

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025800.D
 Acq On : 15 Dec 2021 01:07
 Operator : JC/MD
 Sample : M4988-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20211207

Quant Time: Dec 15 07:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

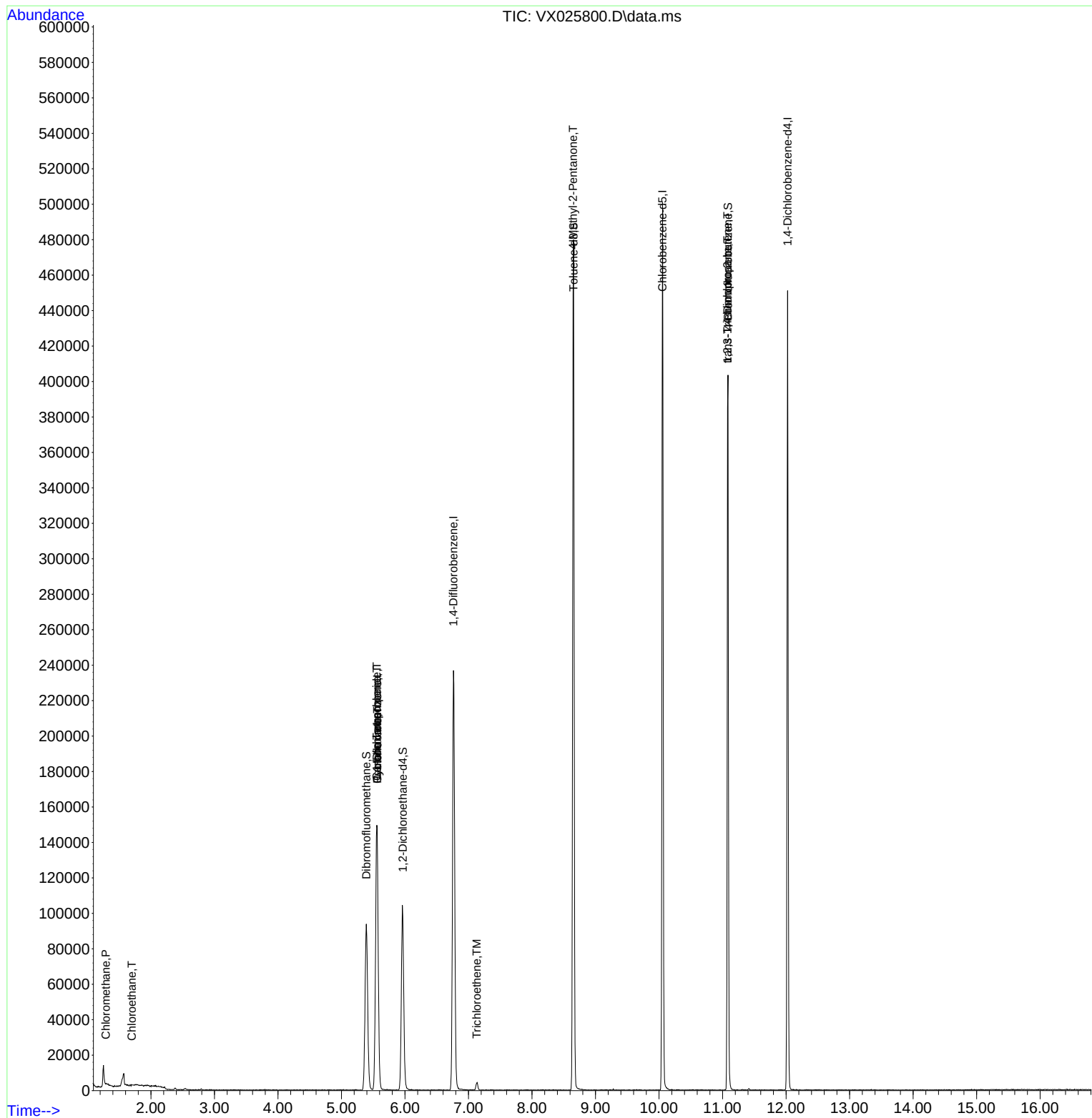
Internal Standards						
1) Pentafluorobenzene	5.562	168	141389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95186	46.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.580%
35) Dibromofluoromethane	5.391	113	79471	46.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.653	98	289442	46.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.860%
62) 4-Bromofluorobenzene	11.085	95	107751	45.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	356	0.216	ug/l #	43
6) Chloroethane	1.697	64	392	0.309	ug/l #	70
16) Acetone	2.386	43	1094	Below Cal		100
20) Methylene Chloride	2.794	84	222	Below Cal	#	81
31) Cyclohexane	5.562	56	3005	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11575	4.989	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14837	5.496	ug/l #	16
44) Trichloroethene	7.129	130	1671	0.867	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1402	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55941	27.551	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55941	85.416	ug/l #	10

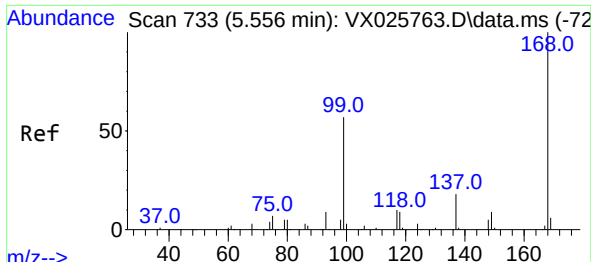
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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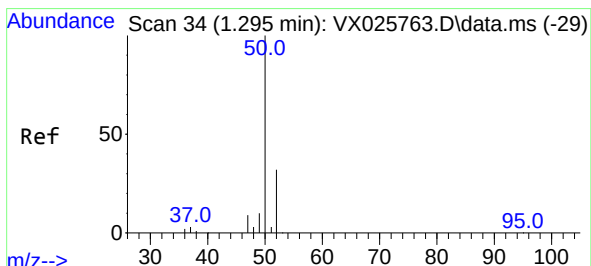
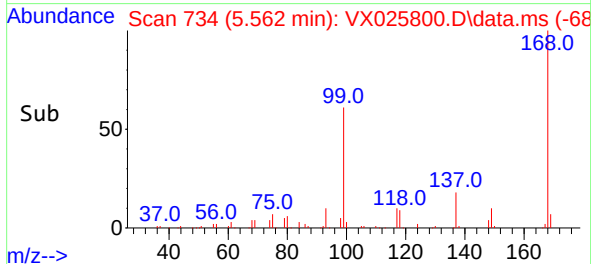
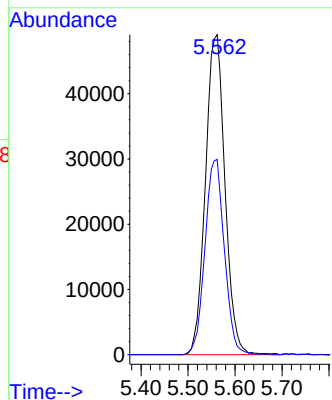
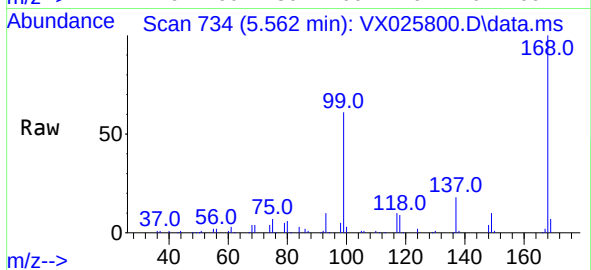




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

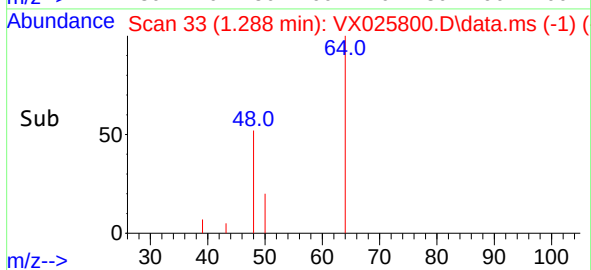
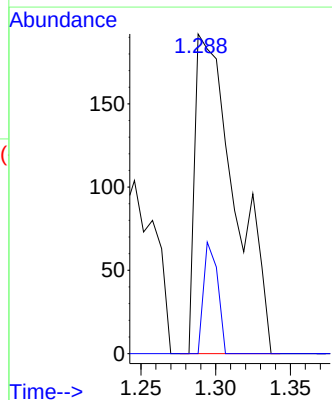
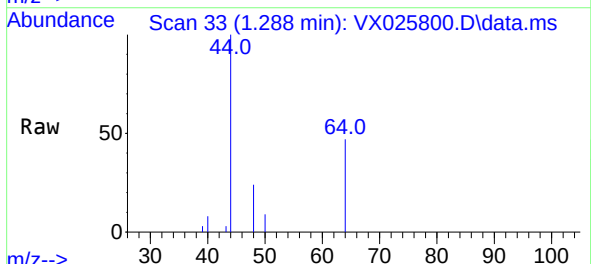
Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

Tgt Ion:168 Resp: 141389
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.8

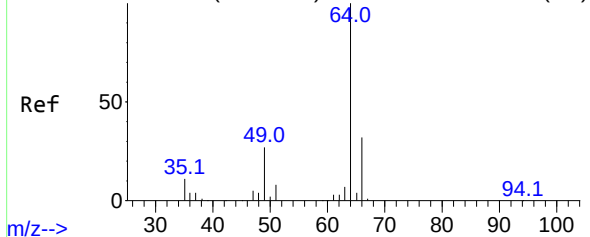


#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#



Abundance Scan 97 (1.679 min): VX025763.D\data.ms (-91)

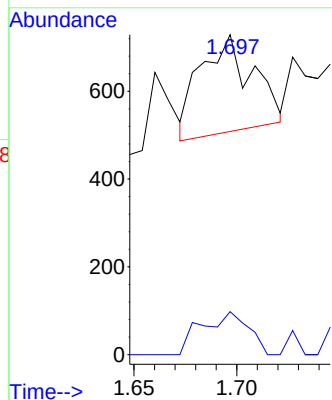
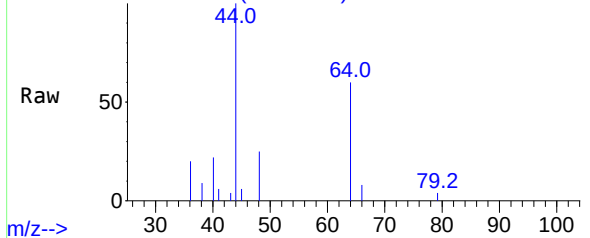


#6
Chloroethane
Concen: 0.309 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

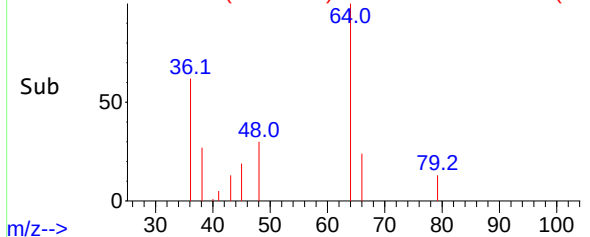
Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

Tgt Ion: 64 Resp: 392
Ion Ratio Lower Upper
64 100
66 49.2 25.9 38.9#

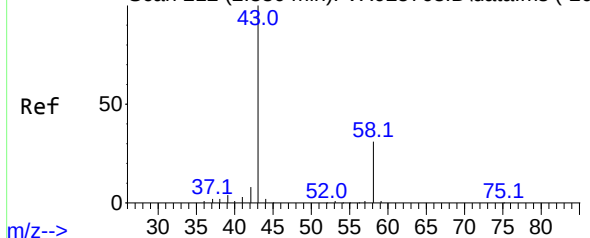
Abundance Scan 100 (1.697 min): VX025800.D\data.ms



Abundance Scan 100 (1.697 min): VX025800.D\data.ms (-48)



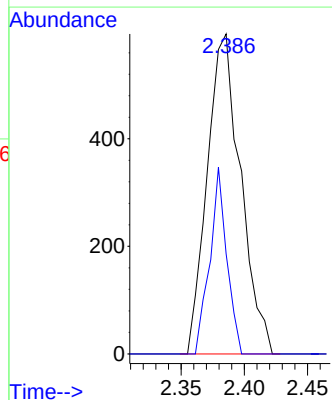
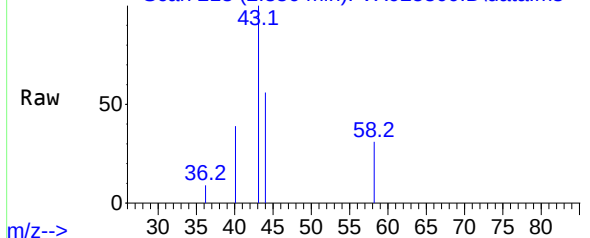
Abundance Scan 212 (2.380 min): VX025763.D\data.ms (-20)



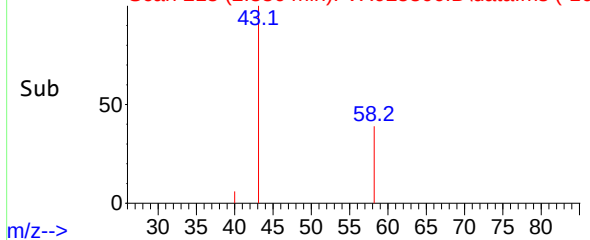
#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

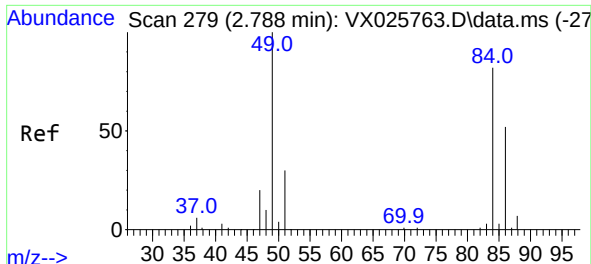
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

Abundance Scan 213 (2.386 min): VX025800.D\data.ms



Abundance Scan 213 (2.386 min): VX025800.D\data.ms (-16)





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

Instrument :

MSVOA_X

ClientSampleId :

TB04-20211207

Tgt Ion: 84 Resp: 222

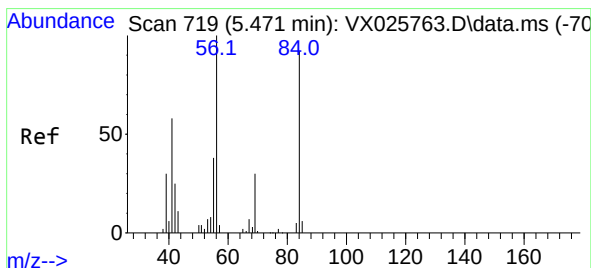
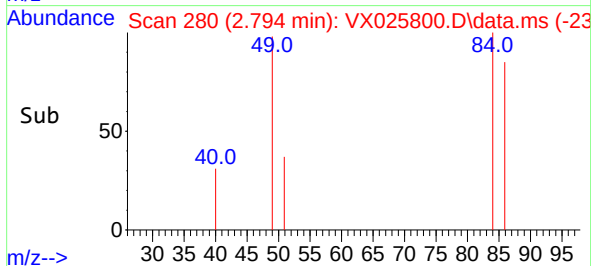
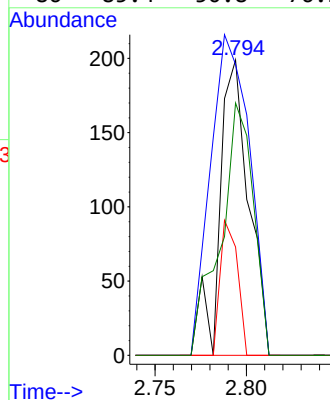
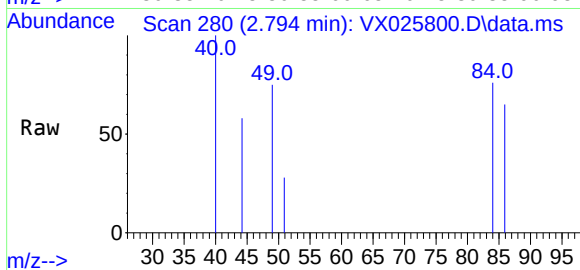
Ion Ratio Lower Upper

84 100

49 98.5 97.1 145.7

51 36.7 29.3 43.9

86 85.4 50.8 76.2#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

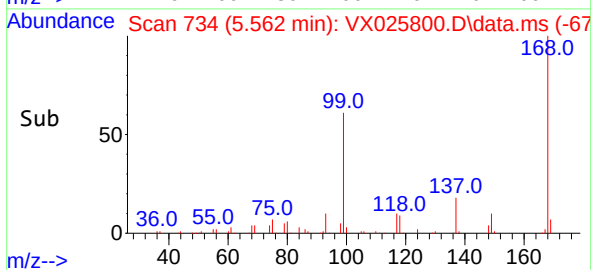
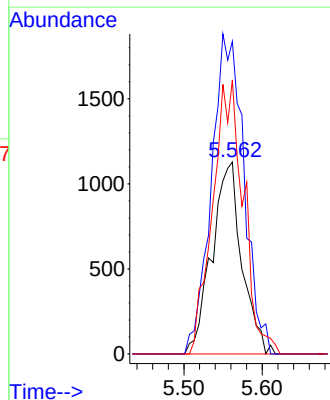
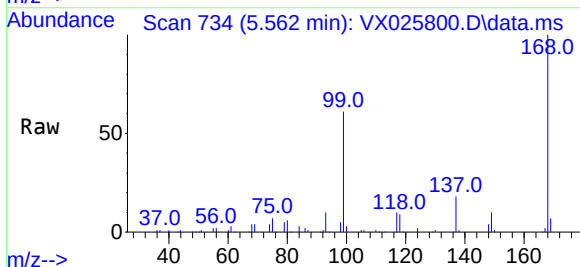
Tgt Ion: 56 Resp: 3005

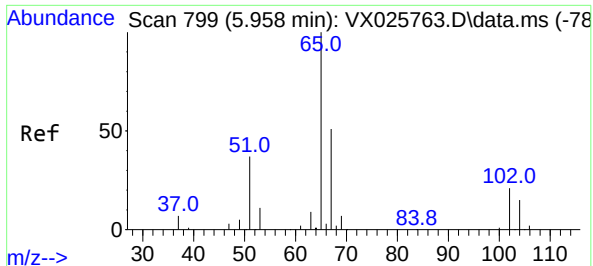
Ion Ratio Lower Upper

56 100

69 162.8 23.9 35.9#

84 142.7 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 46.790 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

Instrument :

MSVOA_X

ClientSampleId :

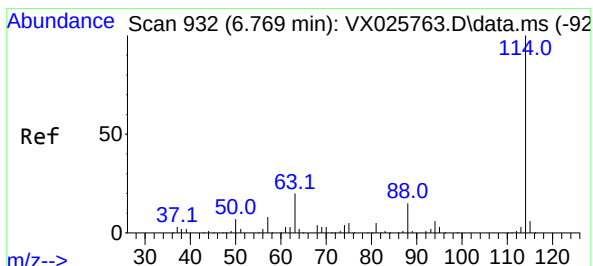
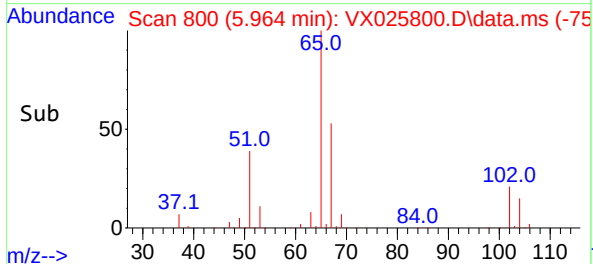
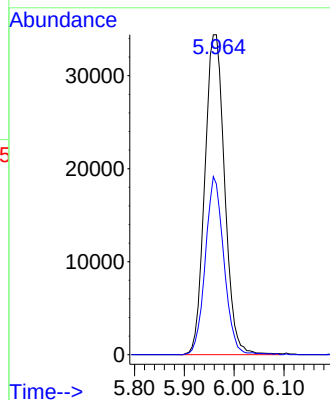
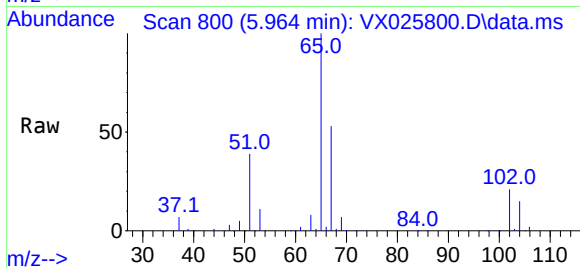
TB04-20211207

Tgt Ion: 65 Resp: 95186

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

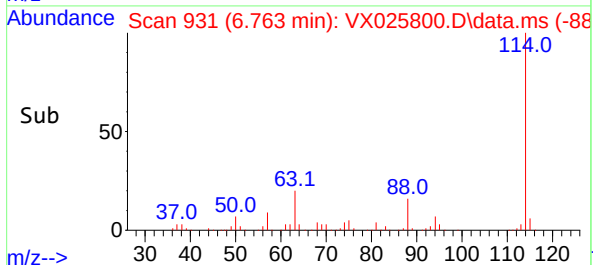
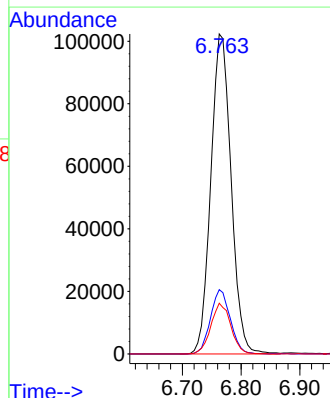
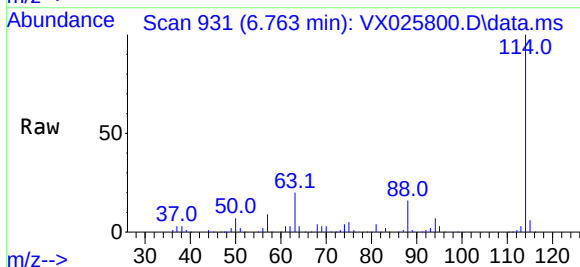
Tgt Ion: 114 Resp: 245334

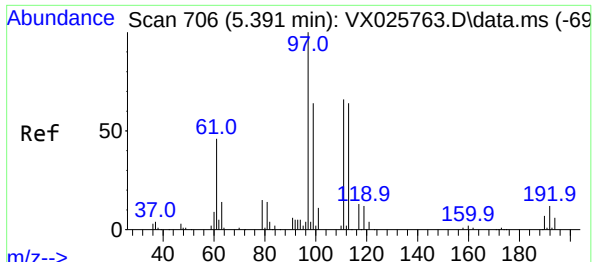
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.447 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

Instrument :

MSVOA_X

ClientSampleId :

TB04-20211207

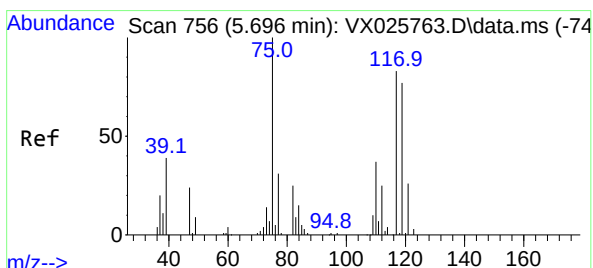
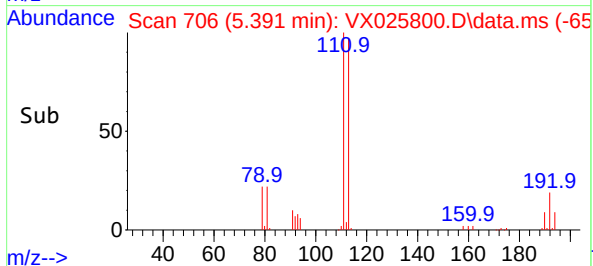
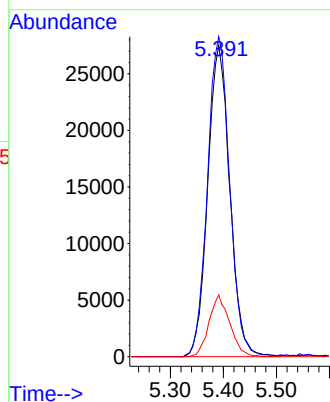
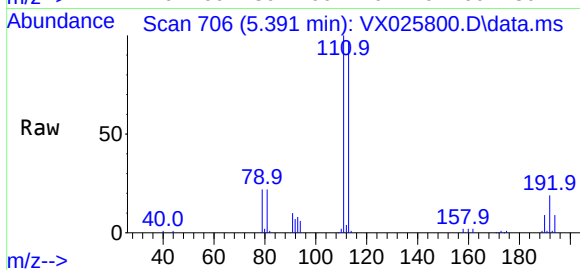
Tgt Ion:113 Resp: 79471

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025800.D

Acq: 15 Dec 2021 01:07

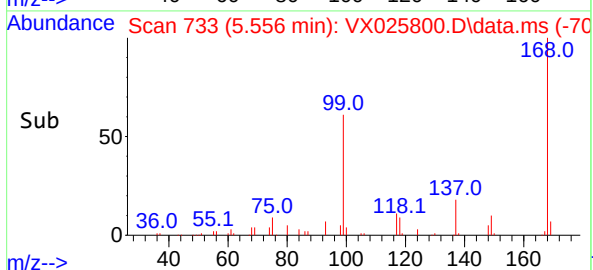
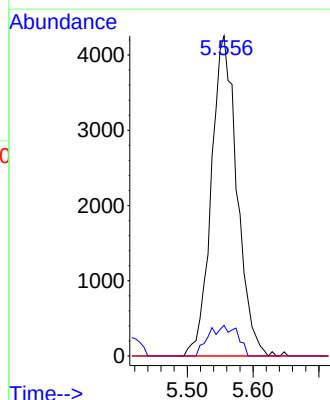
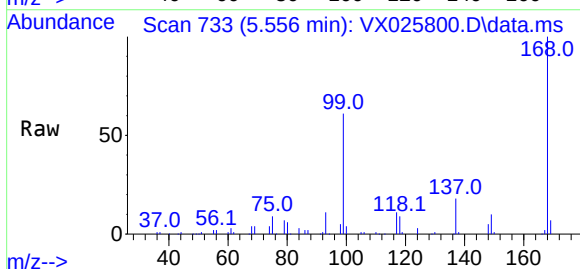
Tgt Ion: 75 Resp: 11575

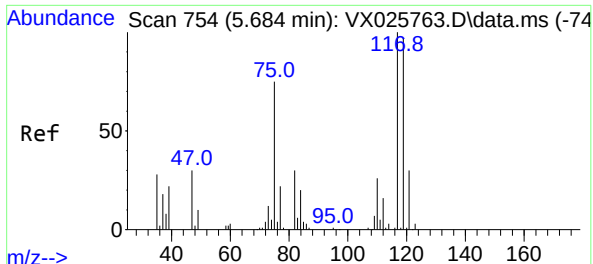
Ion Ratio Lower Upper

75 100

110 10.6 18.2 54.6#

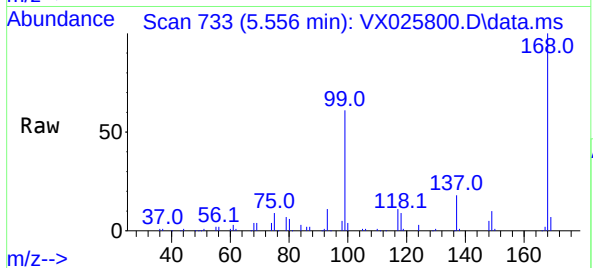
77 0.0 24.7 37.1#



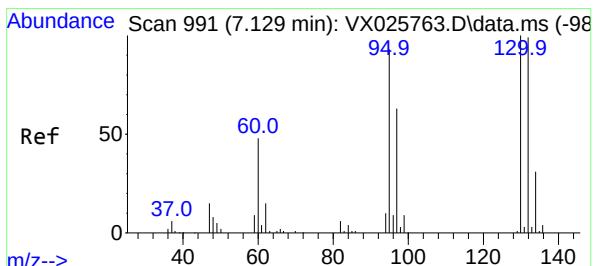
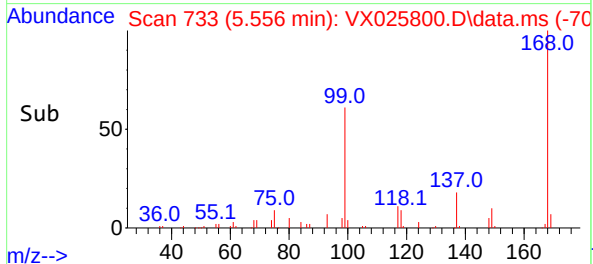
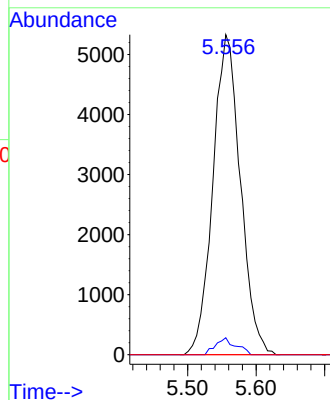


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

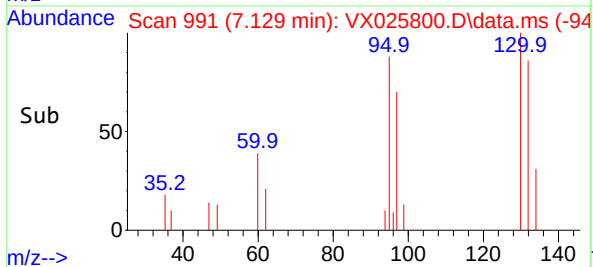
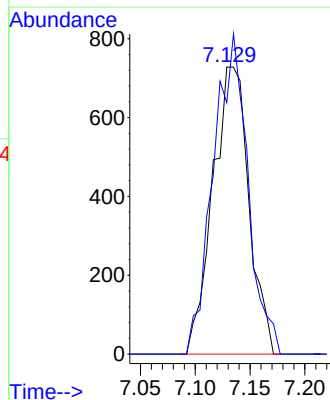
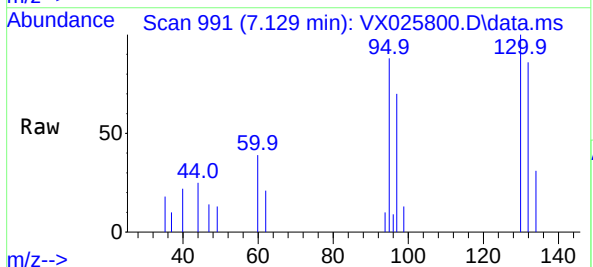


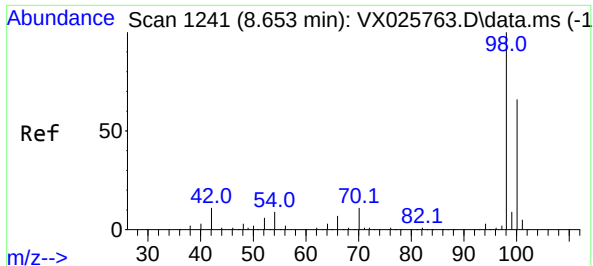
Tgt Ion:117 Resp: 14837
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 23.8 35.8#



#44
Trichloroethene
Concen: 0.867 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Tgt Ion:130 Resp: 1671
Ion Ratio Lower Upper
130 100
95 87.6 0.0 186.4

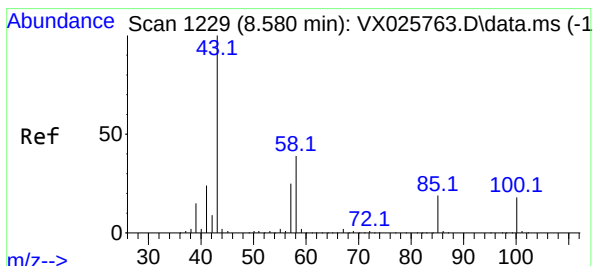
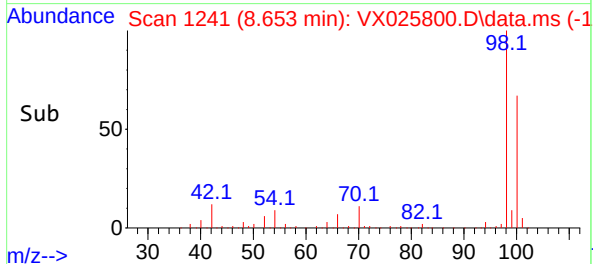
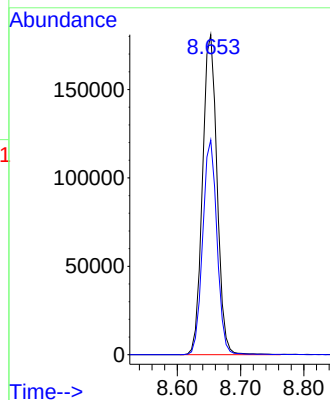
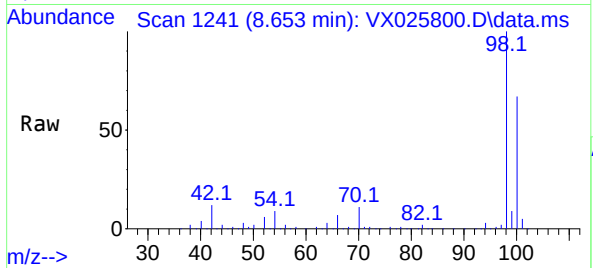




#50
Toluene-d8
Concen: 46.429 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

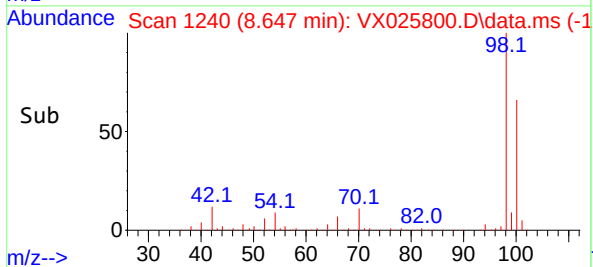
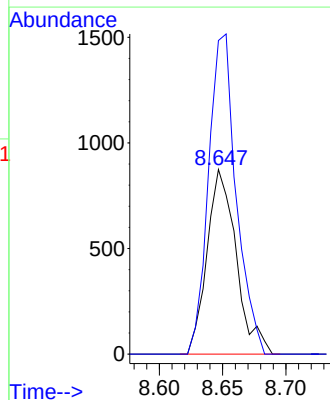
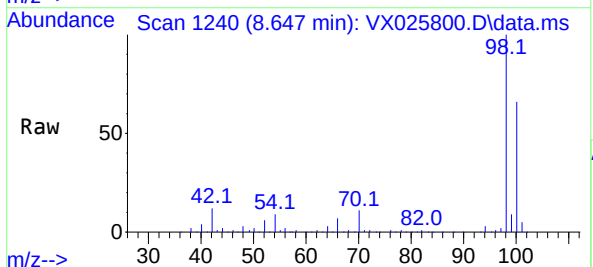
Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

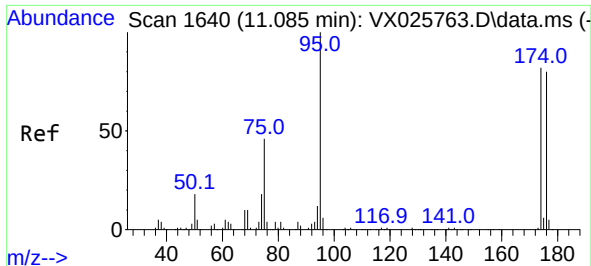
Tgt Ion: 98 Resp: 289442
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 164.8 30.8 46.2#

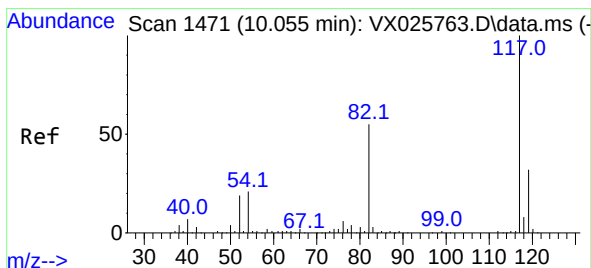
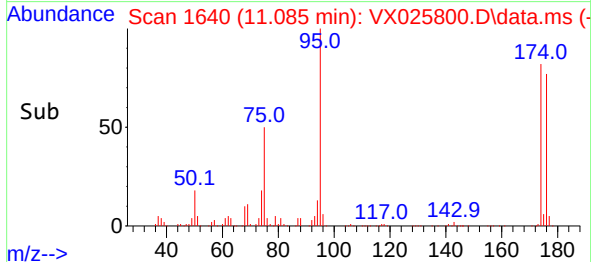
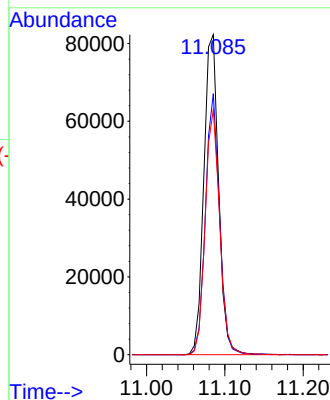
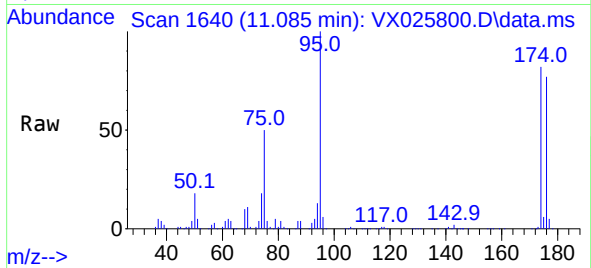




#62
4-Bromofluorobenzene
Concen: 45.502 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

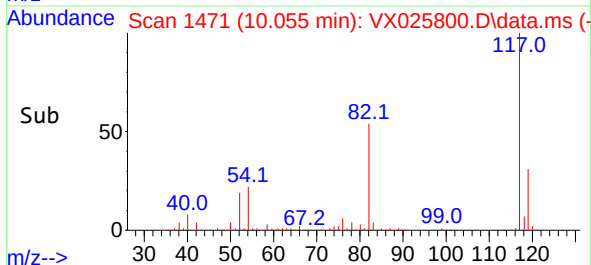
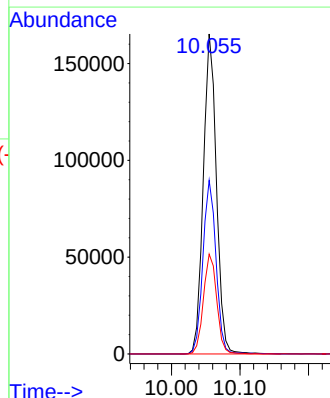
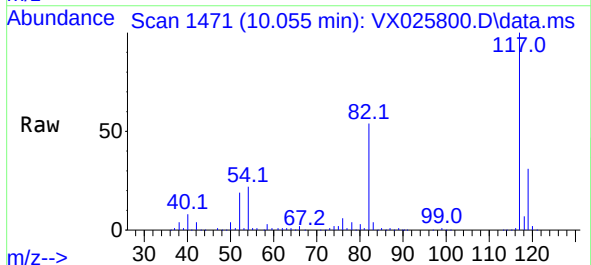
Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

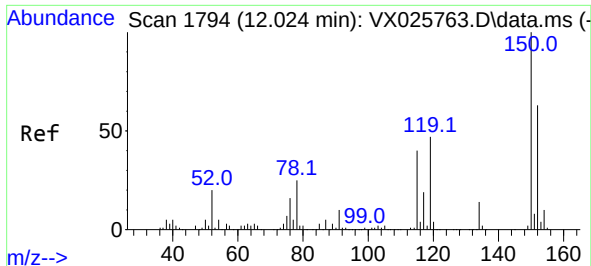
Tgt Ion: 95 Resp: 107751
Ion Ratio Lower Upper
95 100
174 77.6 0.0 157.4
176 74.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Tgt Ion: 117 Resp: 220812
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 31.2 25.2 37.8

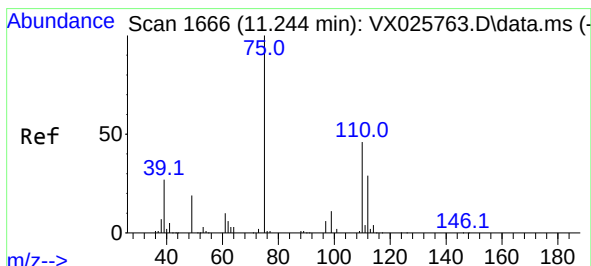
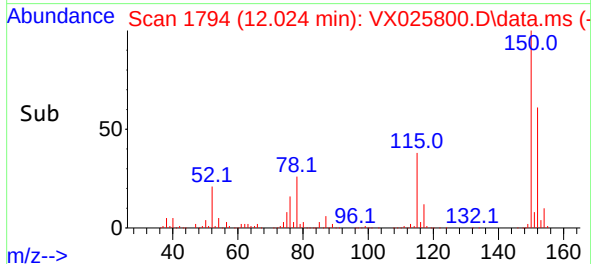
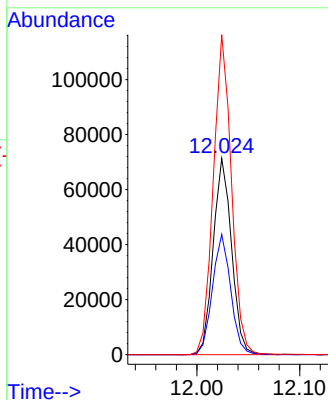
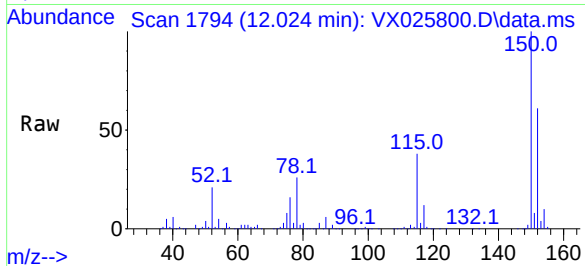




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

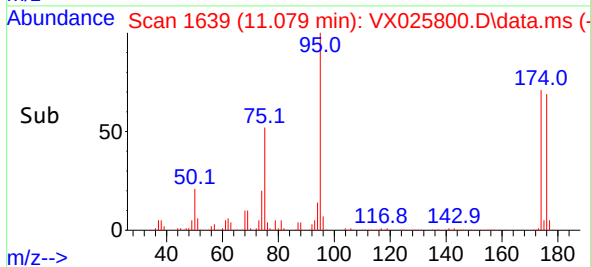
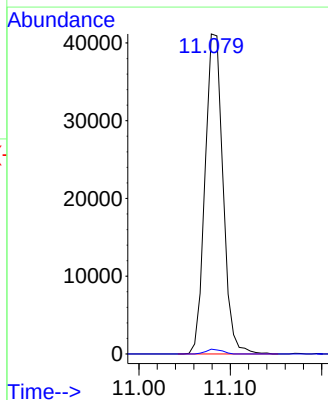
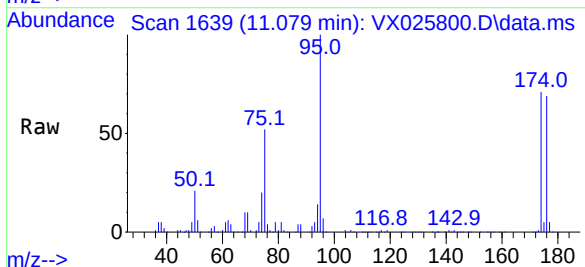
Instrument :
MSVOA_X
ClientSampleId :
TB04-20211207

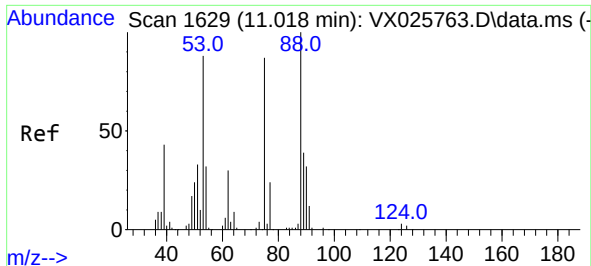
Tgt Ion:152 Resp: 88620
Ion Ratio Lower Upper
152 100
115 61.2 41.3 123.9
150 161.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025800.D
Acq: 15 Dec 2021 01:07

Tgt Ion: 75 Resp: 55941
Ion Ratio Lower Upper
75 100
77 1.4 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.416 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025800.D
 Acq: 15 Dec 2021 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20211207

Tgt Ion: 75 Resp: 55941
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

