

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031669.D
 Acq On : 27 Sep 2022 00:02
 Operator : JC/MD
 Sample : N4791-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:57:37 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)

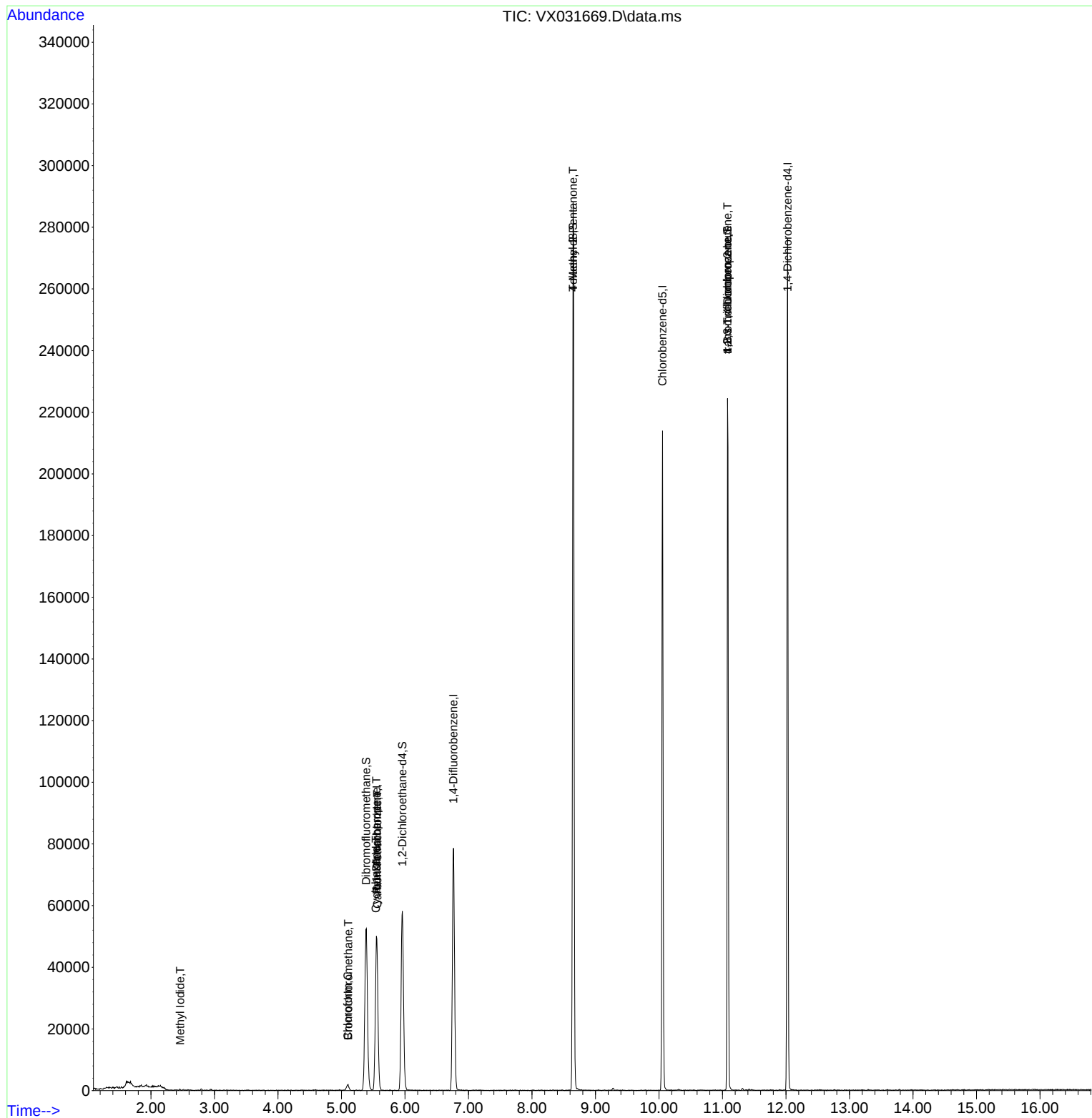
Internal Standards						
1) Pentafluorobenzene	5.556	168	47783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	81161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54668	53.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	5.385	113	43145	44.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.240%			
50) Toluene-d8	8.647	98	171090	48.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.600%			
62) 4-Bromofluorobenzene	11.079	95	50989	39.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 79.360%#			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	46	Below Cal	#	41
5) Bromomethane	1.618	94	458	Below Cal		83
6) Chloroethane	1.673	64	249	Below Cal	#	43
7) Trichlorofluoromethane	1.892	101	61	Below Cal	#	18
10) Methyl Iodide	2.459	142	228	0.366 ug/l	#	81
11) Tert butyl alcohol	2.947	59	142	Below Cal	#	73
16) Acetone	2.392	43	248	Below Cal	#	45
17) Carbon Disulfide	2.508	76	222	Below Cal	#	75
20) Methylene Chloride	2.794	84	185	Below Cal		89
28) Bromochloromethane	5.105	49	152	0.262 ug/l	#	15
30) Chloroform	5.099	83	2091	1.371 ug/l	#	77
31) Cyclohexane	5.544	56	1085	1.125 ug/l	#	29
36) 1,1-Dichloropropene	5.550	75	3638	3.276 ug/l	#	51
38) Carbon Tetrachloride	5.562	117	5031	4.020 ug/l	#	19
51) 4-Methyl-2-Pentanone	8.647	43	742	0.665 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	29233	29.994 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29233	98.864 ug/l	#	11

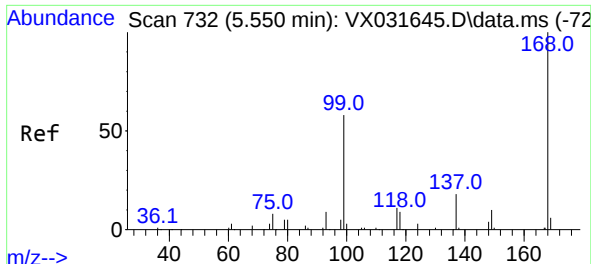
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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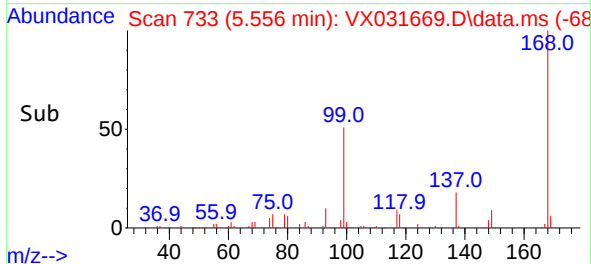
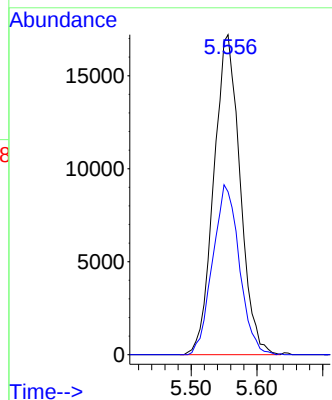
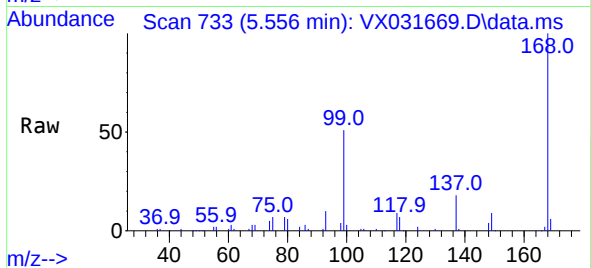




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

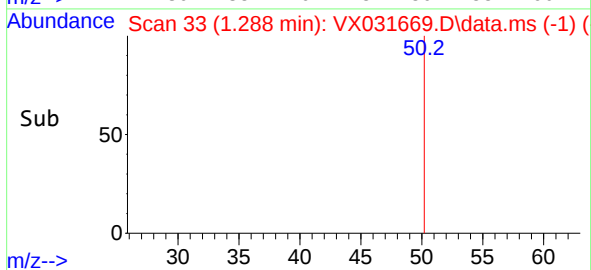
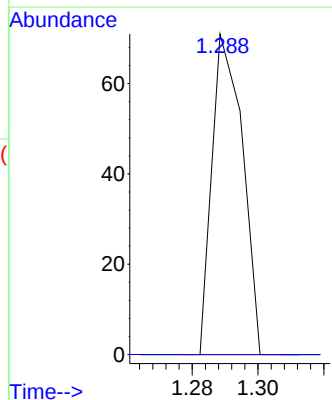
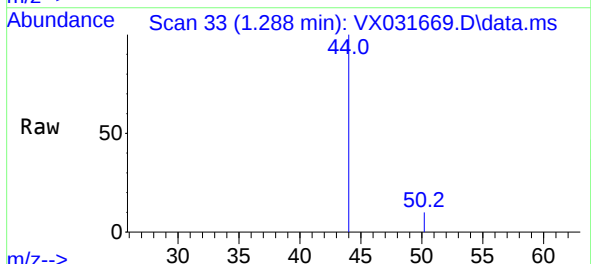
Instrument :
MSVOA_X
ClientSampleId :

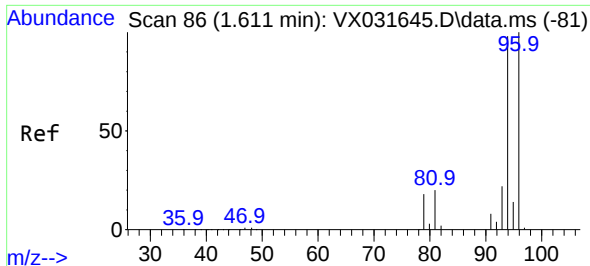
Tgt Ion:168 Resp: 47783
Ion Ratio Lower Upper
168 100
99 50.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

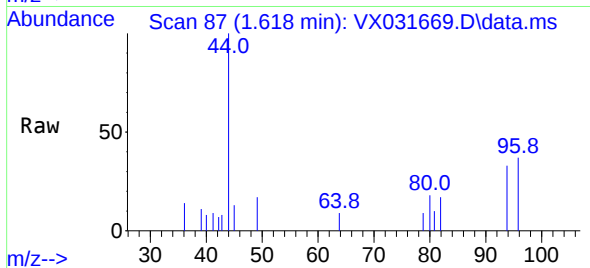
Tgt Ion: 50 Resp: 46
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



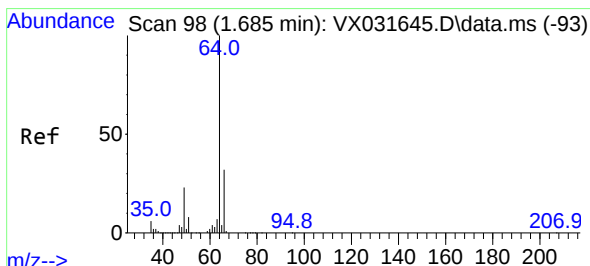
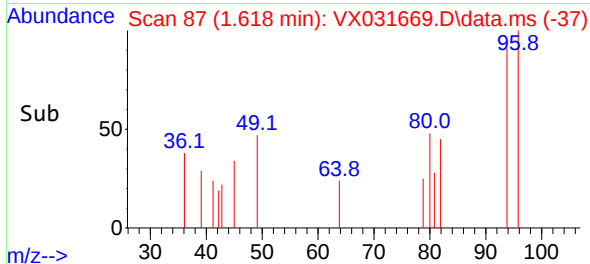
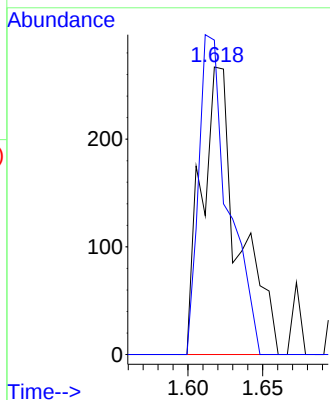


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Instrument :
MSVOA_X
ClientSampleId :

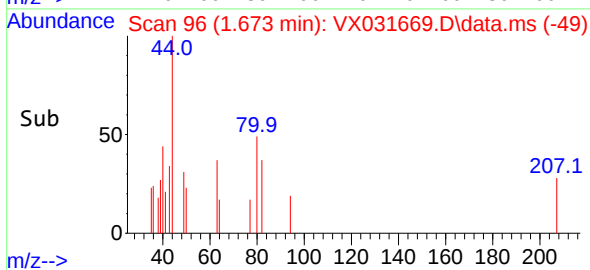
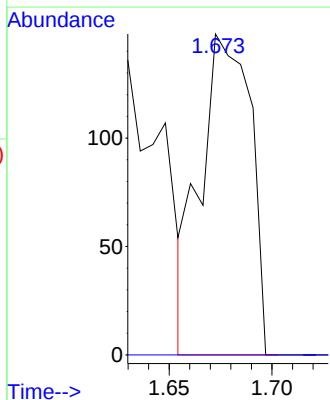
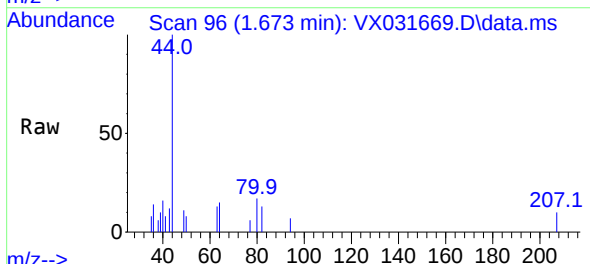


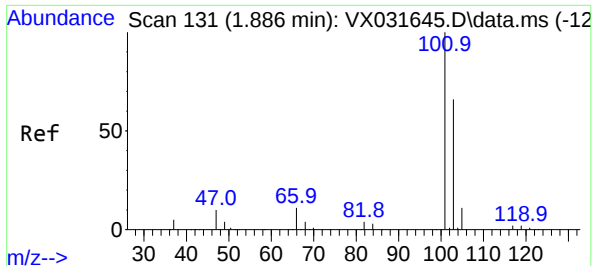
Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 109.4 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

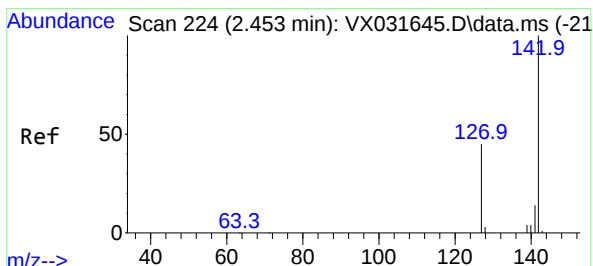
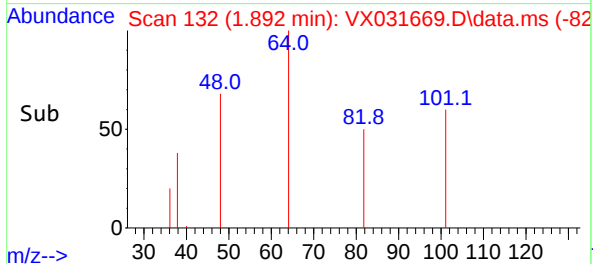
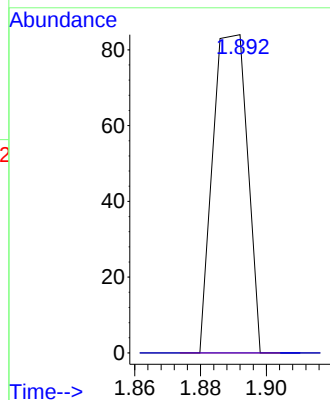
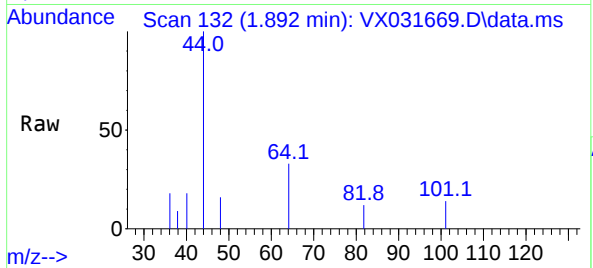




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

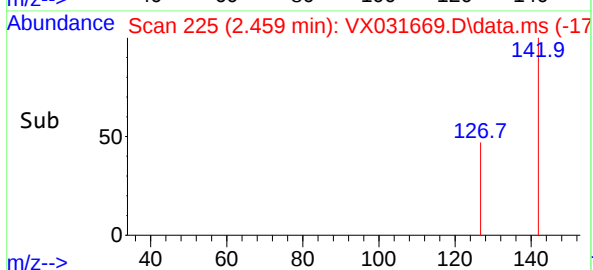
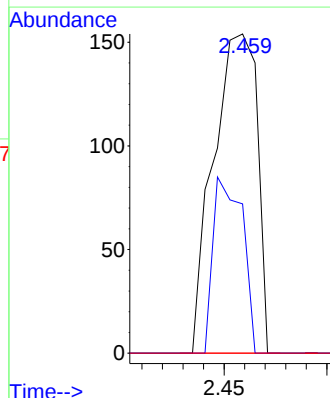
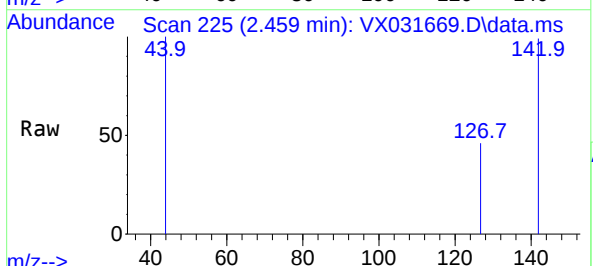
Instrument :
MSVOA_X
ClientSampleId :

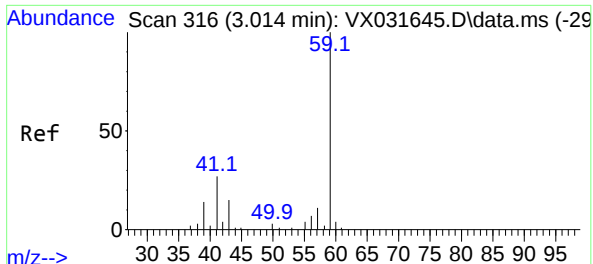
Tgt Ion:101 Resp: 61
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#10
Methyl Iodide
Concen: 0.366 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 37.3 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX031669.D

Acq: 27 Sep 2022 00:02

Instrument :

MSVOA_X

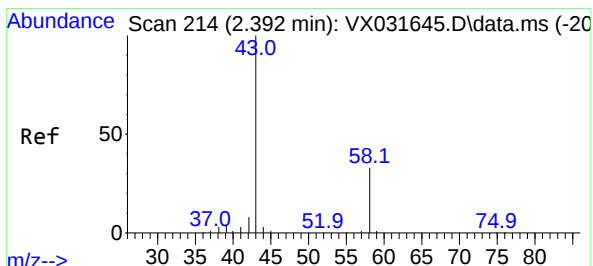
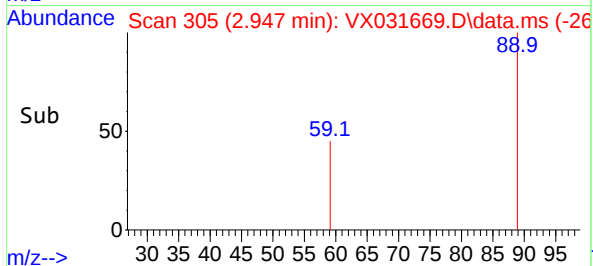
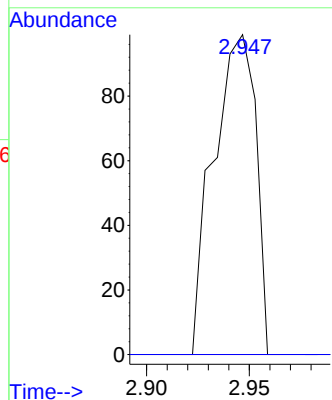
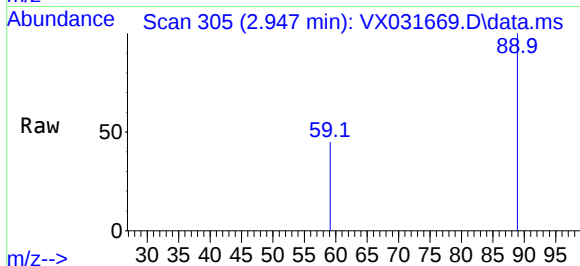
ClientSampleId :

Tgt Ion: 59 Resp: 142

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: VX031669.D

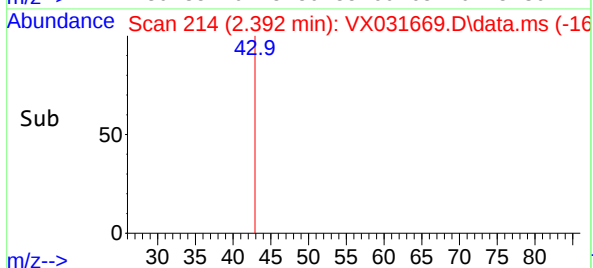
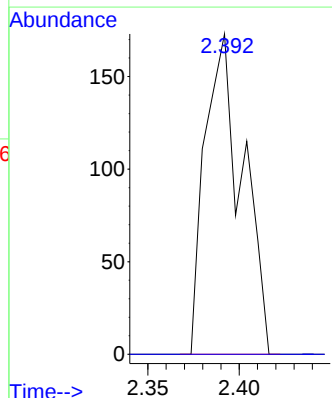
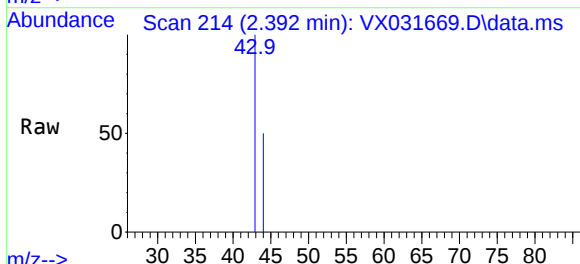
Acq: 27 Sep 2022 00:02

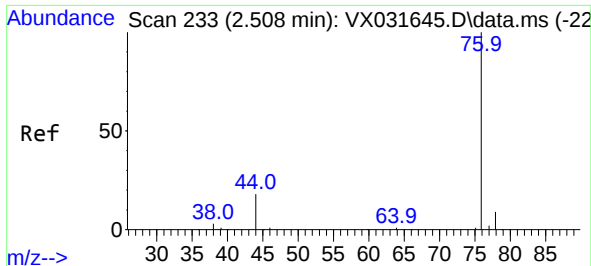
Tgt Ion: 43 Resp: 248

Ion Ratio Lower Upper

43 100

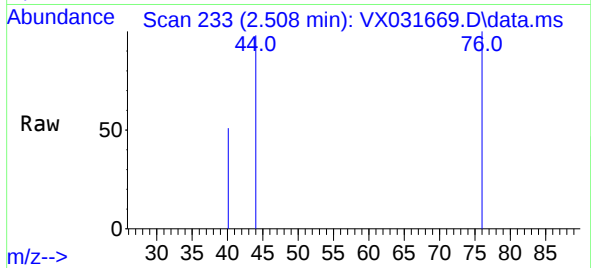
58 0.0 23.8 35.8#



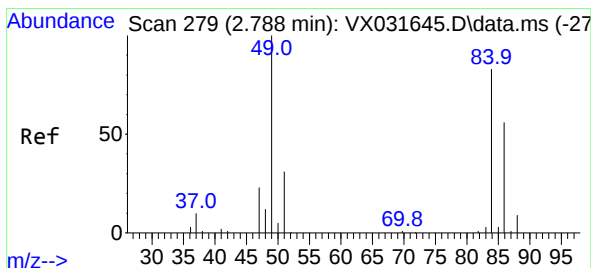
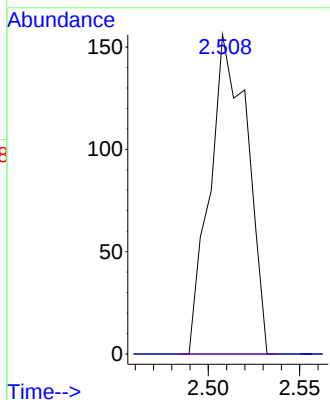


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

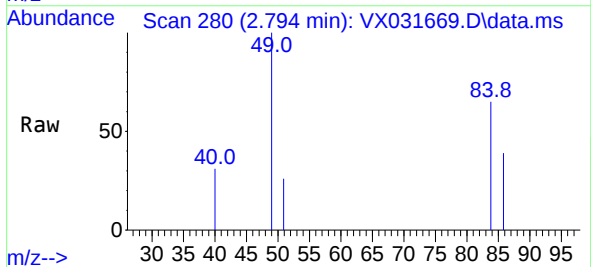
Instrument :
MSVOA_X
ClientSampleId :



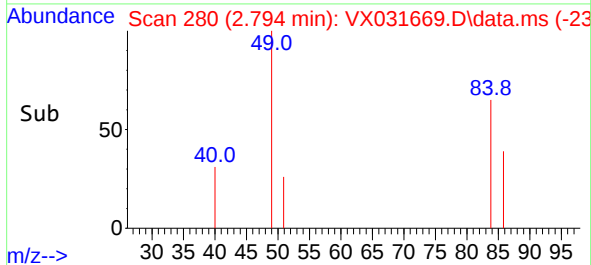
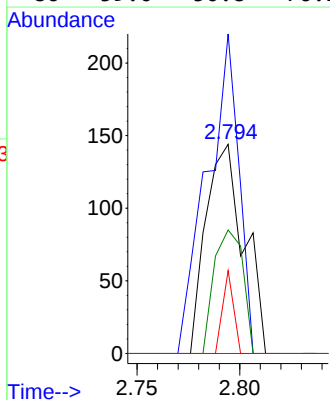
Tgt Ion: 76 Resp: 222
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

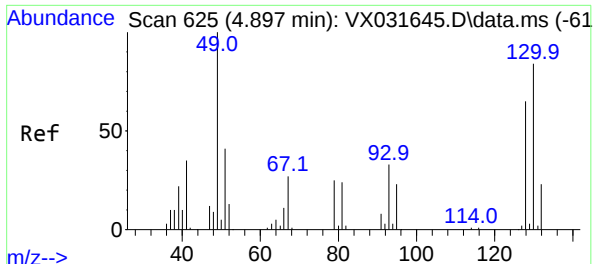


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02



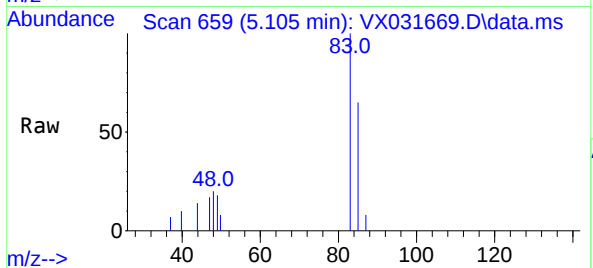
Tgt Ion: 84 Resp: 185
Ion Ratio Lower Upper
84 100
49 152.8 105.9 158.9
51 39.6 32.2 48.2
86 59.0 50.8 76.2



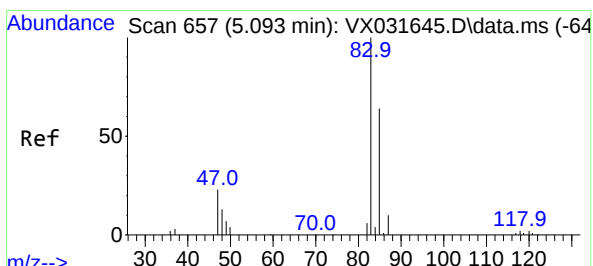
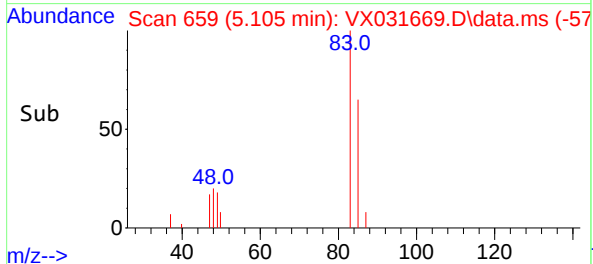
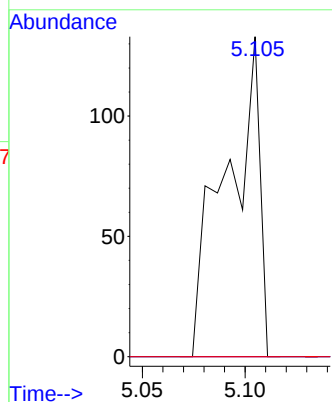


#28
Bromochloromethane
Concen: 0.262 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Instrument :
MSVOA_X
ClientSampleId :

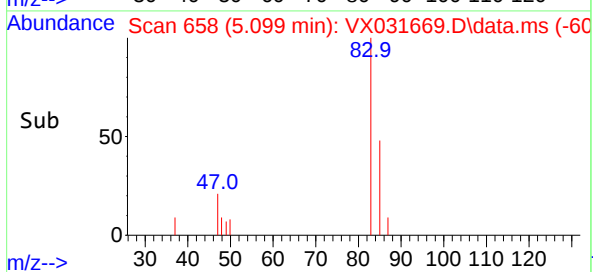
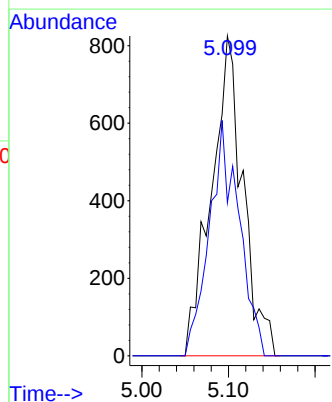
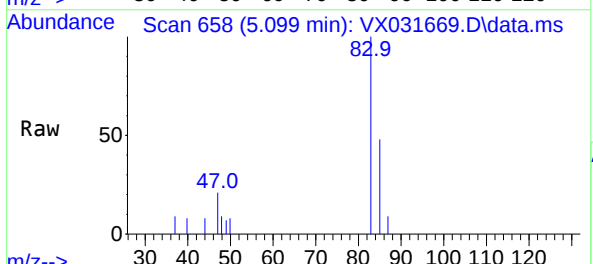


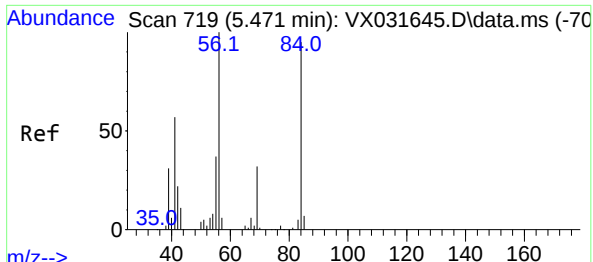
Tgt Ion: 49 Resp: 152
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 1.371 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

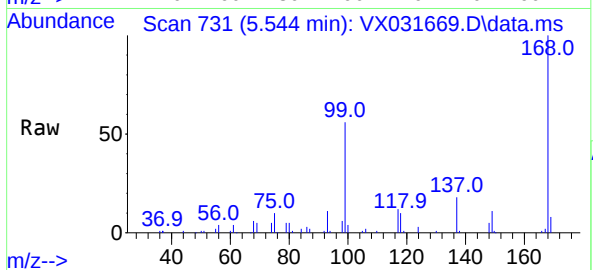
Tgt Ion: 83 Resp: 2091
Ion Ratio Lower Upper
83 100
85 47.9 52.8 79.2#



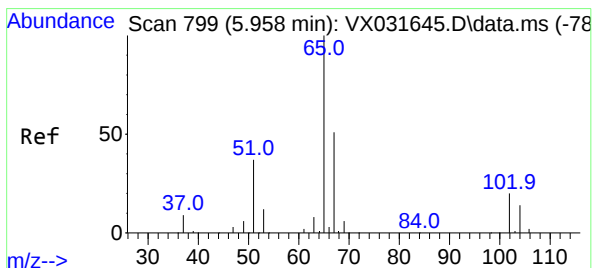
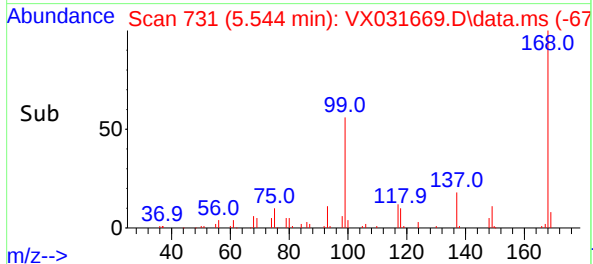
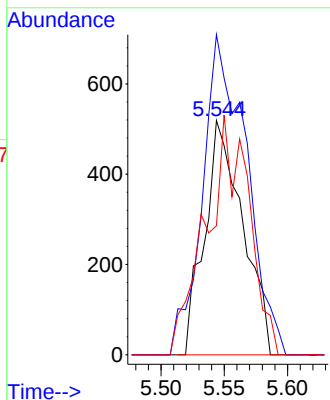


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Instrument :
MSVOA_X
ClientSampleId :

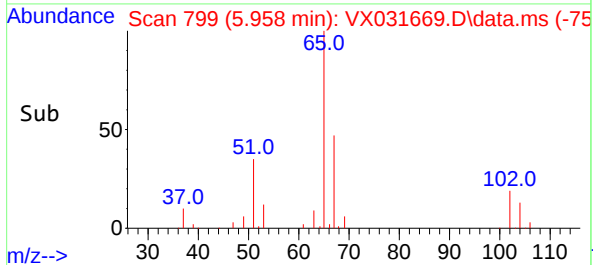
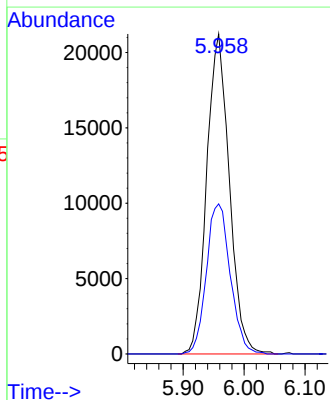
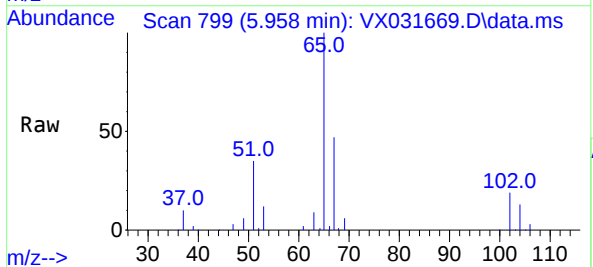


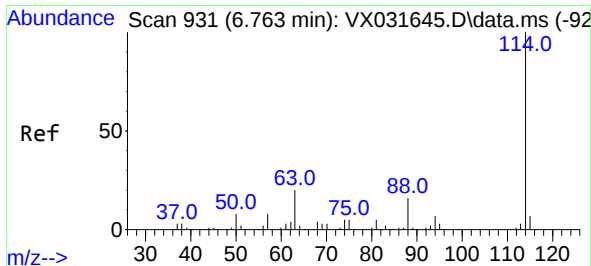
Tgt Ion: 56 Resp: 1085
Ion Ratio Lower Upper
56 100
69 125.8 25.1 37.7#
84 55.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.905 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Tgt Ion: 65 Resp: 54668
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4

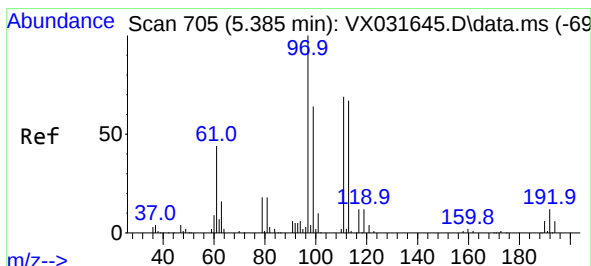
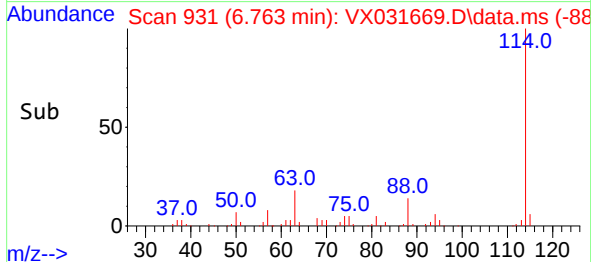
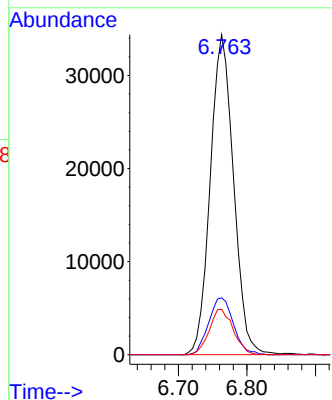
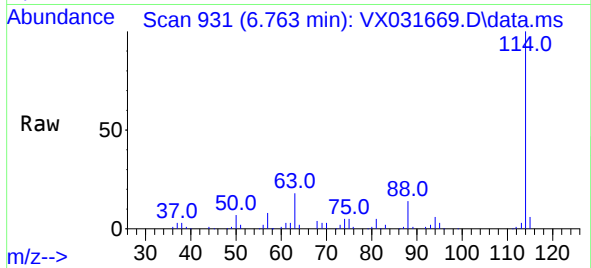




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

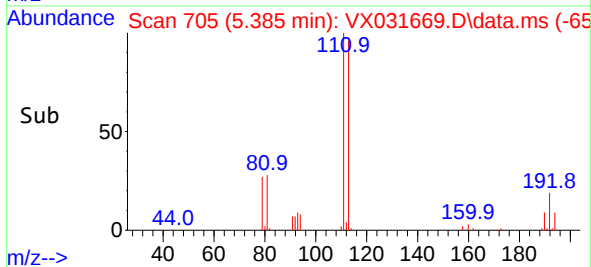
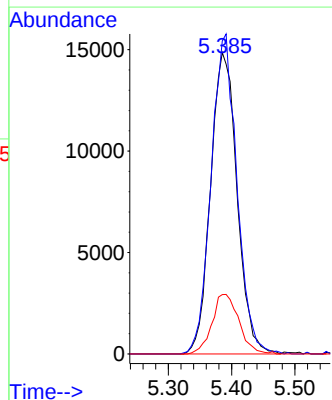
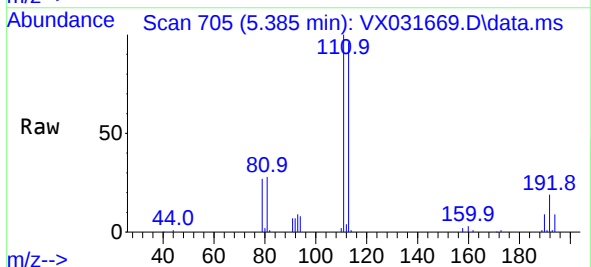
Instrument :
MSVOA_X
ClientSampleId :

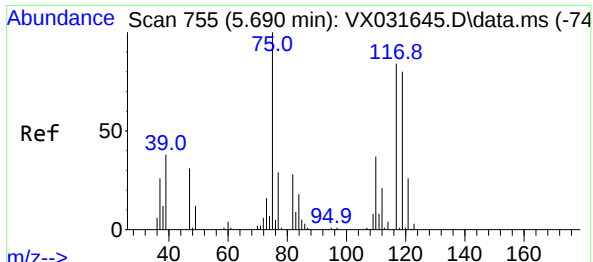
Tgt Ion:114 Resp: 81161
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.6
88 14.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 44.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Tgt Ion:113 Resp: 43145
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 20.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.276 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

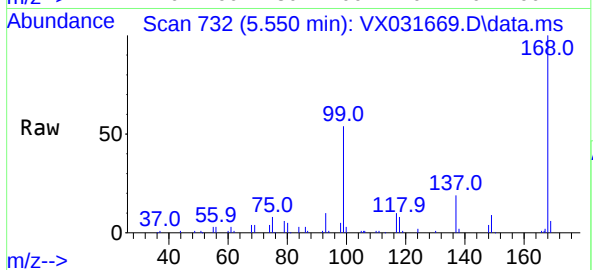
Lab File: VX031669.D

Acq: 27 Sep 2022 00:02

Instrument :

MSVOA_X

ClientSampleId :



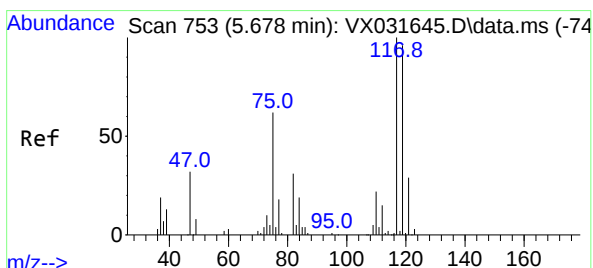
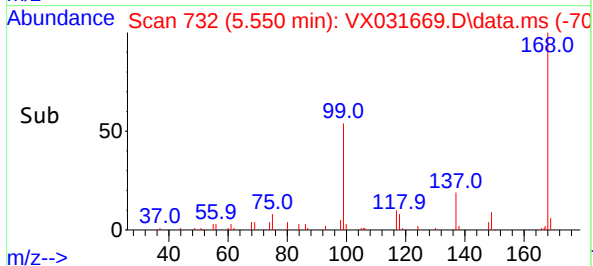
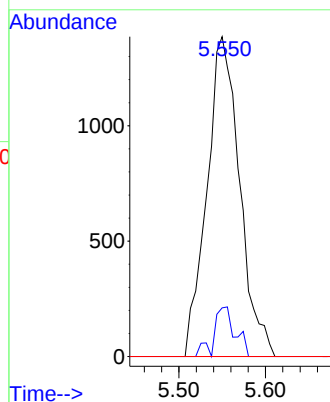
Tgt Ion: 75 Resp: 3638

Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.020 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX031669.D

Acq: 27 Sep 2022 00:02

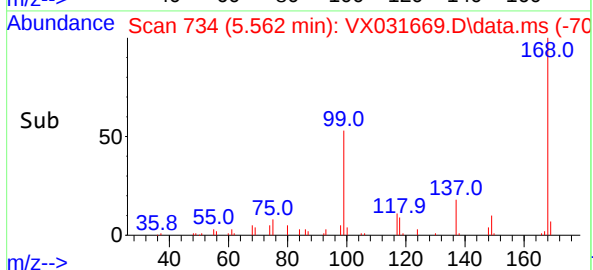
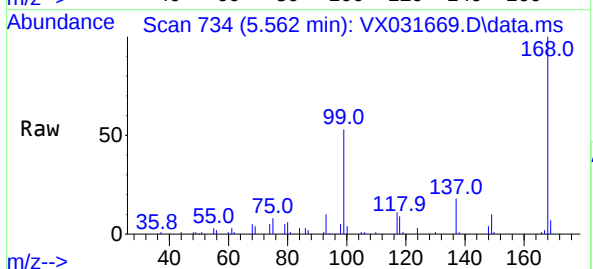
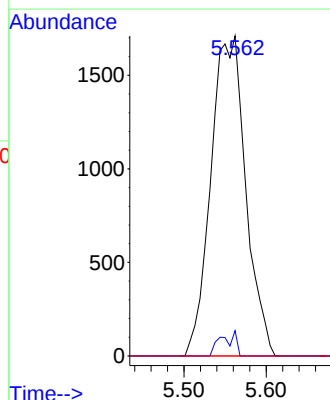
Tgt Ion: 117 Resp: 5031

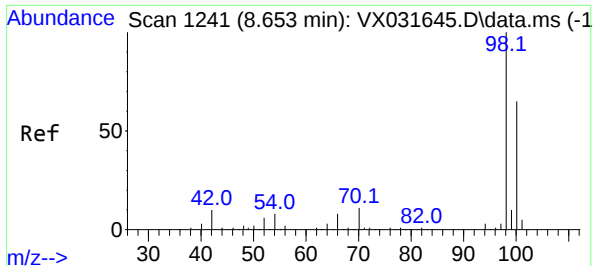
Ion Ratio Lower Upper

117 100

119 7.9 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.800 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031669.D

Acq: 27 Sep 2022 00:02

Instrument :

MSVOA_X

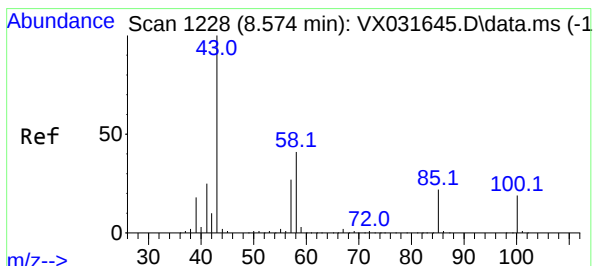
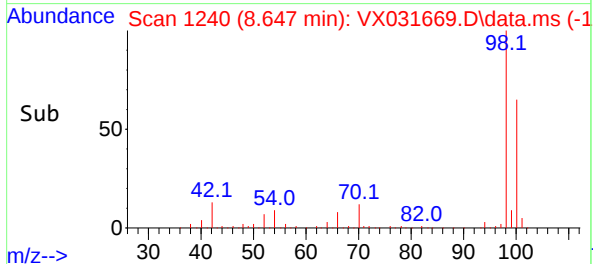
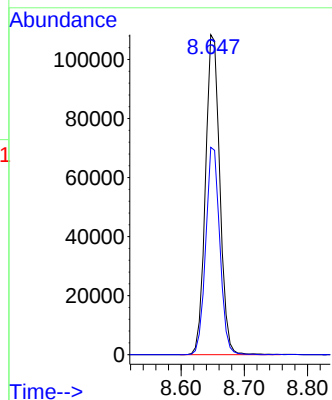
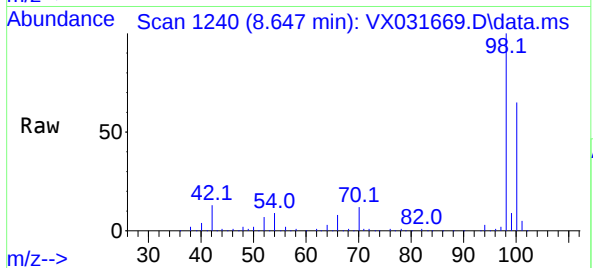
ClientSampleId :

Tgt Ion: 98 Resp: 171090

Ion Ratio Lower Upper

98 100

100 63.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.665 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031669.D

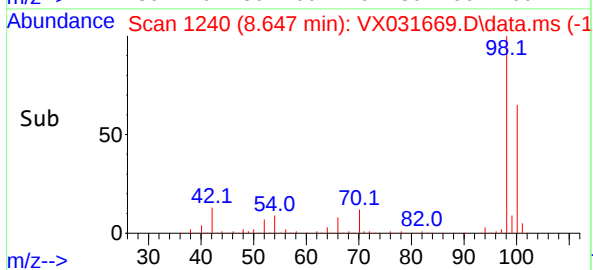
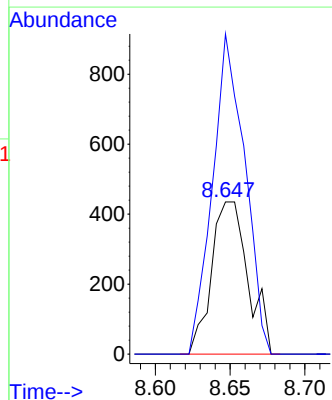
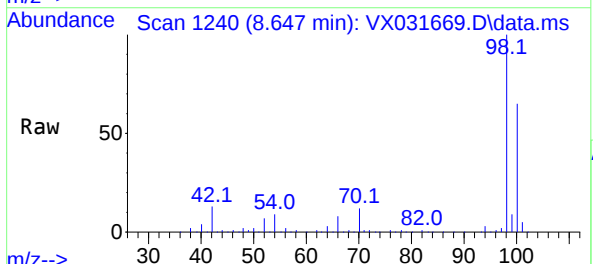
Acq: 27 Sep 2022 00:02

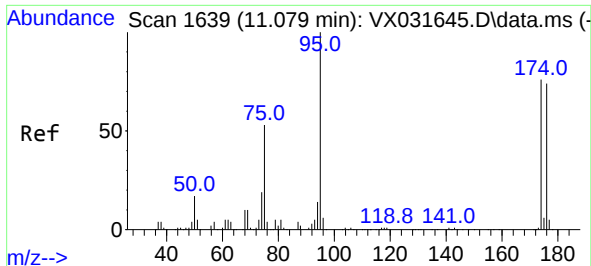
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 185.7 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 39.680 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031669.D

Acq: 27 Sep 2022 00:02

Instrument :

MSVOA_X

ClientSampleId :

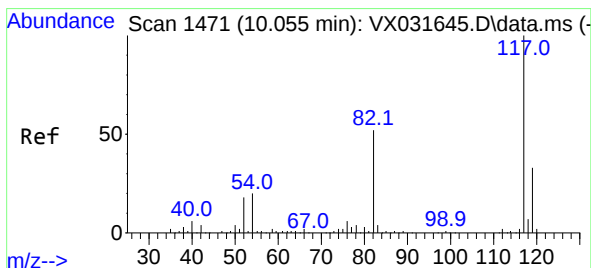
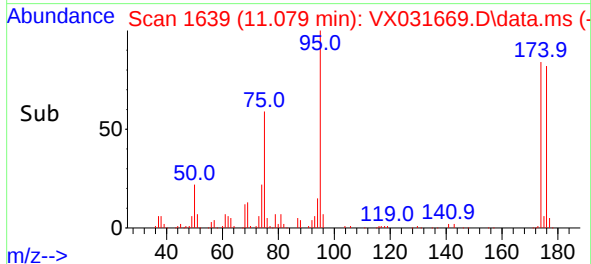
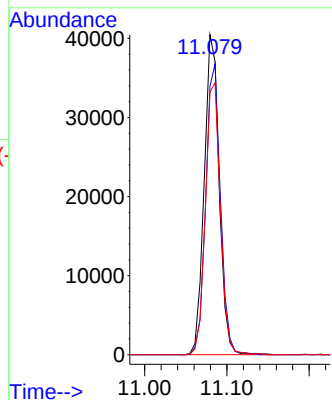
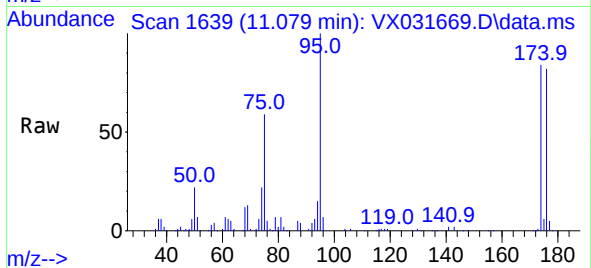
Tgt Ion: 95 Resp: 50989

Ion Ratio Lower Upper

95 100

174 89.7 0.0 153.2

176 85.4 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: VX031669.D

Acq: 27 Sep 2022 00:02

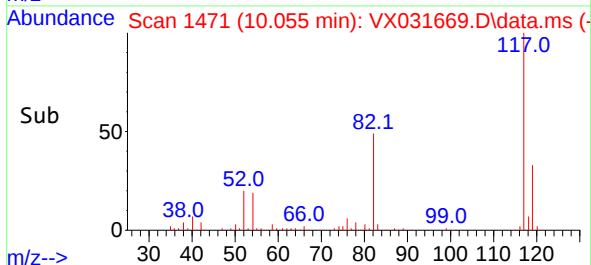
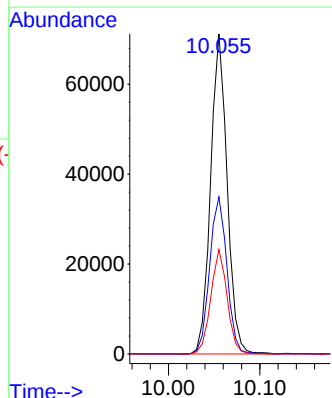
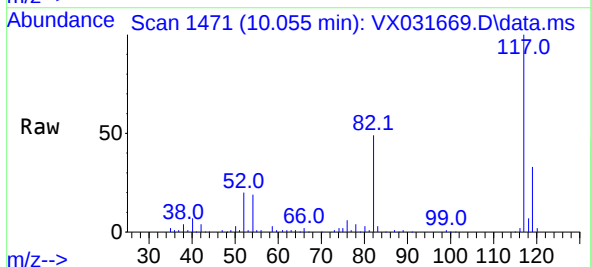
Tgt Ion: 117 Resp: 89447

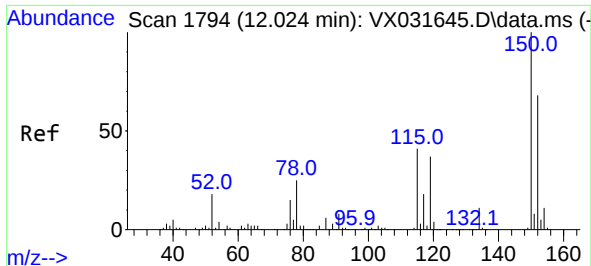
Ion Ratio Lower Upper

117 100

82 49.0 46.8 70.2

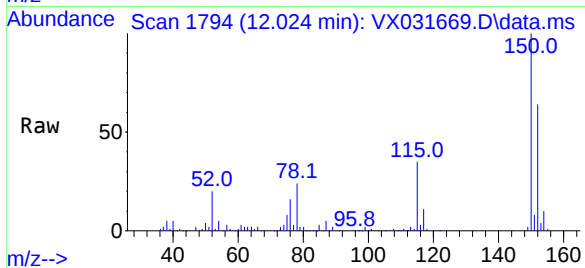
119 32.6 26.4 39.6



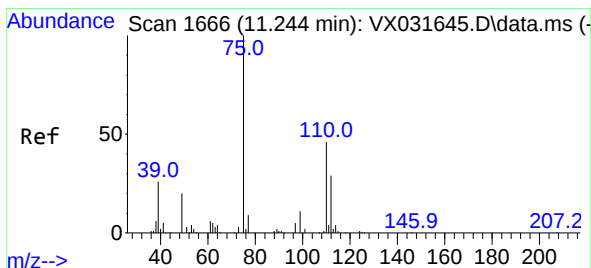
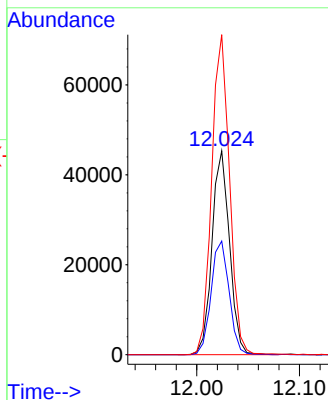
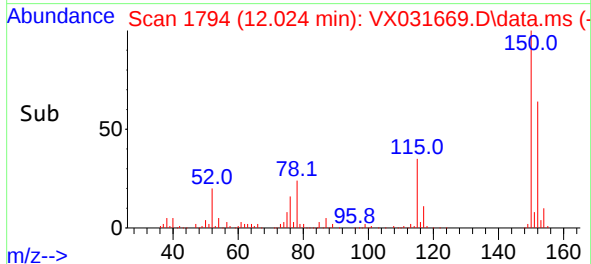


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Instrument :
MSVOA_X
ClientSampleId :

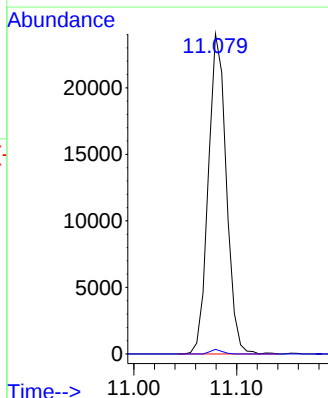
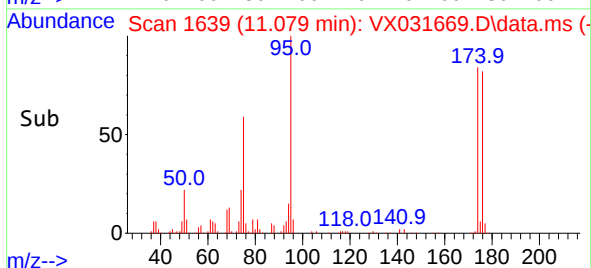
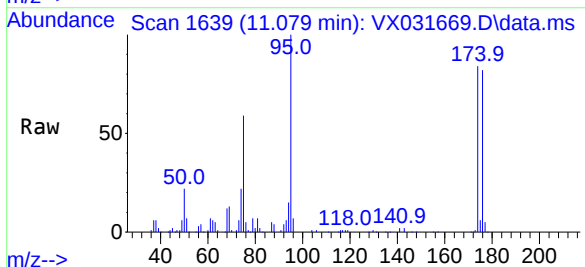


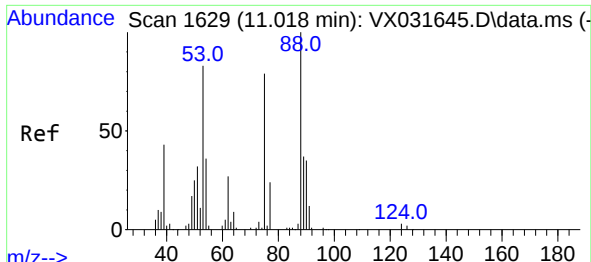
Tgt Ion:152 Resp: 53761
Ion Ratio Lower Upper
152 100
115 57.3 43.4 130.1
150 159.7 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

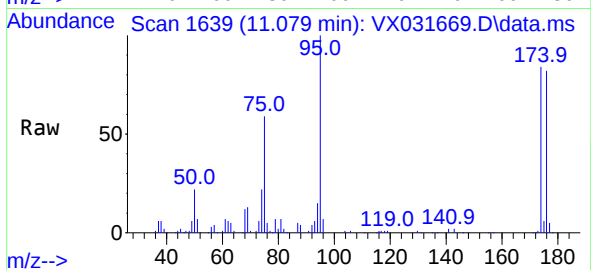
Tgt Ion: 75 Resp: 29233
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.864 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031669.D
Acq: 27 Sep 2022 00:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 29233
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

