

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031684.D
 Acq On : 27 Sep 2022 05:50
 Operator : JC/MD
 Sample : N4793-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 08:15:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

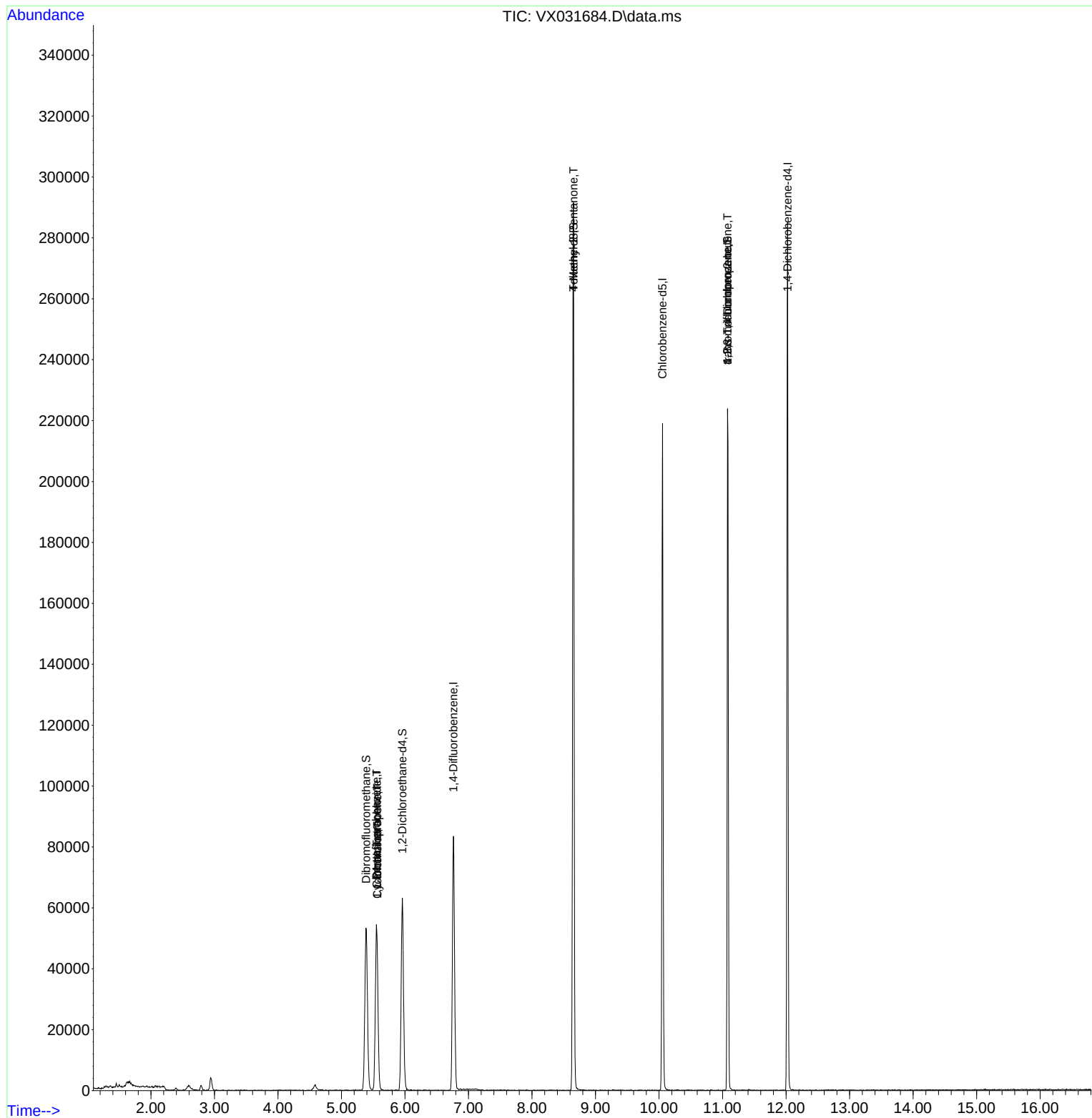
Internal Standards						
1) Pentafluorobenzene	5.550	168	51596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57943	52.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.820%	
35) Dibromofluoromethane	5.385	113	44187	43.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 86.700%	
50) Toluene-d8	8.653	98	170888	46.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.500%	
62) 4-Bromofluorobenzene	11.079	95	53575	39.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 79.120%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	162	Below Cal	#	41
5) Bromomethane	1.617	94	349	Below Cal	#	79
6) Chloroethane	1.691	64	27	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	2287	Below Cal	#	73
16) Acetone	2.386	43	835	Below Cal		98
17) Carbon Disulfide	2.507	76	74	Below Cal	#	75
20) Methylene Chloride	2.788	84	884	Below Cal	#	71
31) Cyclohexane	5.562	56	1287	1.236	ug/l #	66
36) 1,1-Dichloropropene	5.562	75	4078	3.484	ug/l #	41
38) Carbon Tetrachloride	5.556	117	5345	4.052	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	862	0.733	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30592	29.312	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30592	96.686	ug/l #	11

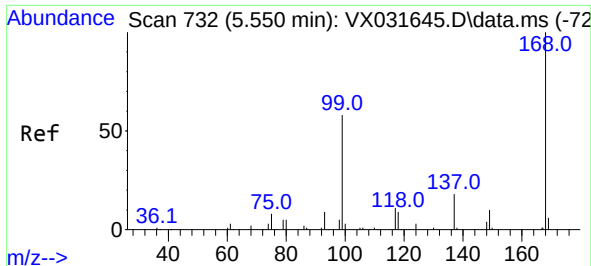
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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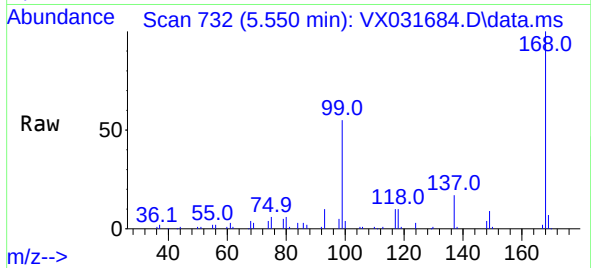
Quant Time: Sep 27 08:15:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



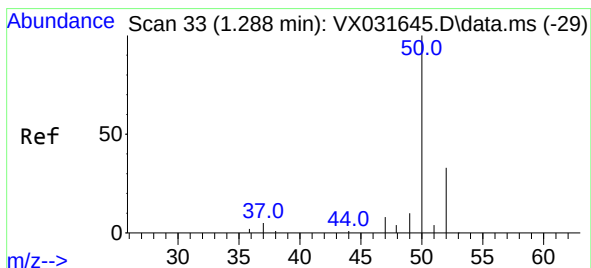
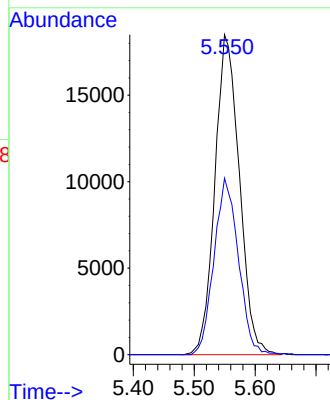


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Instrument :
MSVOA_X
ClientSampleId :

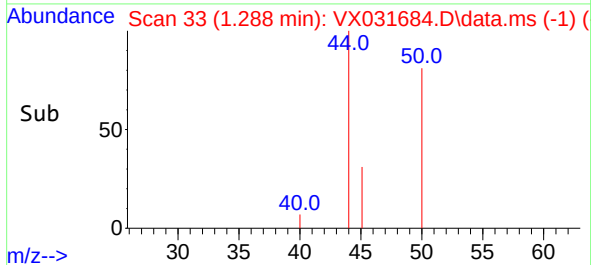
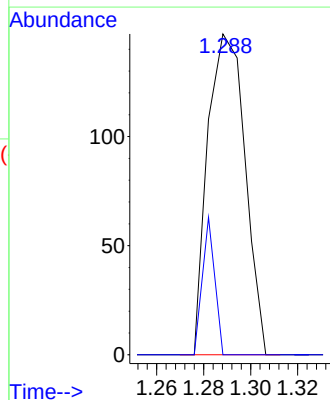
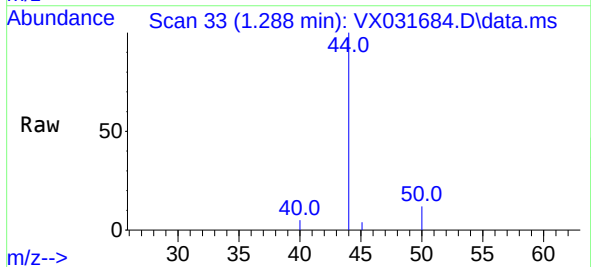


Tgt Ion:168 Resp: 51596
Ion Ratio Lower Upper
168 100
99 55.1 48.8 73.2

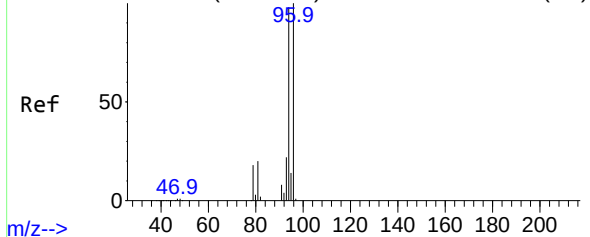


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Tgt Ion: 50 Resp: 162
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031684.D

Acq: 27 Sep 2022 05:50

Instrument :

MSVOA_X

ClientSampleId :

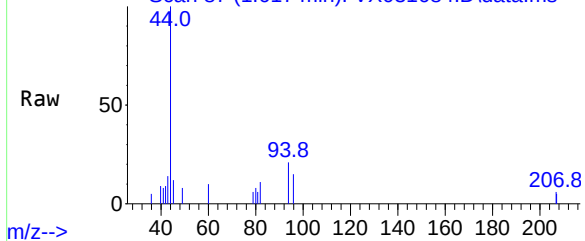
Tgt Ion: 94 Resp: 349

Ion Ratio Lower Upper

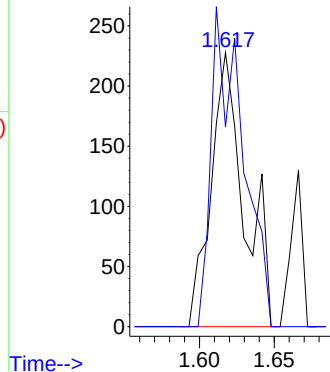
94 100

96 72.8 74.4 111.6#

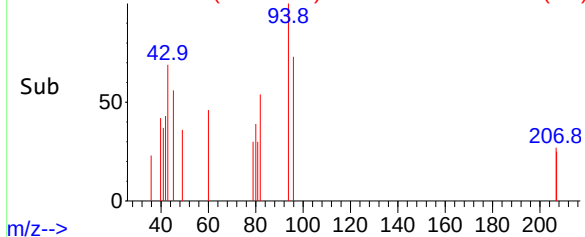
Abundance Scan 87 (1.617 min): VX031684.D\data.ms



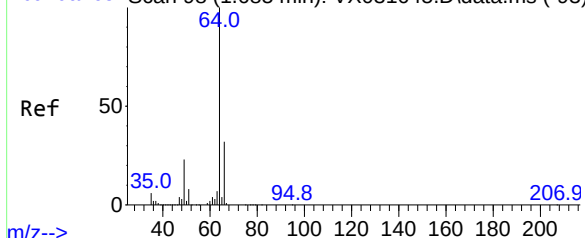
Abundance



Abundance Scan 87 (1.617 min): VX031684.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX031684.D

Acq: 27 Sep 2022 05:50

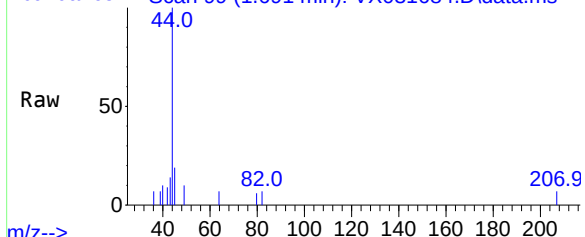
Tgt Ion: 64 Resp: 27

Ion Ratio Lower Upper

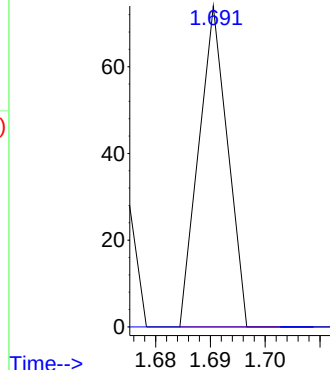
64 100

66 0.0 25.0 37.4#

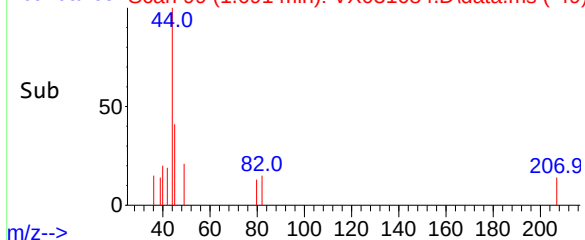
Abundance Scan 99 (1.691 min): VX031684.D\data.ms

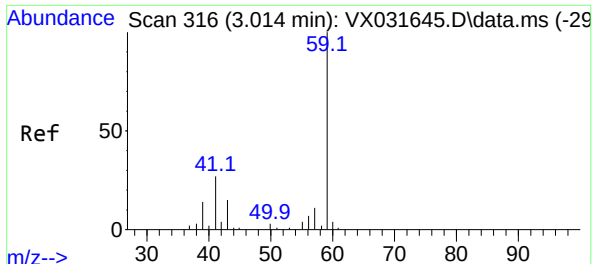


Abundance



Abundance Scan 99 (1.691 min): VX031684.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX031684.D

Acq: 27 Sep 2022 05:50

Instrument :

MSVOA_X

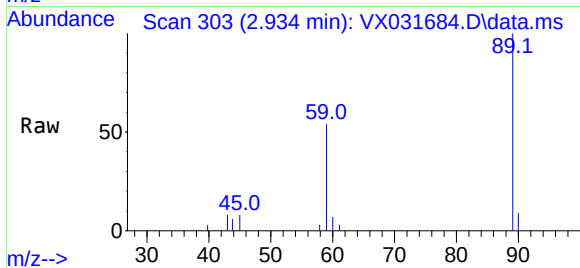
ClientSampleId :

Tgt Ion: 59 Resp: 2287

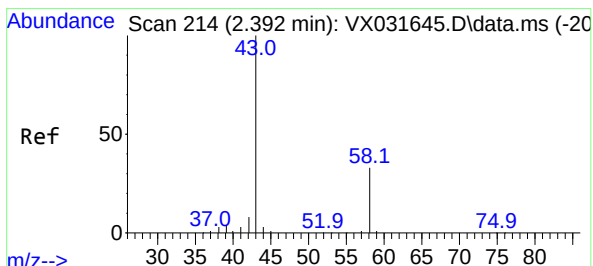
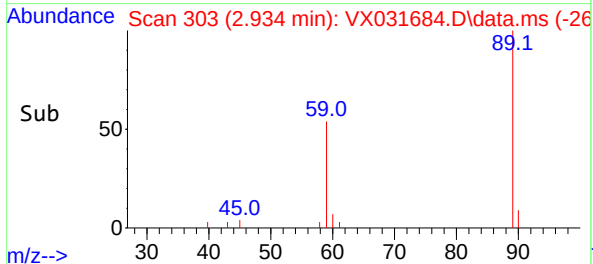
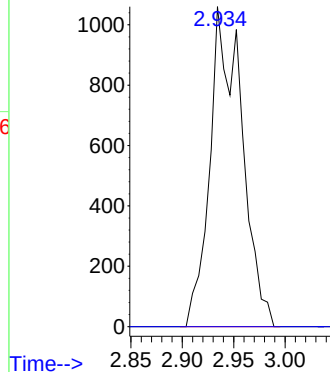
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031684.D

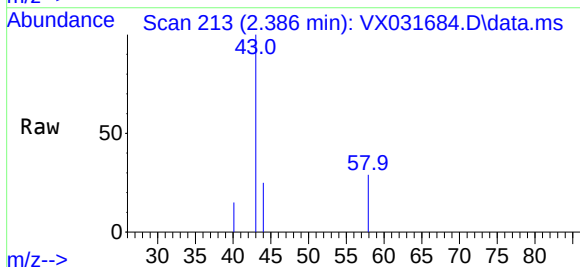
Acq: 27 Sep 2022 05:50

Tgt Ion: 43 Resp: 835

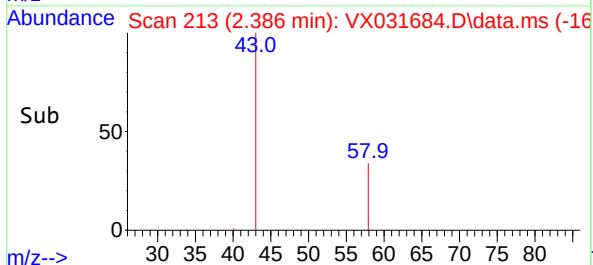
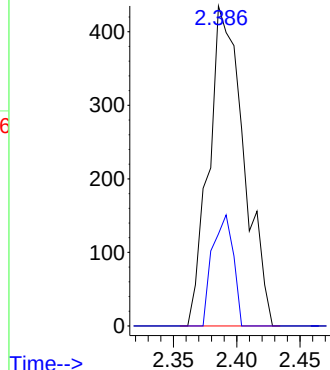
Ion Ratio Lower Upper

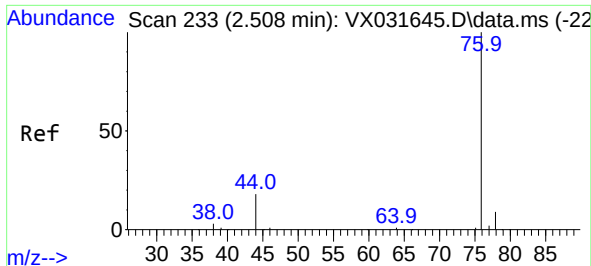
43 100

58 28.7 23.8 35.8



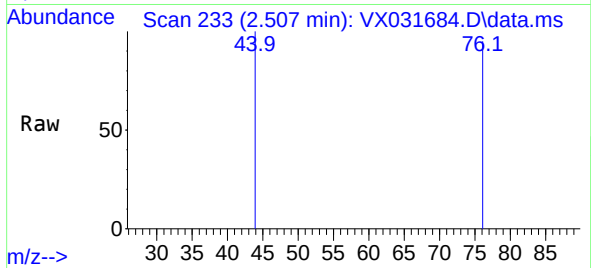
Abundance



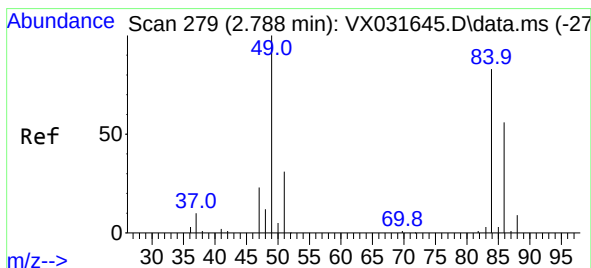
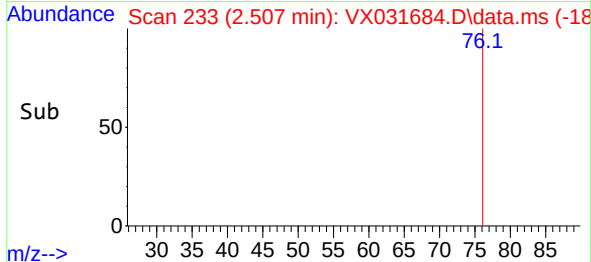
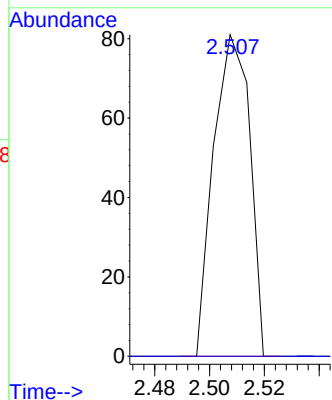


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Instrument :
MSVOA_X
ClientSampleId :

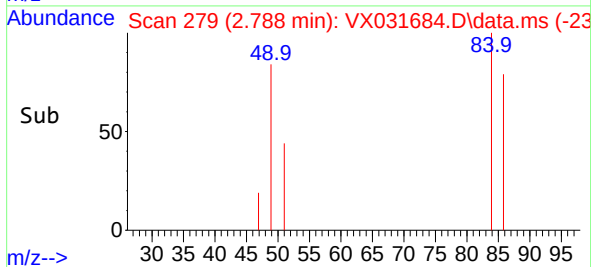
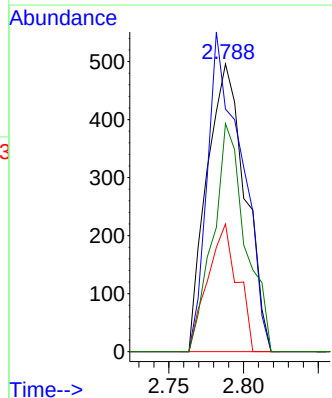
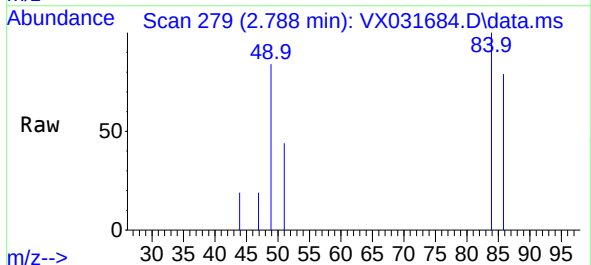


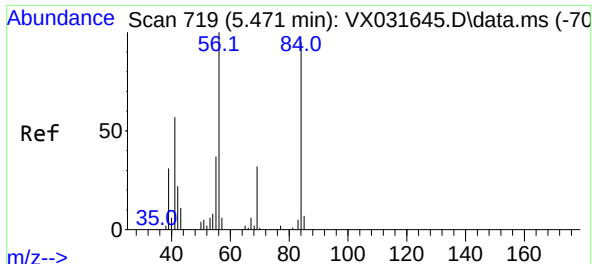
Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

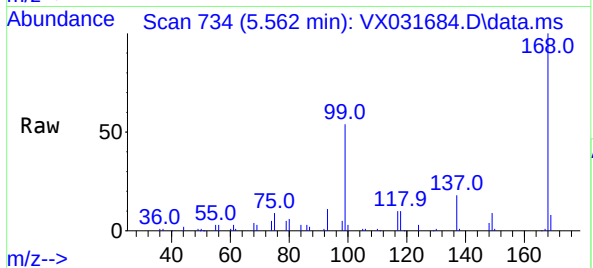
Tgt Ion: 84 Resp: 884
Ion Ratio Lower Upper
84 100
49 84.3 105.9 158.9#
51 44.4 32.2 48.2
86 79.2 50.8 76.2#



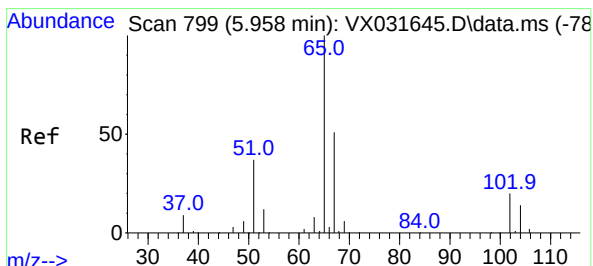
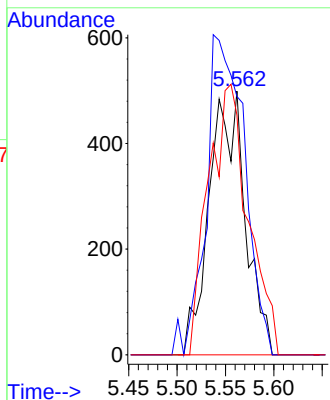
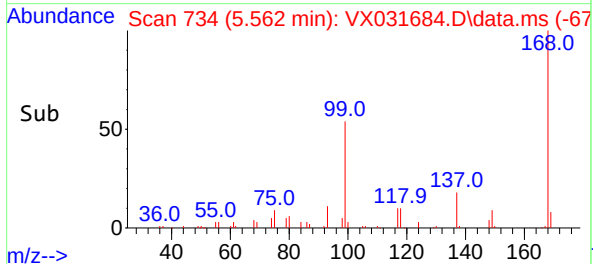


#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Instrument :
MSVOA_X
ClientSampleId :

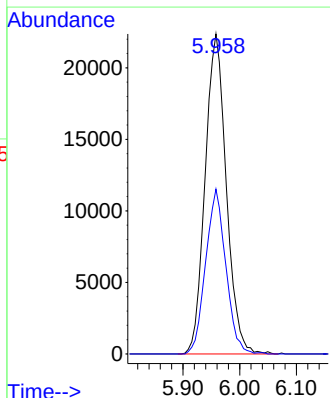
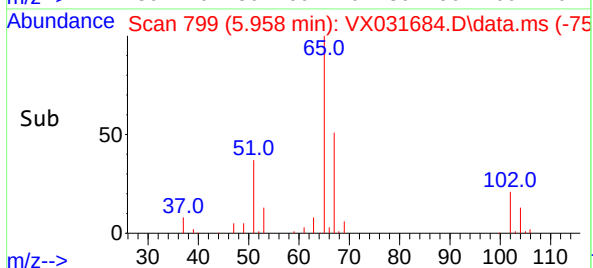
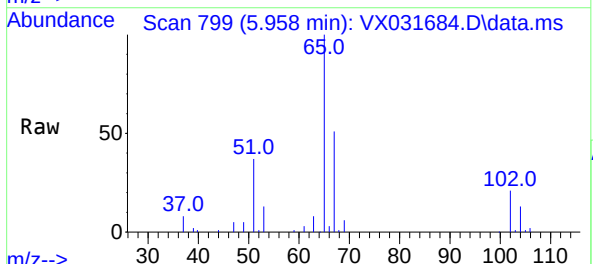


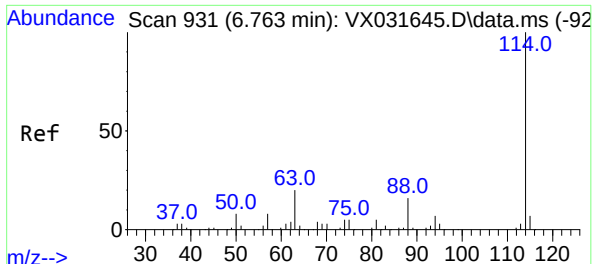
Tgt Ion: 56 Resp: 1287
Ion Ratio Lower Upper
56 100
69 98.0 25.1 37.7#
84 91.0 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 52.912 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Tgt Ion: 65 Resp: 57943
Ion Ratio Lower Upper
65 100
67 49.2 0.0 102.4

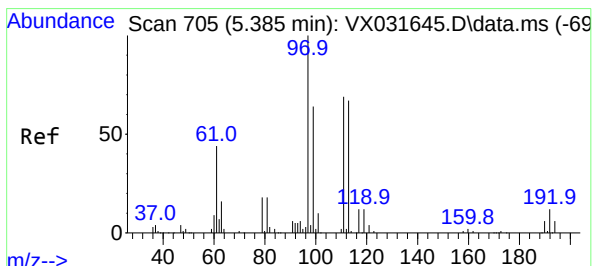
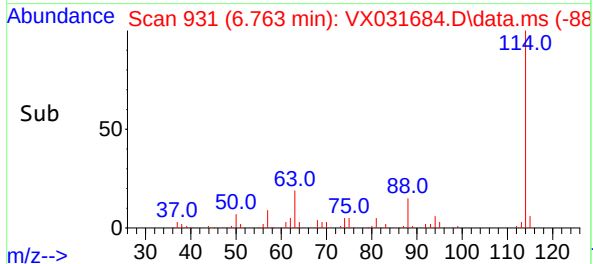
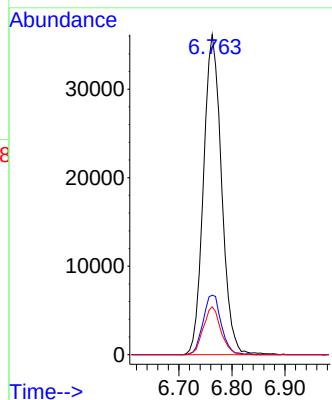
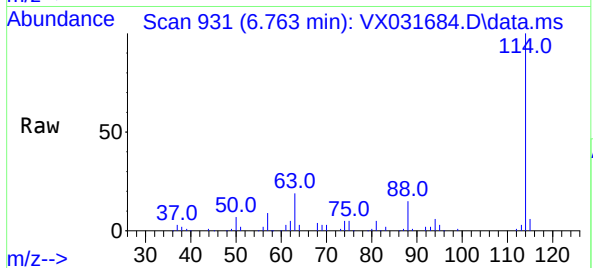




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

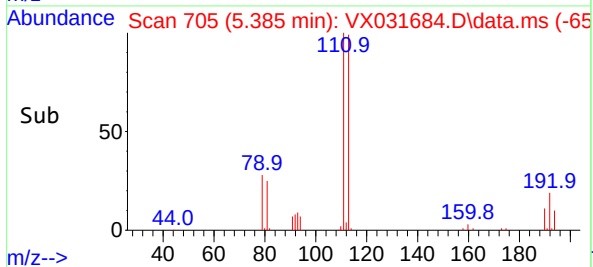
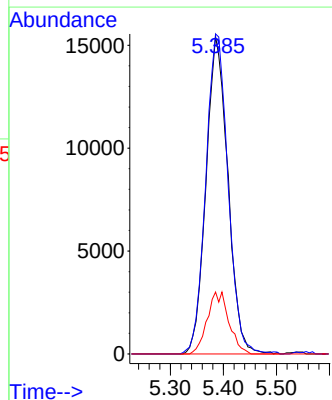
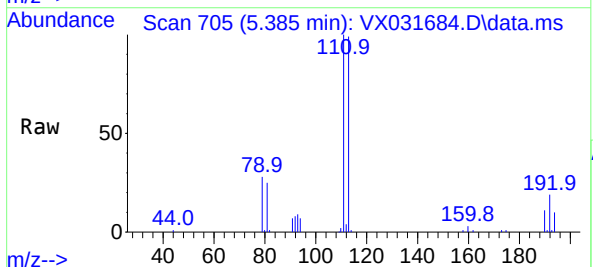
Instrument :
MSVOA_X
ClientSampleId :

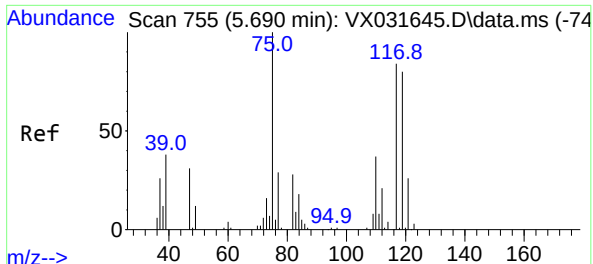
Tgt Ion:114 Resp: 85540
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 43.353 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

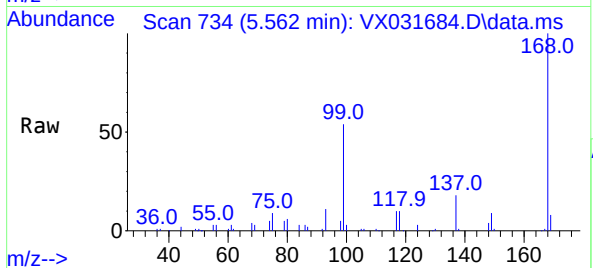
Tgt Ion:113 Resp: 44187
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.3 14.1 21.1



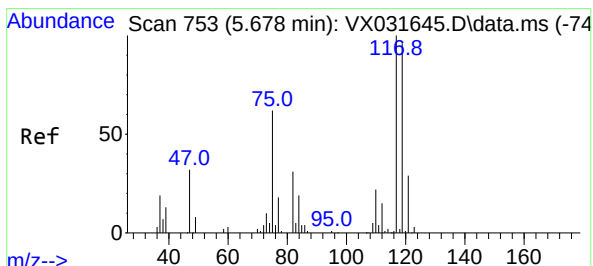
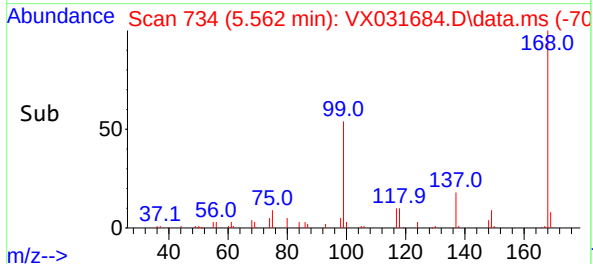
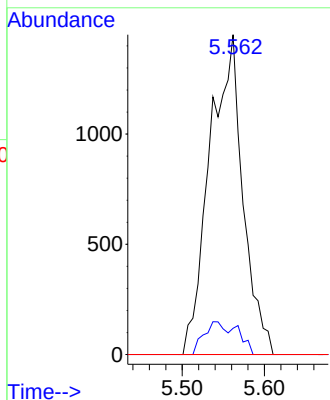


#36
1,1-Dichloropropene
Concen: 3.484 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Instrument :
MSVOA_X
ClientSampleId :

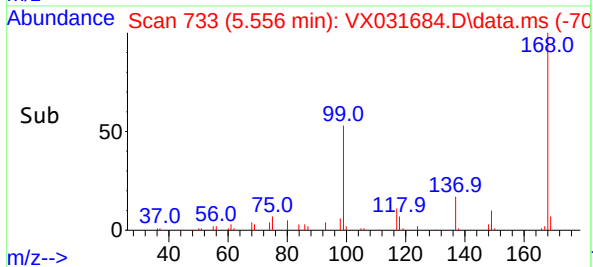
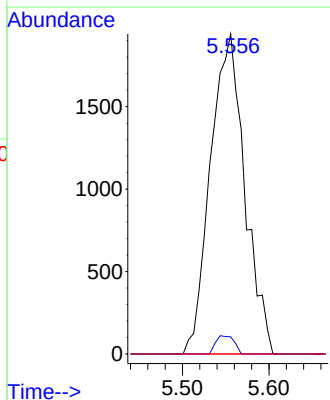
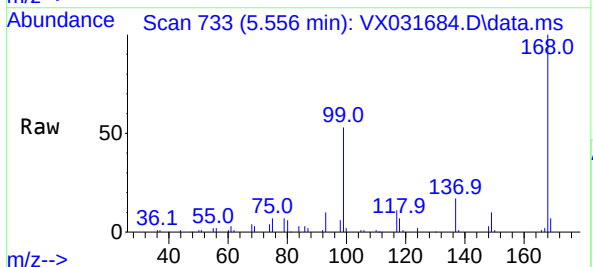


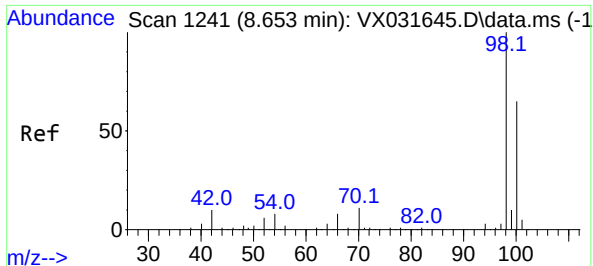
Tgt Ion: 75 Resp: 4078
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.052 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Tgt Ion: 117 Resp: 5345
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#

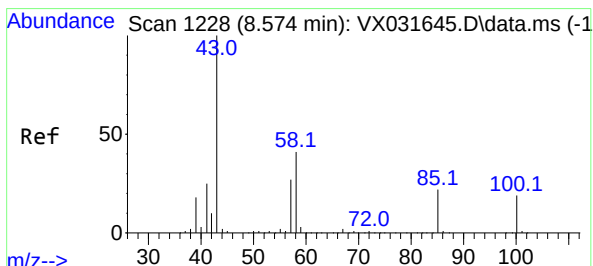
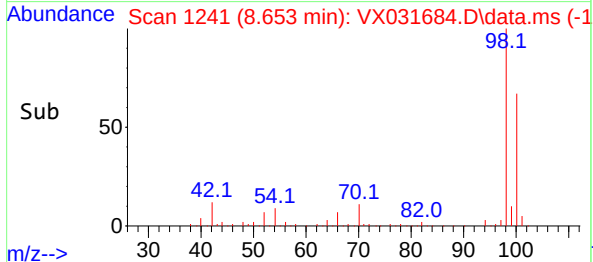
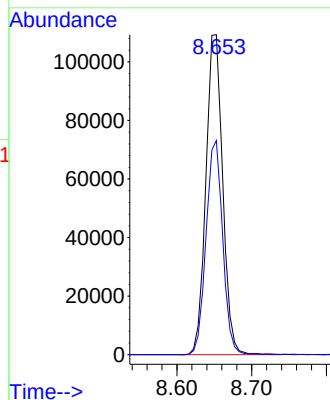
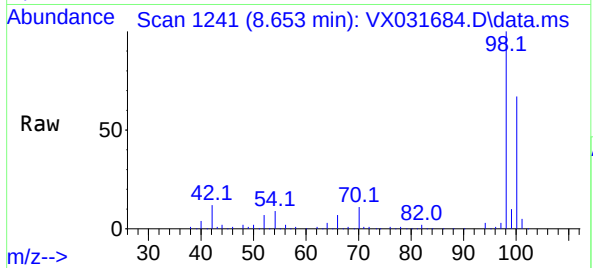




#50
Toluene-d8
Concen: 46.247 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

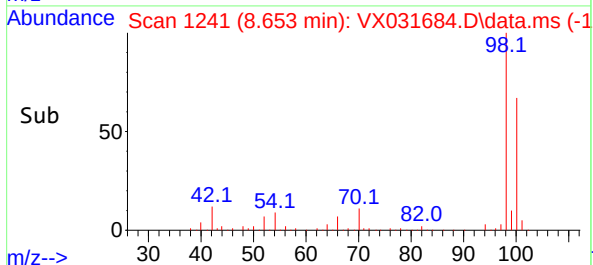
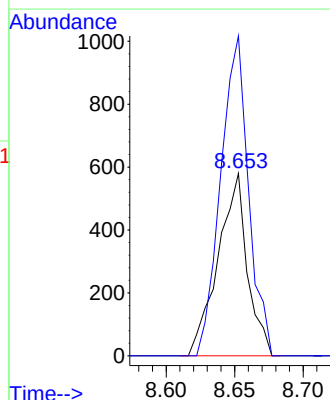
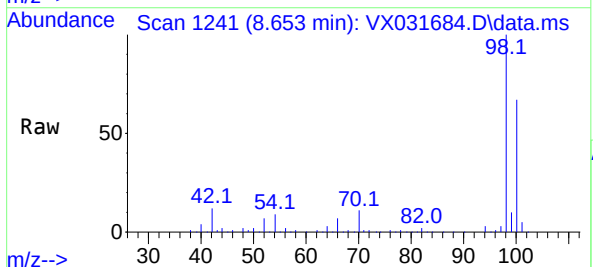
Instrument :
MSVOA_X
ClientSampleId :

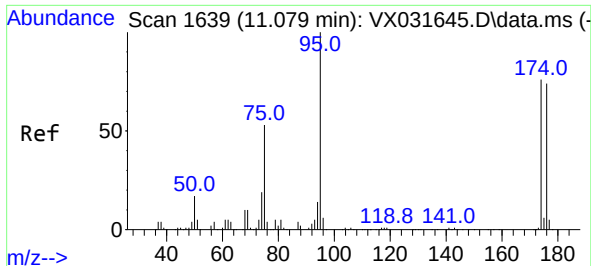
Tgt Ion: 98 Resp: 170888
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 166.8 30.6 46.0#

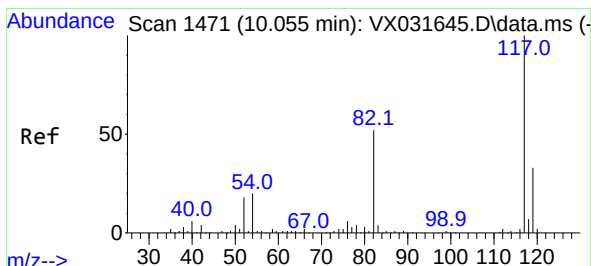
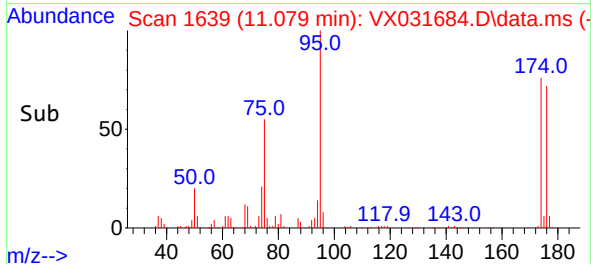
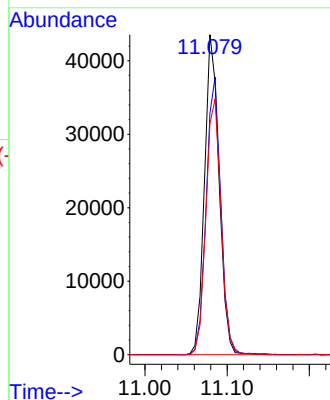
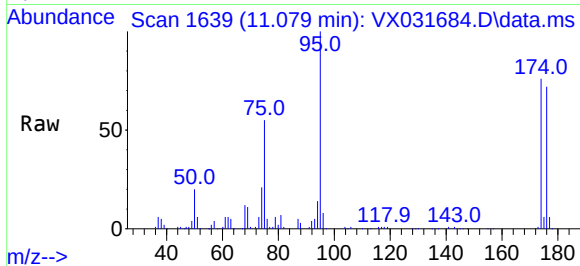




#62
4-Bromofluorobenzene
Concen: 39.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

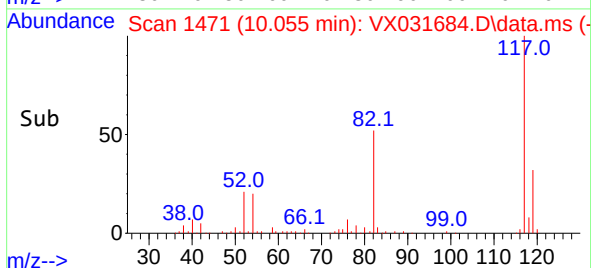
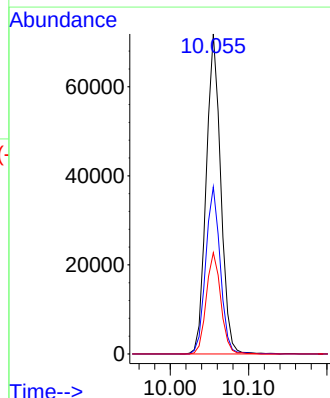
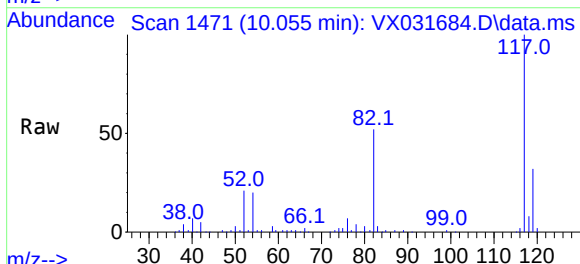
Instrument :
MSVOA_X
ClientSampleId :

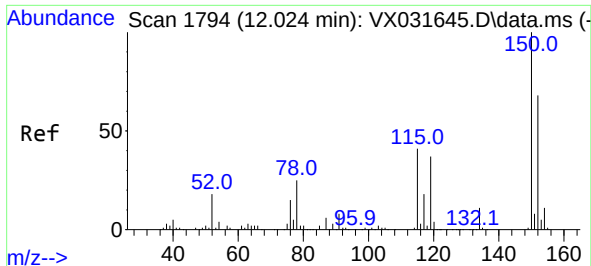
Tgt Ion: 95 Resp: 53575
Ion Ratio Lower Upper
95 100
174 87.7 0.0 153.2
176 83.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

Tgt Ion: 117 Resp: 92387
Ion Ratio Lower Upper
117 100
82 52.2 46.8 70.2
119 31.7 26.4 39.6

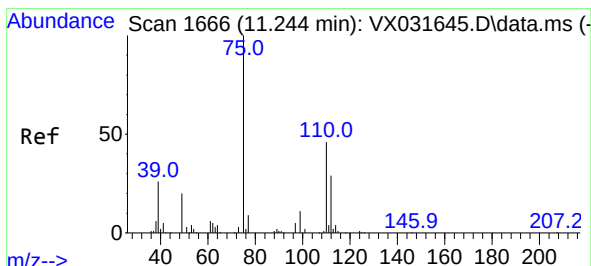
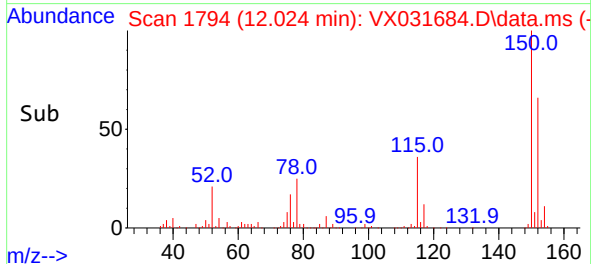
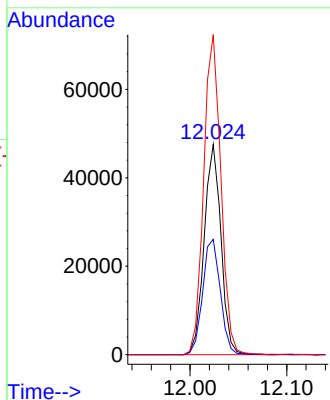
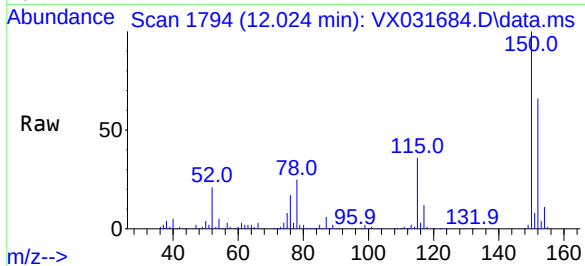




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

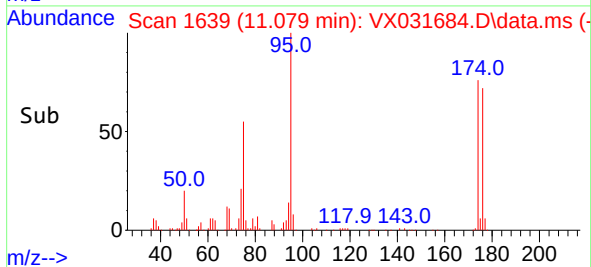
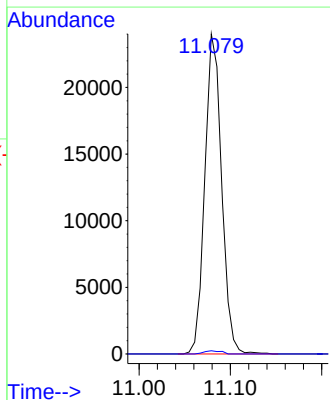
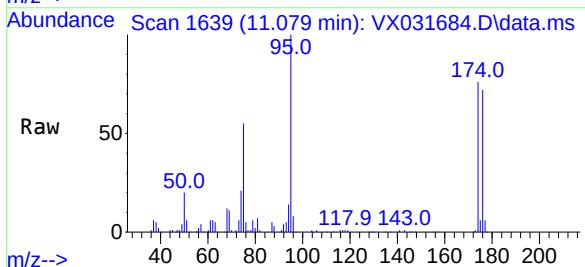
Instrument :
MSVOA_X
ClientSampleId :

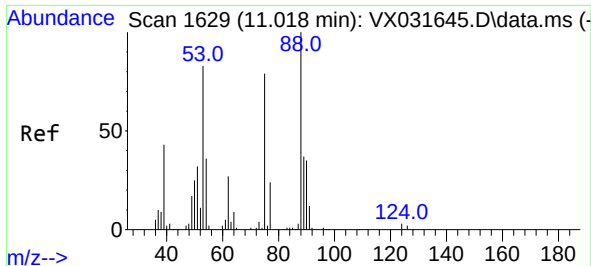
Tgt Ion:152 Resp: 57569
Ion Ratio Lower Upper
152 100
115 57.7 43.4 130.1
150 156.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031684.D
Acq: 27 Sep 2022 05:50

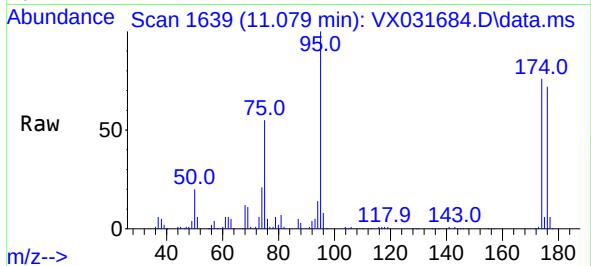
Tgt Ion: 75 Resp: 30592
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.686 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031684.D
 Acq: 27 Sep 2022 05:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30592
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

