

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031555.D
 Acq On : 22 Sep 2022 07:16
 Operator : JC/MD
 Sample : N4642-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9DB

Quant Time: Sep 22 09:22:30 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)

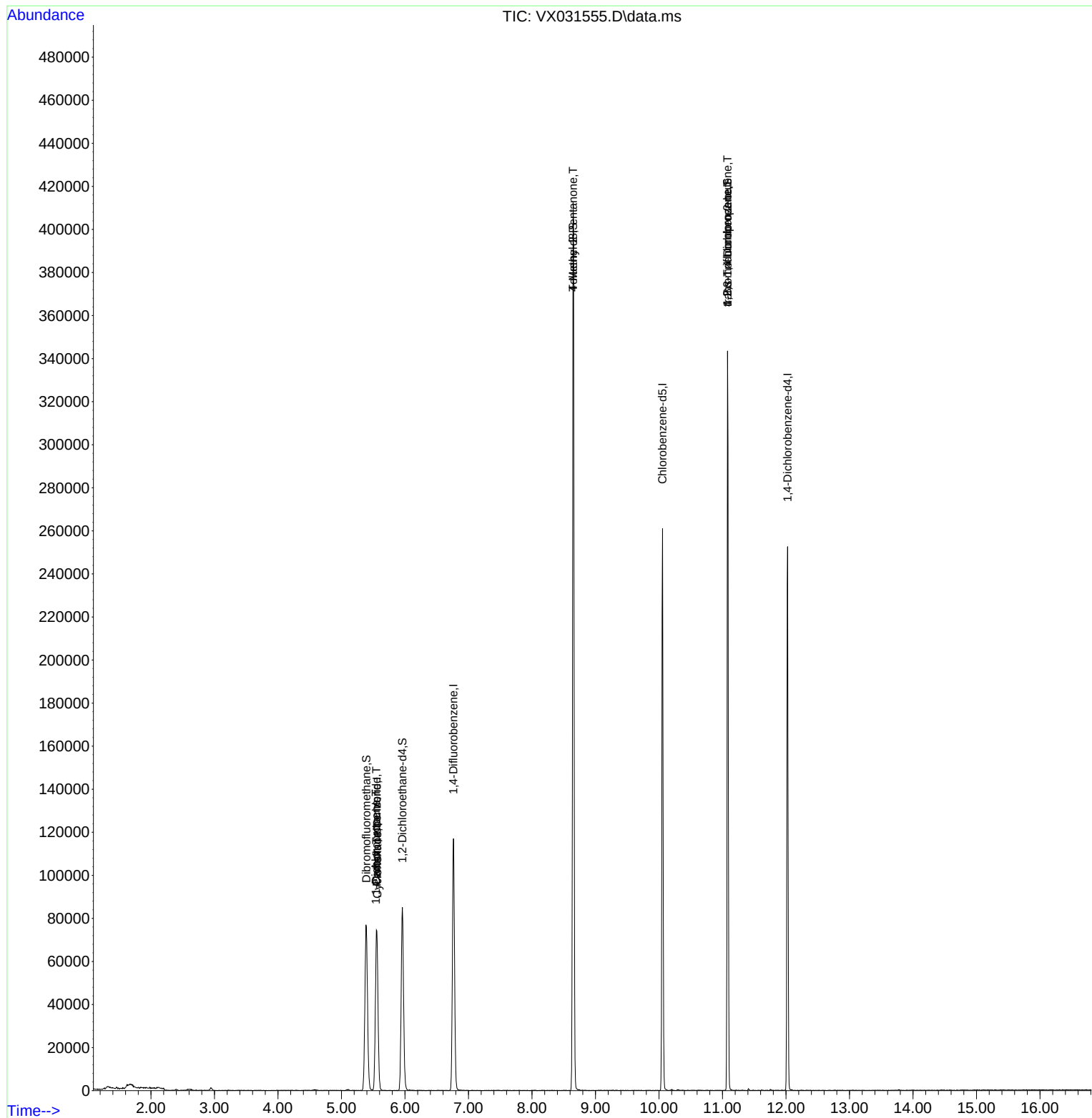
Internal Standards						
1) Pentafluorobenzene	5.556	168	74036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	119509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74547	54.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.820%	
35) Dibromofluoromethane	5.391	113	62512	50.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.647	98	245208	51.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	11.079	95	74112	45.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.900%	
Target Compounds						
						Qvalue
6) Chloroethane	1.679	64	155	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	707	Below Cal	#	73
16) Acetone	2.392	43	629	Below Cal		93
20) Methylene Chloride	2.788	84	38	Below Cal	#	56
31) Cyclohexane	5.562	56	1833	0.910	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	5603	2.950	ug/l #	48
38) Carbon Tetrachloride	5.550	117	7201	3.420	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1097	0.490	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	142	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	42738	37.677	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42738	121.316	ug/l #	11

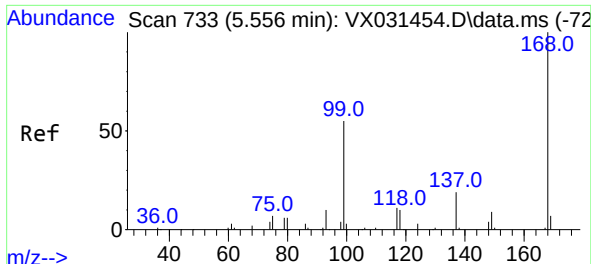
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 09:22:30 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

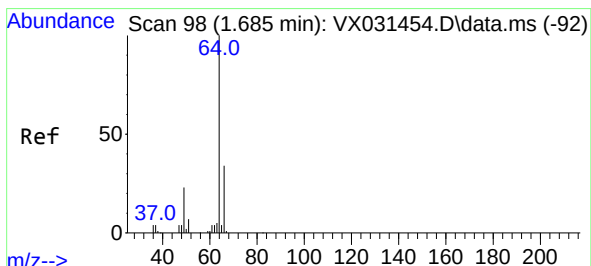
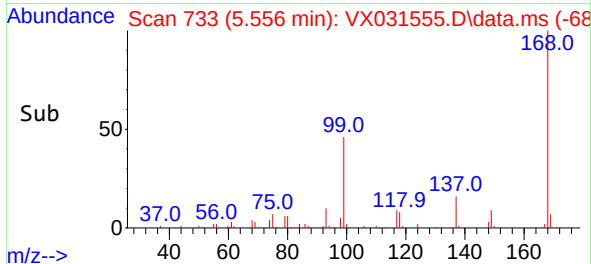
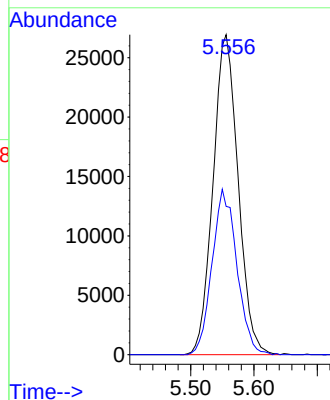
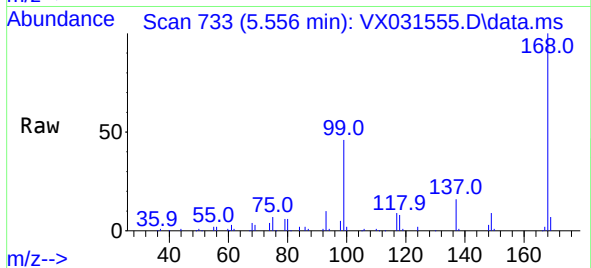




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

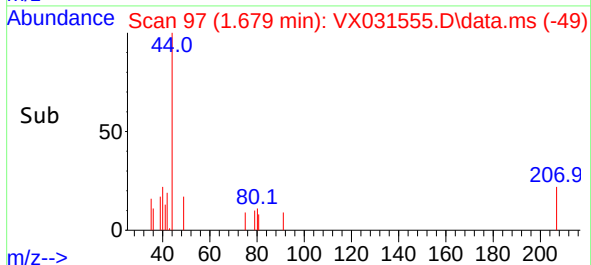
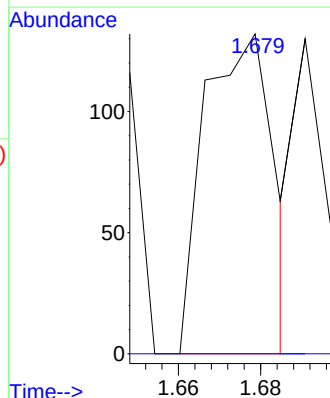
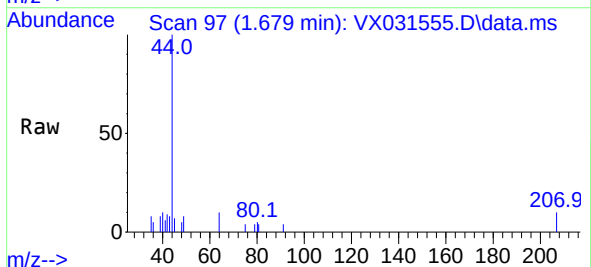
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

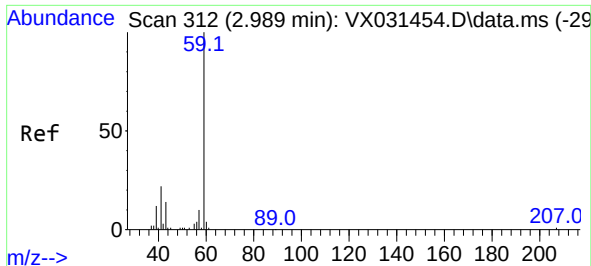
Tgt Ion:168 Resp: 74036
Ion Ratio Lower Upper
168 100
99 46.3 48.8 73.2#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

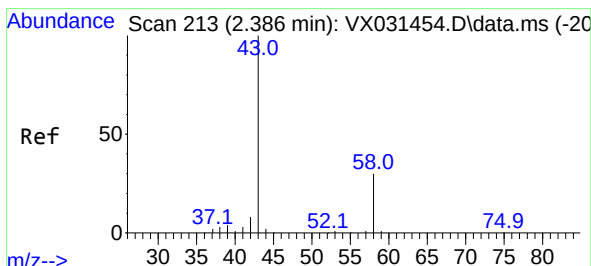
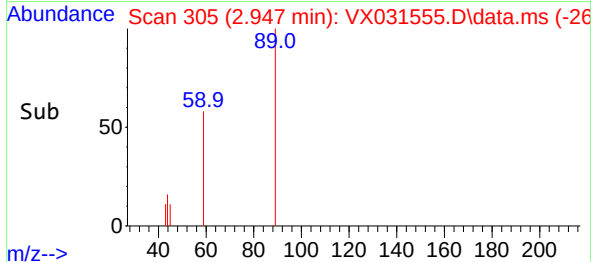
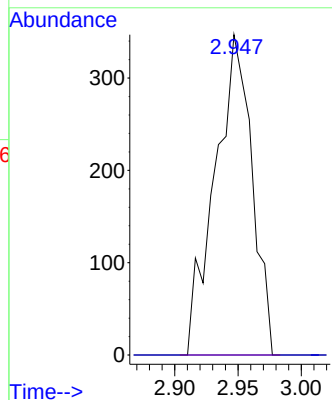
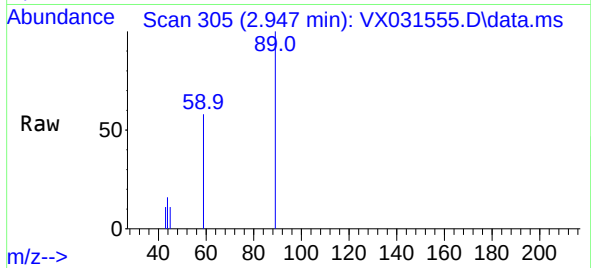




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

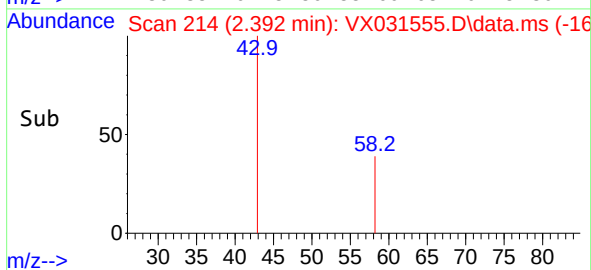
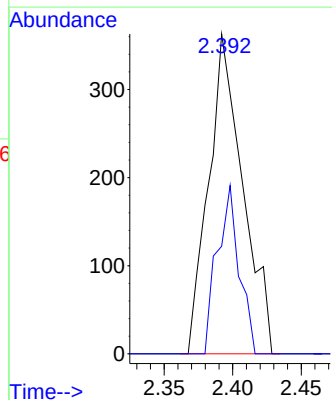
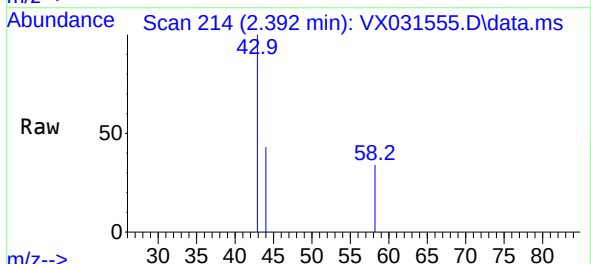
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

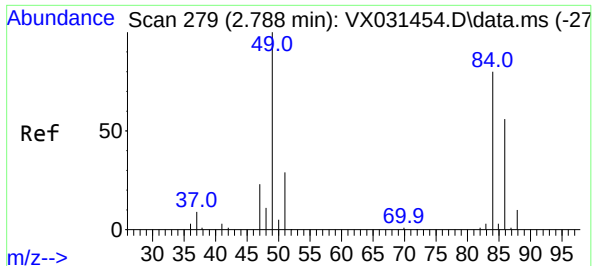
Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.8



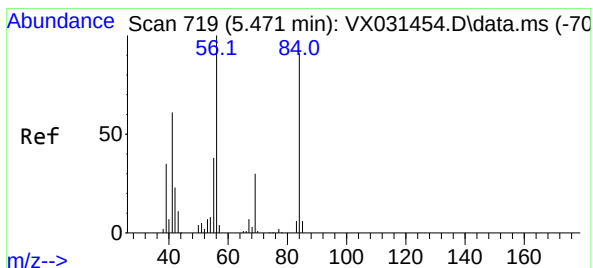
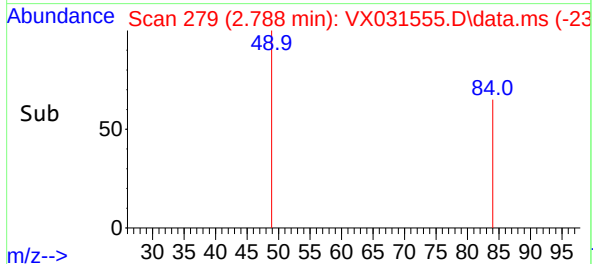
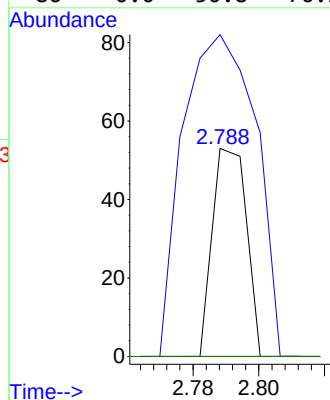
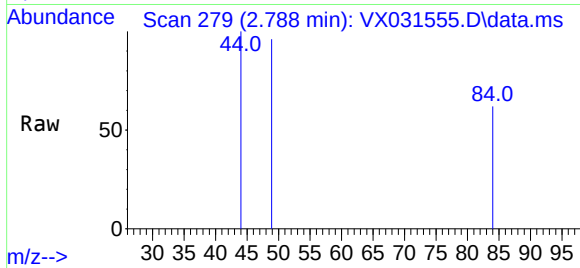


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

Tgt Ion: 84 Resp: 38

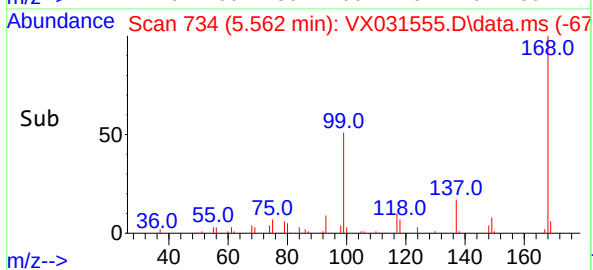
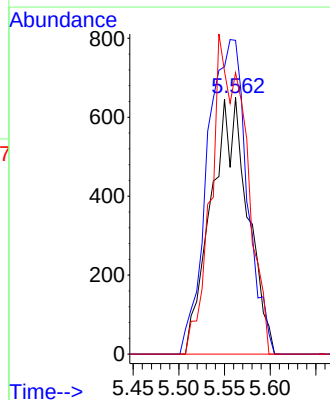
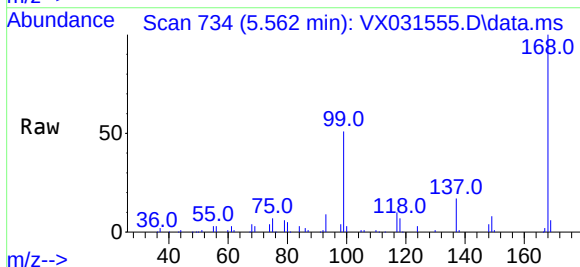
Ion	Ratio	Lower	Upper
84	100		
49	154.7	105.9	158.9
51	0.0	32.2	48.2#
86	0.0	50.8	76.2#

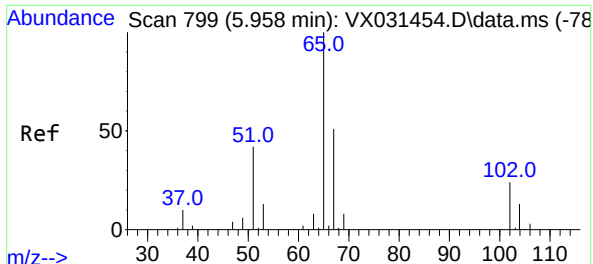


#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 56 Resp: 1833

Ion	Ratio	Lower	Upper
56	100		
69	122.3	25.1	37.7#
84	109.7	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.907 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031555.D

Acq: 22 Sep 2022 07:16

Instrument :

MSVOA_X

ClientSampleId :

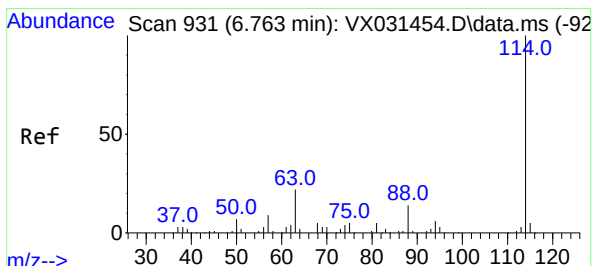
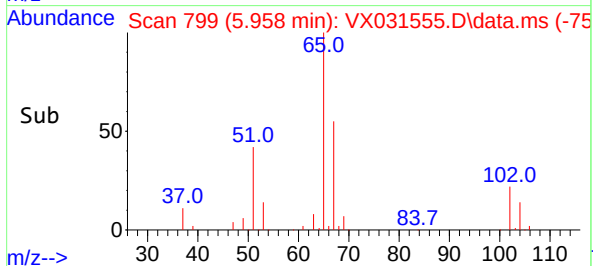
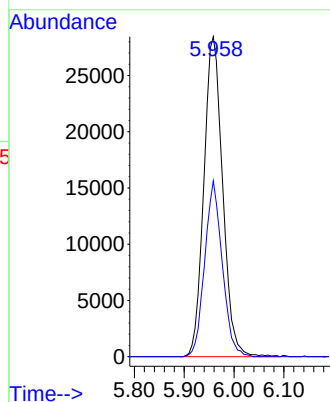
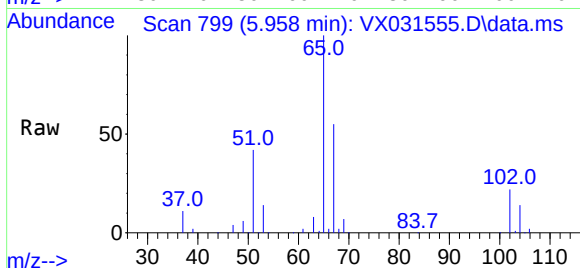
MW-9DB

Tgt Ion: 65 Resp: 74547

Ion Ratio Lower Upper

65 100

67 51.4 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: VX031555.D

Acq: 22 Sep 2022 07:16

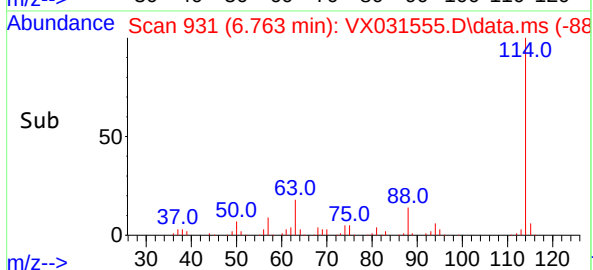
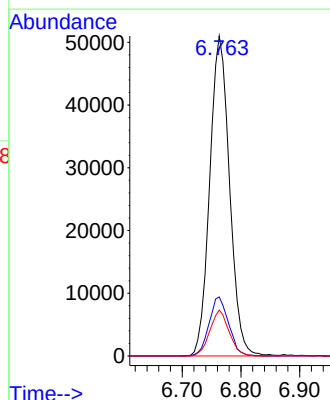
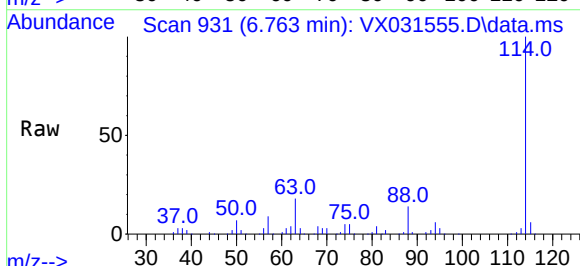
Tgt Ion: 114 Resp: 119509

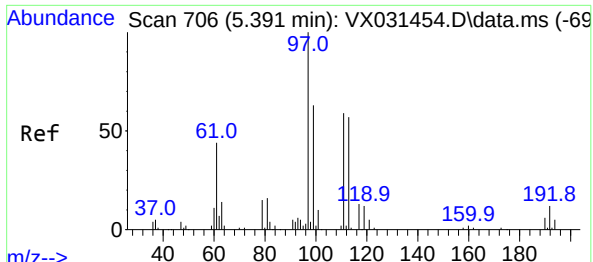
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.6

88 14.4 0.0 33.0

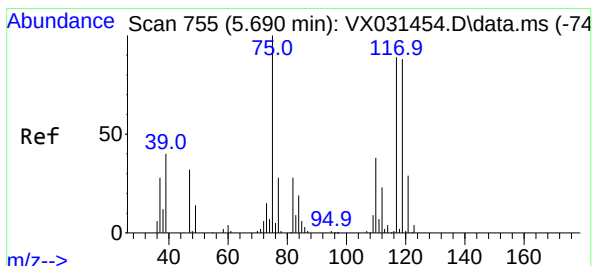
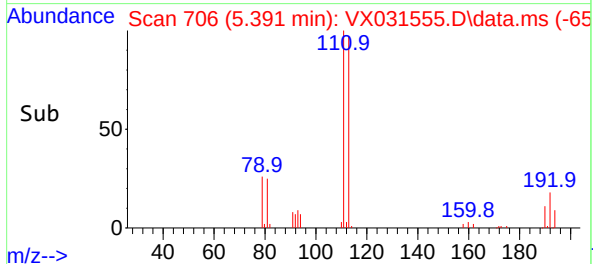
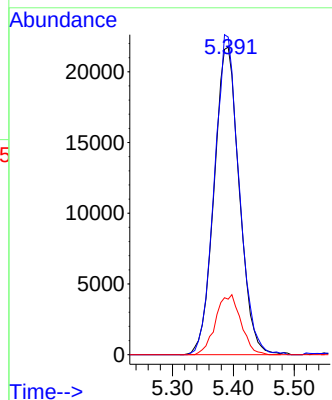
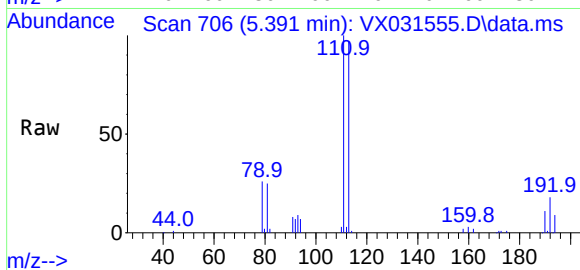




#35
Dibromofluoromethane
Concen: 50.616 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

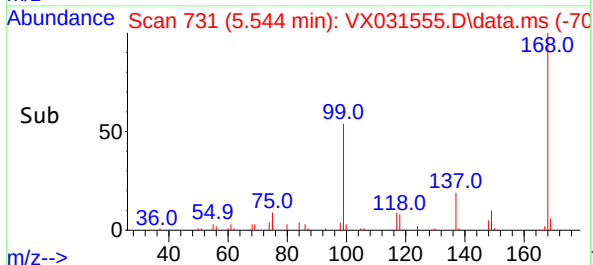
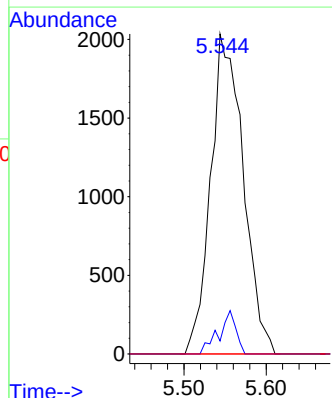
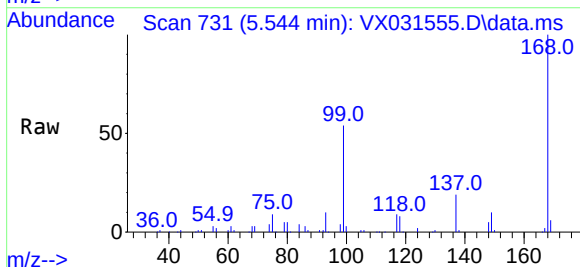
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

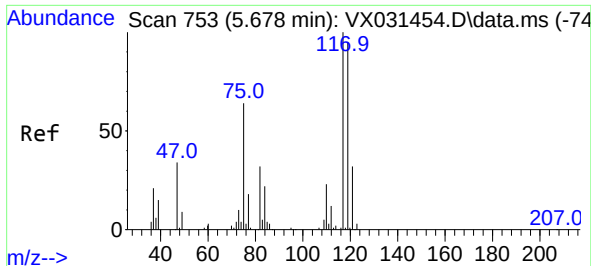
Tgt Ion:113 Resp: 62512
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 2.950 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 75 Resp: 5603
Ion Ratio Lower Upper
75 100
110 7.1 17.5 52.5#
77 0.0 24.9 37.3#

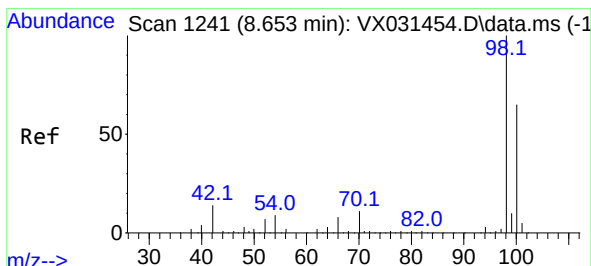
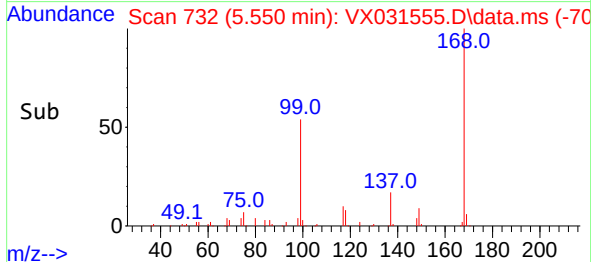
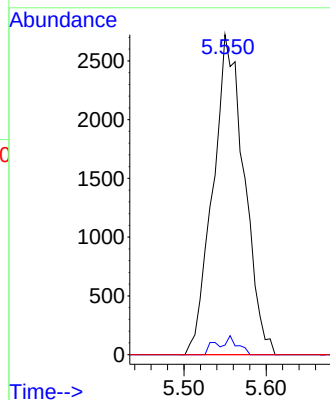
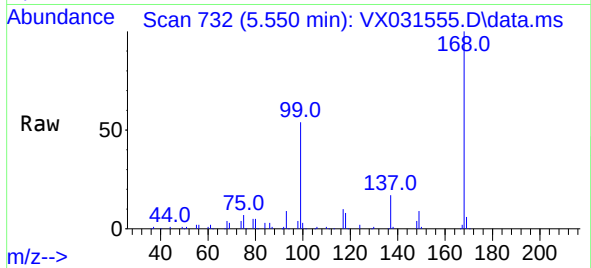




#38
Carbon Tetrachloride
Concen: 3.420 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

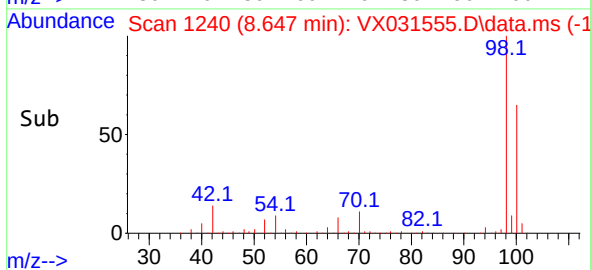
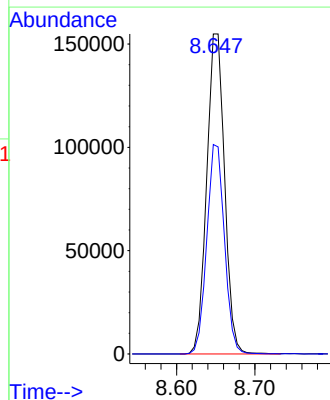
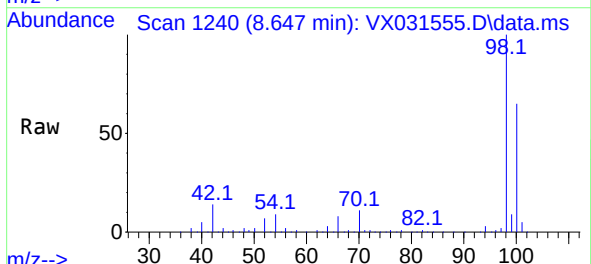
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

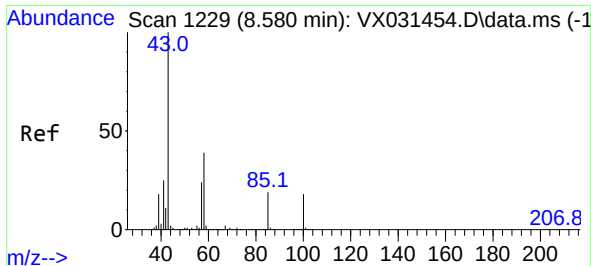
Tgt Ion:117 Resp: 7201
Ion Ratio Lower Upper
117 100
119 3.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 98 Resp: 245208
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.490 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031555.D

Acq: 22 Sep 2022 07:16

Instrument :

MSVOA_X

ClientSampleId :

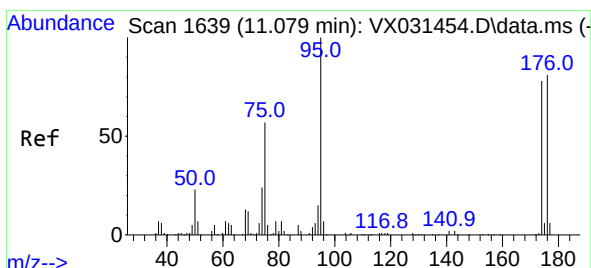
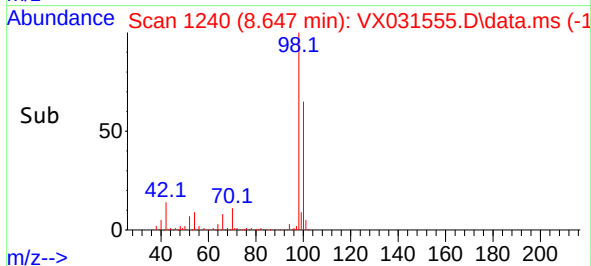
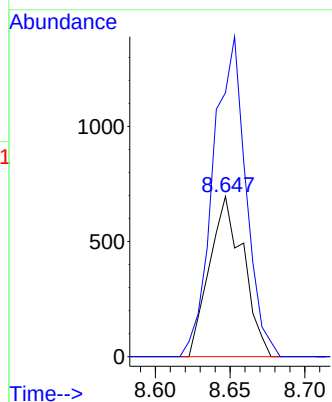
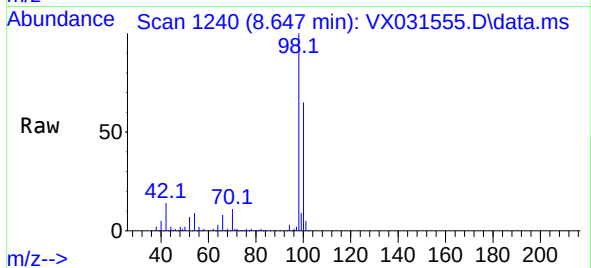
MW-9DB

Tgt Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 193.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031555.D

Acq: 22 Sep 2022 07:16

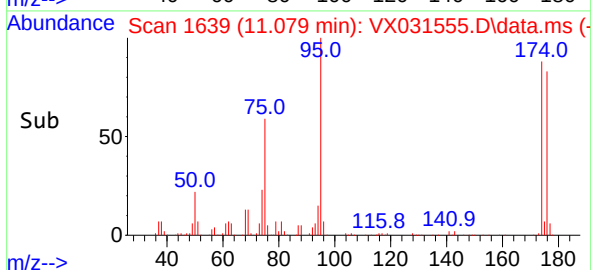
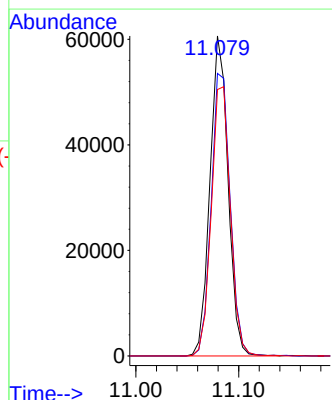
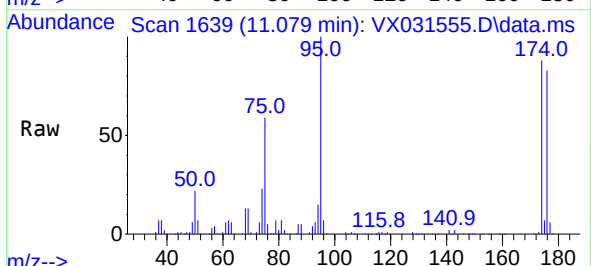
Tgt Ion: 95 Resp: 74112

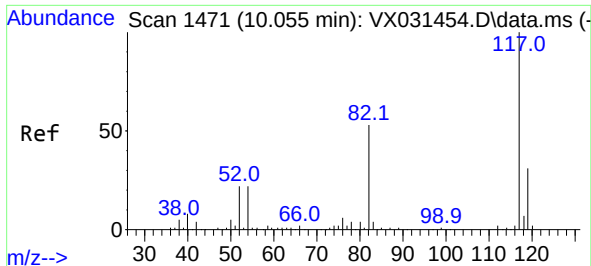
Ion Ratio Lower Upper

95 100

174 92.7 0.0 153.2

176 88.7 0.0 144.0

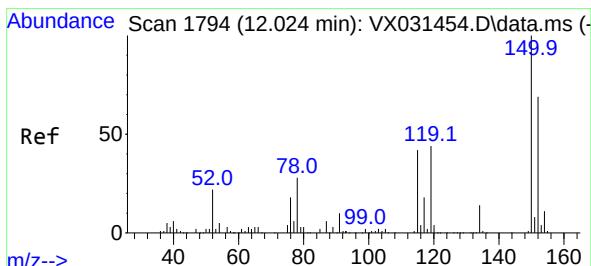
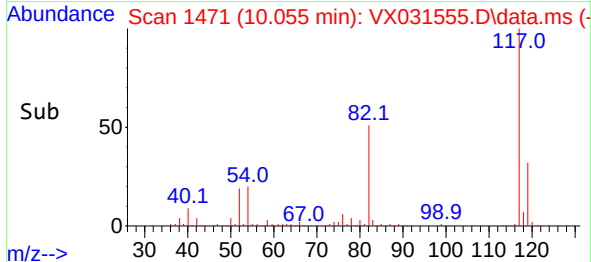
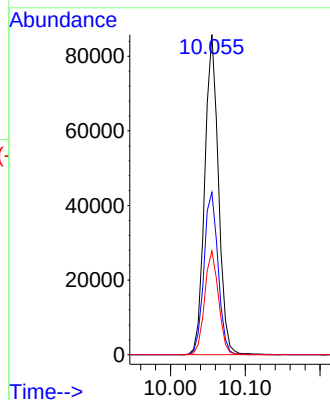
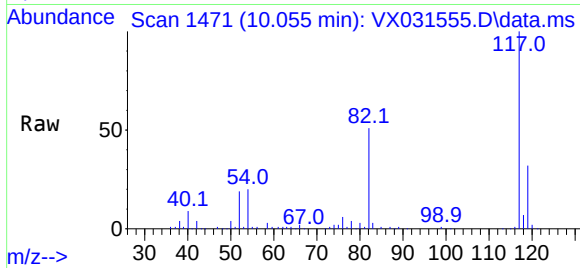




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

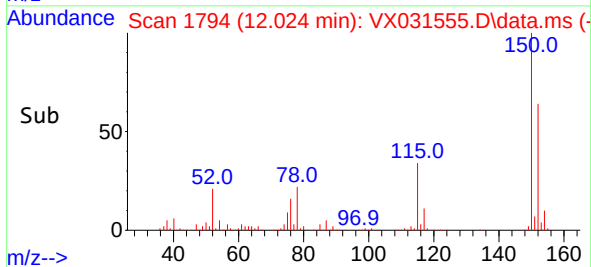
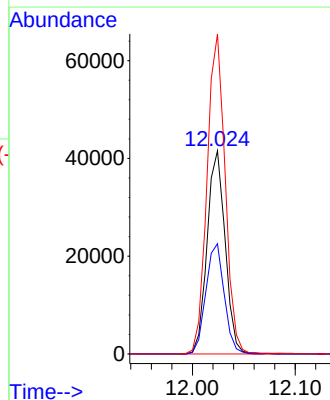
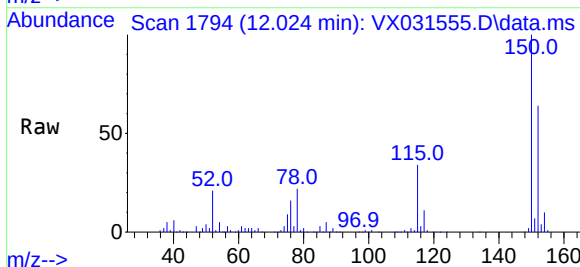
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

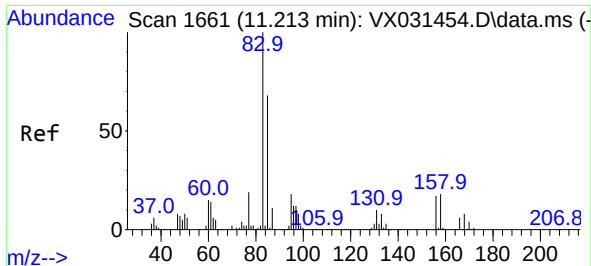
Tgt Ion:117 Resp: 109406
Ion Ratio Lower Upper
117 100
82 50.7 46.8 70.2
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion:152 Resp: 50823
Ion Ratio Lower Upper
152 100
115 55.3 43.4 130.1
150 158.6 0.0 346.8

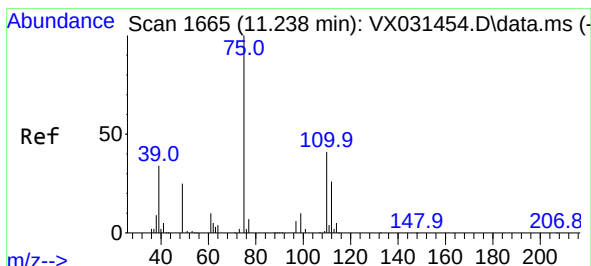
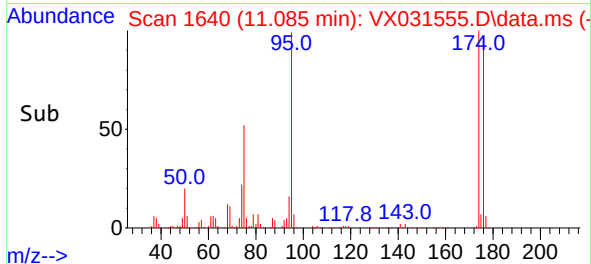
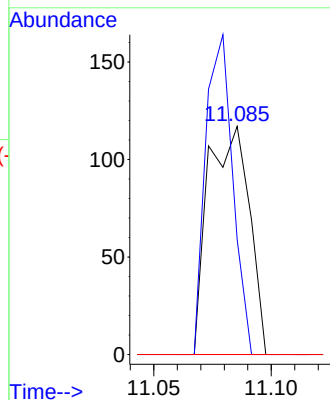
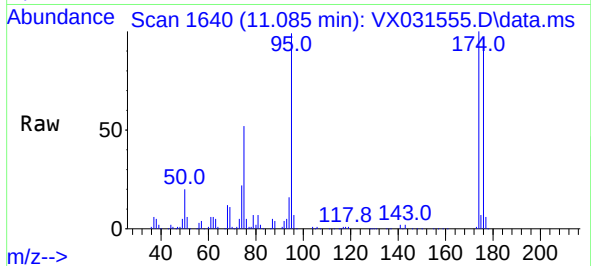




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

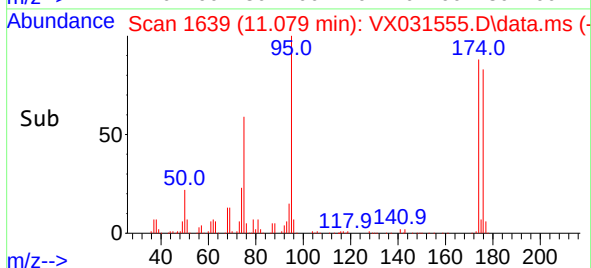
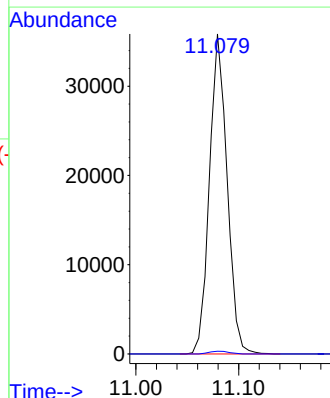
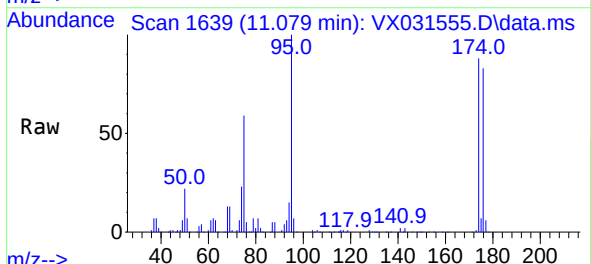
Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

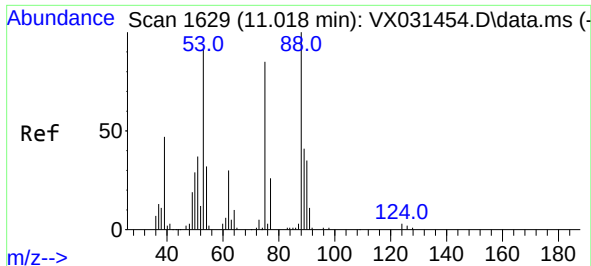
Tgt Ion: 83 Resp: 142
Ion Ratio Lower Upper
83 100
131 92.3 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 37.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Tgt Ion: 75 Resp: 42738
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.316 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031555.D
Acq: 22 Sep 2022 07:16

Instrument :
MSVOA_X
ClientSampleId :
MW-9DB

Tgt Ion: 75 Resp: 42738
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

