

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031544.D
 Acq On : 22 Sep 2022 02:59
 Operator : JC/MD
 Sample : N4614-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB091322

Quant Time: Sep 22 04:25:42 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)

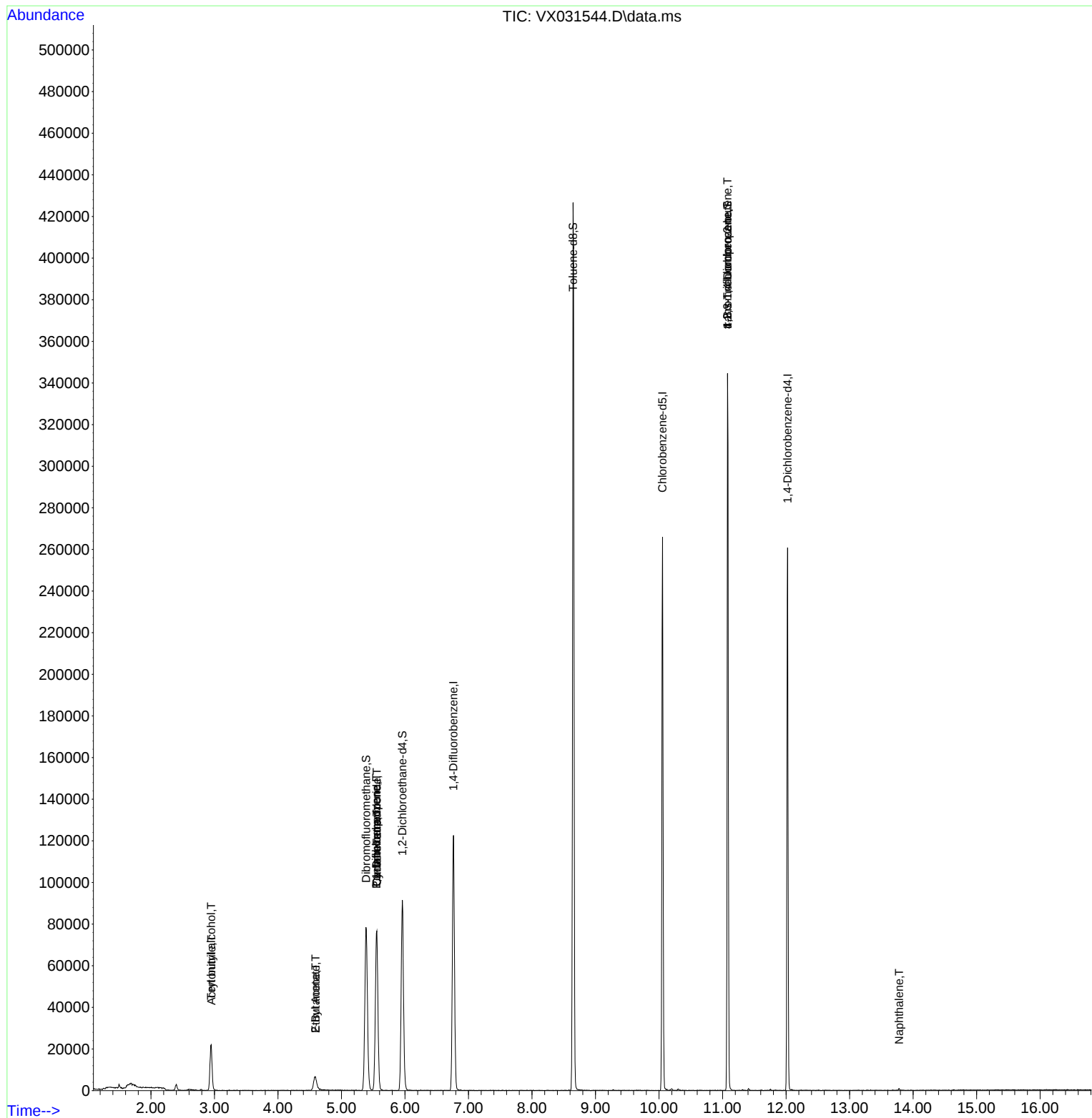
Internal Standards						
1) Pentafluorobenzene	5.550	168	75248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77102	55.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.780%
35) Dibromofluoromethane	5.385	113	64184	50.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.647	98	244942	49.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	78203	46.954	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%
Target Compounds						
						Qvalue
6) Chloroethane	1.666	64	289	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	12730	13.306	ug/l #	75
15) Acrylonitrile	2.953	53	220	0.303	ug/l #	17
16) Acetone	2.398	43	3677	Below Cal	#	89
20) Methylene Chloride	2.782	84	211	Below Cal	#	42
25) 2-Butanone	4.593	43	692	0.650	ug/l #	49
31) Cyclohexane	5.556	56	1760	0.860	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	6168	3.144	ug/l #	48
37) Ethyl Acetate	4.593	43	692	0.296	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7261	3.339	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.073	83	170	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	43765	38.153	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43765	122.846	ug/l #	11
95) Naphthalene	13.780	128	957	0.260	ug/l #	82

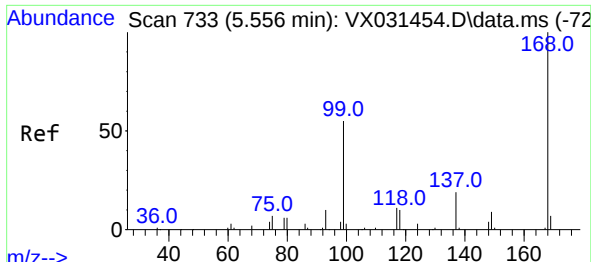
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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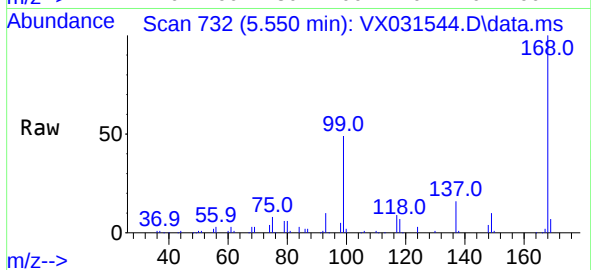
Quant Time: Sep 22 04:25:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



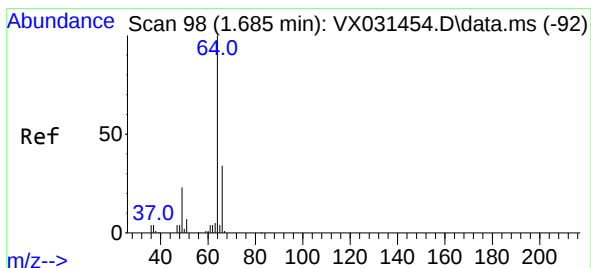
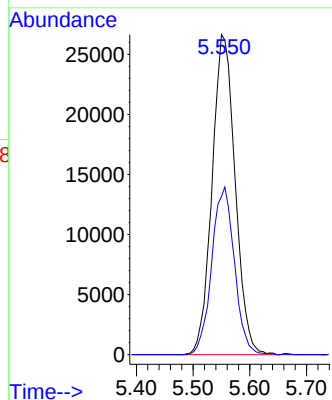


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Instrument :
MSVOA_X
ClientSampleId :
FB091322

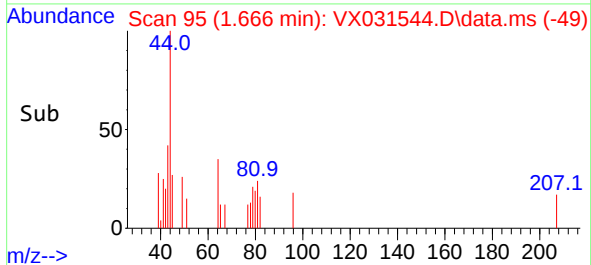
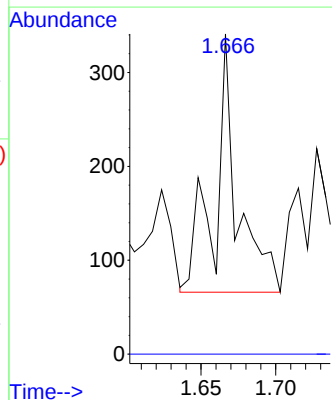
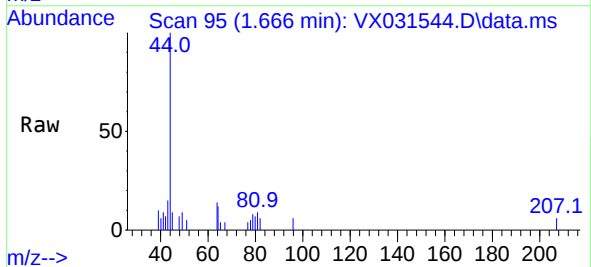


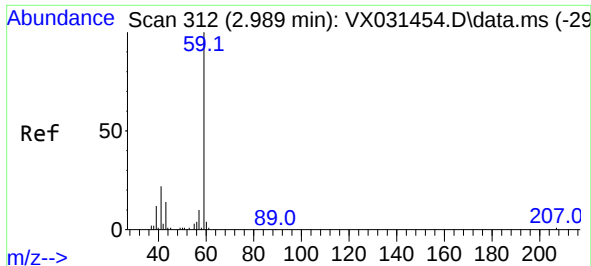
Tgt Ion:168 Resp: 75248
Ion Ratio Lower Upper
168 100
99 49.4 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 13.306 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

Instrument :

MSVOA_X

ClientSampleId :

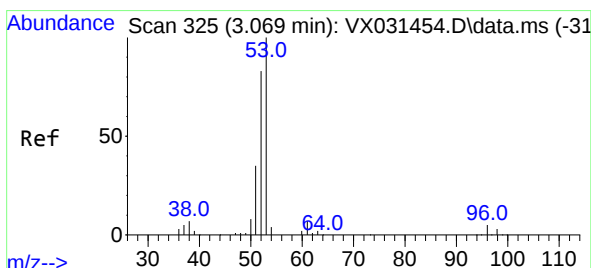
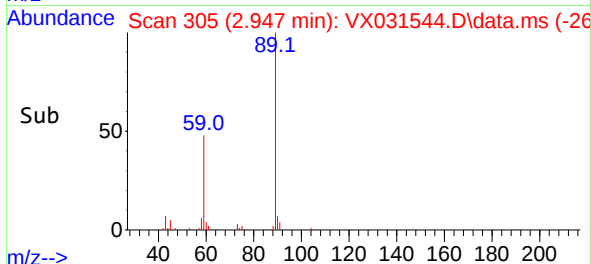
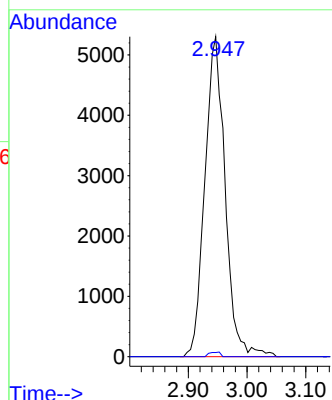
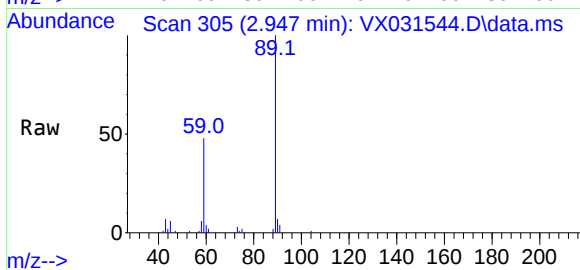
FB091322

Tgt Ion: 59 Resp: 12730

Ion Ratio Lower Upper

59 100

57 0.8 8.2 12.2#



#15

Acrylonitrile

Concen: 0.303 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.116 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

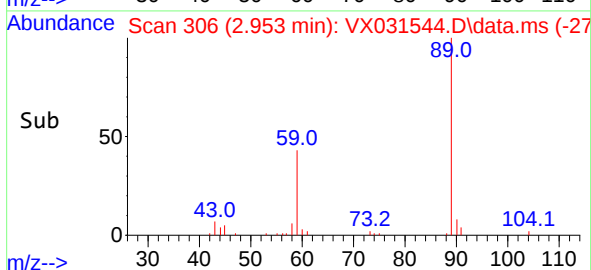
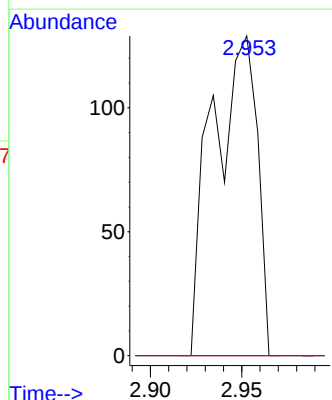
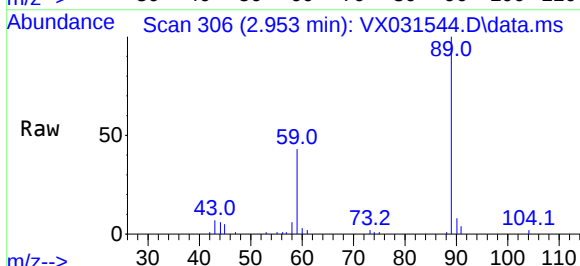
Tgt Ion: 53 Resp: 220

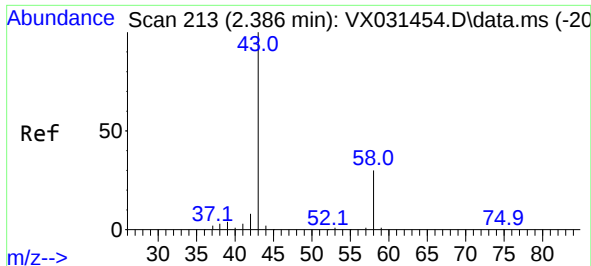
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 0.0 30.0 45.0#

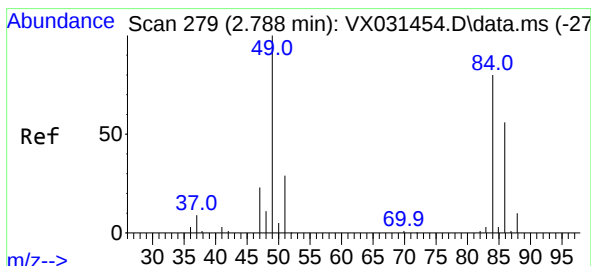
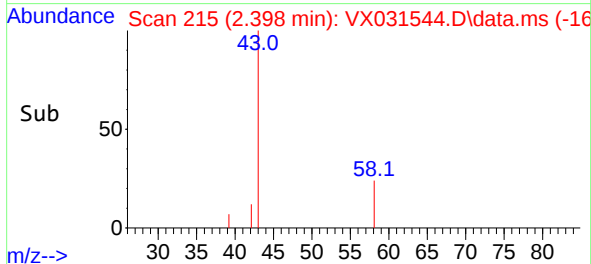
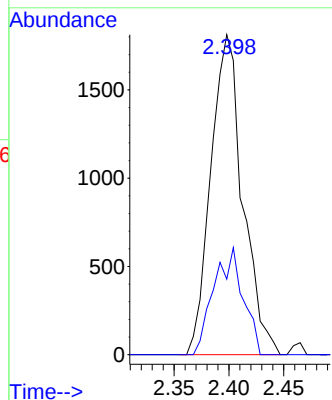
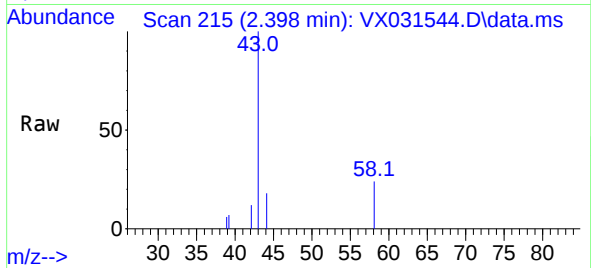




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

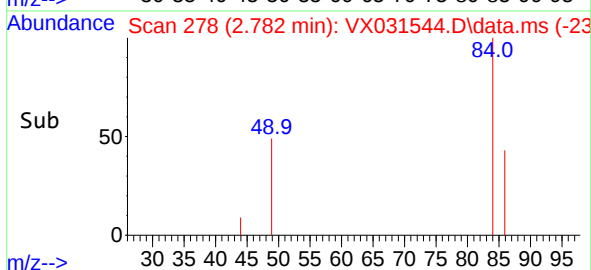
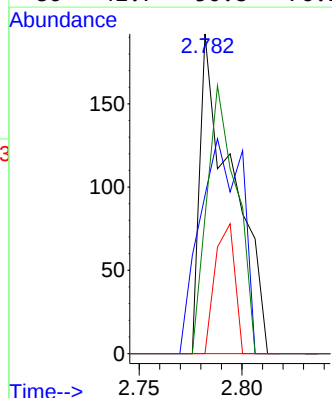
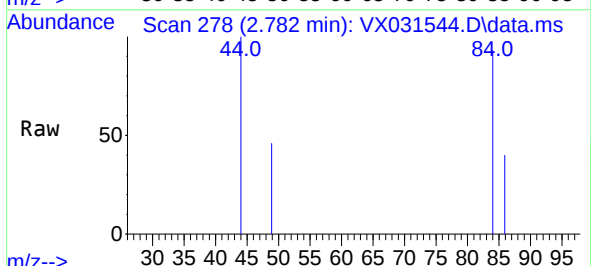
Instrument :
MSVOA_X
ClientSampleId :
FB091322

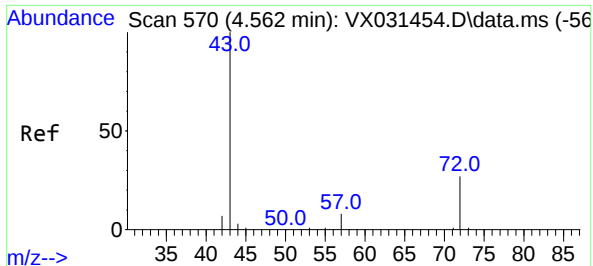
Tgt Ion: 43 Resp: 3677
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Tgt Ion: 84 Resp: 211
Ion Ratio Lower Upper
84 100
49 49.5 105.9 158.9#
51 0.0 32.2 48.2#
86 42.7 50.8 76.2#





#25

2-Butanone

Concen: 0.650 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

Instrument :

MSVOA_X

ClientSampleId :

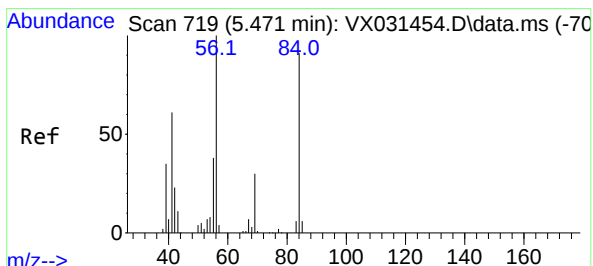
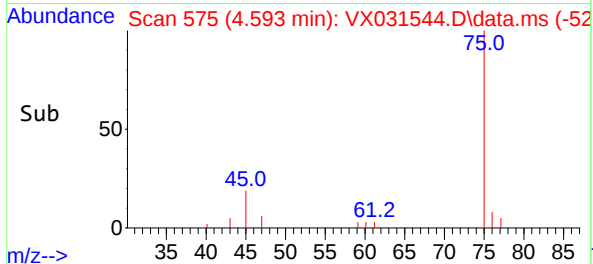
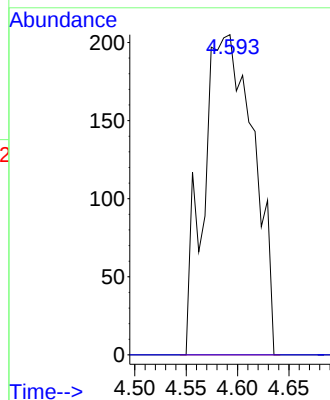
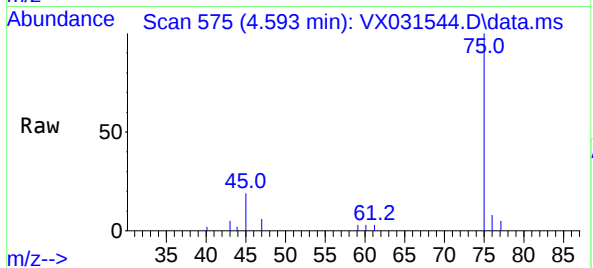
FB091322

Tgt Ion: 43 Resp: 692

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.860 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

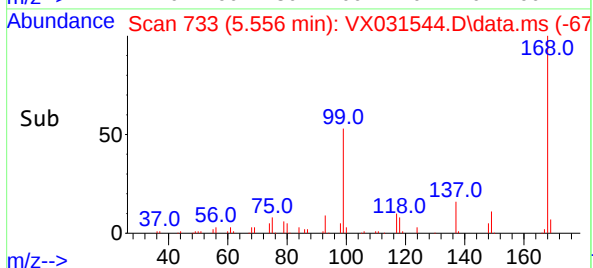
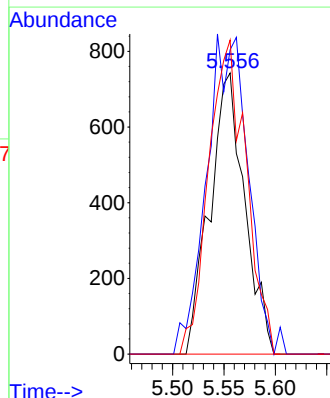
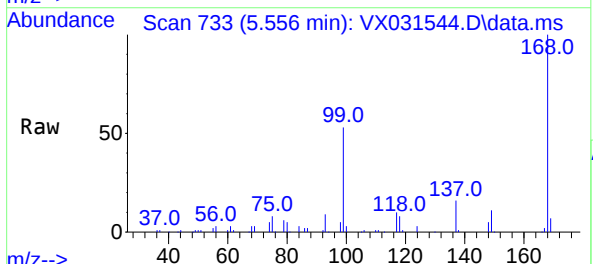
Tgt Ion: 56 Resp: 1760

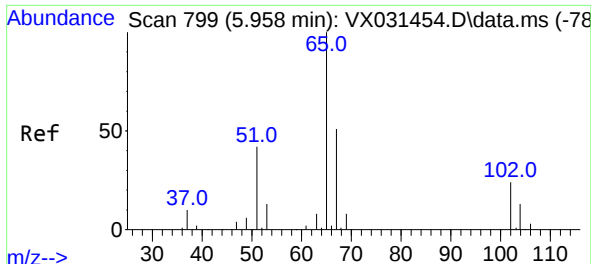
Ion Ratio Lower Upper

56 100

69 98.7 25.1 37.7#

84 111.7 70.2 105.4#

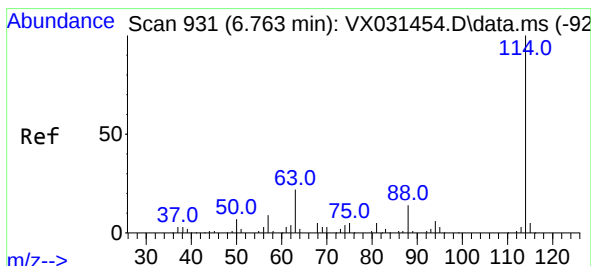
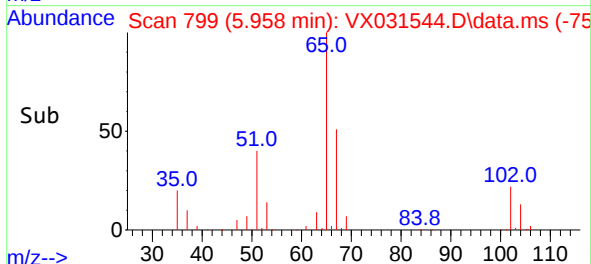
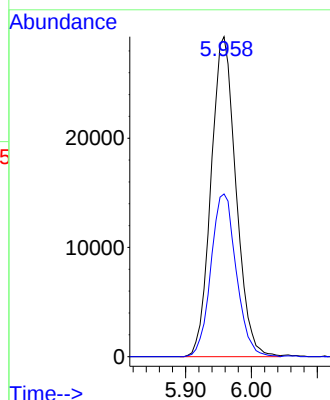
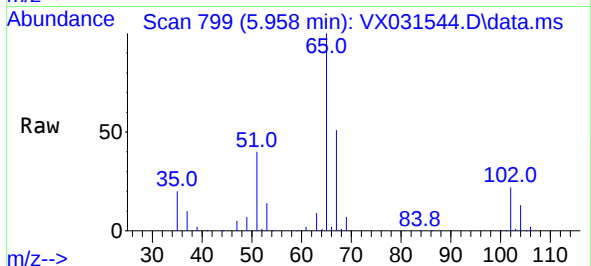




#33
 1,2-Dichloroethane-d4
 Concen: 55.894 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031544.D
 Acq: 22 Sep 2022 02:59

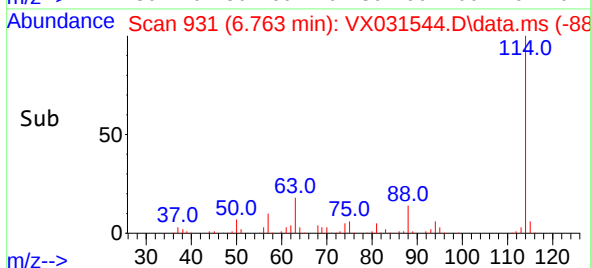
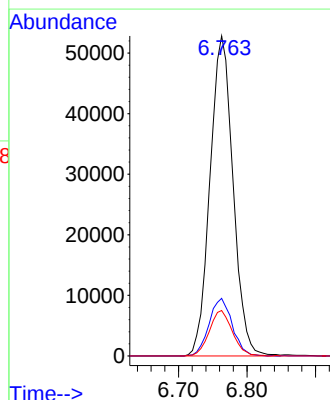
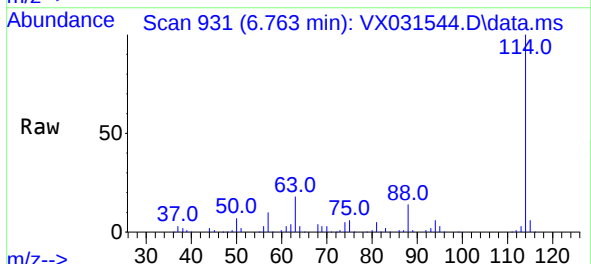
Instrument :
 MSVOA_X
 ClientSampleId :
 FB091322

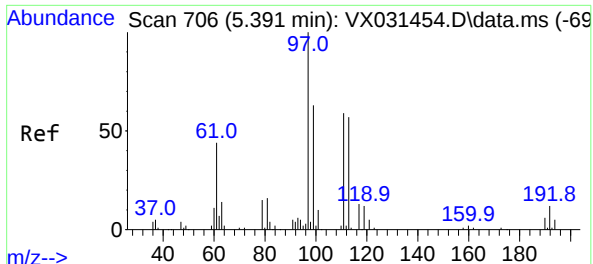
Tgt Ion: 65 Resp: 77102
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031544.D
 Acq: 22 Sep 2022 02:59

Tgt Ion: 114 Resp: 123416
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.6
 88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.320 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

Instrument :

MSVOA_X

ClientSampleId :

FB091322

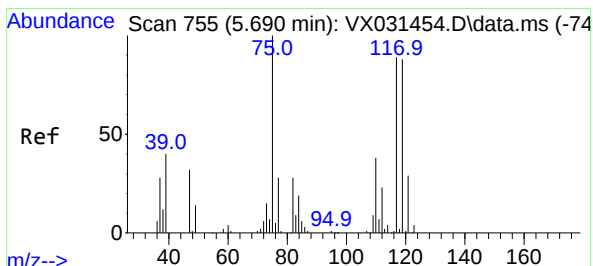
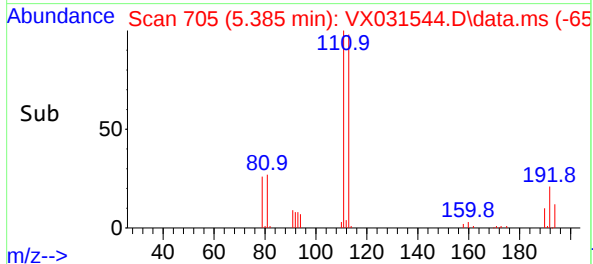
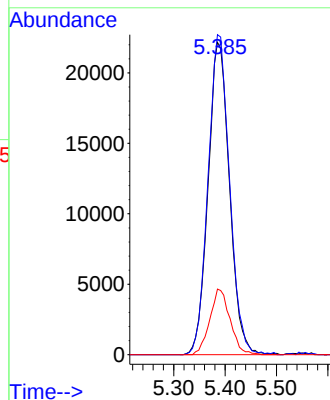
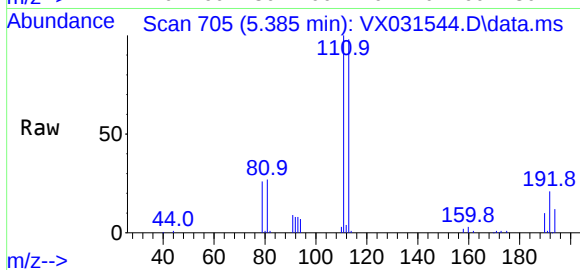
Tgt Ion:113 Resp: 64184

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 19.9 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.144 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

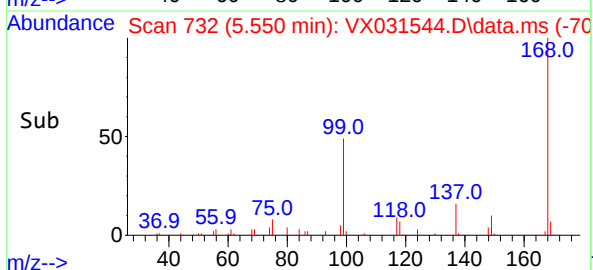
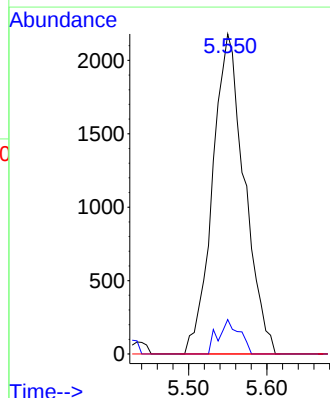
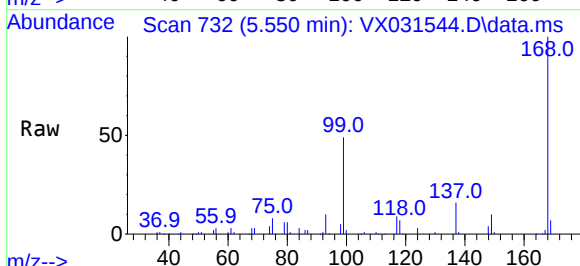
Tgt Ion: 75 Resp: 6168

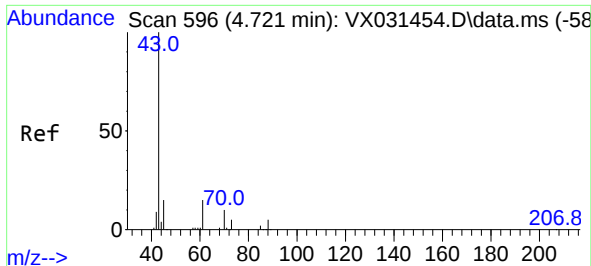
Ion Ratio Lower Upper

75 100

110 7.1 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.296 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX031544.D

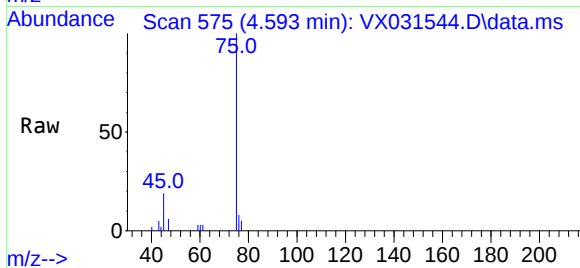
Acq: 22 Sep 2022 02:59

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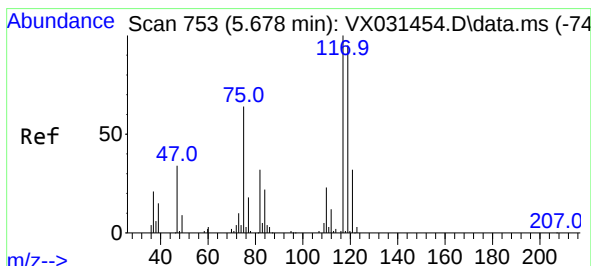
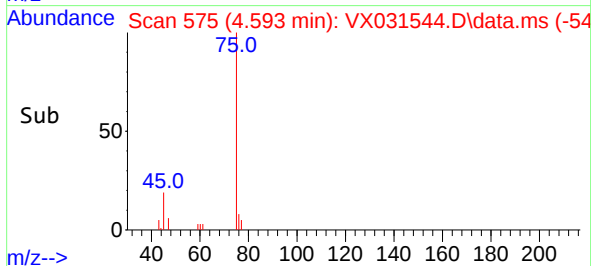
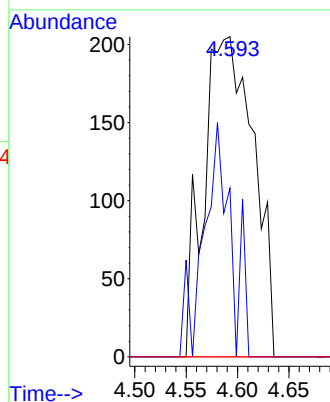
Tgt Ion: 43 Resp: 692

Ion Ratio Lower Upper

43 100

61 40.2 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 3.339 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

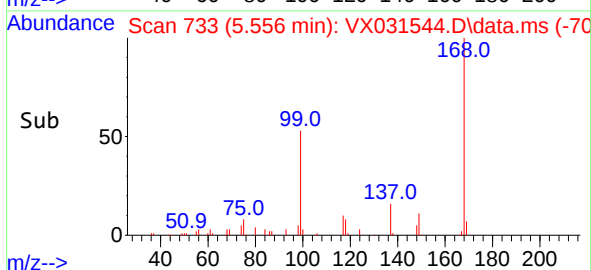
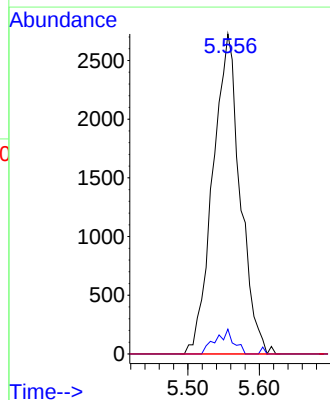
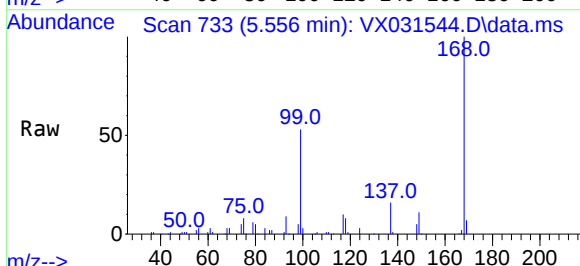
Tgt Ion: 117 Resp: 7261

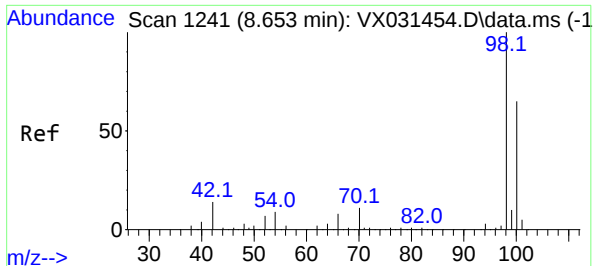
Ion Ratio Lower Upper

117 100

119 7.7 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.815 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

Instrument :

MSVOA_X

ClientSampleId :

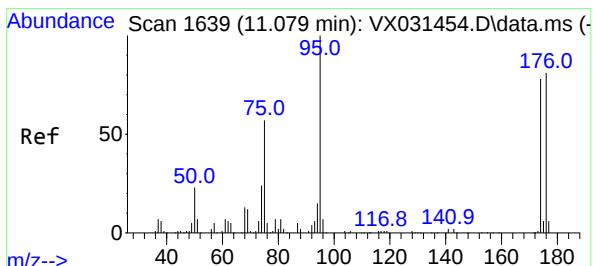
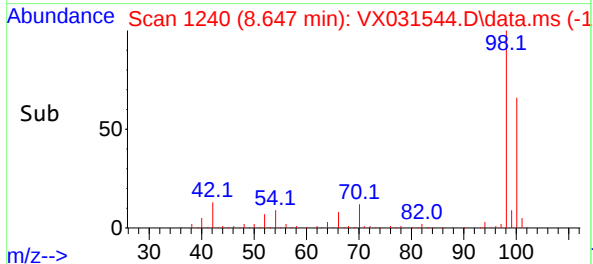
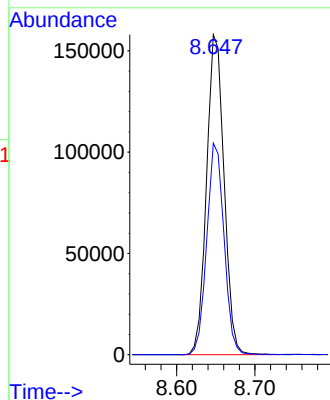
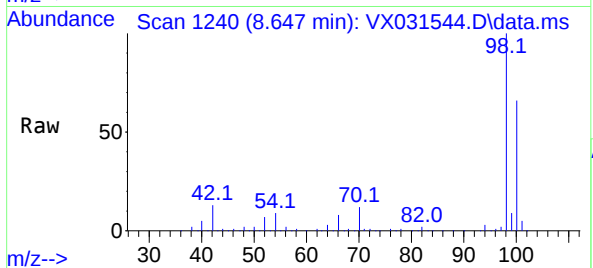
FB091322

Tgt Ion: 98 Resp: 244942

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.954 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031544.D

Acq: 22 Sep 2022 02:59

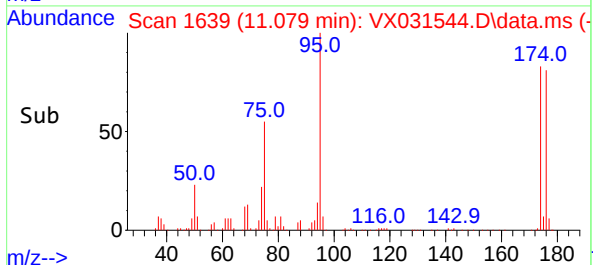
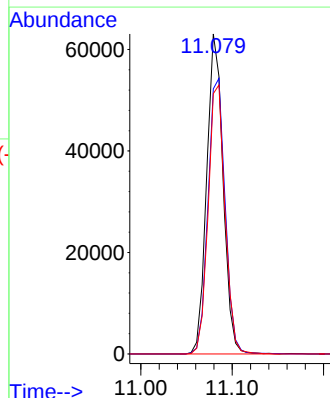
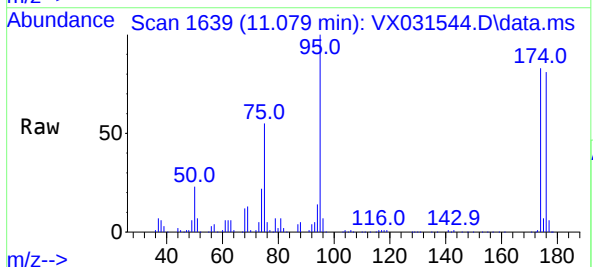
Tgt Ion: 95 Resp: 78203

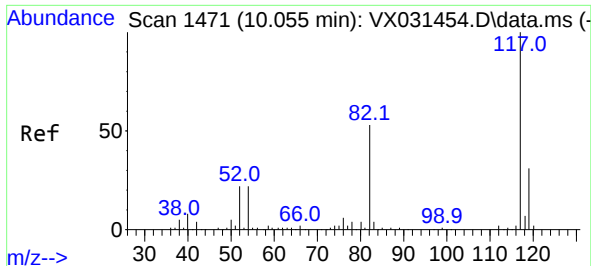
Ion Ratio Lower Upper

95 100

174 90.1 0.0 153.2

176 86.6 0.0 144.0

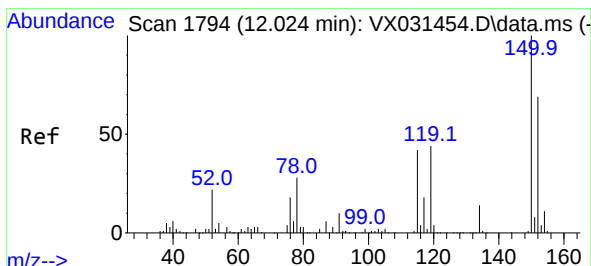
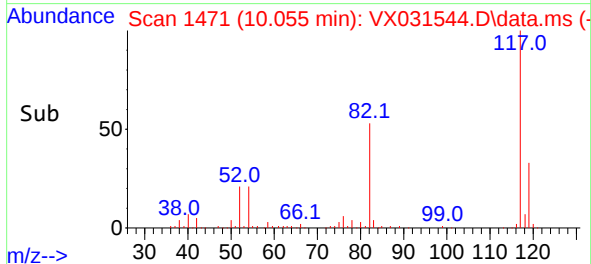
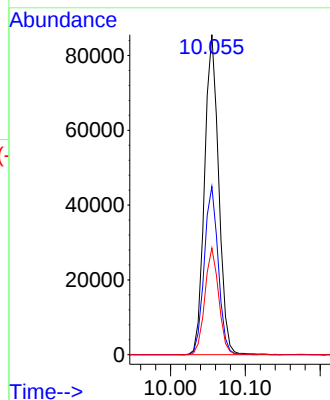
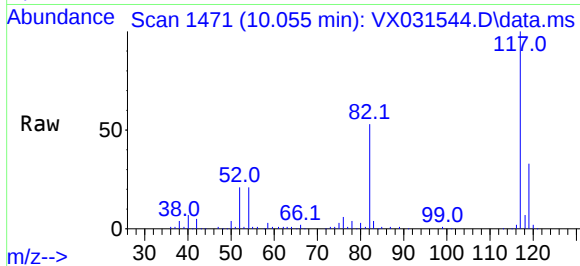




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

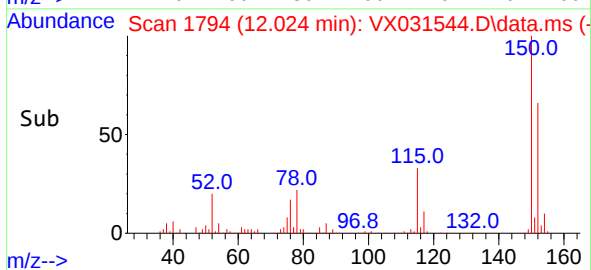
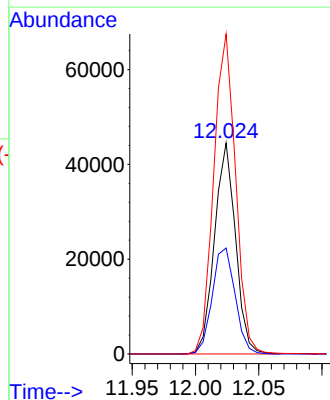
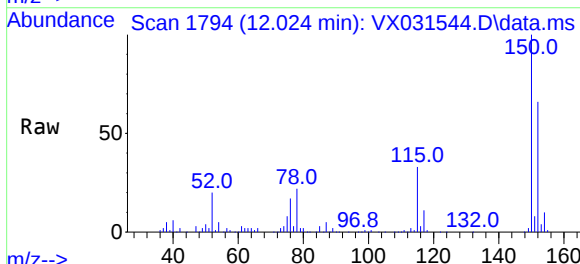
Instrument :
MSVOA_X
ClientSampleId :
FB091322

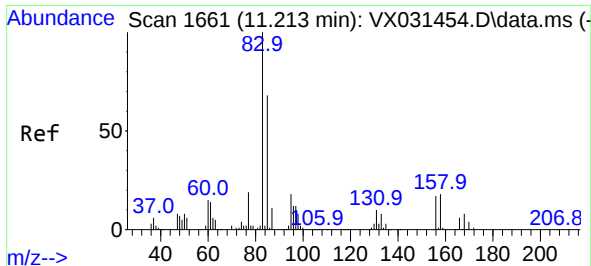
Tgt Ion:117 Resp: 112437
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Tgt Ion:152 Resp: 51396
Ion Ratio Lower Upper
152 100
115 54.8 43.4 130.1
150 158.1 0.0 346.8

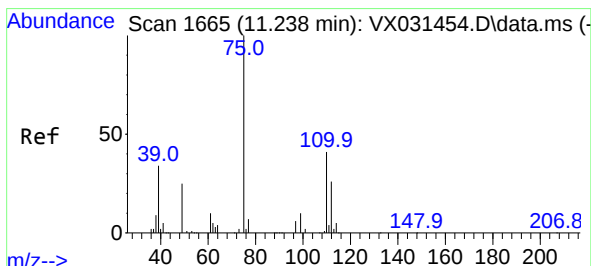
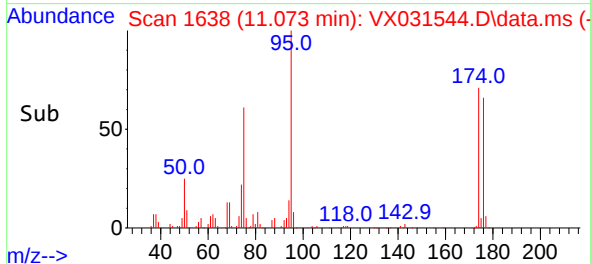
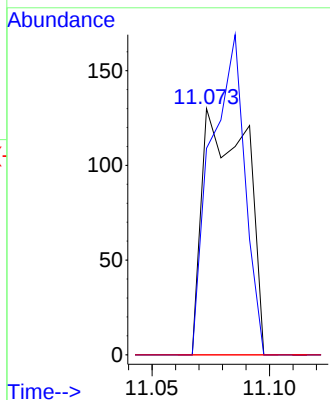
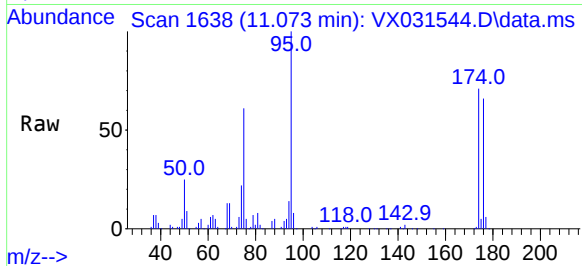




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.140 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

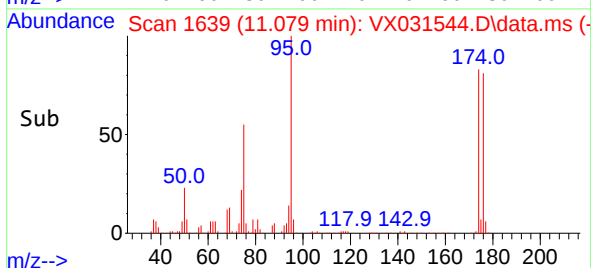
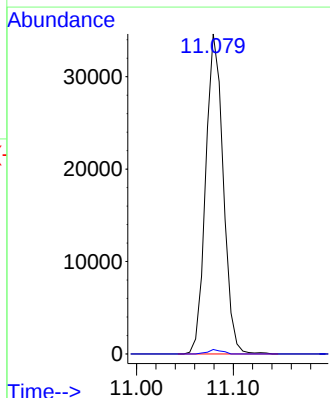
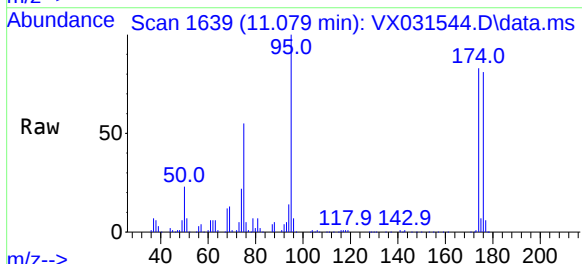
Instrument :
MSVOA_X
ClientSampleId :
FB091322

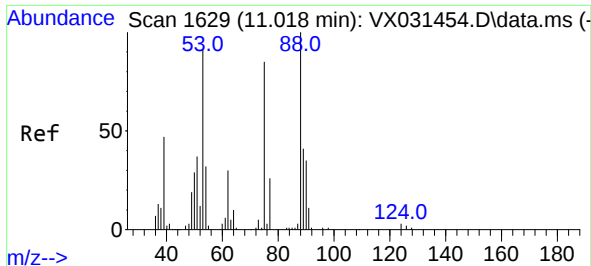
Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
131 99.4 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 38.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Tgt Ion: 75 Resp: 43765
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#

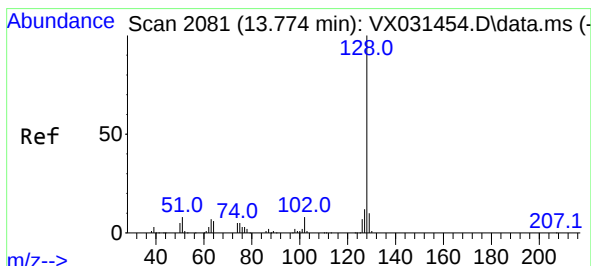
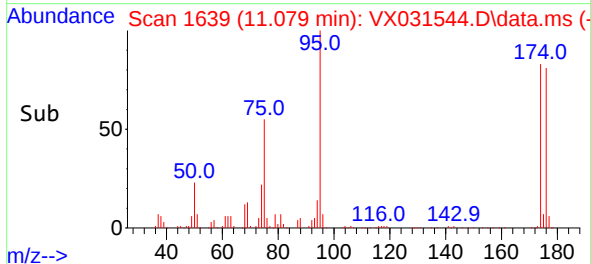
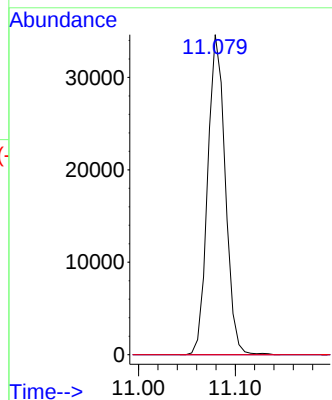
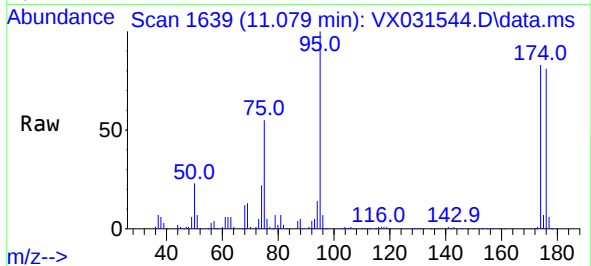




#81
trans-1,4-Dichloro-2-butene
Concen: 122.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Instrument :
MSVOA_X
ClientSampleId :
FB091322

Tgt Ion: 75 Resp: 43765
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 0.260 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031544.D
Acq: 22 Sep 2022 02:59

Tgt Ion: 128 Resp: 957
Ion Ratio Lower Upper
128 100
127 9.3 10.4 15.6#
129 0.0 8.8 13.2#

