

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031543.D
 Acq On : 22 Sep 2022 02:34
 Operator : JC/MD
 Sample : N4614-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:25:33 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)

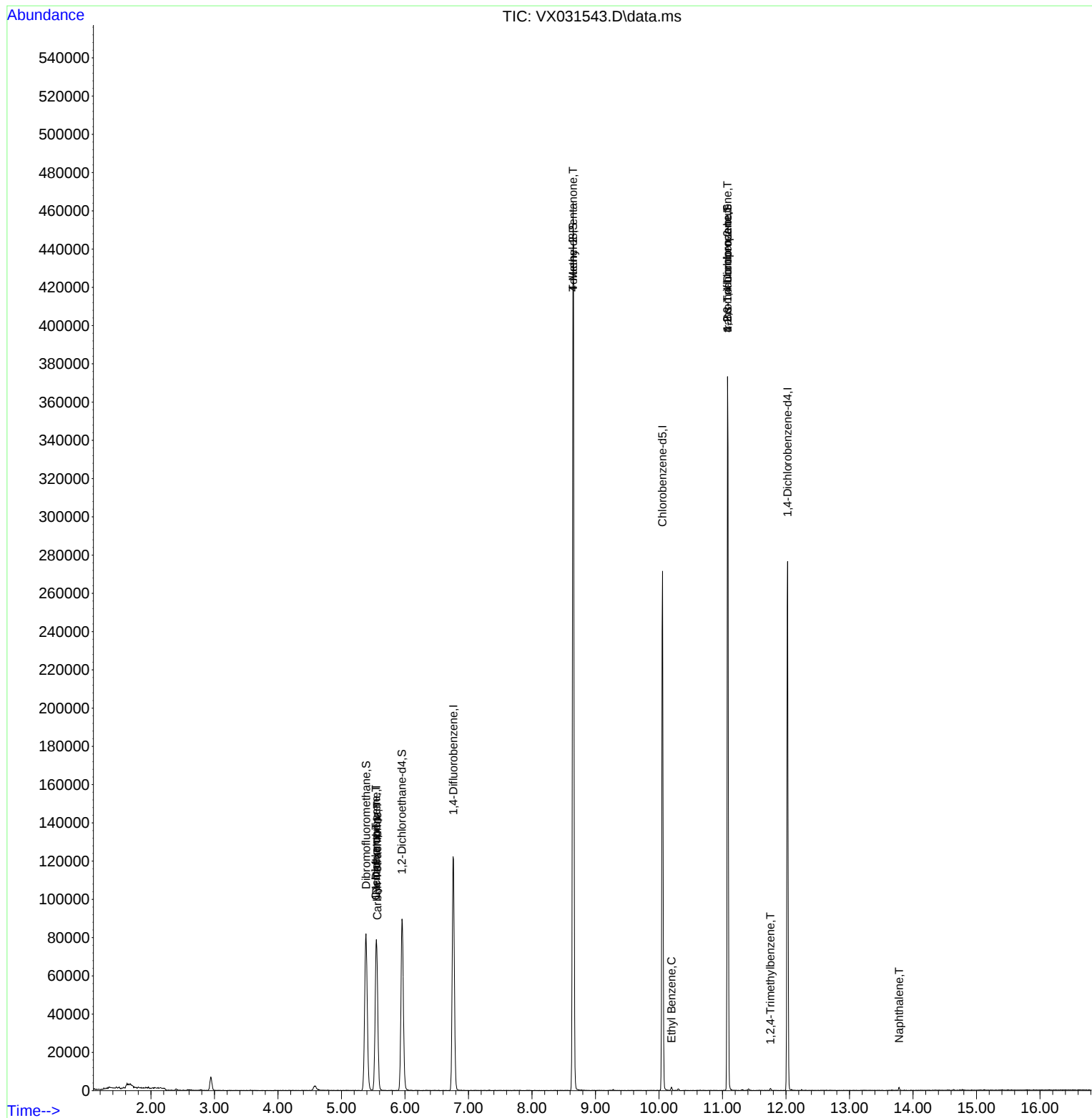
Internal Standards						
1) Pentafluorobenzene	5.550	168	78449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79135	55.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.020%	
35) Dibromofluoromethane	5.385	113	67218	51.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.180%	
50) Toluene-d8	8.647	98	263070	51.854	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.079	95	80915	47.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.180%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	67	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	3929	Below Cal	#	73
13) Acrolein	2.130	56	22	Below Cal	#	15
16) Acetone	2.398	43	985	Below Cal		97
20) Methylene Chloride	2.782	84	200	Below Cal	#	54
31) Cyclohexane	5.544	56	1821	0.853	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	5938	2.934	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7460	3.325	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1353	0.567	ug/l #	1
67) Ethyl Benzene	10.195	91	1309	0.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.085	83	167	Below Cal	#	2
76) 1,2,3-Trichloropropane	11.079	75	46843	38.492	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46843	123.938	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.756	105	714	0.210	ug/l	100
95) Naphthalene	13.780	128	1268	0.324	ug/l #	86

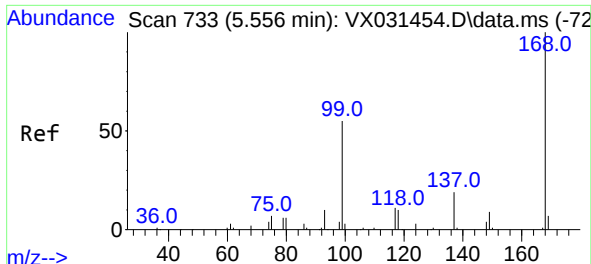
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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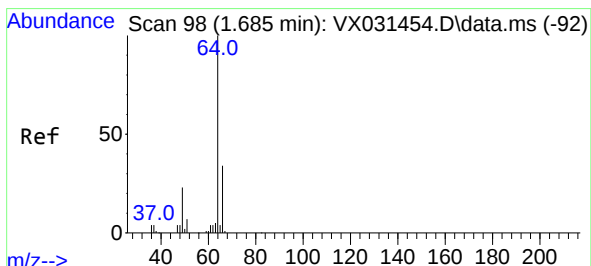
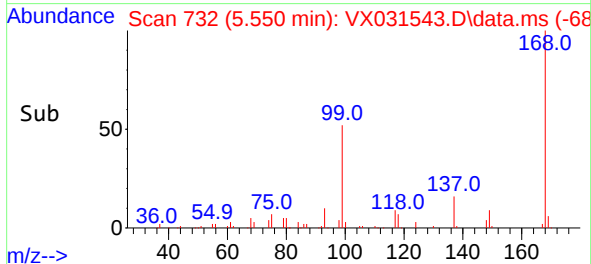
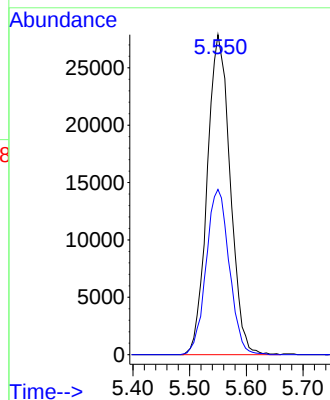
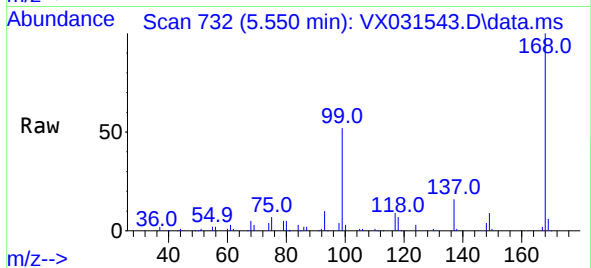




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

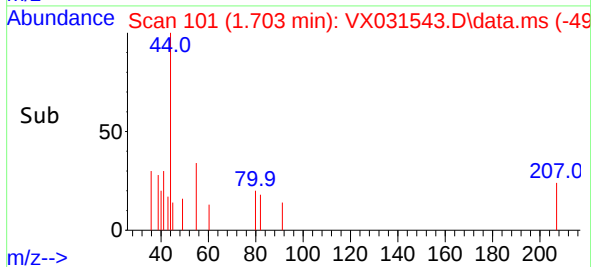
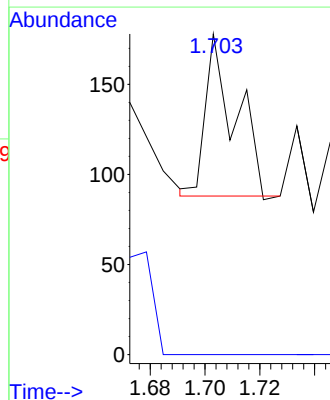
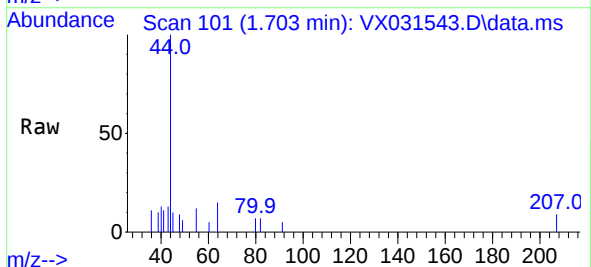
Instrument :
MSVOA_X
ClientSampleId :

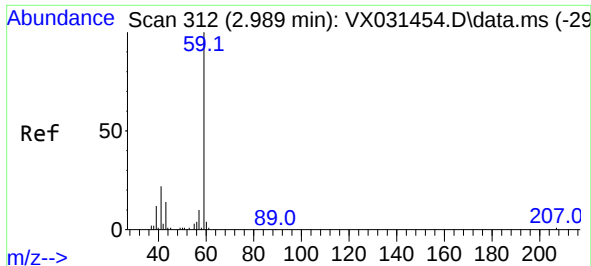
Tgt Ion:168 Resp: 78449
Ion Ratio Lower Upper
168 100
99 51.6 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

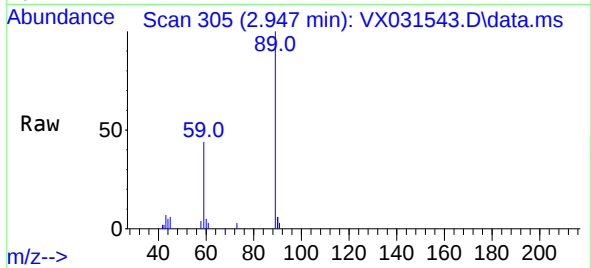
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



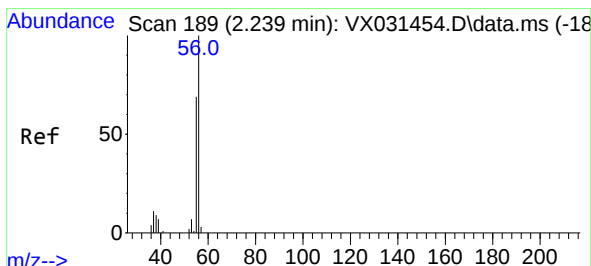
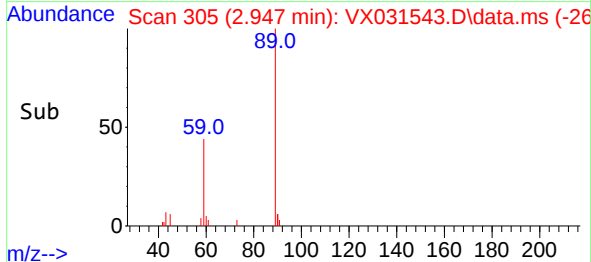
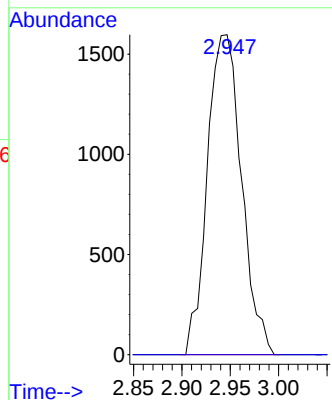


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Instrument :
MSVOA_X
ClientSampleId :

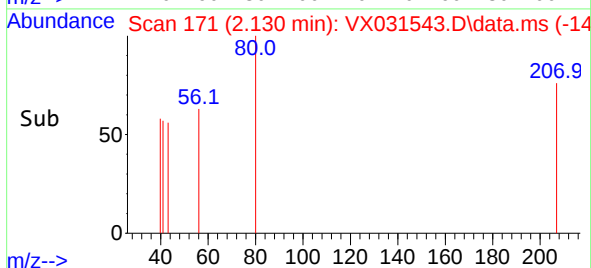
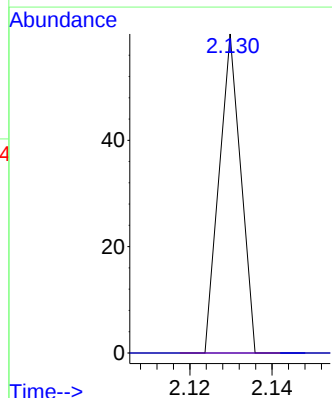
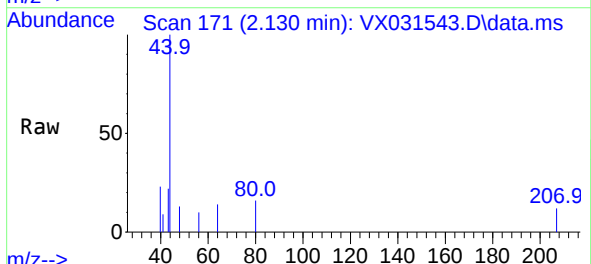


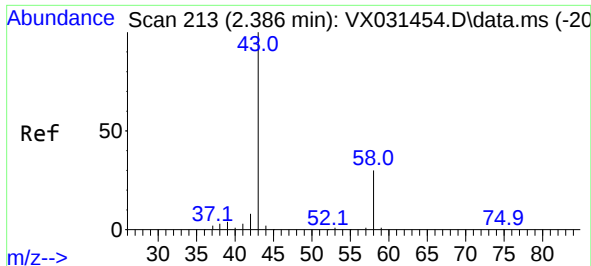
Tgt Ion: 59 Resp: 3929
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.130 min Scan# 171
Delta R.T. -0.109 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

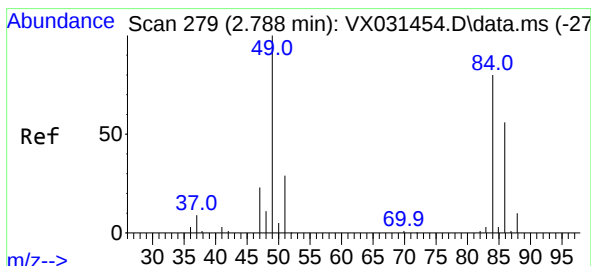
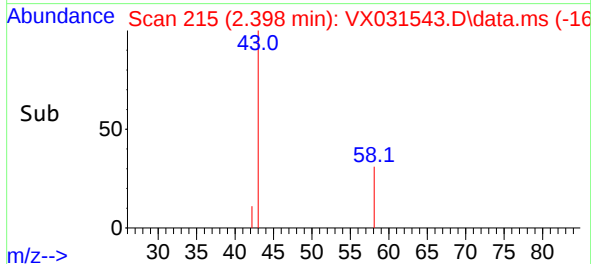
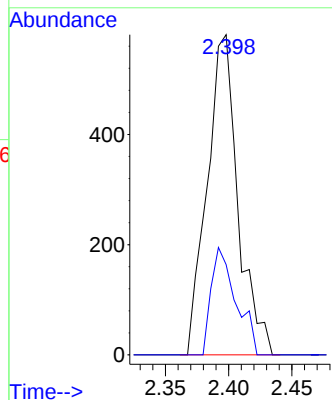
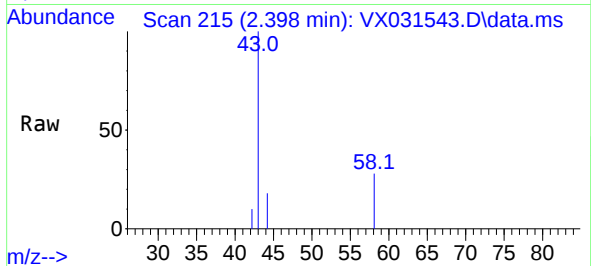




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

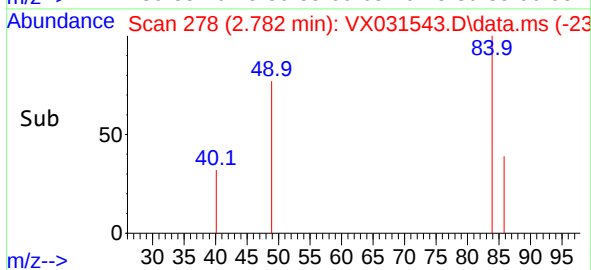
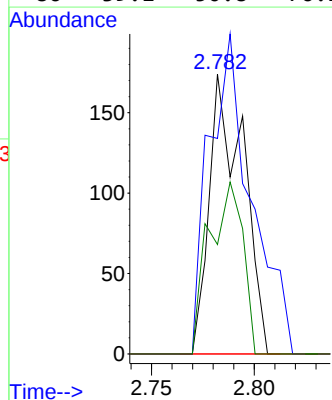
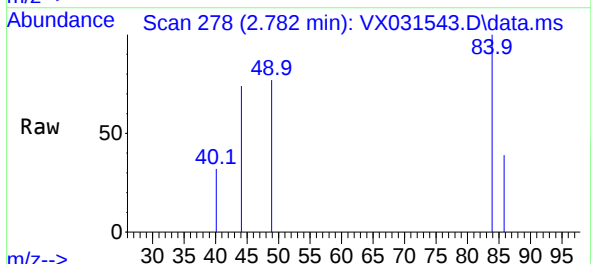
Instrument :
MSVOA_X
ClientSampleId :

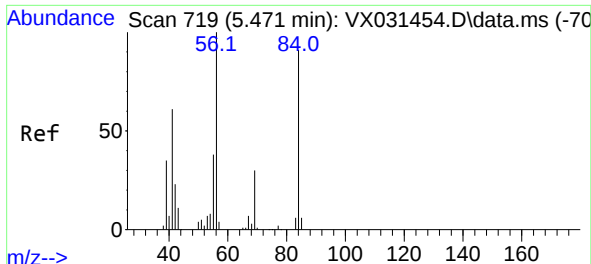
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

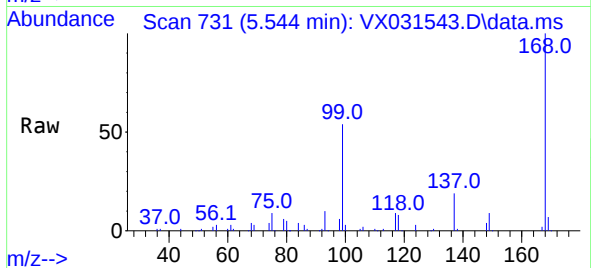
Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 77.0 105.9 158.9#
51 0.0 32.2 48.2#
86 39.1 50.8 76.2#



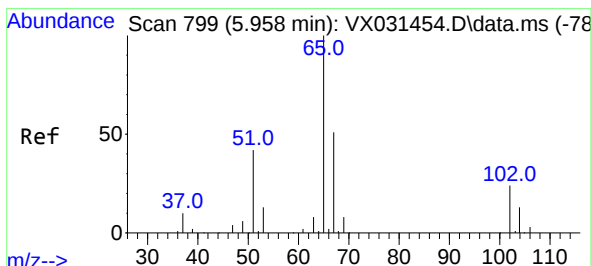
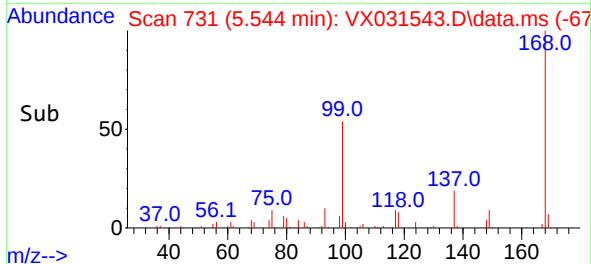
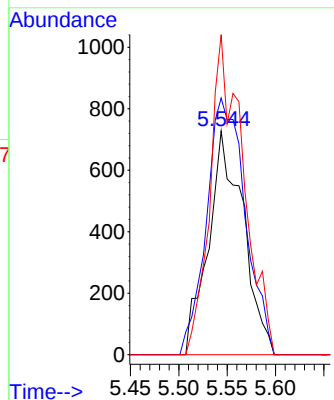


#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Instrument :
MSVOA_X
ClientSampleId :

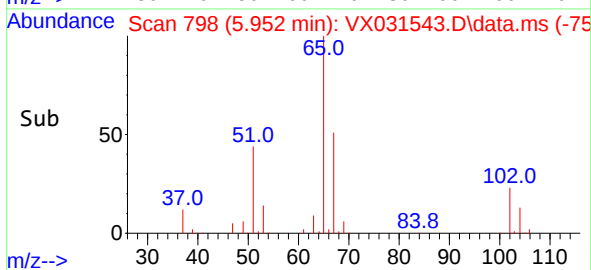
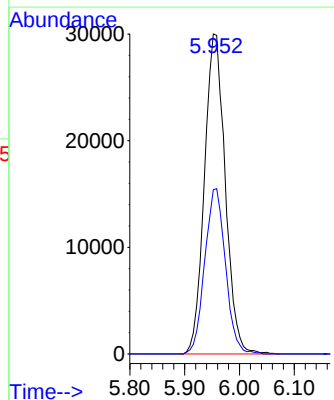
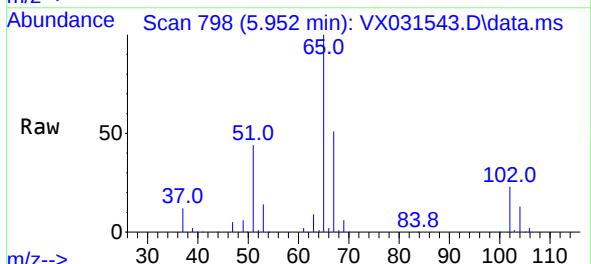


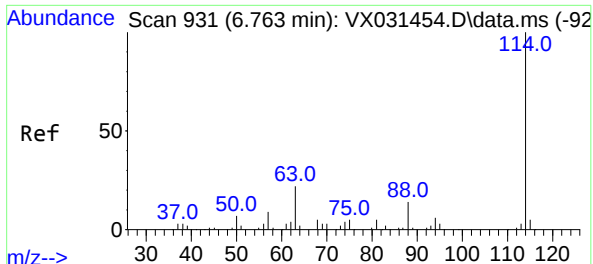
Tgt Ion: 56 Resp: 1821
Ion Ratio Lower Upper
56 100
69 114.7 25.1 37.7#
84 143.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.010 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion: 65 Resp: 79135
Ion Ratio Lower Upper
65 100
67 51.3 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: VX031543.D

Acq: 22 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

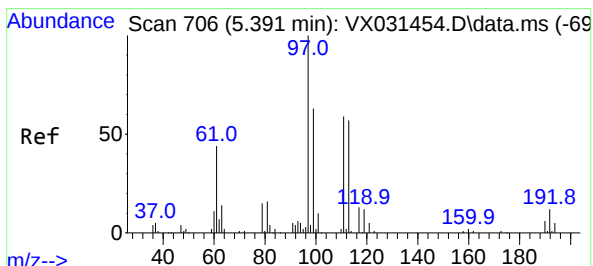
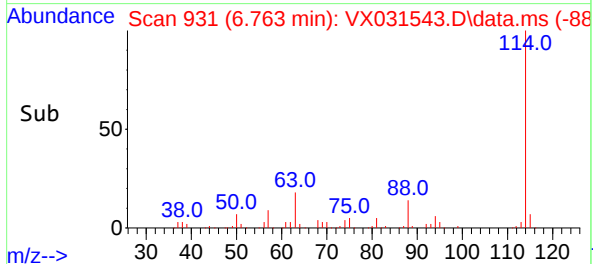
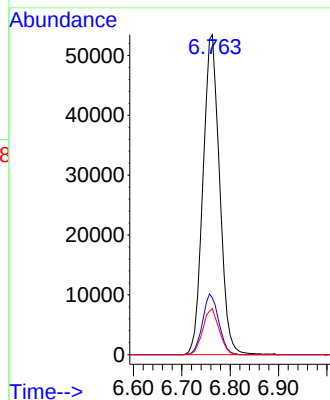
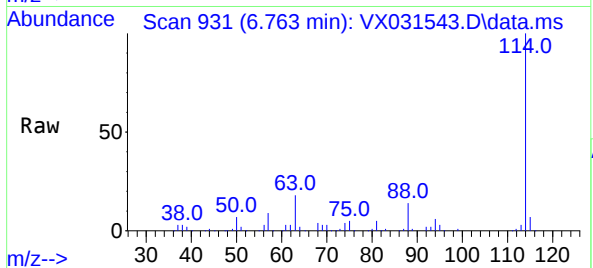
Tgt Ion:114 Resp: 127339

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.6

88 14.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.086 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031543.D

Acq: 22 Sep 2022 02:34

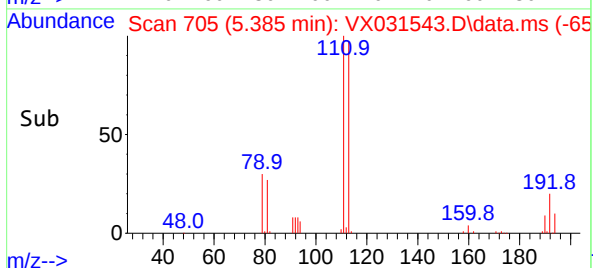
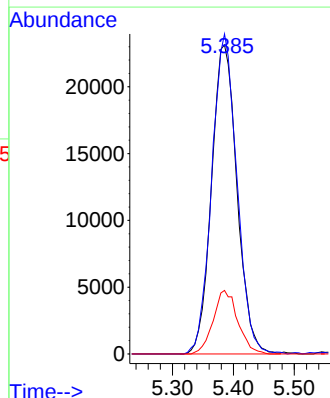
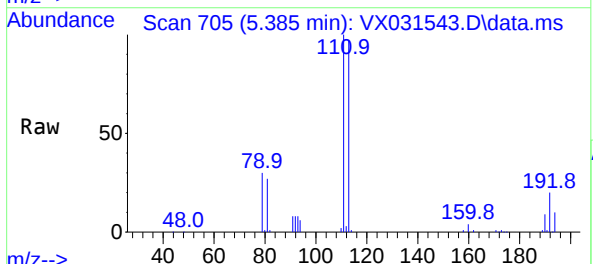
Tgt Ion:113 Resp: 67218

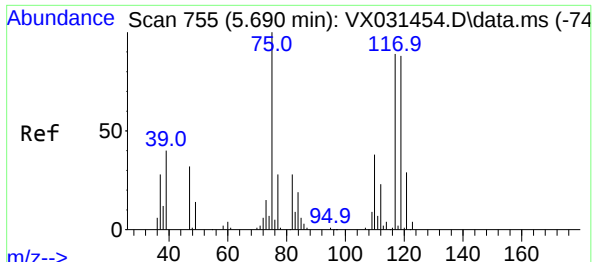
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

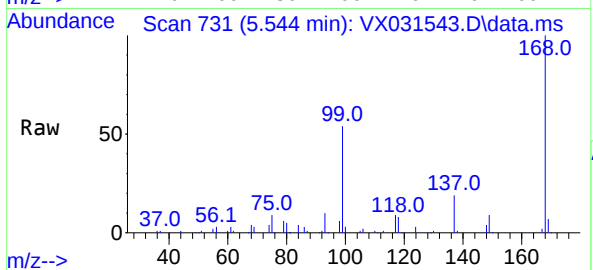
192 19.8 14.1 21.1



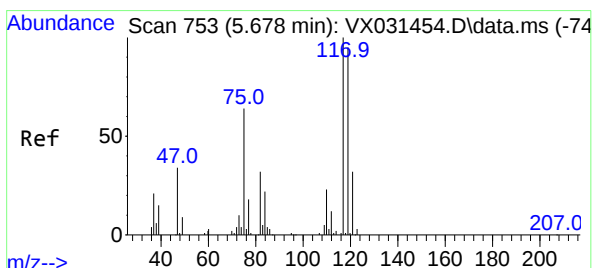
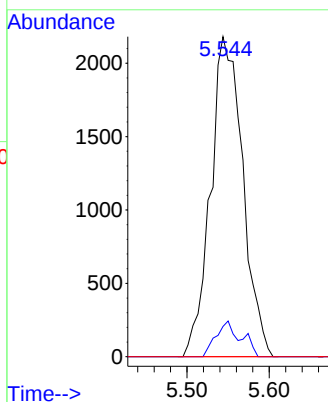
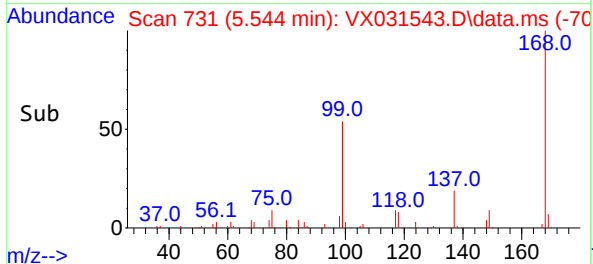


#36
1,1-Dichloropropene
Concen: 2.934 ug/l
RT: 5.544 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

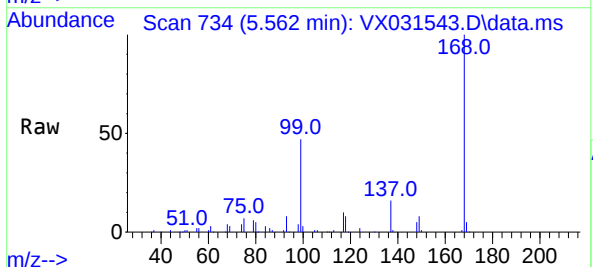
Instrument :
MSVOA_X
ClientSampleId :



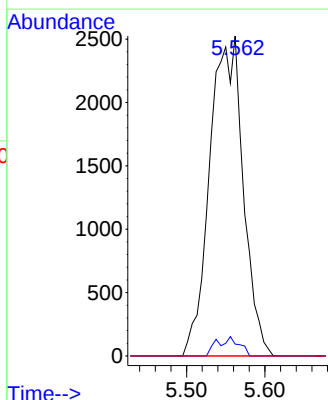
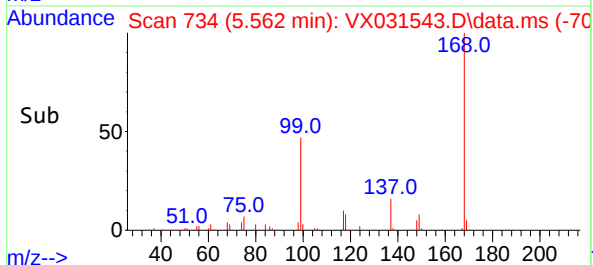
Tgt Ion: 75 Resp: 5938
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.9 37.3#

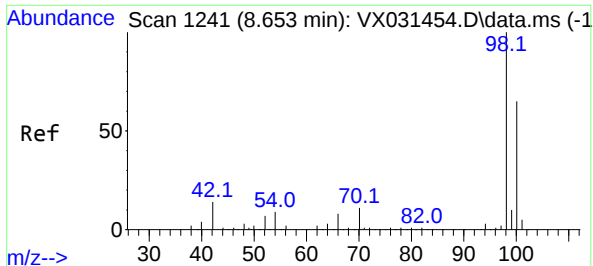


#38
Carbon Tetrachloride
Concen: 3.325 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34



Tgt Ion: 117 Resp: 7460
Ion Ratio Lower Upper
117 100
119 3.7 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 51.854 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031543.D

Acq: 22 Sep 2022 02:34

Instrument :

MSVOA_X

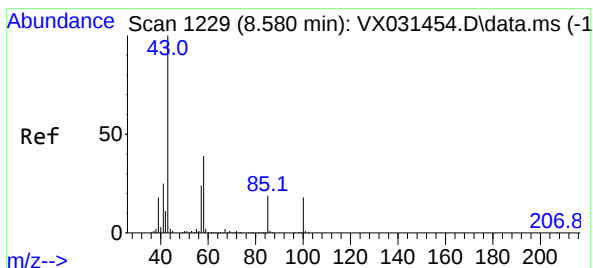
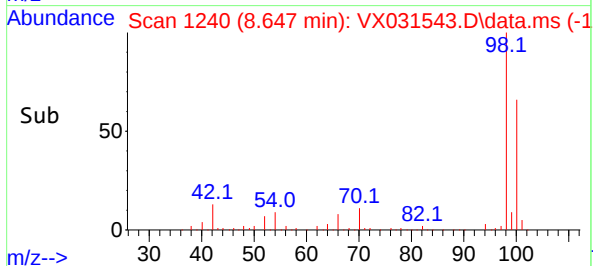
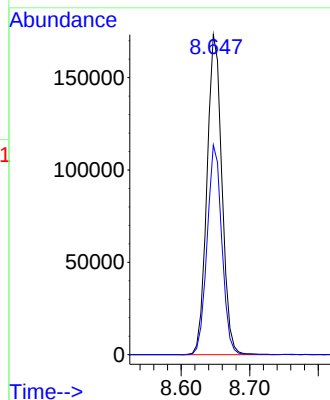
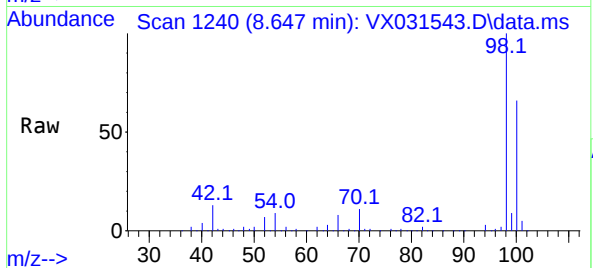
ClientSampleId :

Tgt Ion: 98 Resp: 263070

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.567 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031543.D

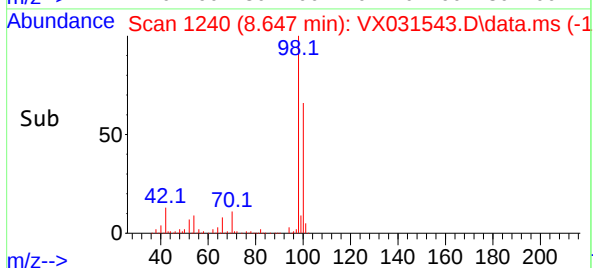
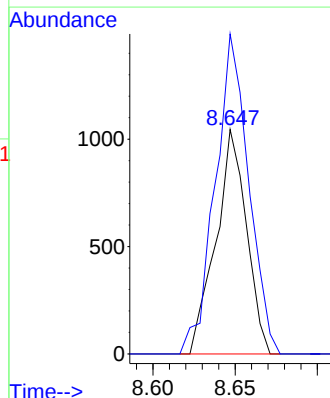
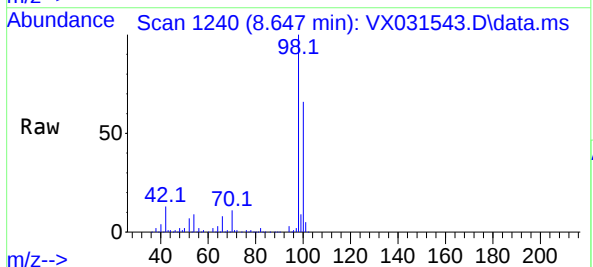
Acq: 22 Sep 2022 02:34

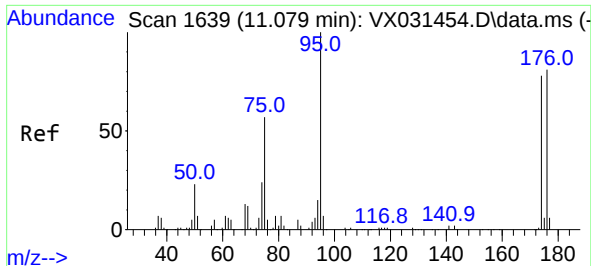
Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 156.0 30.6 46.0#

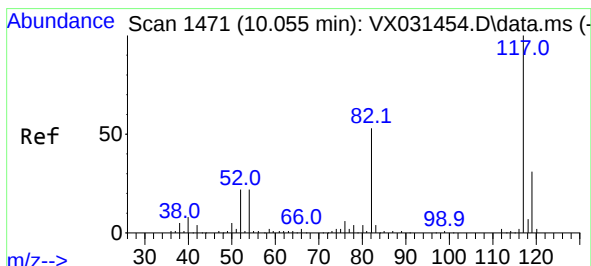
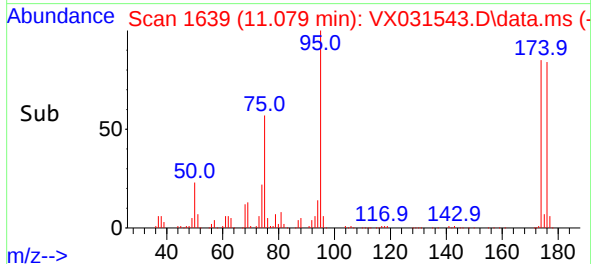
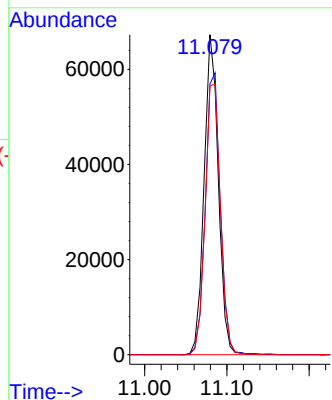
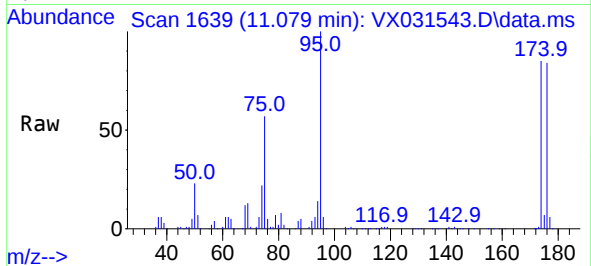




#62
4-Bromofluorobenzene
Concen: 47.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

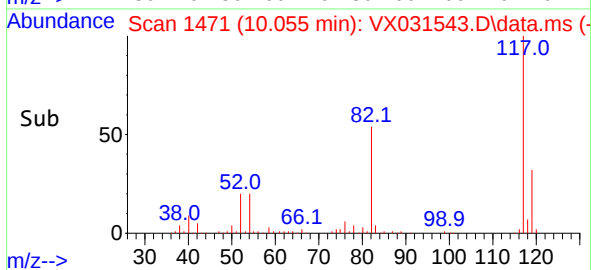
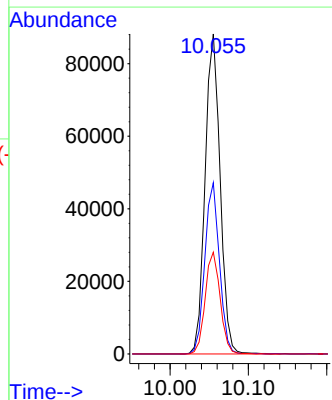
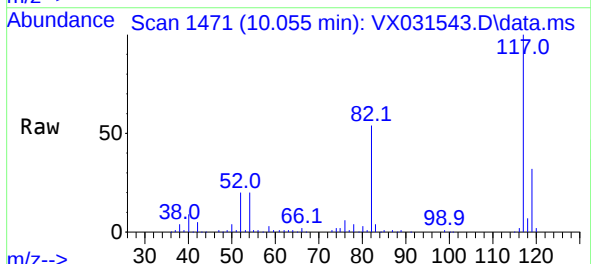
Instrument :
MSVOA_X
ClientSampleId :

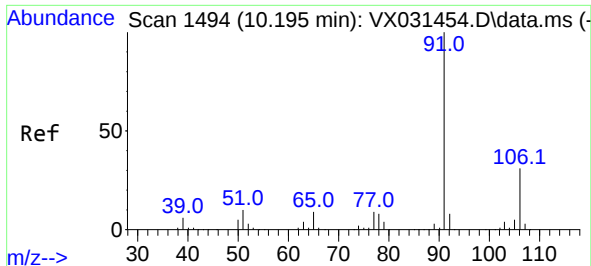
Tgt Ion: 95 Resp: 80915
Ion Ratio Lower Upper
95 100
174 92.4 0.0 153.2
176 90.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion: 117 Resp: 117344
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 31.8 26.4 39.6

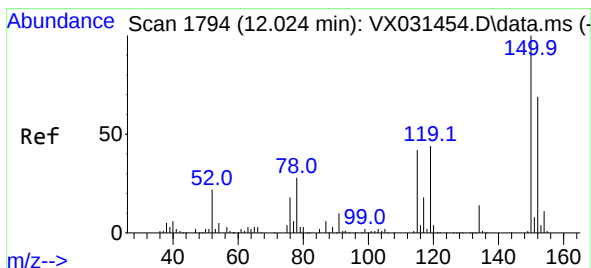
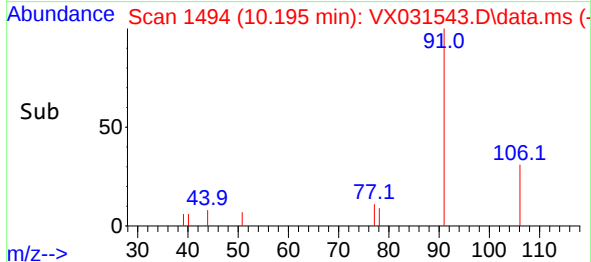
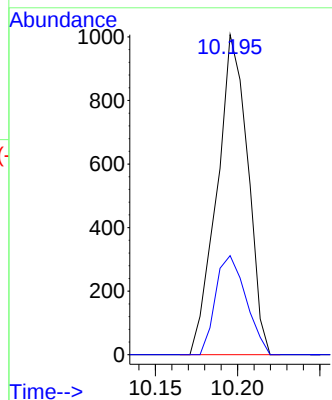
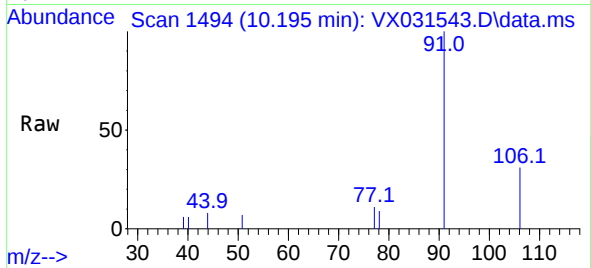




#67
Ethyl Benzene
Concen: 0.205 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

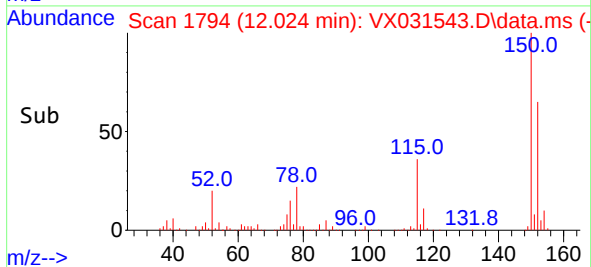
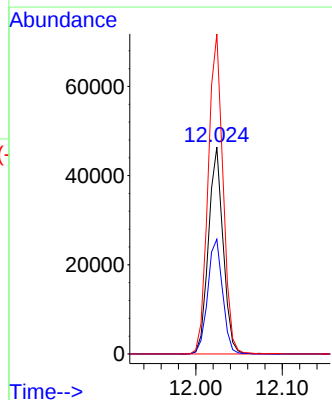
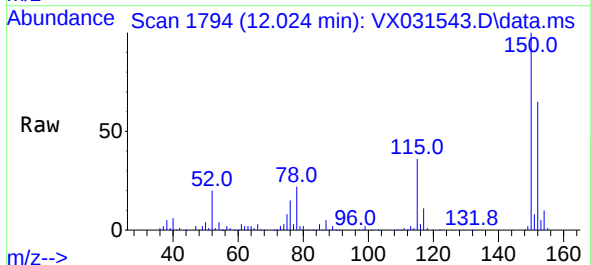
Instrument :
MSVOA_X
ClientSampleId :

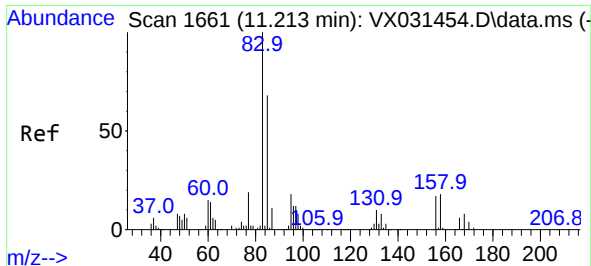
Tgt Ion: 91 Resp: 1309
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

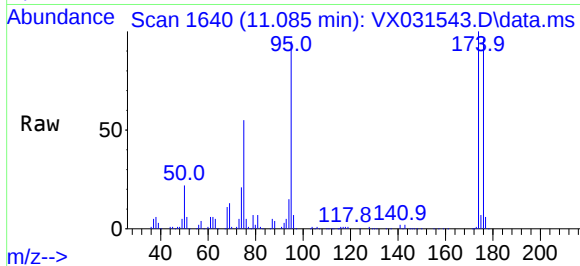
Tgt Ion:152 Resp: 54526
Ion Ratio Lower Upper
152 100
115 56.3 43.4 130.1
150 157.0 0.0 346.8



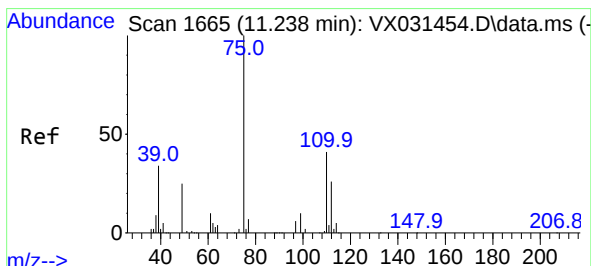
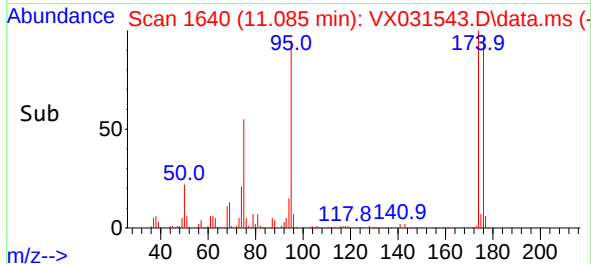
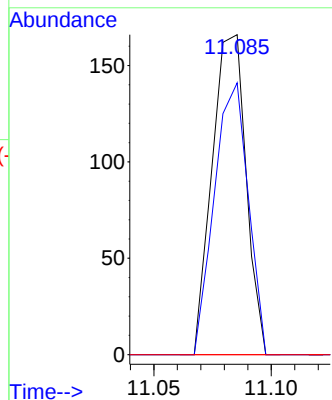


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Instrument :
MSVOA_X
ClientSampleId :

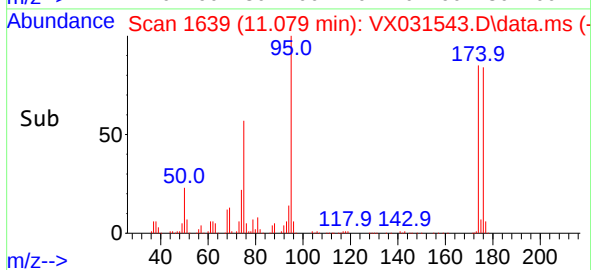
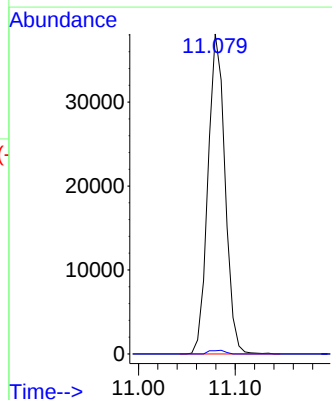
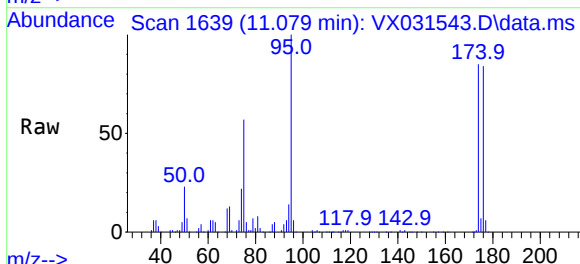


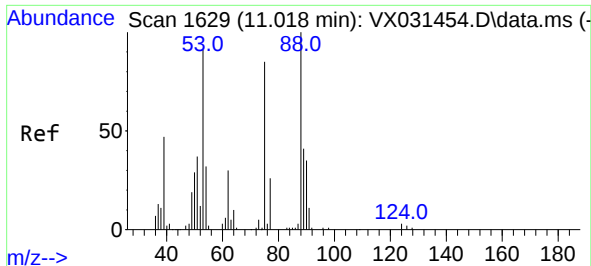
Tgt Ion: 83 Resp: 167
Ion Ratio Lower Upper
83 100
131 84.4 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 38.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

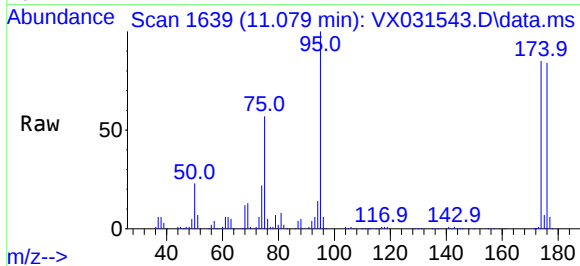
Tgt Ion: 75 Resp: 46843
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



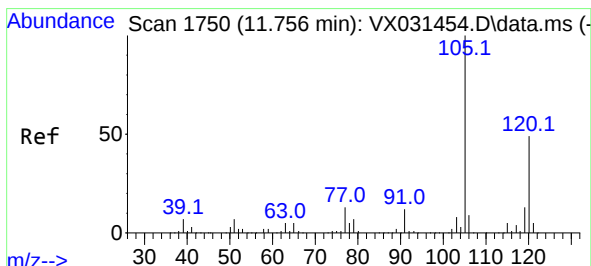
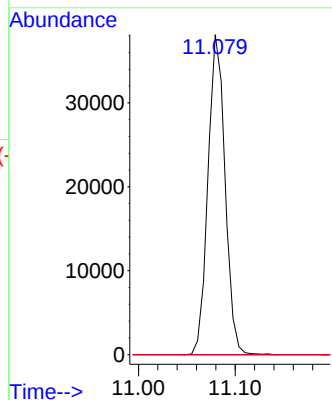
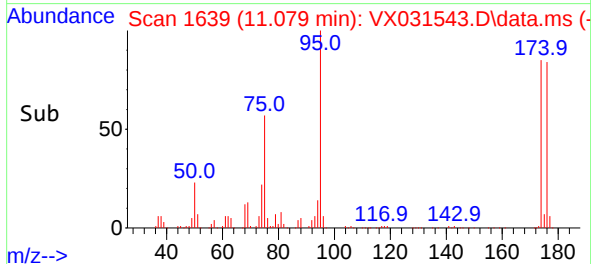


#81
trans-1,4-Dichloro-2-butene
Concen: 123.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

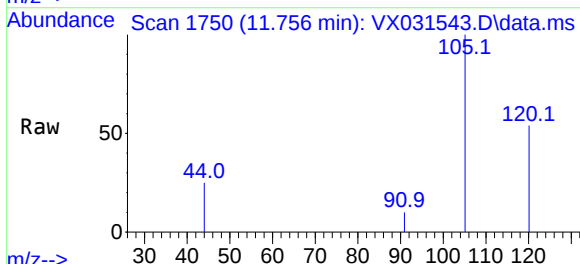
Instrument :
MSVOA_X
ClientSampleId :



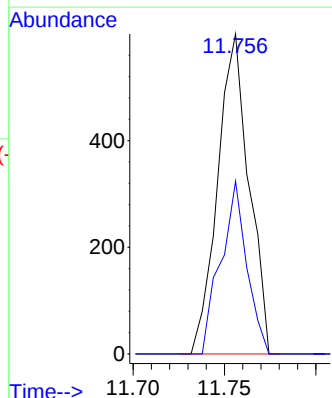
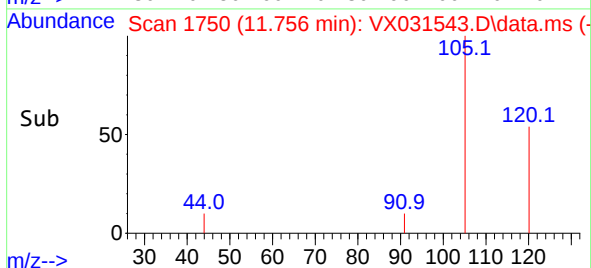
Tgt Ion: 75 Resp: 46843
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

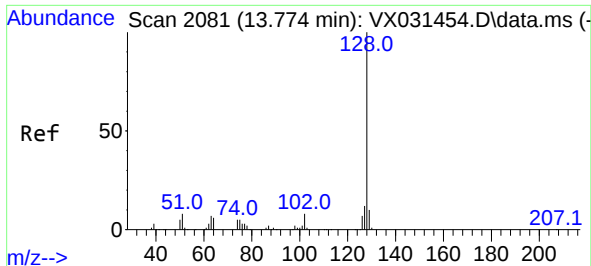


#84
1,2,4-Trimethylbenzene
Concen: 0.210 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34



Tgt Ion: 105 Resp: 714
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

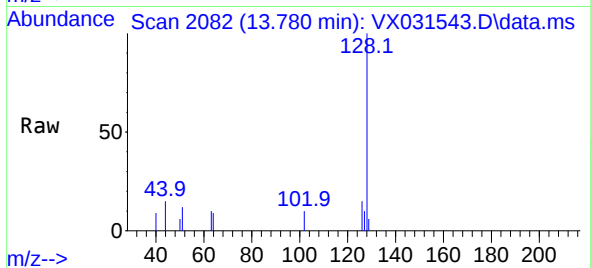
Lab File: VX031543.D

Acq: 22 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1268

Ion Ratio Lower Upper

128 100

127 7.3 10.4 15.6#

129 5.5 8.8 13.2#

