 59 Resp: 33714
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#15
Acrylonitrile
Concen: 0.299 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 53 Resp: 519
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 15.8 28.4 42.6#

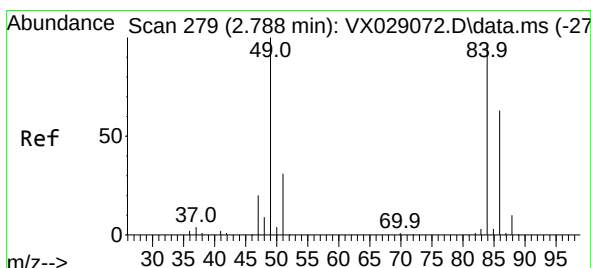
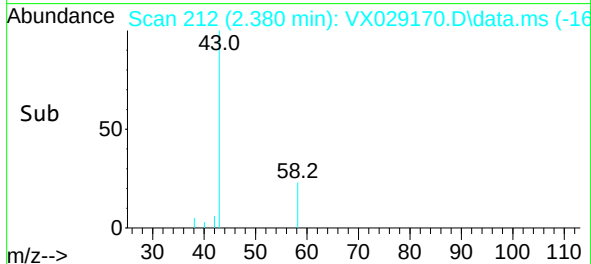
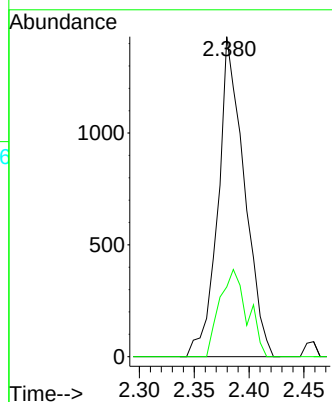
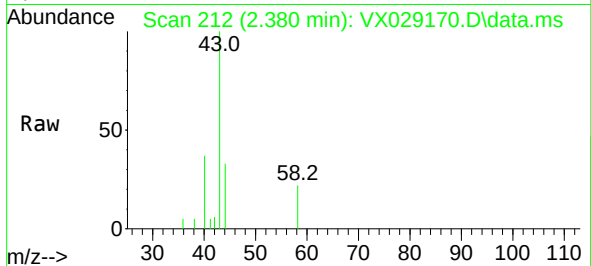




#16
Acetone
Concen: 1.665 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

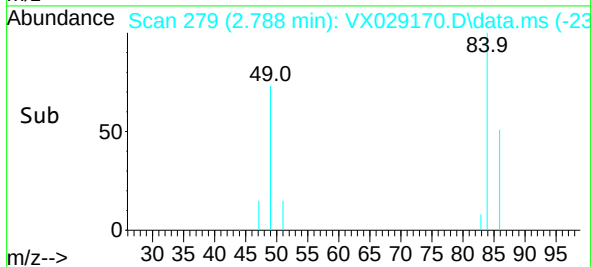
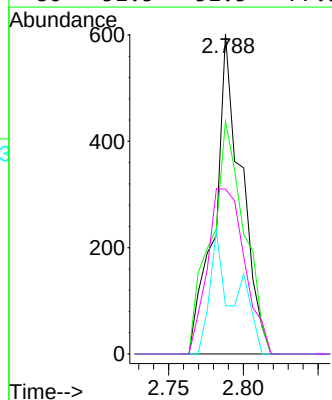
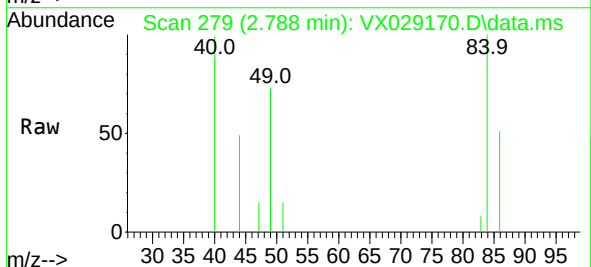
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

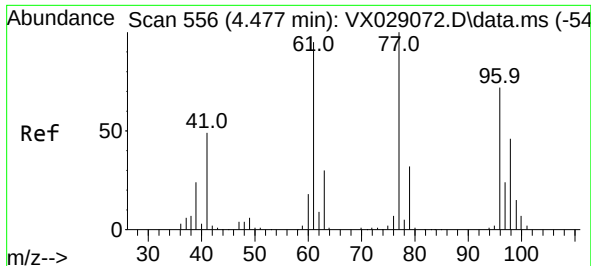
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 21.8 28.8 43.2#



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 72.8 85.5 128.3#
51 15.1 26.6 39.8#
86 51.5 51.5 77.3#





#26

2,2-Dichloropropane

Concen: 0.228 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

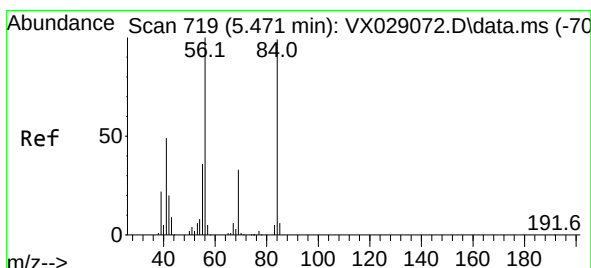
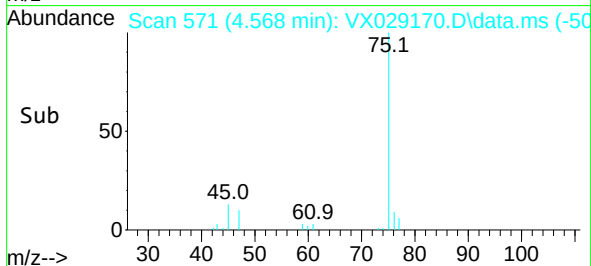
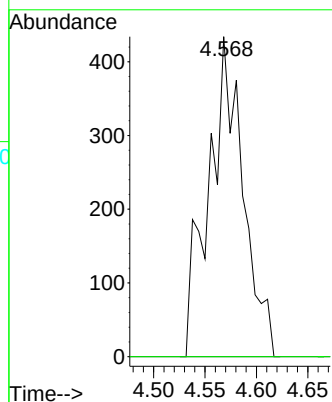
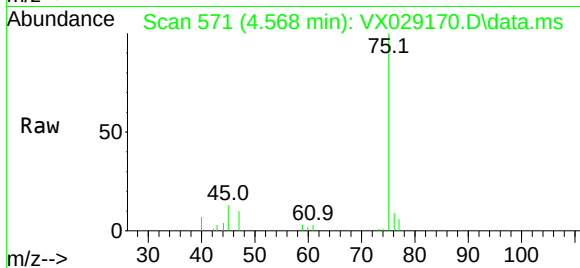
32S-20220531

Tgt Ion: 77 Resp: 1011

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#31

Cyclohexane

Concen: 1.300 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

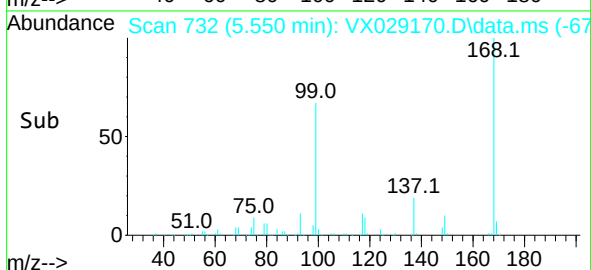
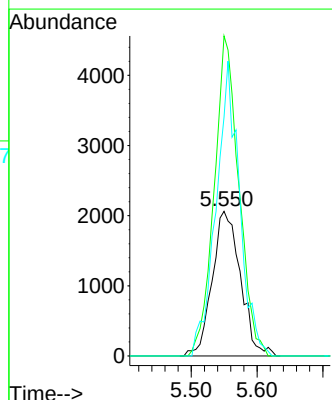
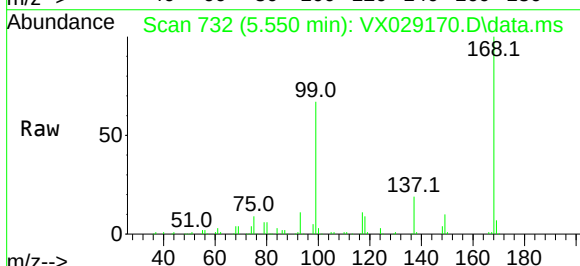
Tgt Ion: 56 Resp: 6147

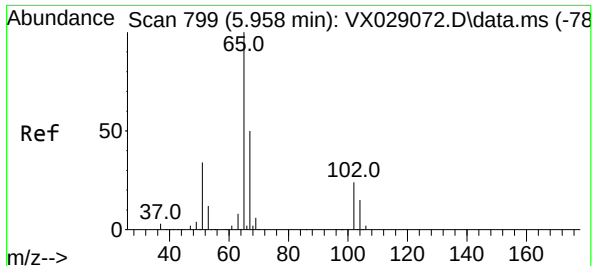
Ion Ratio Lower Upper

56 100

69 221.2 26.7 40.1#

84 165.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.376 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

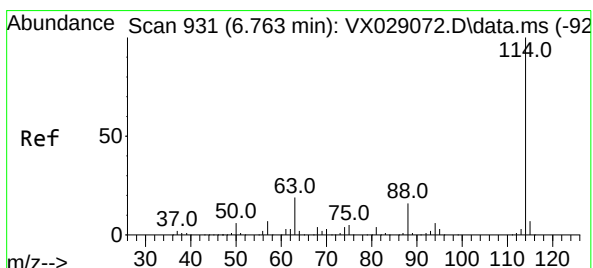
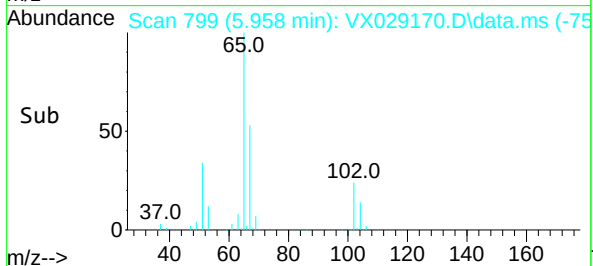
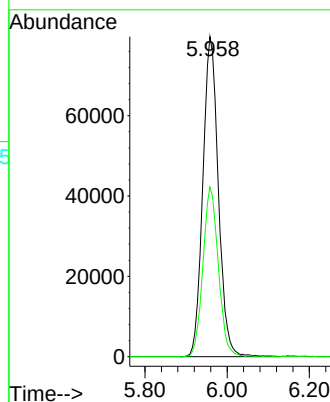
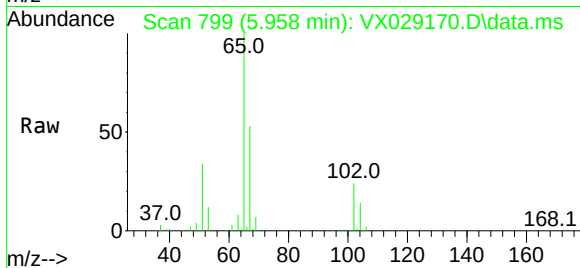
32S-20220531

Tgt Ion: 65 Resp: 208736

Ion Ratio Lower Upper

65 100

67 52.5 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: VX029170.D

Acq: 03 Jun 2022 05:55

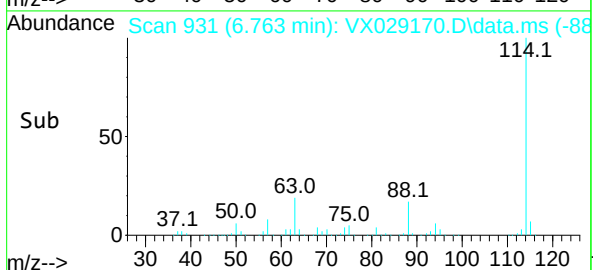
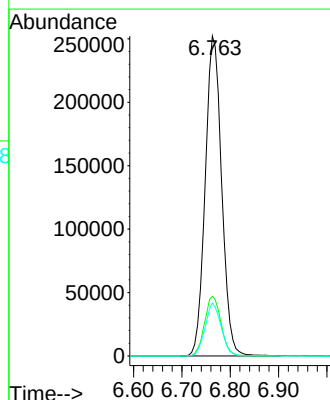
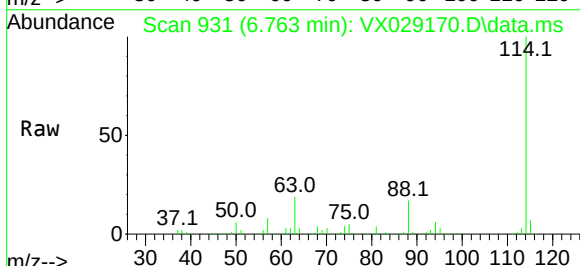
Tgt Ion: 114 Resp: 596320

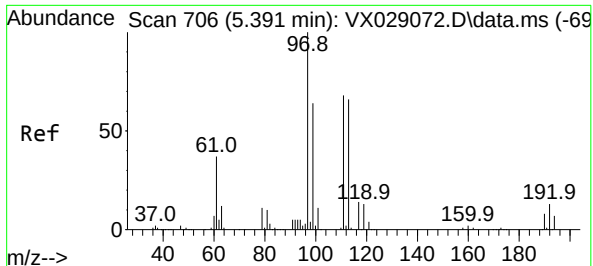
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

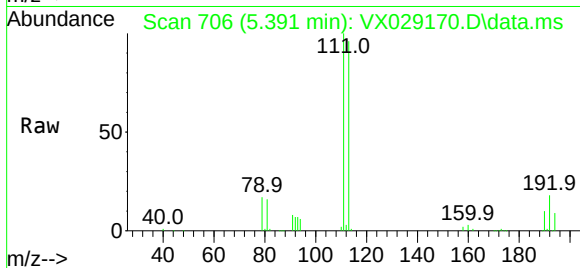
88 16.6 0.0 32.4



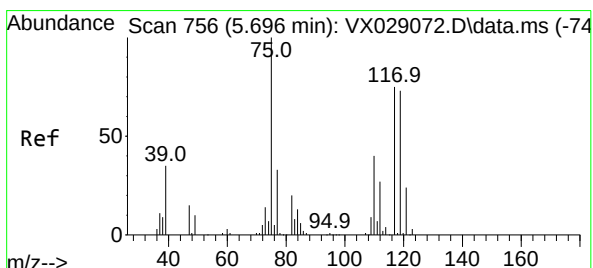
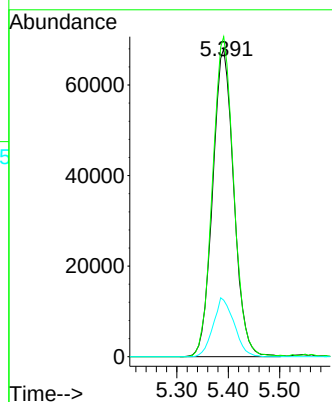
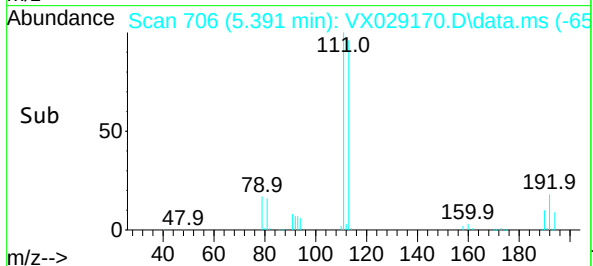


#35
Dibromofluoromethane
Concen: 49.105 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

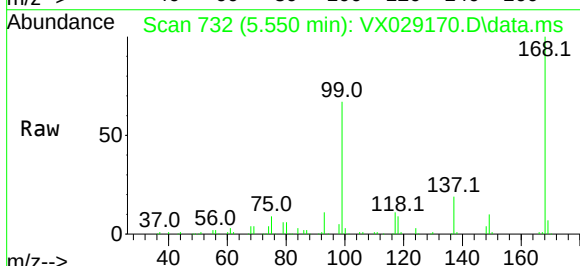
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531



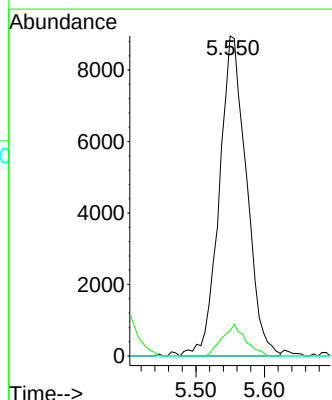
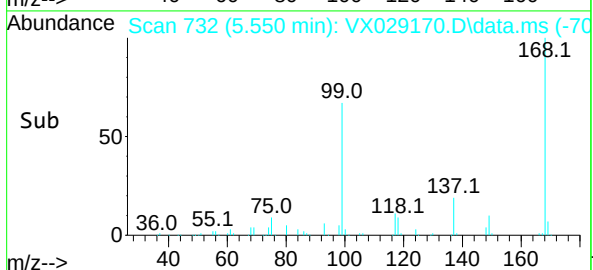
Tgt Ion:113 Resp: 194499
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.9 16.9 25.3

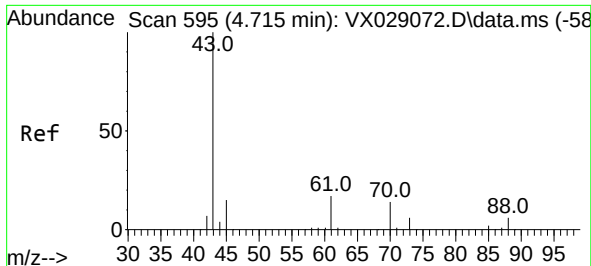


#36
1,1-Dichloropropene
Concen: 4.826 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55



Tgt Ion: 75 Resp: 24594
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.221 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

32S-20220531

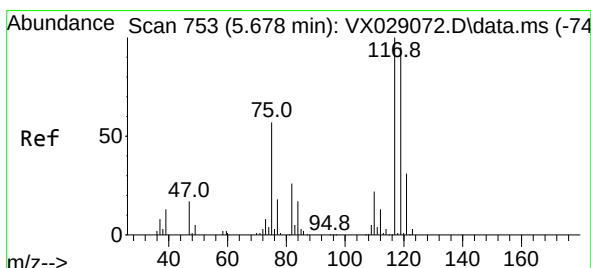
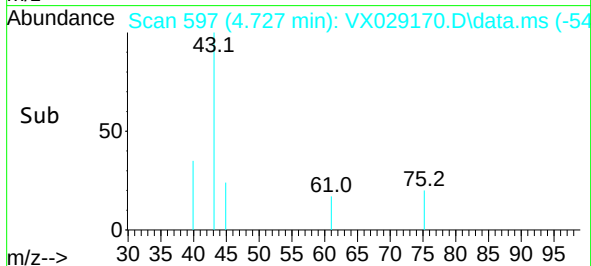
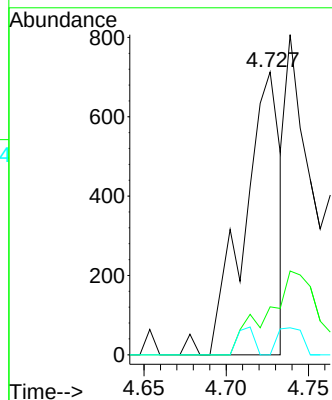
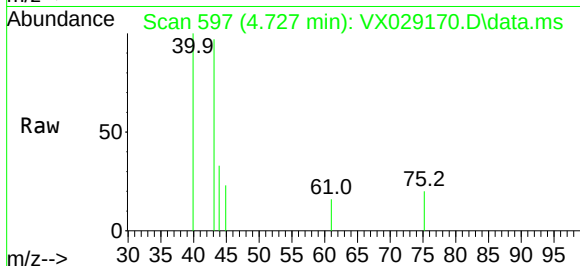
Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 4.4 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.672 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

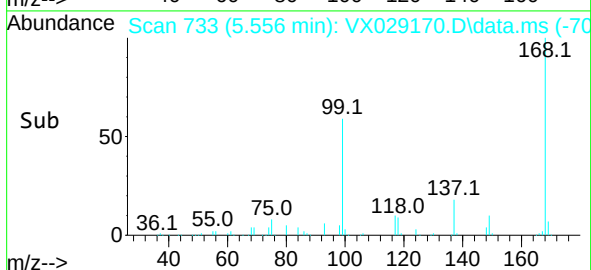
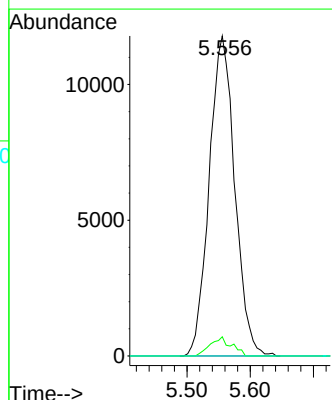
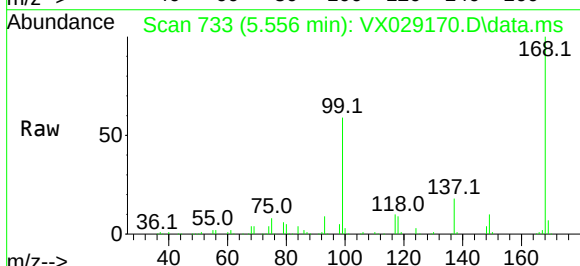
Tgt Ion: 117 Resp: 33037

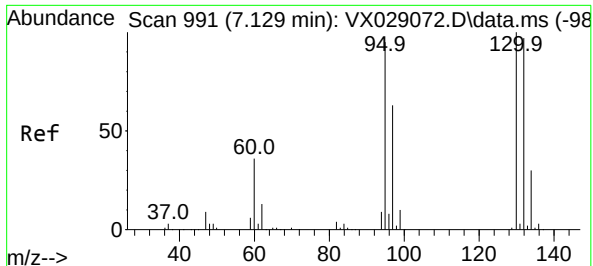
Ion Ratio Lower Upper

117 100

119 6.0 77.3 115.9#

121 0.0 24.2 36.2#

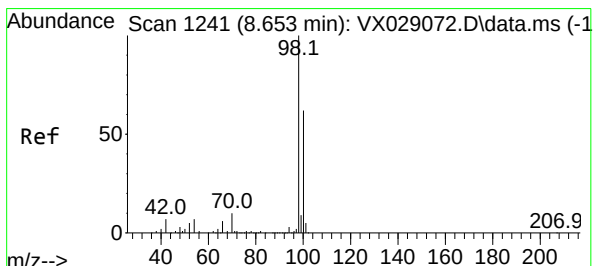
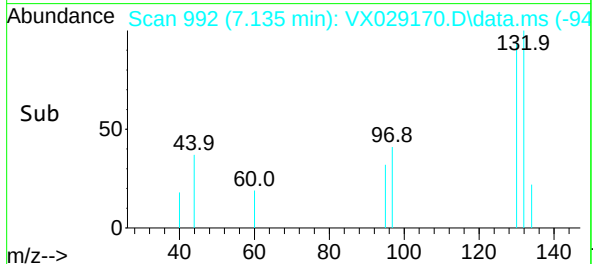
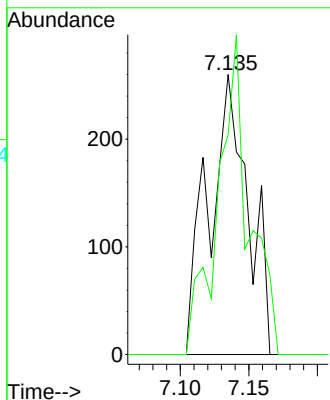
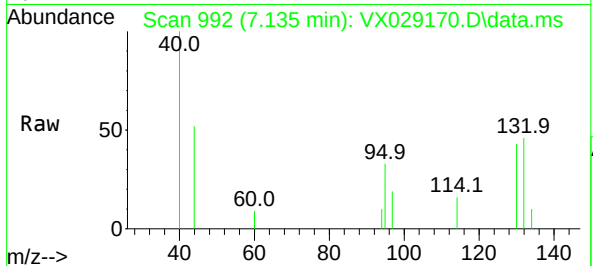




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

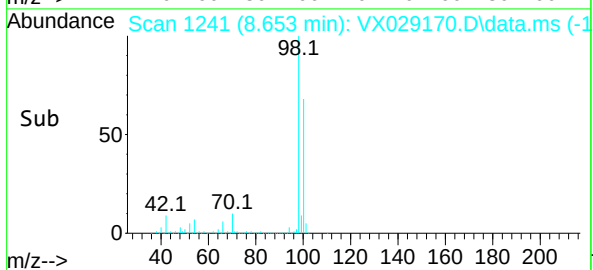
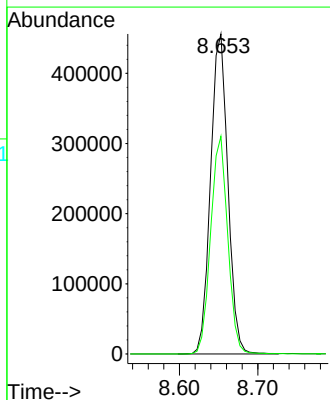
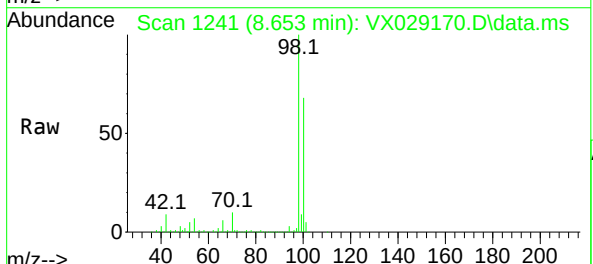
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

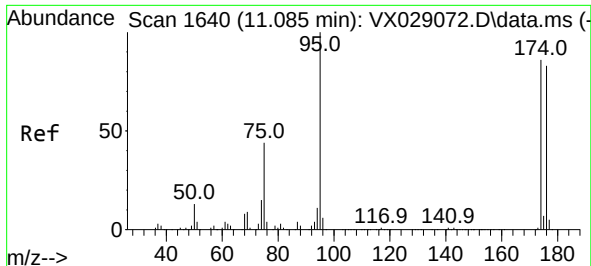
Tgt Ion:130 Resp: 516
Ion Ratio Lower Upper
130 100
95 78.5 0.0 188.8



#50
Toluene-d8
Concen: 48.297 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 98 Resp: 699654
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.135 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029170.D

Acq: 03 Jun 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

32S-20220531

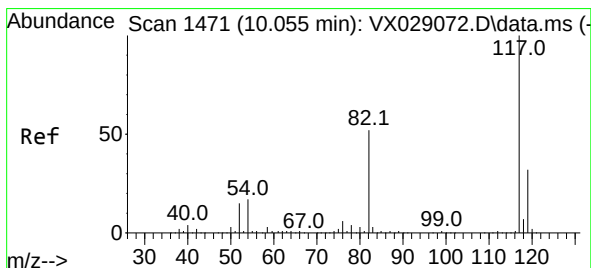
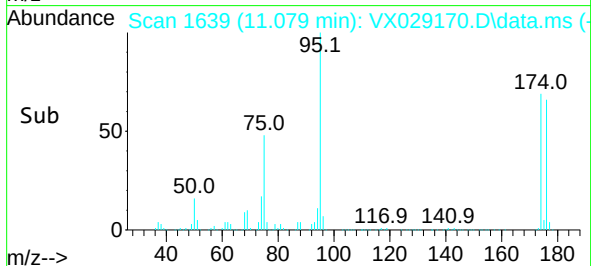
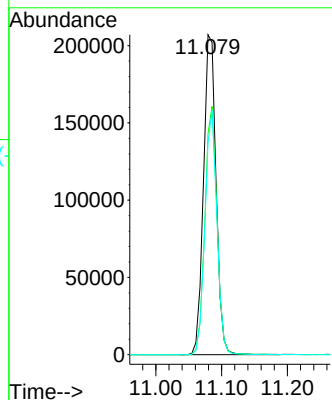
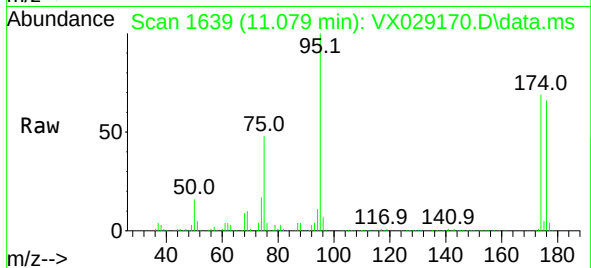
Tgt Ion: 95 Resp: 275151

Ion Ratio Lower Upper

95 100

174 74.7 0.0 163.0

176 72.5 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: VX029170.D

Acq: 03 Jun 2022 05:55

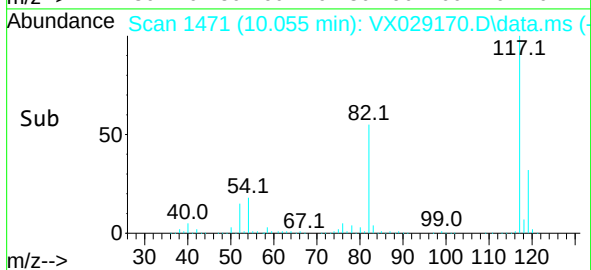
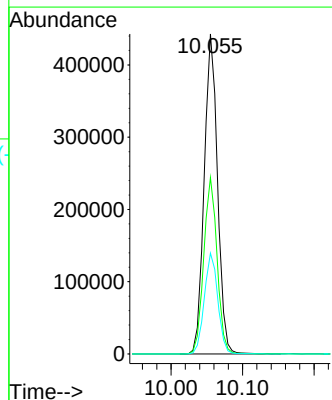
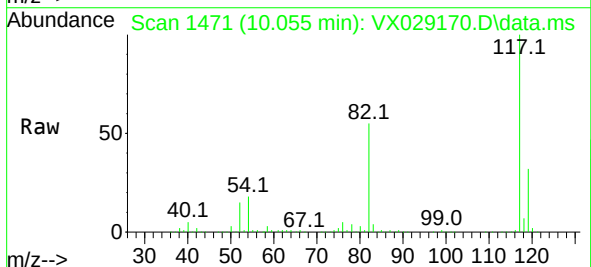
Tgt Ion: 117 Resp: 573727

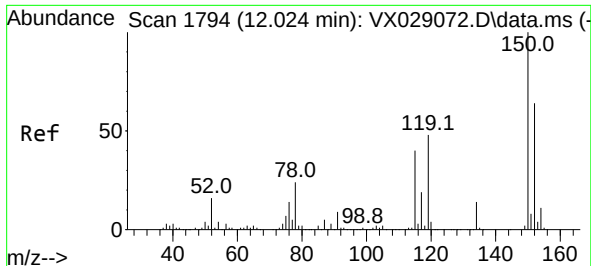
Ion Ratio Lower Upper

117 100

82 55.2 41.8 62.8

119 31.5 24.8 37.2

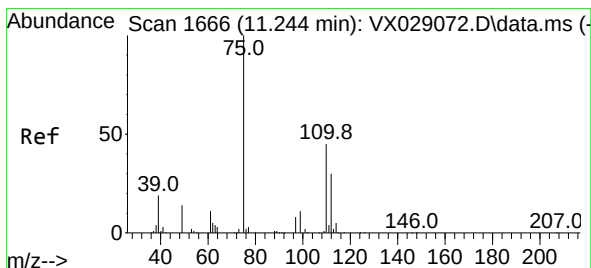
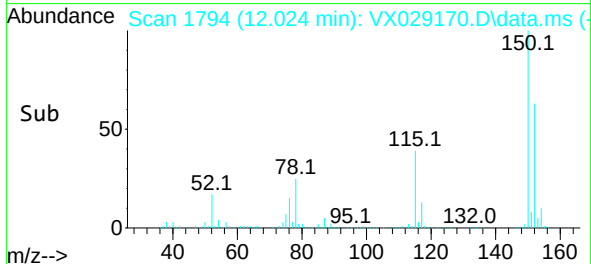
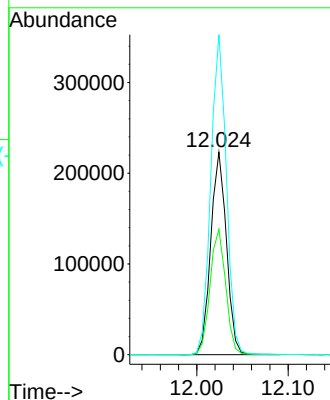
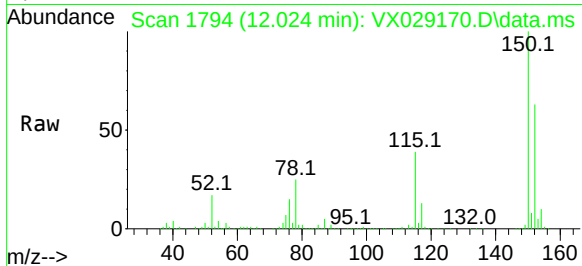




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

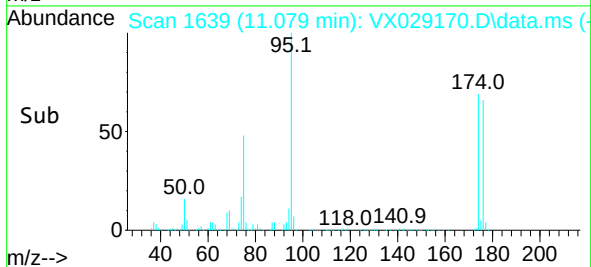
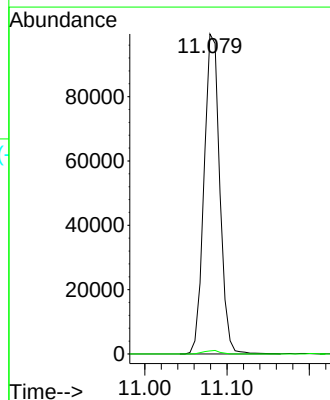
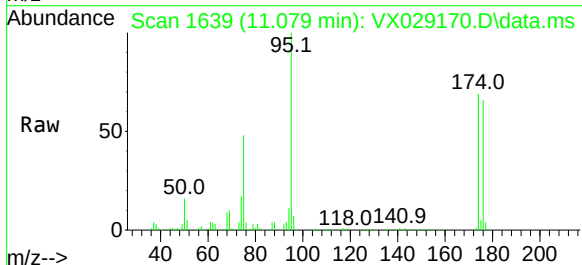
Instrument :
MSVOA_X
ClientSampleId :
32S-20220531

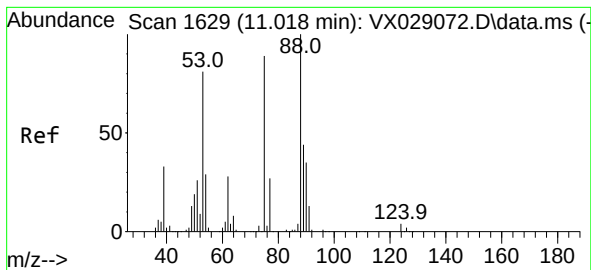
Tgt Ion:152 Resp: 265719
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029170.D
Acq: 03 Jun 2022 05:55

Tgt Ion: 75 Resp: 131890
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.834 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029170.D
 Acq: 03 Jun 2022 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 32S-20220531

Tgt Ion: 75 Resp: 131890
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

