

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031518.D
 Acq On : 21 Sep 2022 12:45
 Operator : JC/MD
 Sample : N4583-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Sep 22 01:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

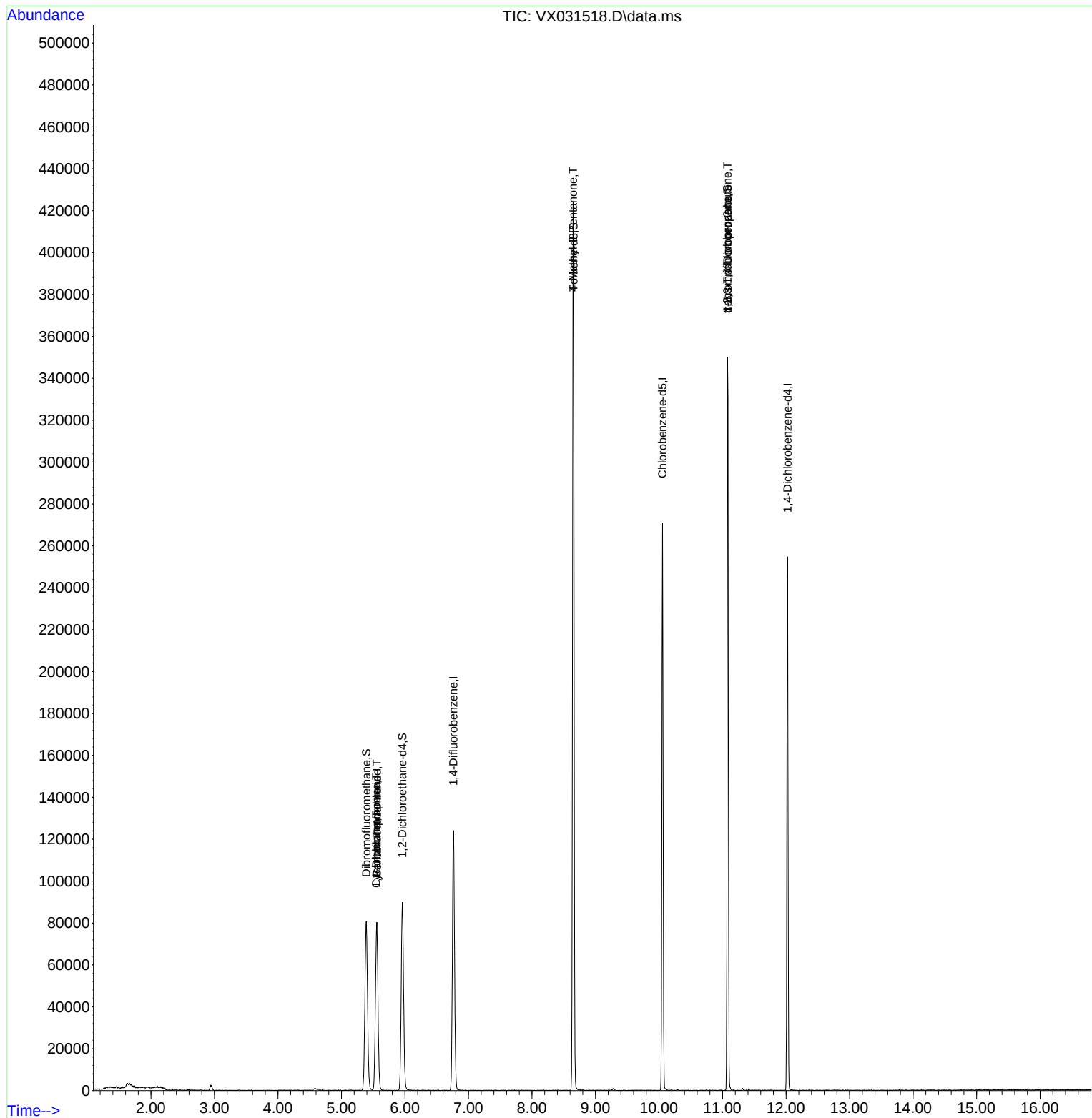
Internal Standards						
1) Pentafluorobenzene	5.556	168	77585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78371	55.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.180%			
35) Dibromofluoromethane	5.391	113	65956	50.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	252167	50.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.079	95	79935	47.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.060%			
Target Compounds						
6) Chloroethane	1.685	64	66	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1403	Below Cal	#	73
13) Acrolein	2.227	56	38	Below Cal		92
16) Acetone	2.404	43	345	Below Cal	#	45
20) Methylene Chloride	2.788	84	267	Below Cal	#	64
31) Cyclohexane	5.550	56	1919	0.909	ug/l #	56
36) 1,1-Dichloropropene	5.550	75	6149	3.071	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7623	3.435	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1255	0.532	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	122	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	45437	38.690	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45437	124.575	ug/l #	11

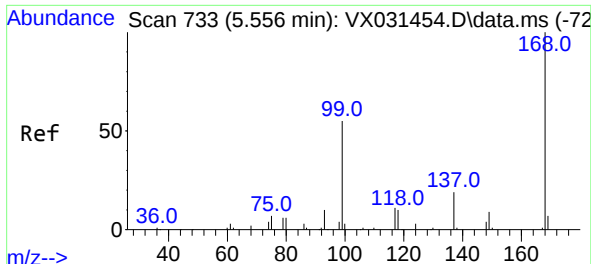
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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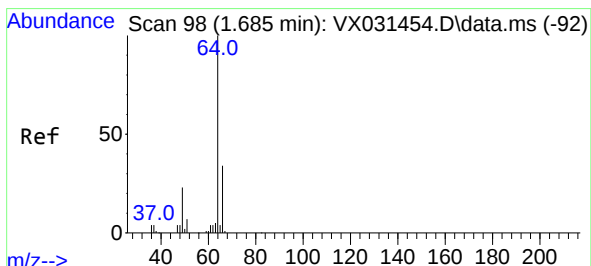
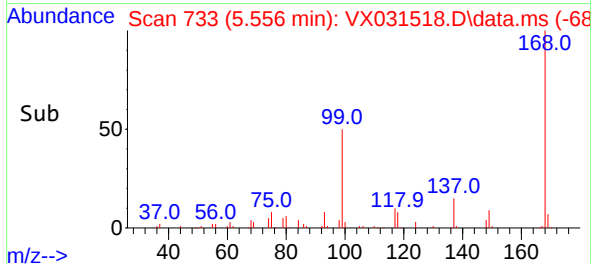
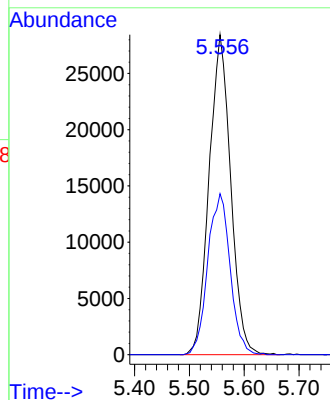
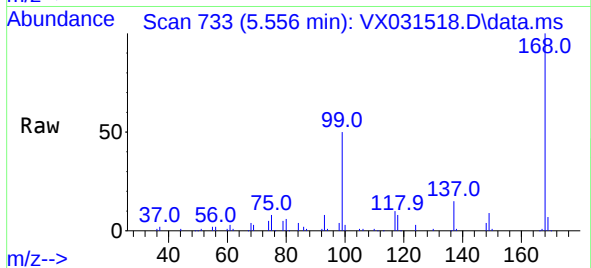




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

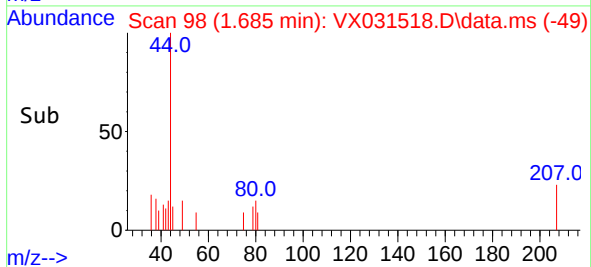
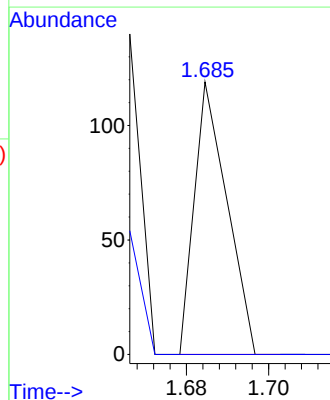
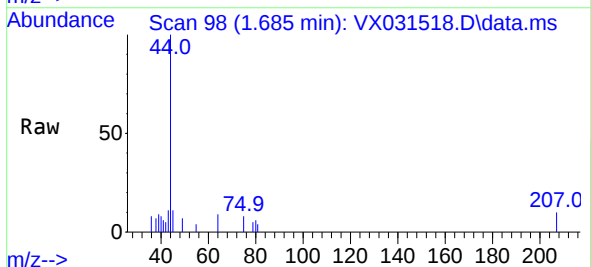
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

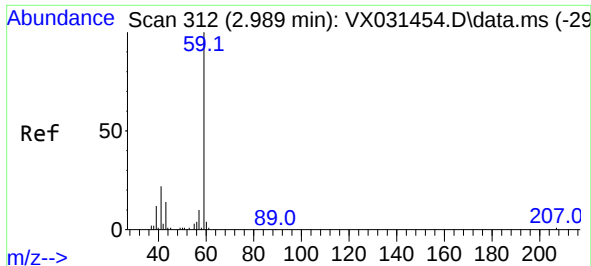
Tgt Ion:168 Resp: 77585
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031518.D

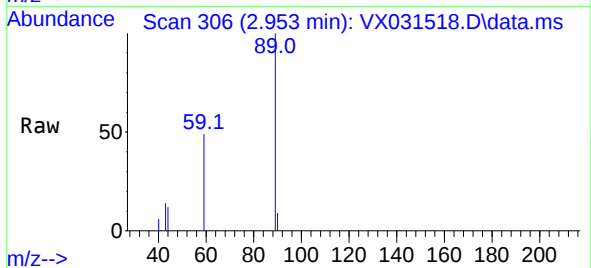
Acq: 21 Sep 2022 12:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

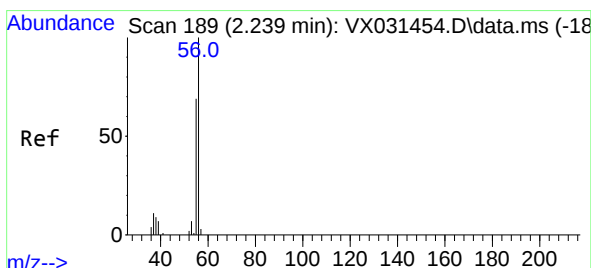
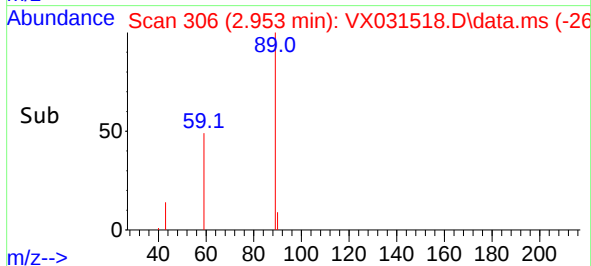
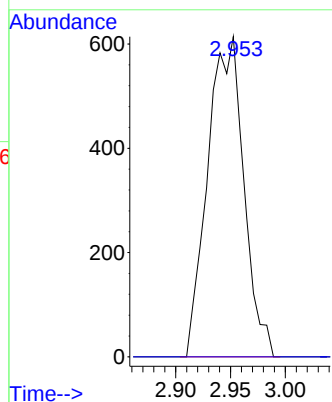


Tgt Ion: 59 Resp: 1403

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX031518.D

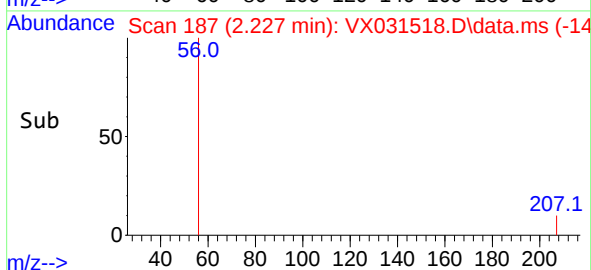
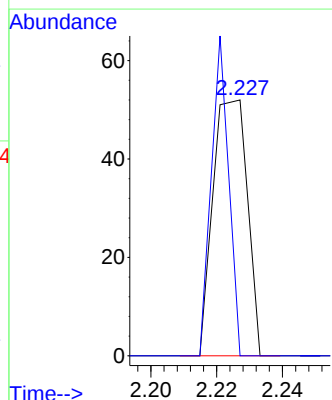
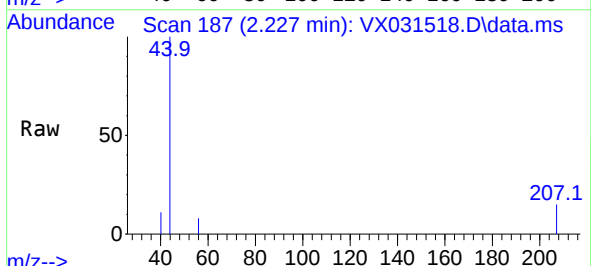
Acq: 21 Sep 2022 12:45

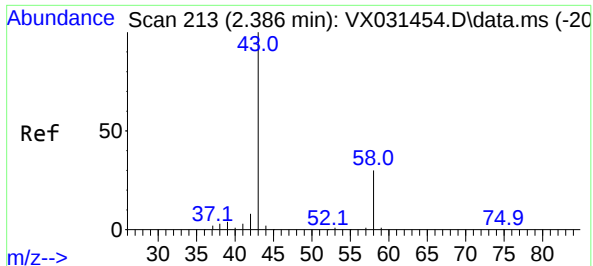
Tgt Ion: 56 Resp: 38

Ion Ratio Lower Upper

56 100

55 63.2 56.0 84.0

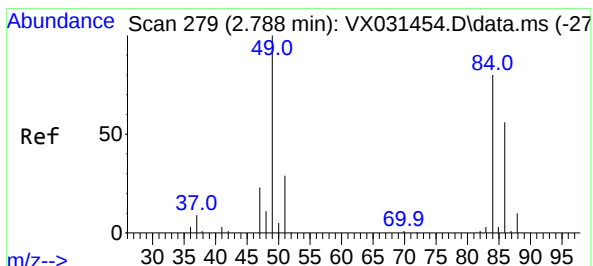
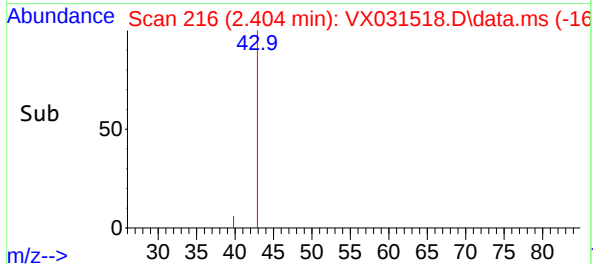
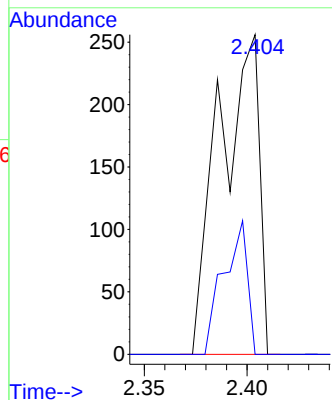
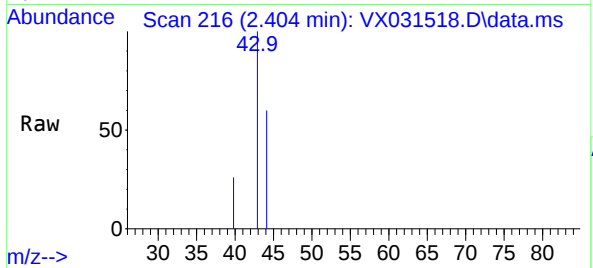




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

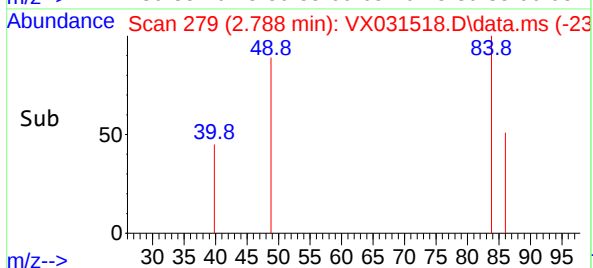
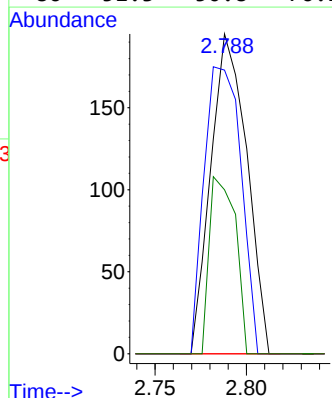
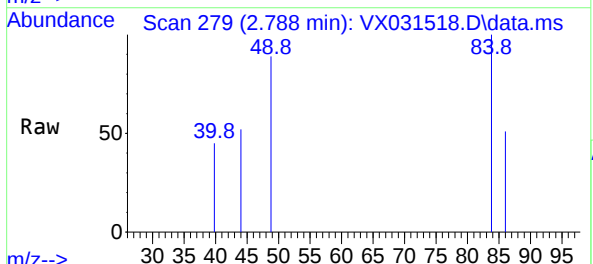
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

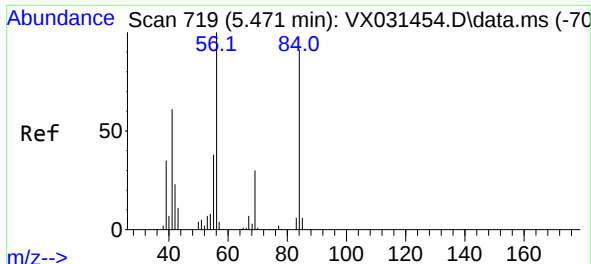
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

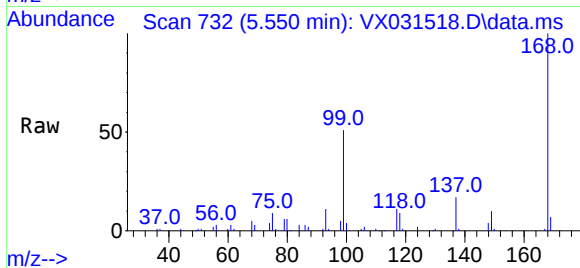
Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 88.7 105.9 158.9#
51 0.0 32.2 48.2#
86 51.3 50.8 76.2



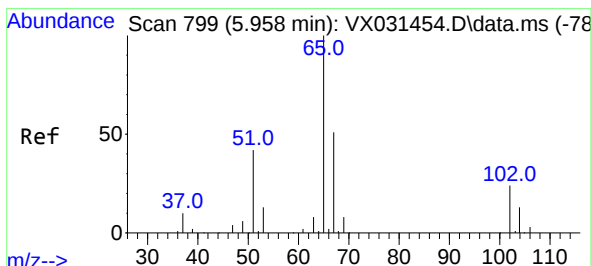
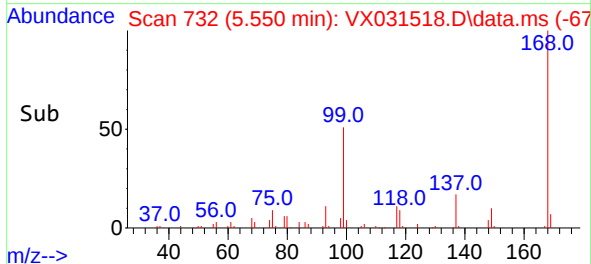
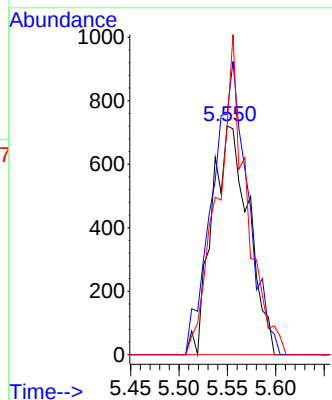


#31
Cyclohexane
Concen: 0.909 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

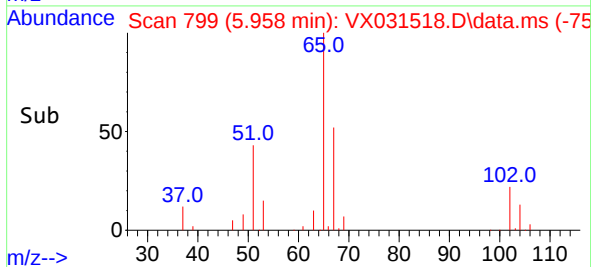
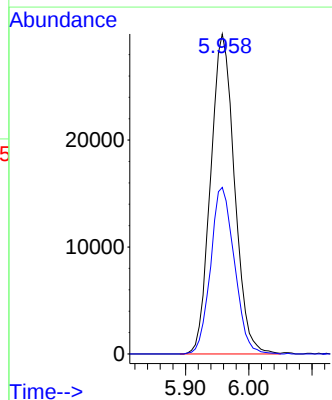
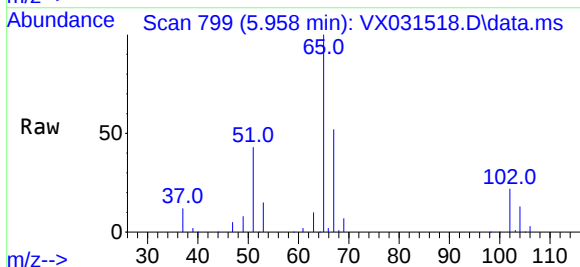


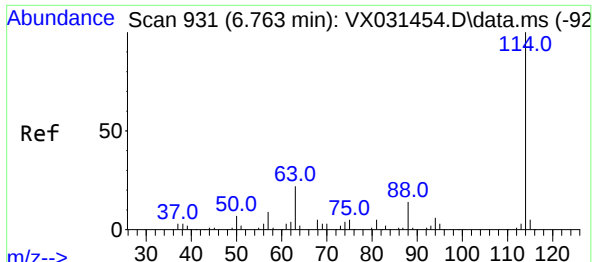
Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
69 105.0 25.1 37.7#
84 99.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.087 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion: 65 Resp: 78371
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

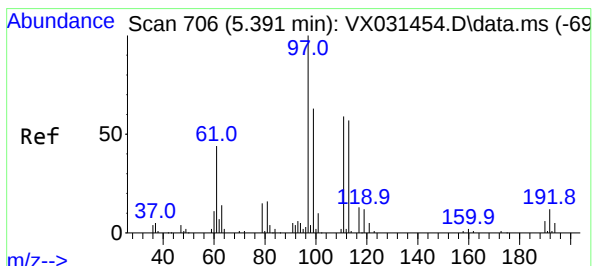
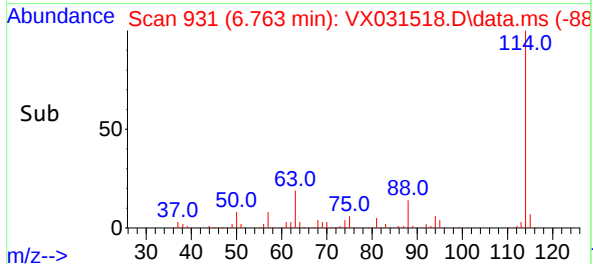
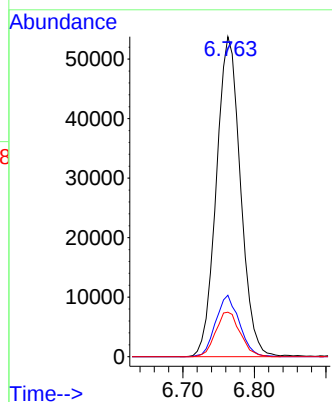
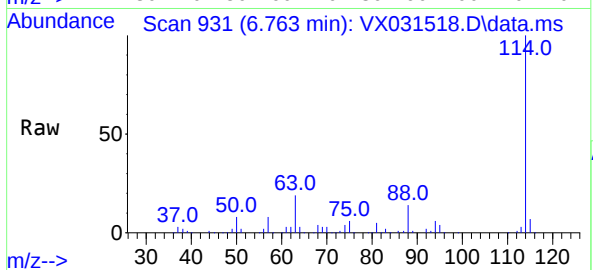




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

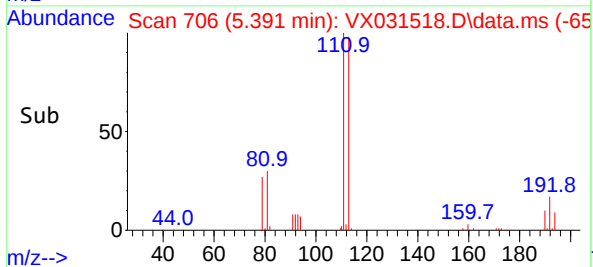
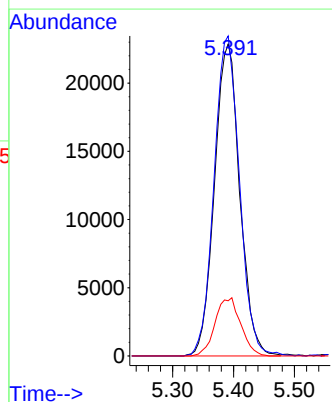
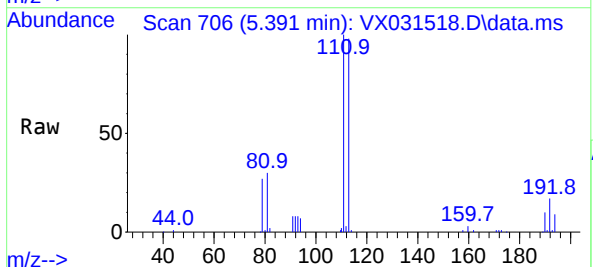
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

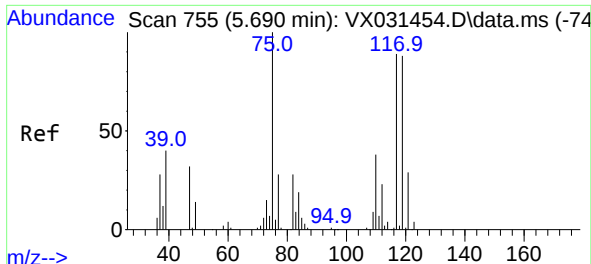
Tgt Ion:114 Resp: 125957
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 13.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion:113 Resp: 65956
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.9 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.071 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031518.D

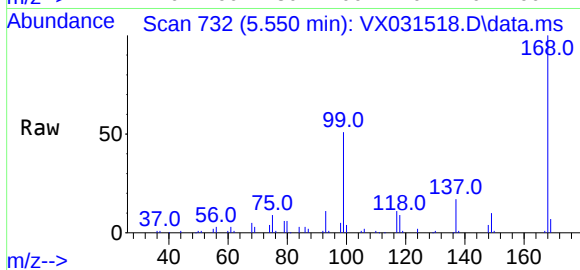
Acq: 21 Sep 2022 12:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



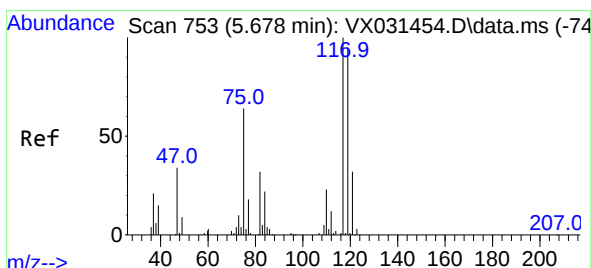
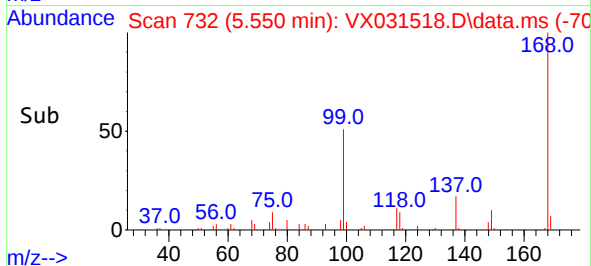
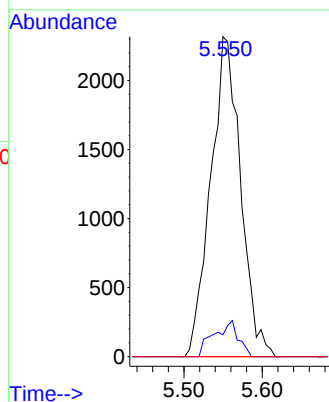
Tgt Ion: 75 Resp: 6149

Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.435 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031518.D

Acq: 21 Sep 2022 12:45

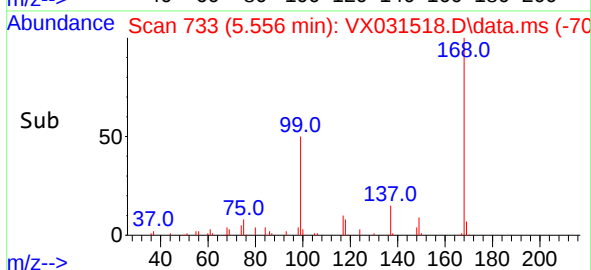
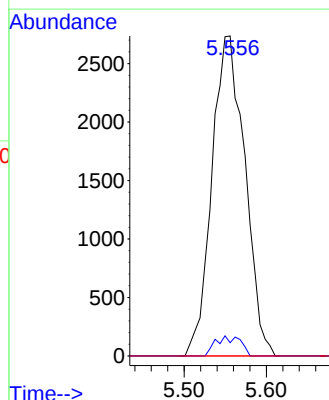
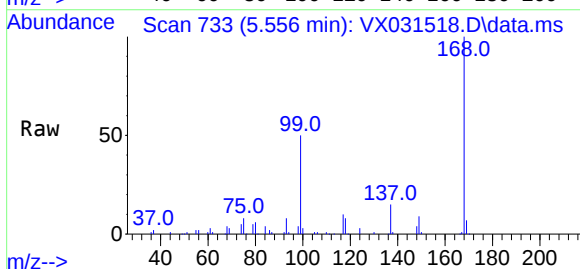
Tgt Ion: 117 Resp: 7623

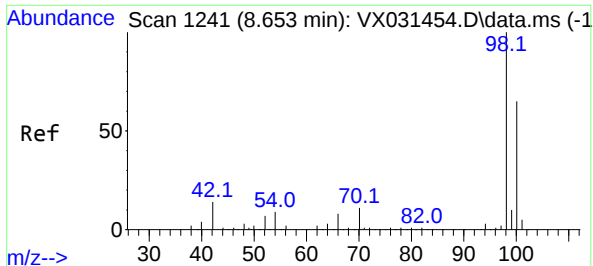
Ion Ratio Lower Upper

117 100

119 4.2 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.250 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031518.D

Acq: 21 Sep 2022 12:45

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MSVOA_X

ClientSampleId :

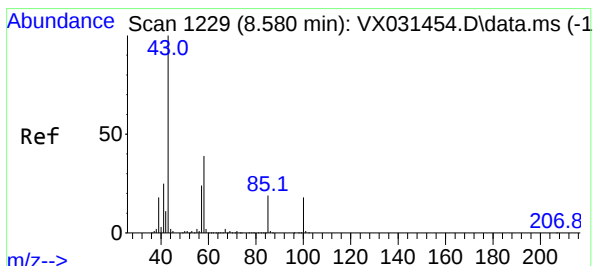
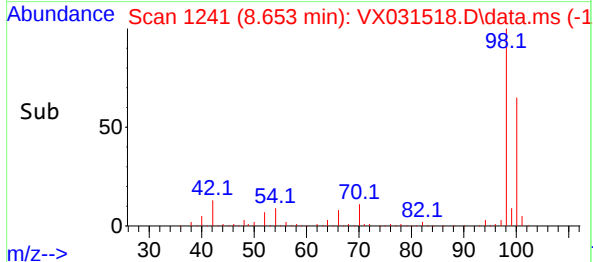
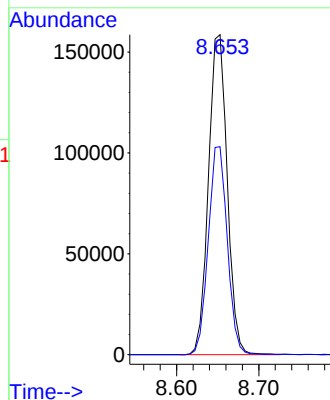
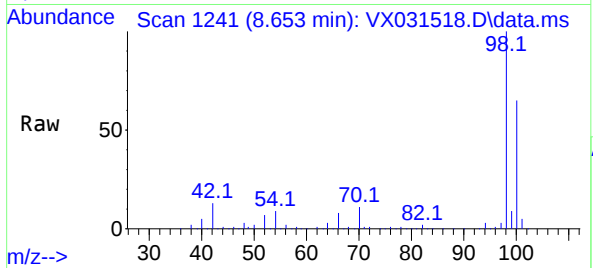
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 252167

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031518.D

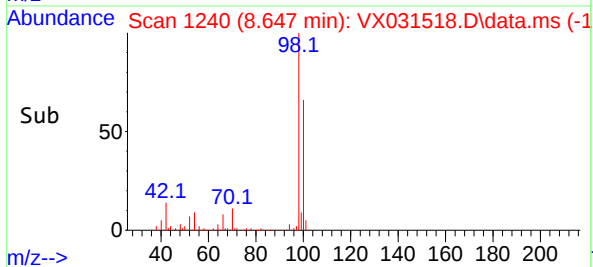
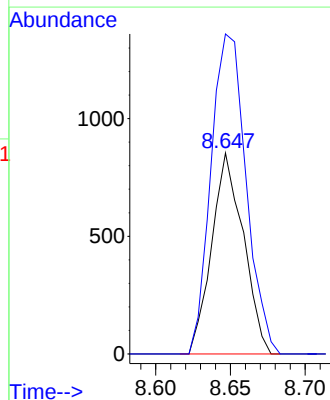
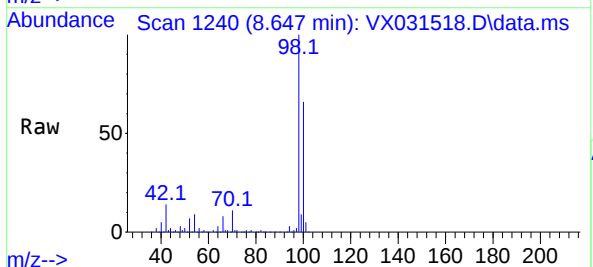
Acq: 21 Sep 2022 12:45

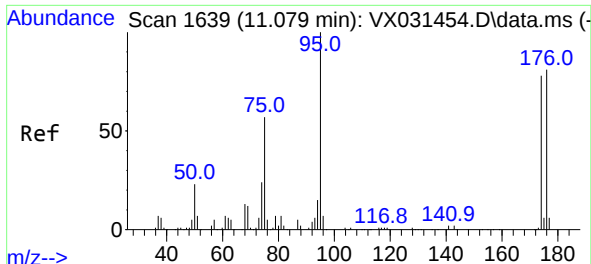
Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

58 177.0 30.6 46.0#

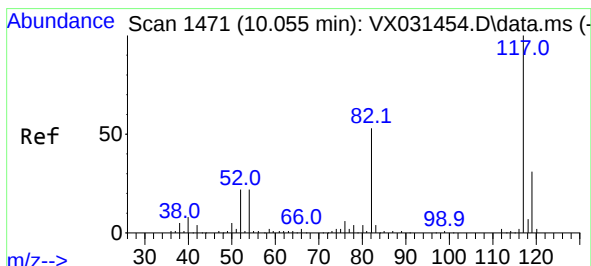
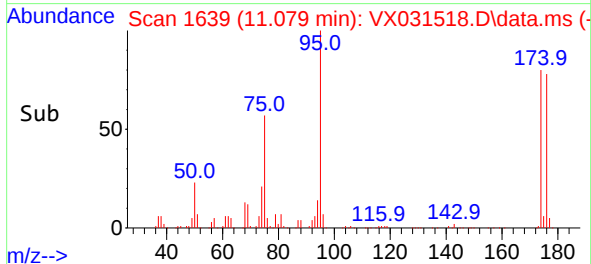
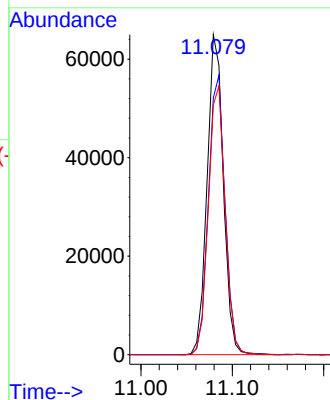
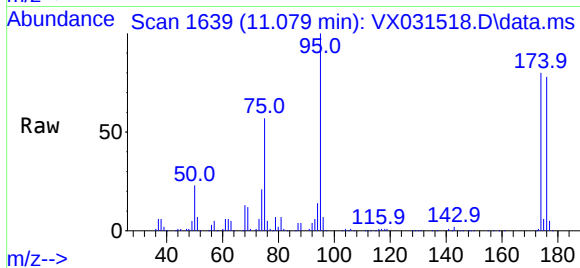




#62
4-Bromofluorobenzene
Concen: 47.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

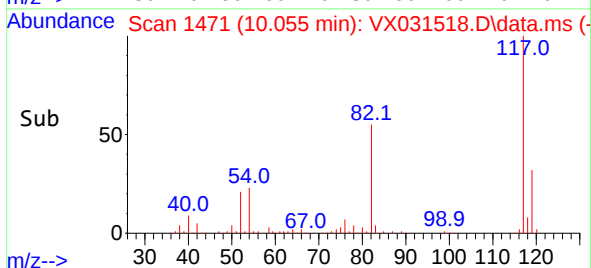
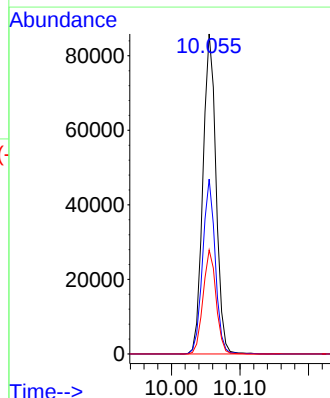
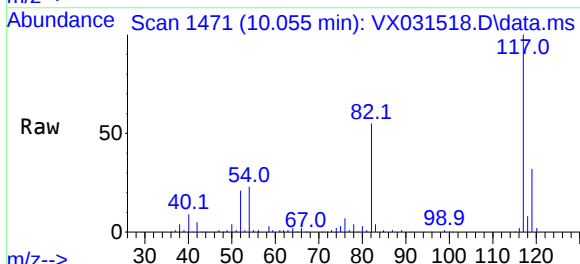
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

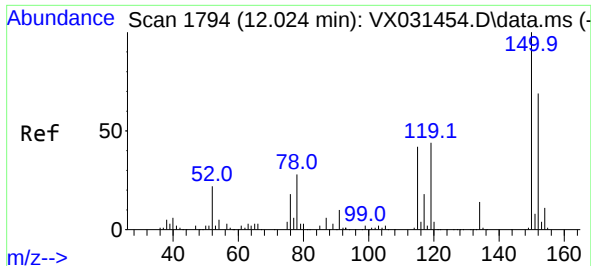
Tgt Ion: 95	Resp: 79935
Ion Ratio	Lower Upper
95 100	
174 89.5	0.0 153.2
176 86.9	0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion: 117	Resp: 114335
Ion Ratio	Lower Upper
117 100	
82 54.7	46.8 70.2
119 32.5	26.4 39.6

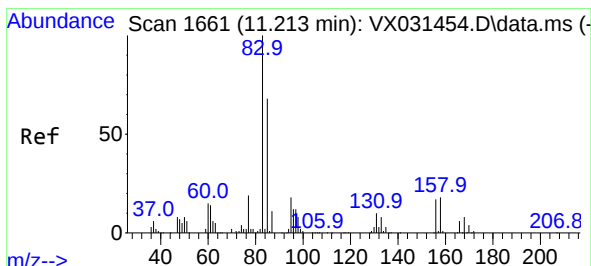
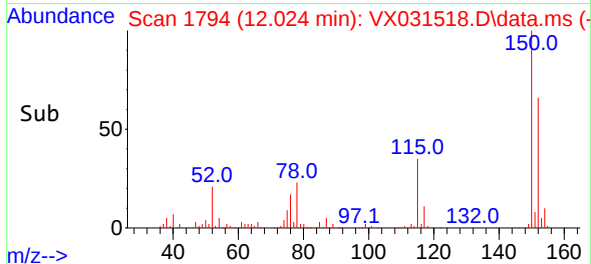
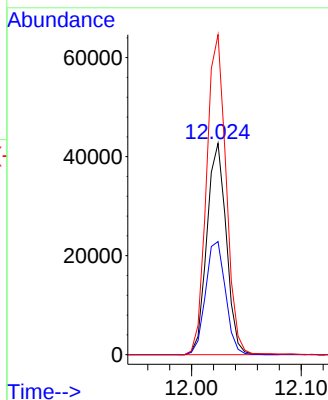
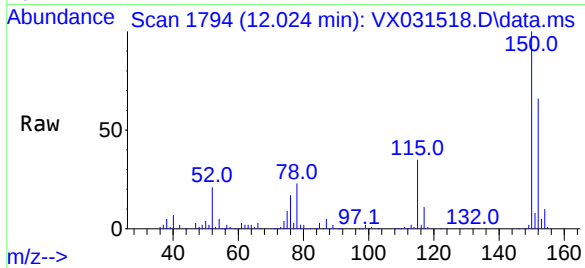




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

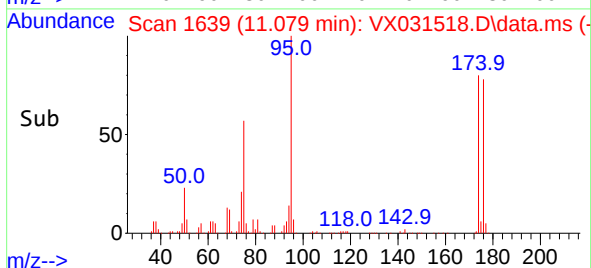
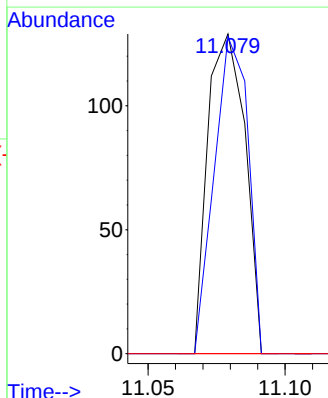
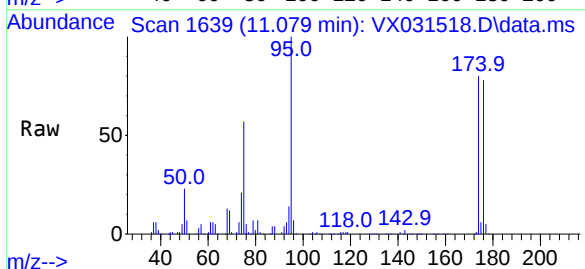
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

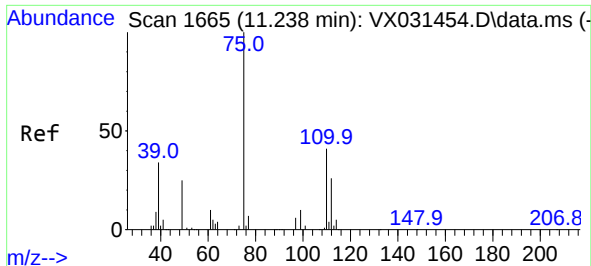
Tgt Ion:152 Resp: 52619
Ion Ratio Lower Upper
152 100
115 55.1 43.4 130.1
150 152.1 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion: 83 Resp: 122
Ion Ratio Lower Upper
83 100
131 90.2 5.1 15.4#
85 0.0 32.6 97.8#

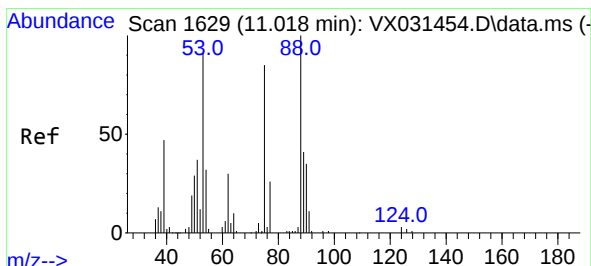
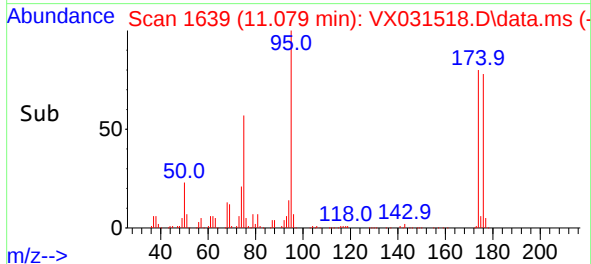
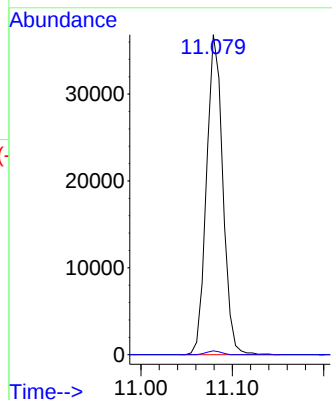
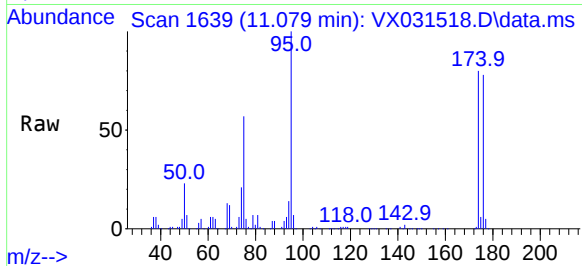




#76
1,2,3-Trichloropropane
Concen: 38.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 45437
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031518.D
Acq: 21 Sep 2022 12:45

Tgt Ion: 75 Resp: 45437
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

