

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010580.D
 Acq On : 01 Jul 2019 11:04
 Operator : JC/SP
 Sample : K3588-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190627

Quant Time: Jul 02 04:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125255	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
35) Dibromofluoromethane	5.50	113	122331	49.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.06%	
50) Toluene-d8	8.71	98	474659	50.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	159806	46.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.70%	

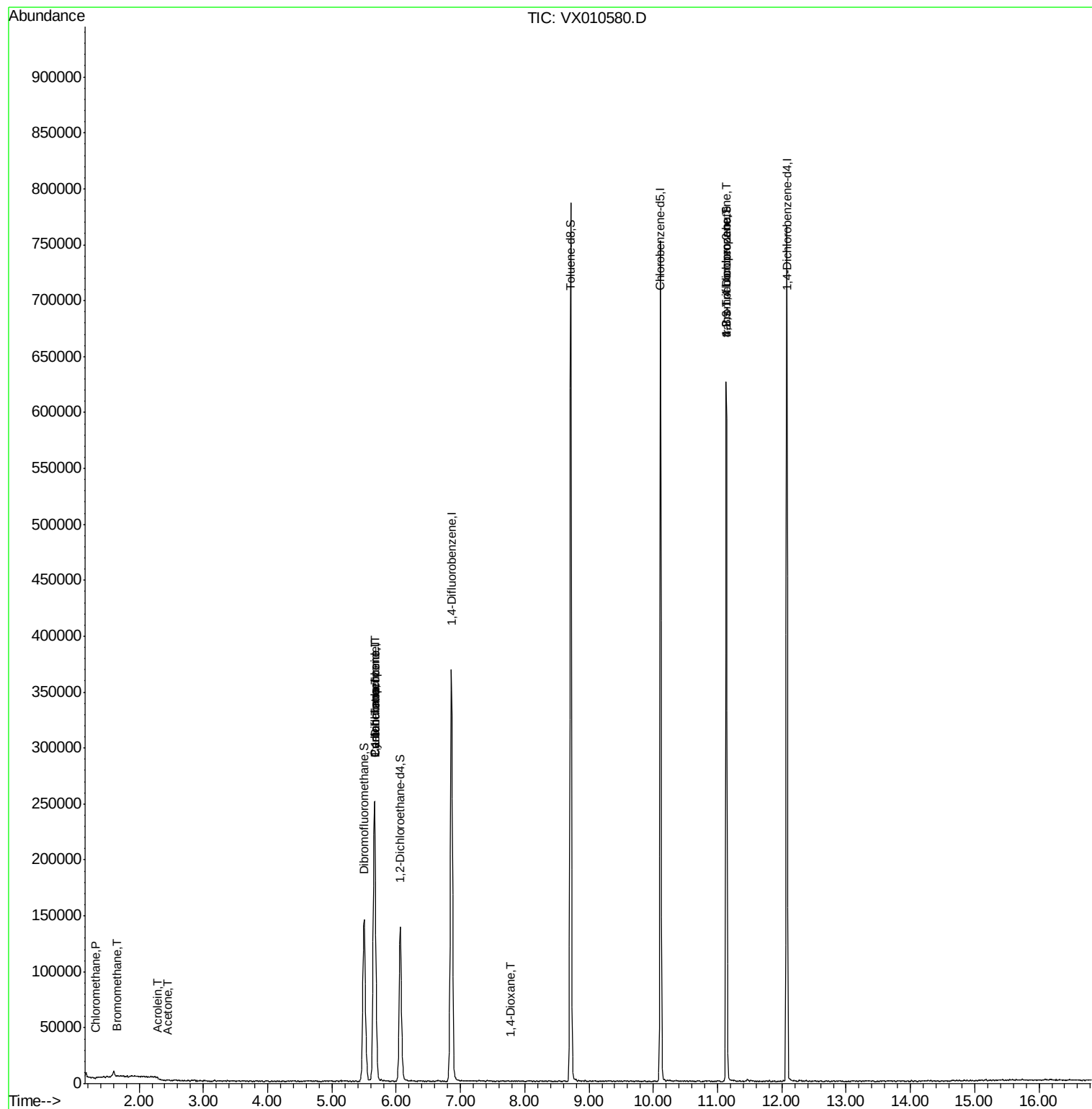
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	580	0.271	ug/l #	78
5) Bromomethane	1.65	94	559	0.489	ug/l	96
13) Acrolein	2.29	56	349	0.811	ug/l #	72
16) Acetone	2.45	43	466	0.375	ug/l	96
31) Cyclohexane	5.67	56	4737	1.323	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16594	5.173	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23348	6.722	ug/l #	14
49) 1,4-Dioxane	7.79	88	39	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	77585	24.615	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	77585	57.423	ug/l #	16

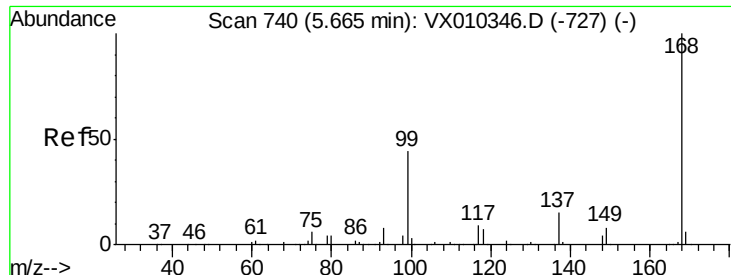
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070119\
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Acq On : 01 Jul 2019 11:04
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Quant Time: Jul 02 04:49:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
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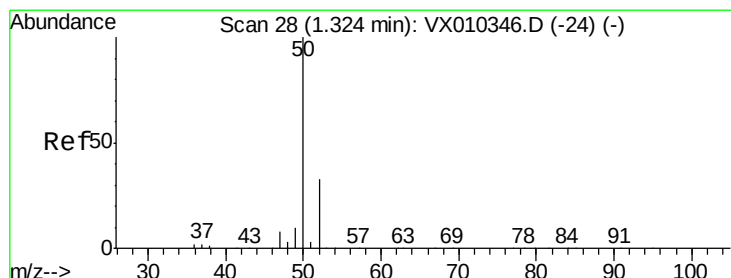
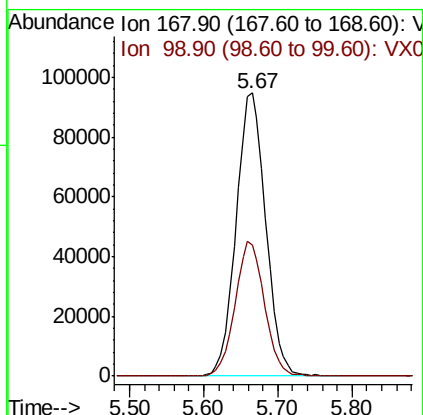
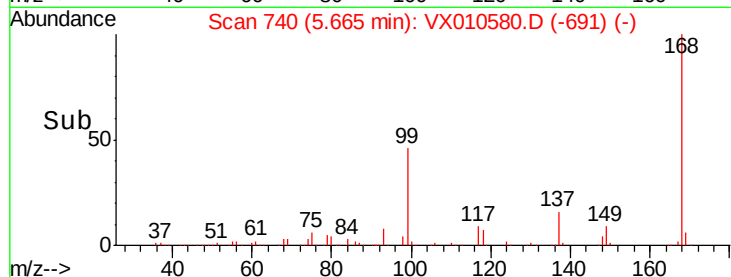
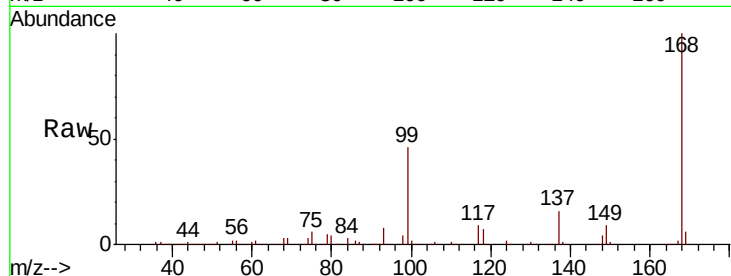




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010580.D
Acq: 01 Jul 2019 11:04

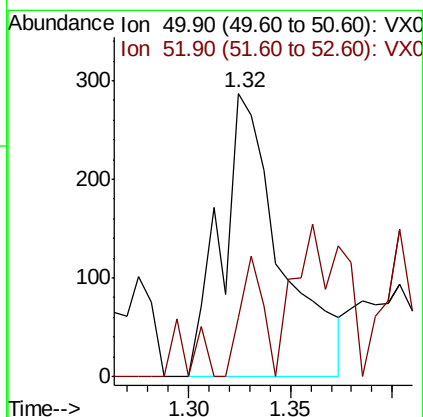
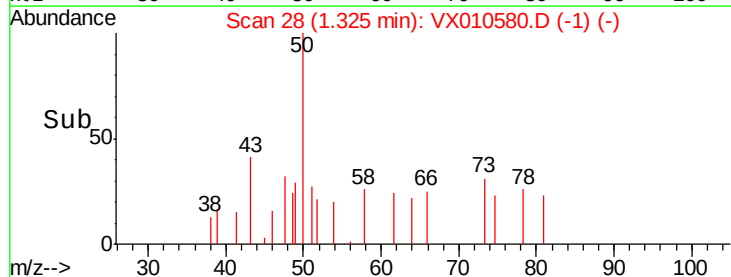
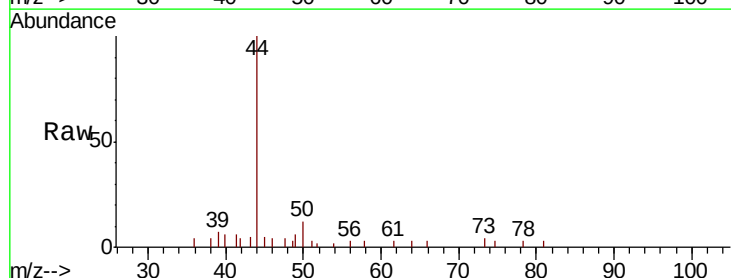
Instrument :
MSVOA_X
ClientSampled :
TT-TB-20190627

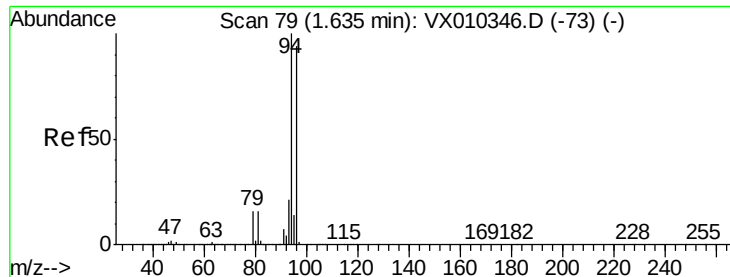
Tot Ion:168 Resp: 264462
Ion Ratio Lower Upper
168 100
99 46.5 35.5 53.3



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010580.D
Acq: 01 Jul 2019 11:04

Tgt Ion: 50 Resp: 580
Ion Ratio Lower Upper
50 100
52 20.9 26.5 39.7#





#5

Bromomethane

Concen: 0.489 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

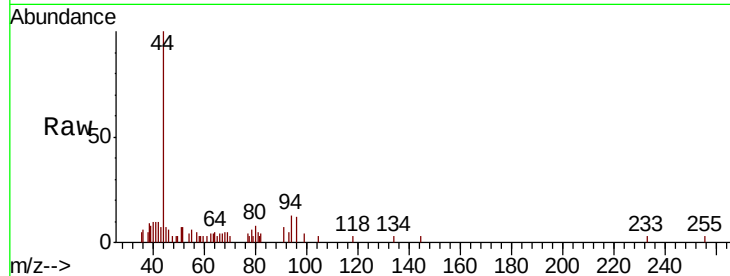
TT-TB-20190627

Tot Ion: 94 Resp: 559

Ion Ratio Lower Upper

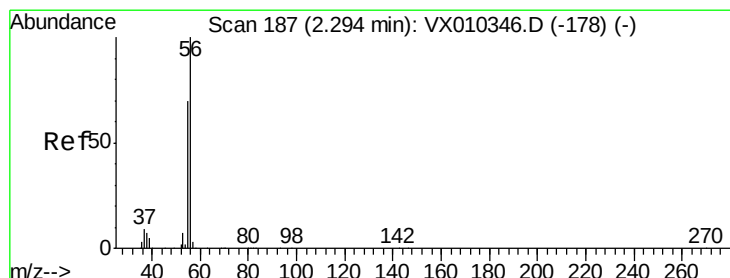
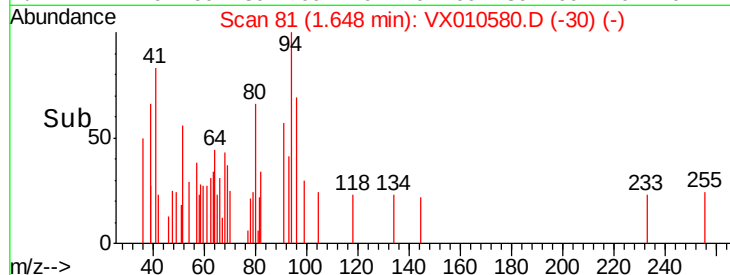
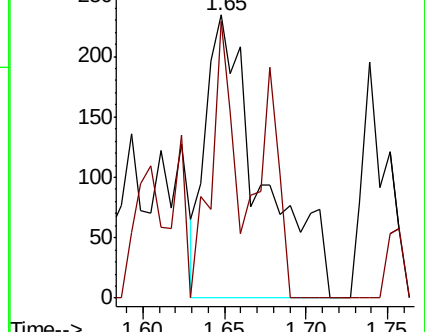
94 100

96 97.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: 0.811 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010580.D

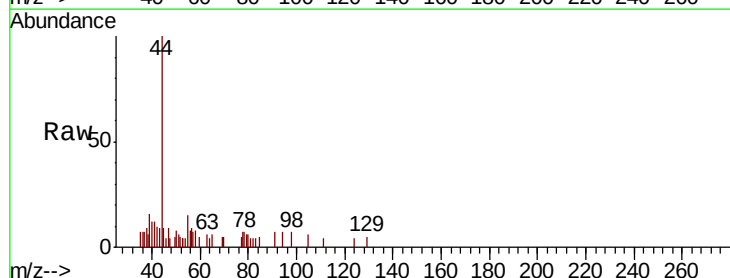
Acq: 01 Jul 2019 11:04

Tgt Ion: 56 Resp: 349

Ion Ratio Lower Upper

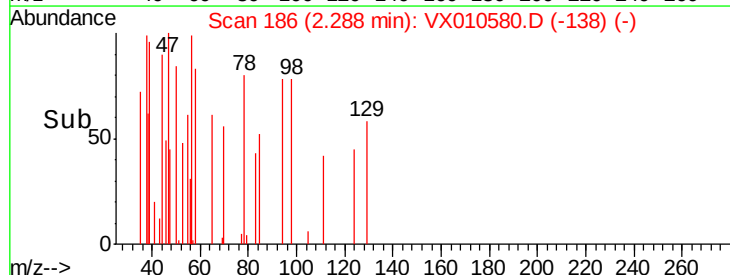
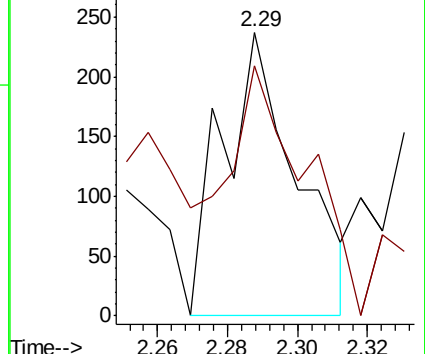
56 100

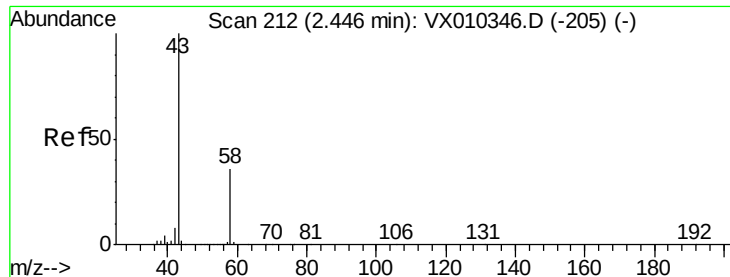
55 94.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.375 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

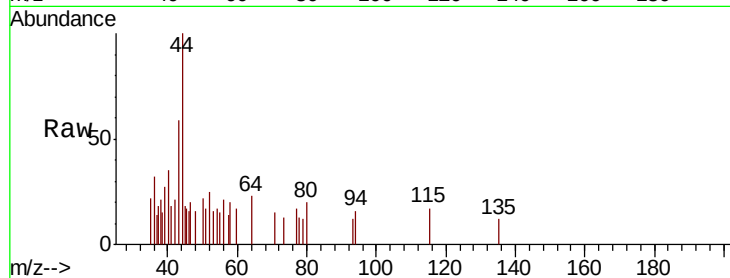
TT-TB-20190627

Tot Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

58 33.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

250

200

150

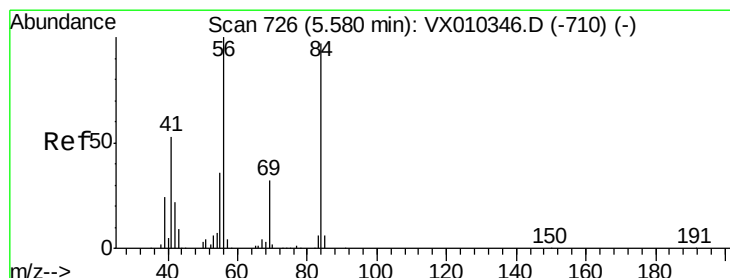
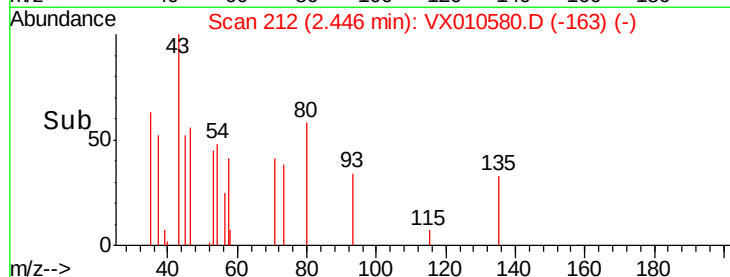
100

50

0

Time-->

2.40 2.45 2.50



#31

Cyclohexane

Concen: 1.323 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

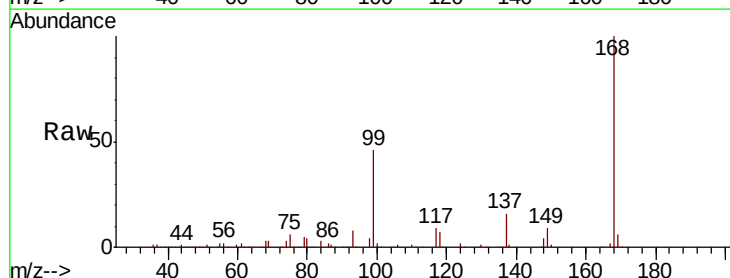
Tgt Ion: 56 Resp: 4737

Ion Ratio Lower Upper

56 100

69 171.5 25.9 38.9#

84 155.7 78.0 117.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

3000

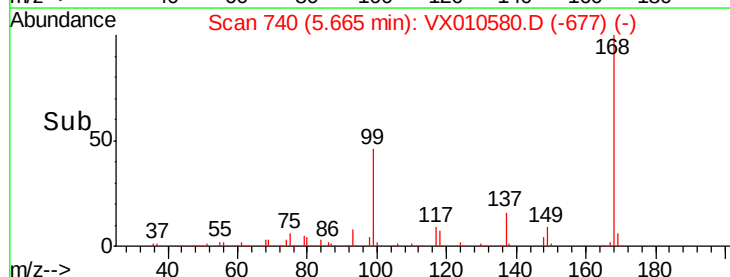
2000

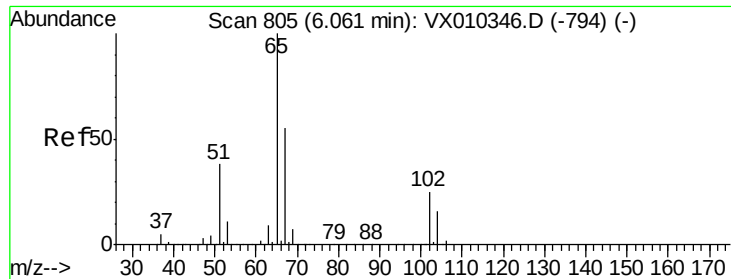
1000

0

Time-->

5.60 5.70

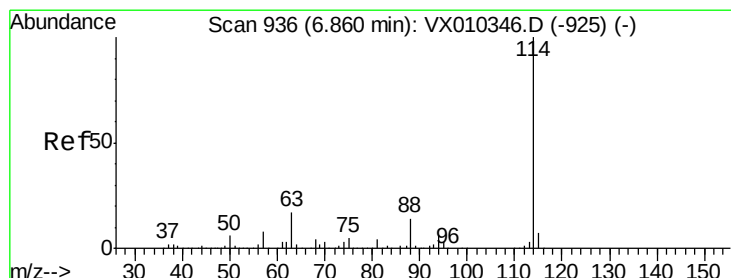
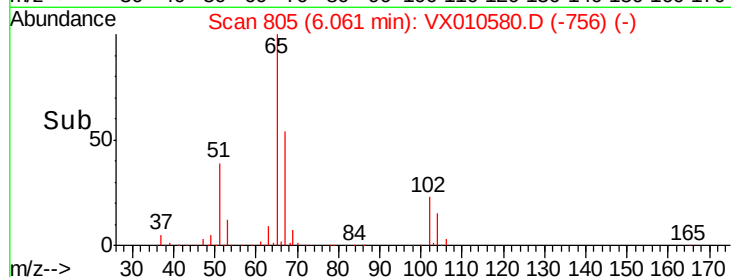
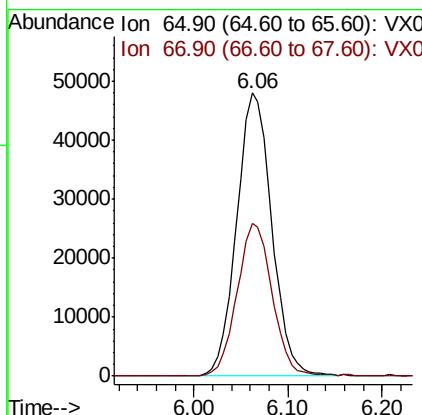
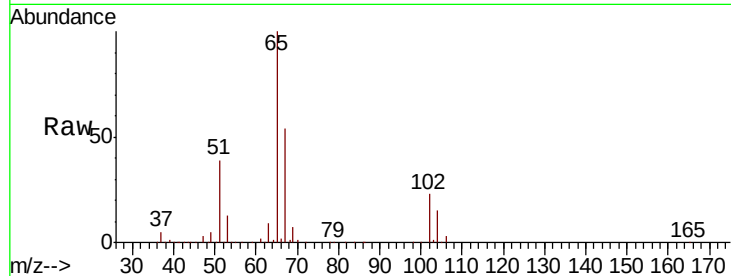




#33
 1,2-Dichloroethane-d4
 Concen: 50.514 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

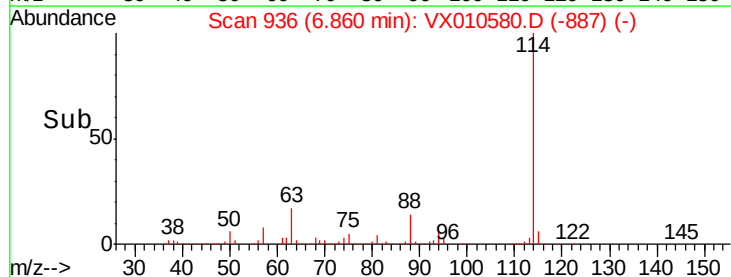
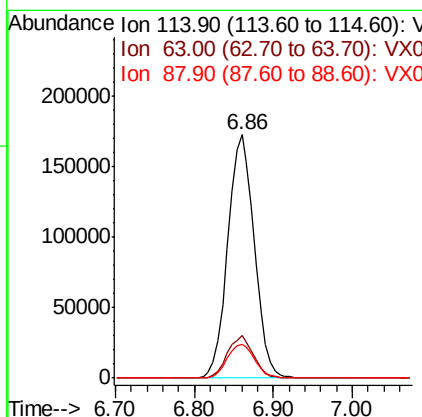
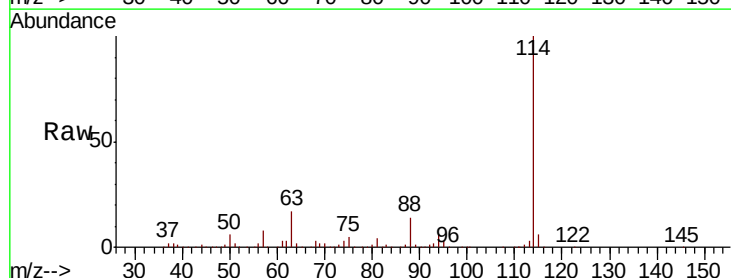
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190627

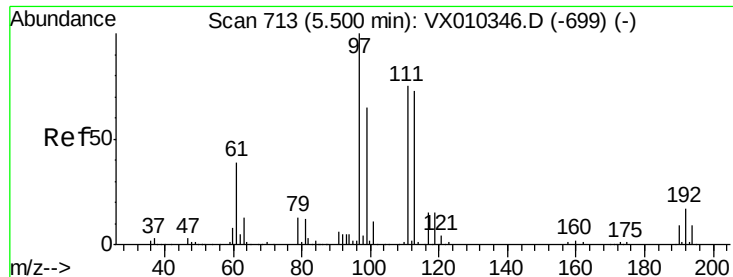
Tot Ion: 65 Resp: 125255
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

Tgt Ion: 114 Resp: 403648
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.1 0.0 27.6

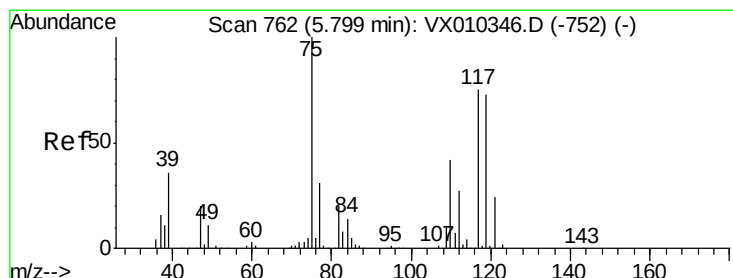
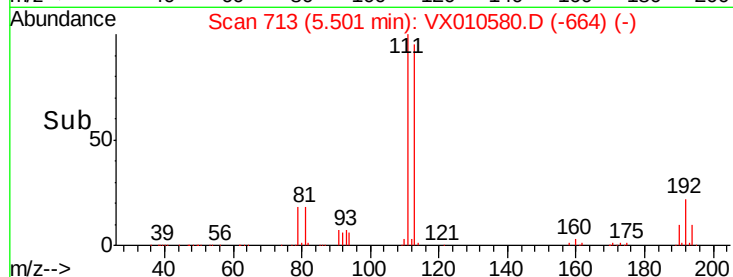
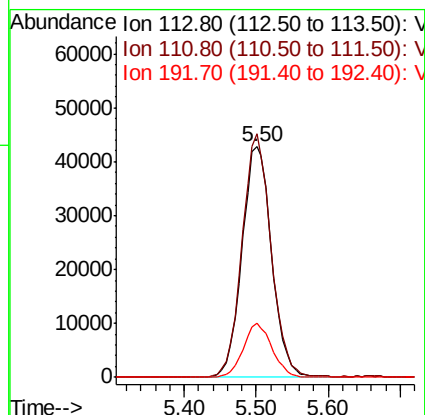
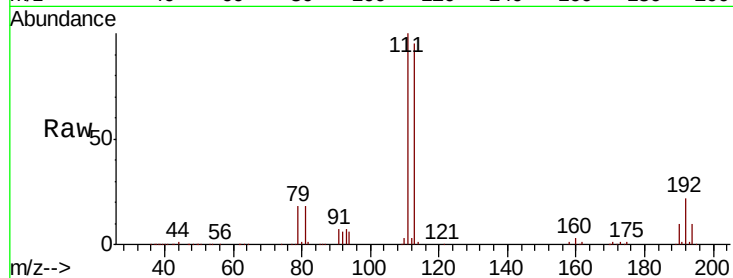




#35
 Dibromofluoromethane
 Concen: 49.533 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

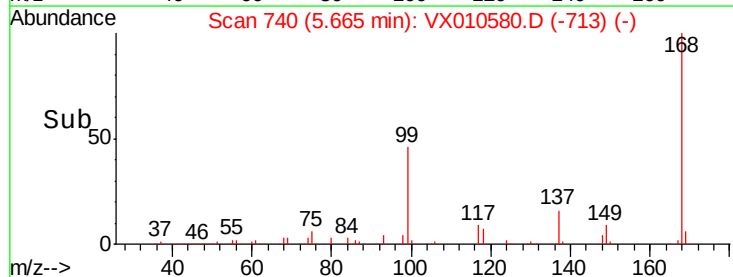
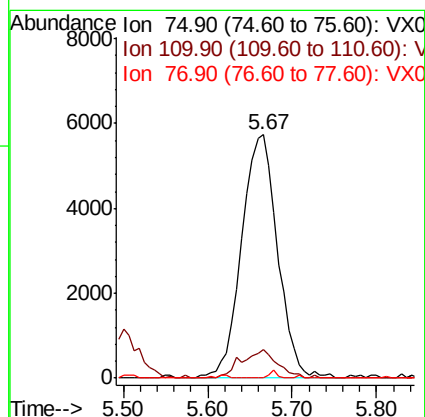
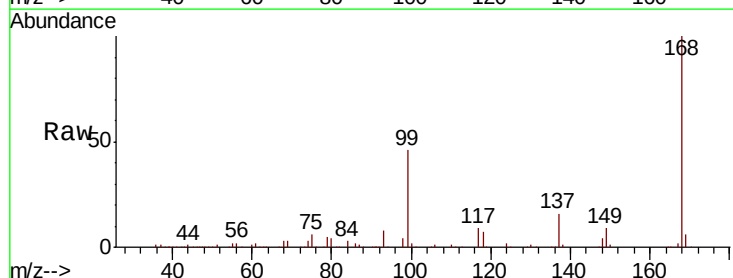
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190627

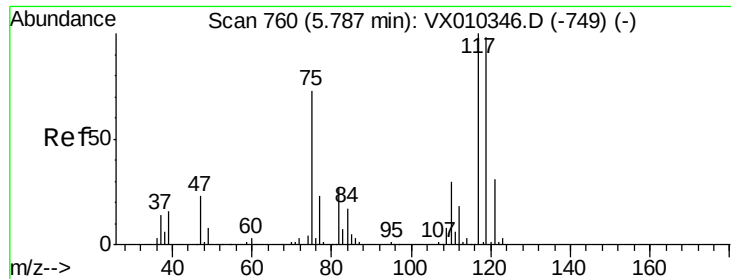
Tot Ion:113 Resp: 122331
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 22.7 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.173 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

Tgt Ion: 75 Resp: 16594
 Ion Ratio Lower Upper
 75 100
 110 11.5 20.8 62.2#
 77 0.7 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.722 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

TT-TB-20190627

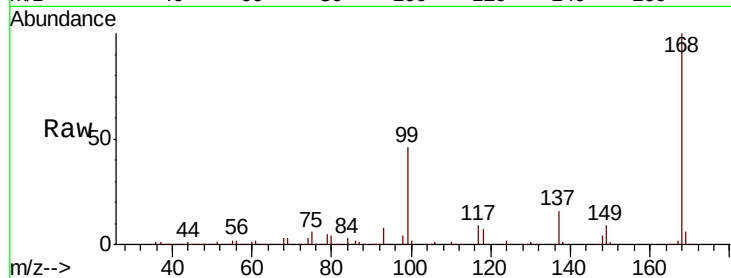
Tot Ion:117 Resp: 23348

Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.4#

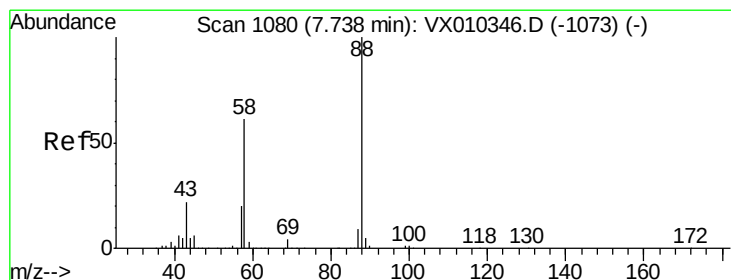
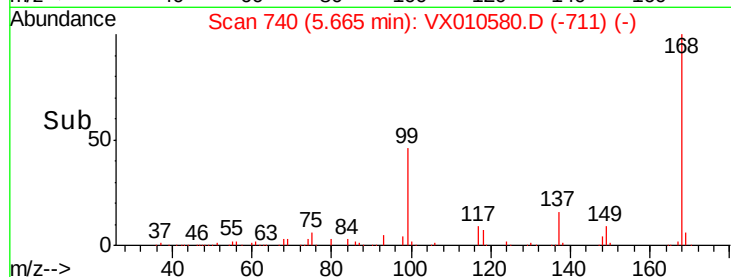
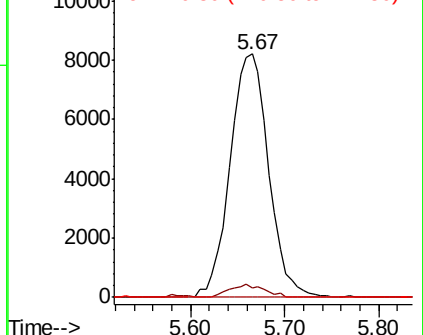
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.533 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.05 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

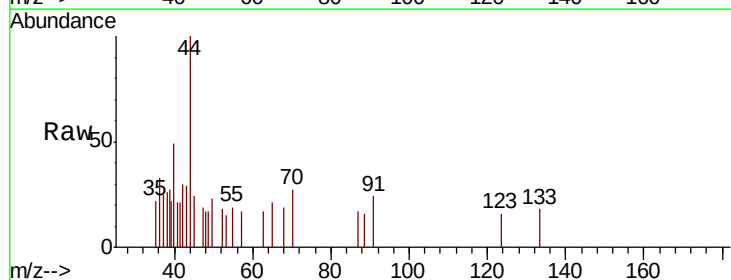
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 307.7 20.2 30.2#

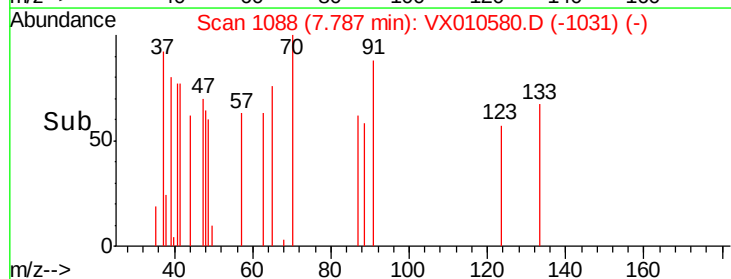
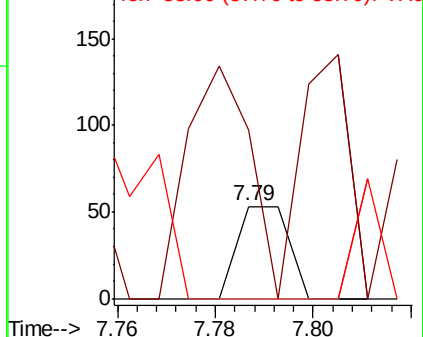
58 0.0 49.5 74.3#

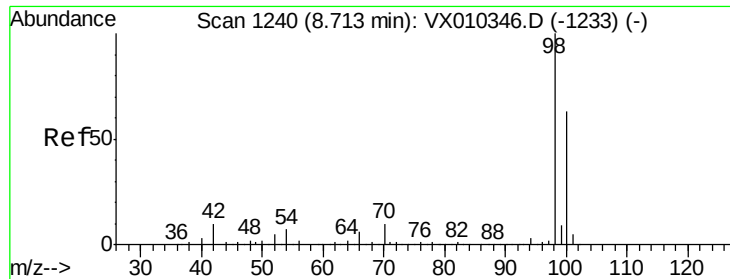


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.237 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

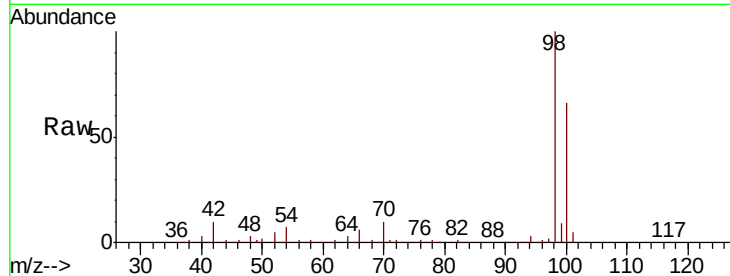
TT-TB-20190627

Tot Ion: 98 Resp: 474659

Ion Ratio Lower Upper

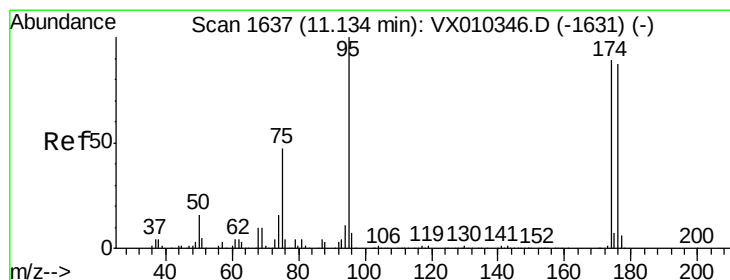
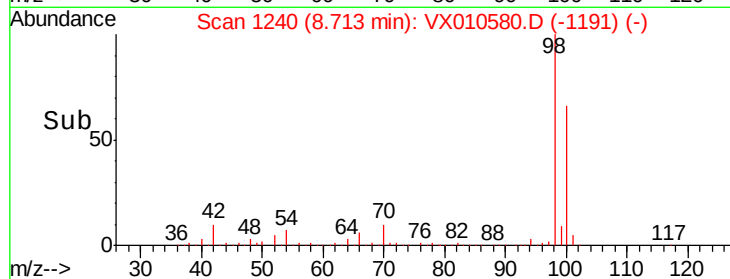
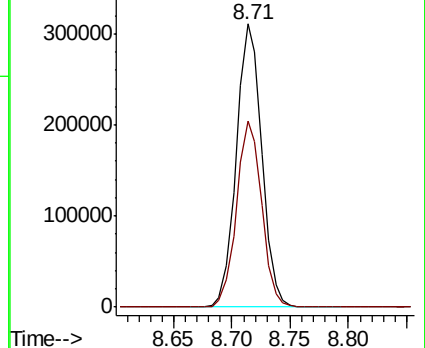
98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.848 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010580.D

Acq: 01 Jul 2019 11:04

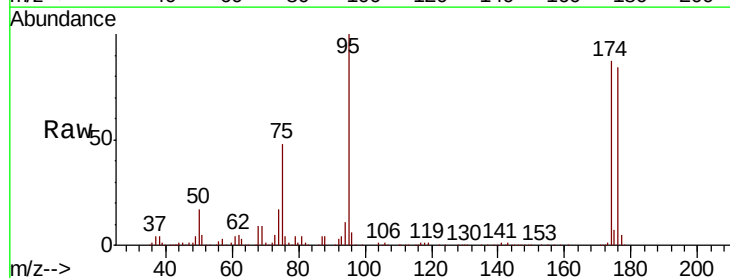
Tgt Ion: 95 Resp: 159806

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.6

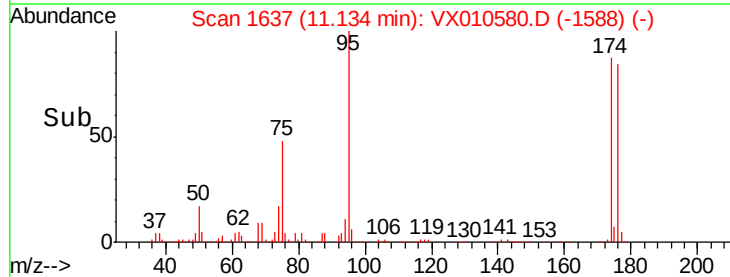
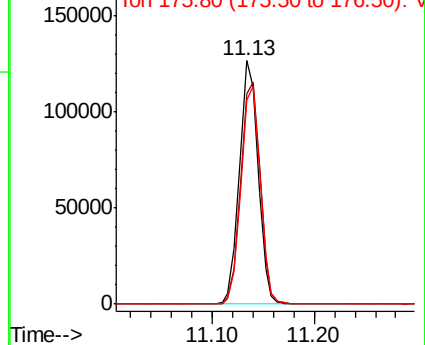
176 92.0 0.0 184.0

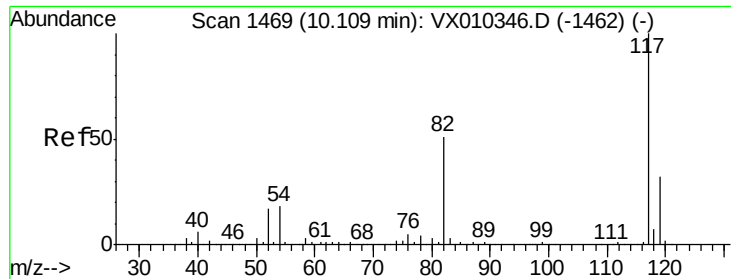


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

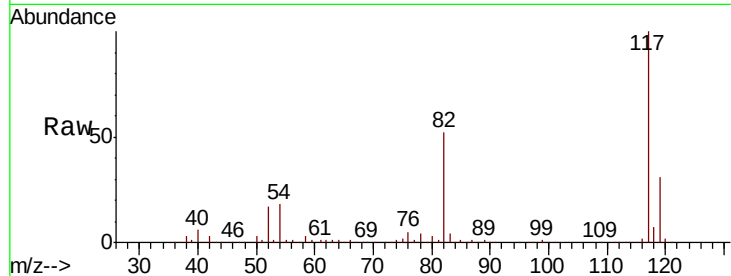




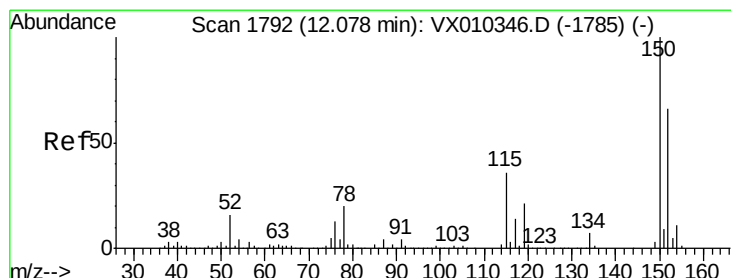
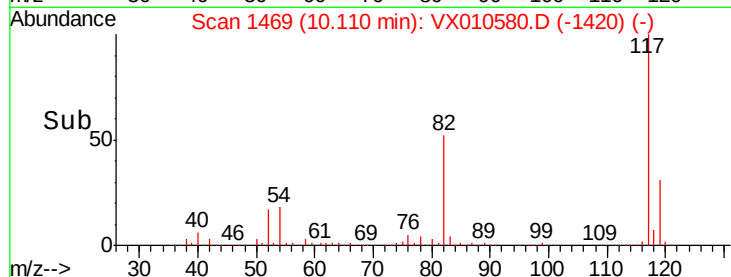
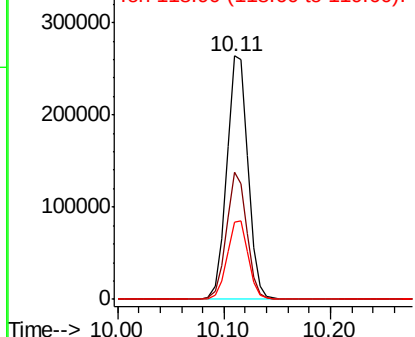
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010580.D
Acq: 01 Jul 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190627

Tot Ion:117 Resp: 368429
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 31.5 25.5 38.3

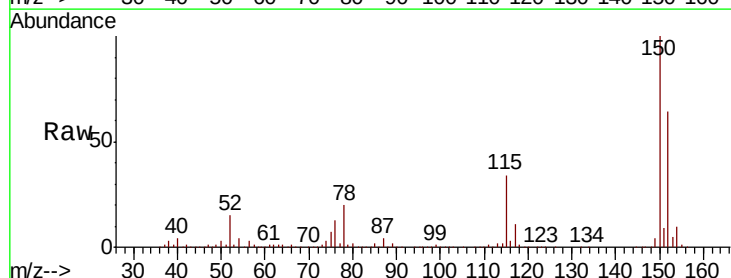


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

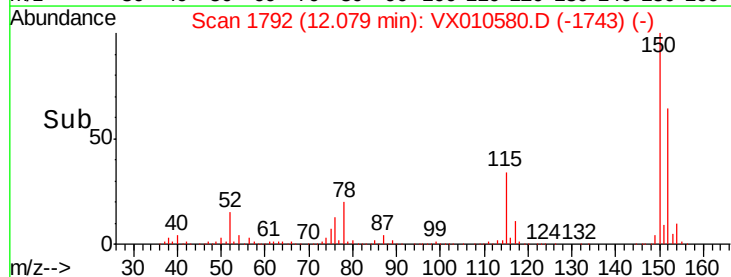
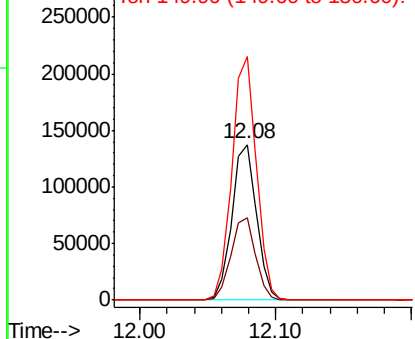


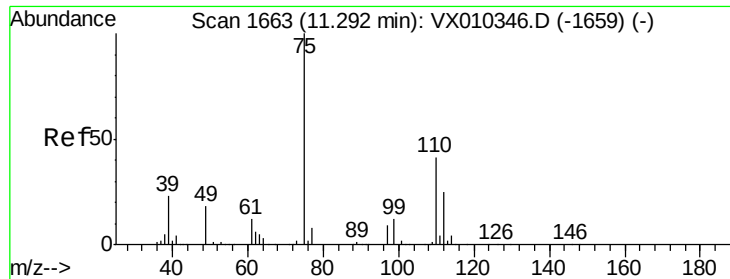
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010580.D
Acq: 01 Jul 2019 11:04

Tgt Ion:152 Resp: 172971
Ion Ratio Lower Upper
152 100
115 53.4 38.6 115.7
150 155.5 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

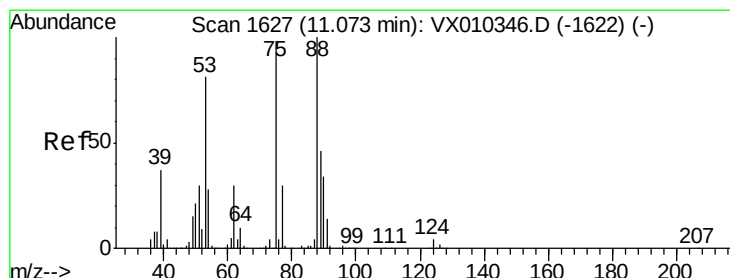
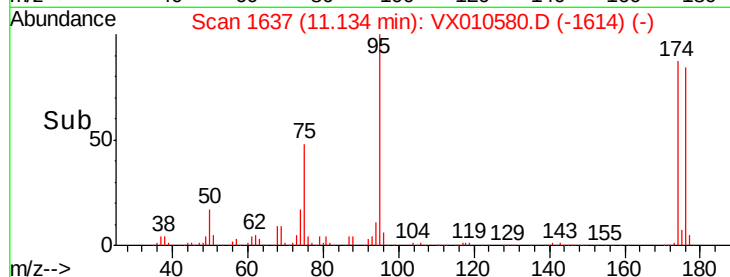
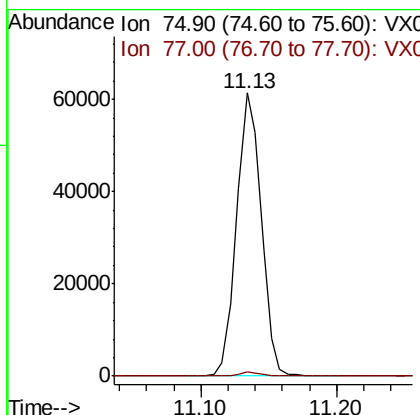
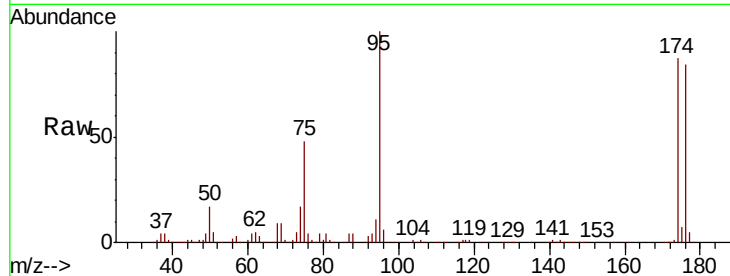




#76
 1,2,3-Trichloropropane
 Concen: 24.615 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190627

Tot Ion: 75 Resp: 77585
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.423 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010580.D
 Acq: 01 Jul 2019 11:04

Tgt Ion: 75 Resp: 77585
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.1 37.8 56.6#

