

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007176.D
 Acq On : 22 Jan 2019 12:49
 Operator : JC/SP
 Sample : K1215-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05-20190118

Quant Time: Jan 23 00:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	549313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	795878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	394722	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	293209	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	5.50	113	262051	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	1002766	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	365764	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	

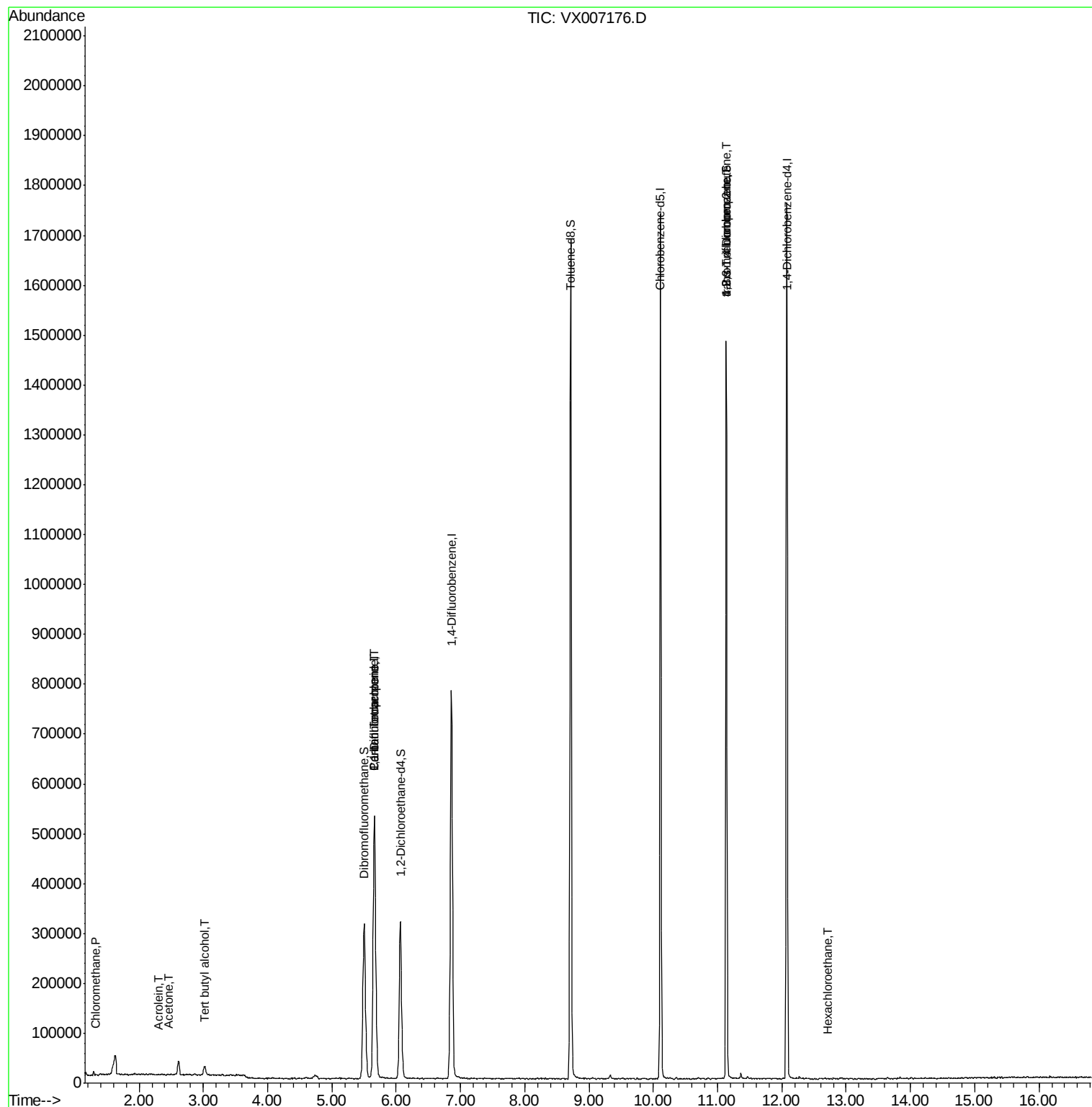
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1163	0.221	ug/l #	25
11) Tert butyl alcohol	3.03	59	10684	7.889	ug/l #	88
13) Acrolein	2.29	56	886	4.582	ug/l #	32
16) Acetone	2.45	43	1969	0.694	ug/l #	77
20) Methylene Chloride	2.85	84	715	Below Cal	#	46
36) 1,1-Dichloropropene	5.66	75	35549	4.876	ug/l #	48
38) Carbon Tetrachloride	5.66	117	49147	6.701	ug/l #	14
49) 1,4-Dioxane	7.74	88	134	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	175736	21.970	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	175736	65.069	ug/l #	10
90) Hexachloroethane	12.72	117	75	2.926	ug/l	96

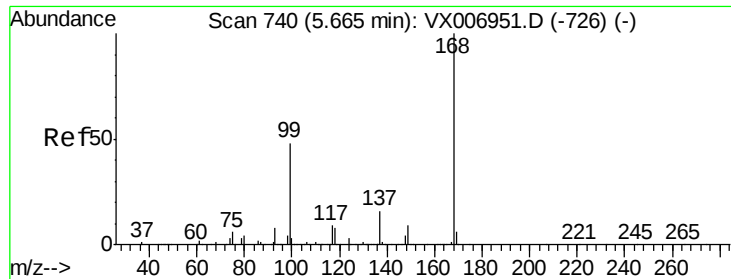
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

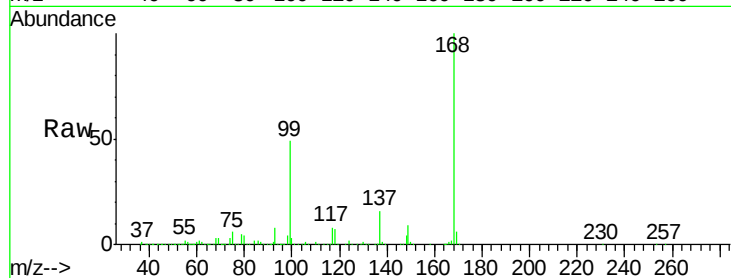
EB05-20190118

Tot Ion:168 Resp: 549313

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

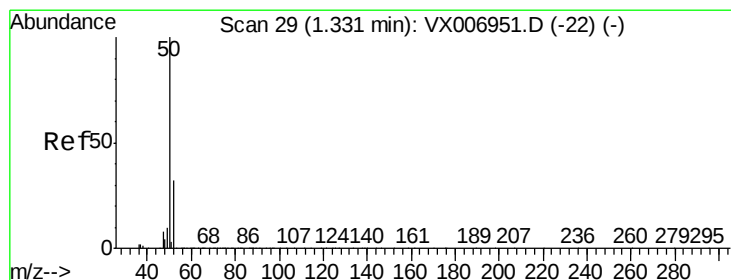
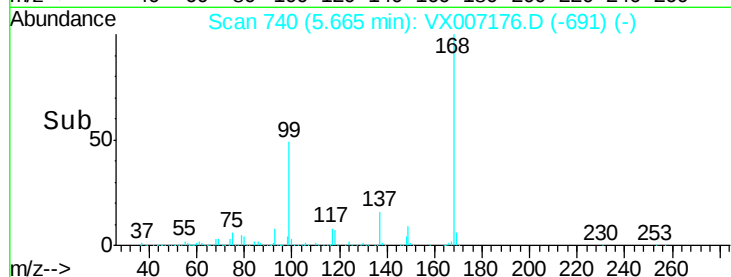
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007176.D

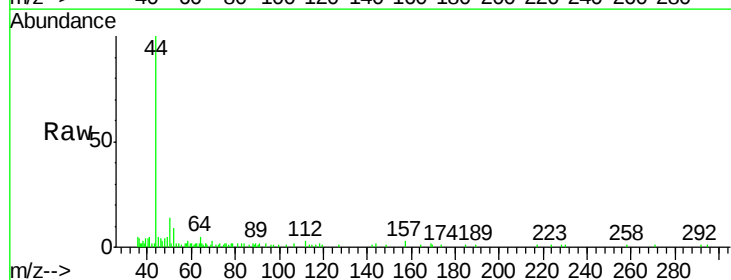
Acq: 22 Jan 2019 12:49

Tgt Ion: 50 Resp: 1163

Ion Ratio Lower Upper

50 100

52 73.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

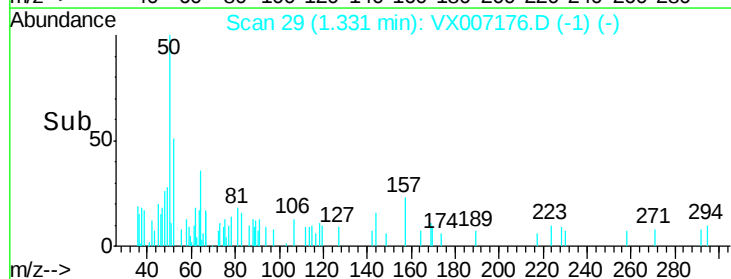
600

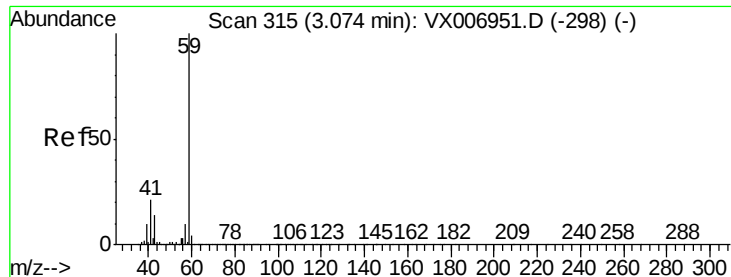
400

200

0

Time--> 1.30 1.35 1.40



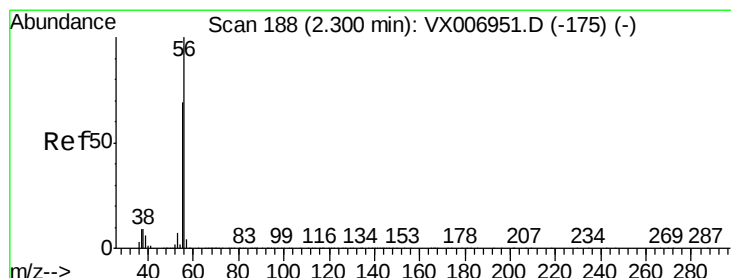
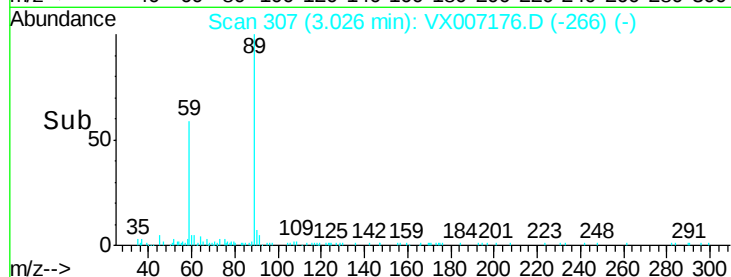
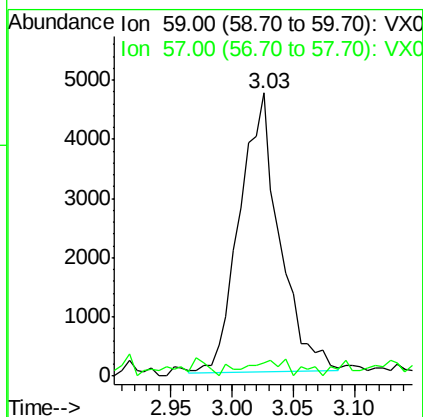
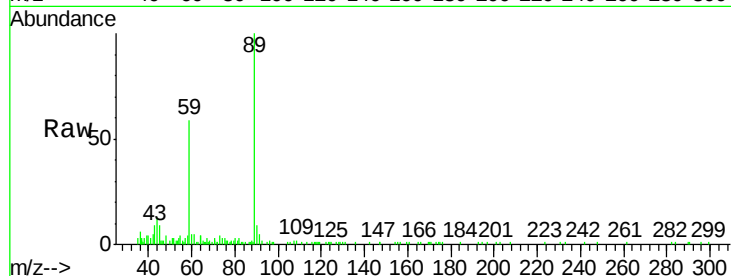


#11

Tert butvl alcohol
Concen: 7.889 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
EB05-20190118

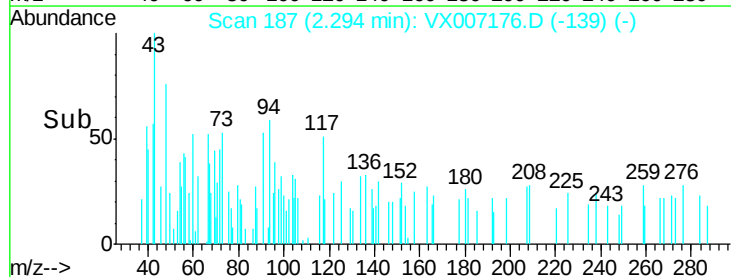
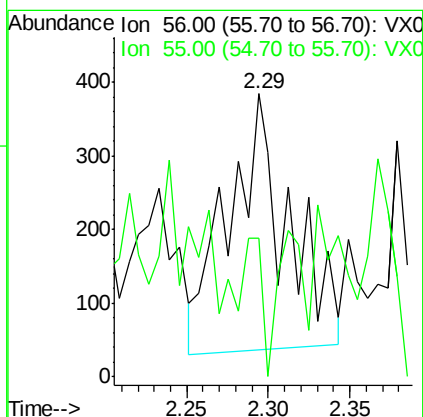
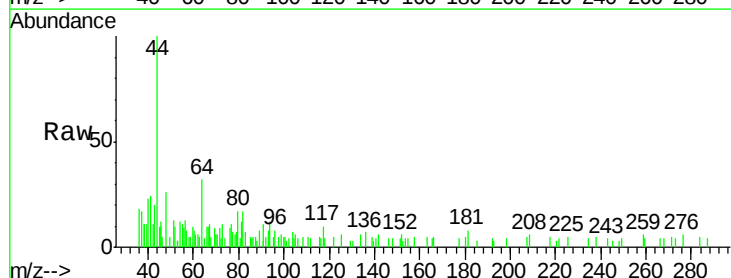
Tot Ion: 59 Resp: 10684
Ion Ratio Lower Upper
59 100
57 6.0 8.5 12.7#

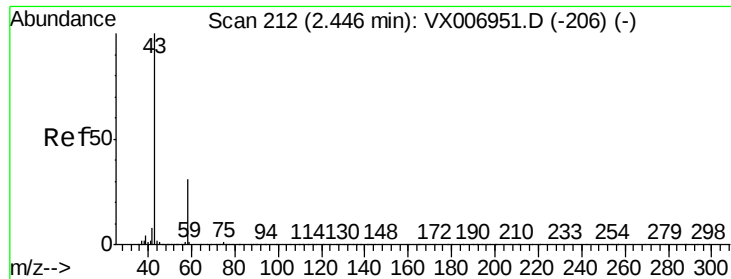


#13

Acrolein
Concen: 4.582 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

Tgt Ion: 56 Resp: 886
Ion Ratio Lower Upper
56 100
55 15.6 58.2 87.4#





#16

Acetone

Concen: 0.694 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

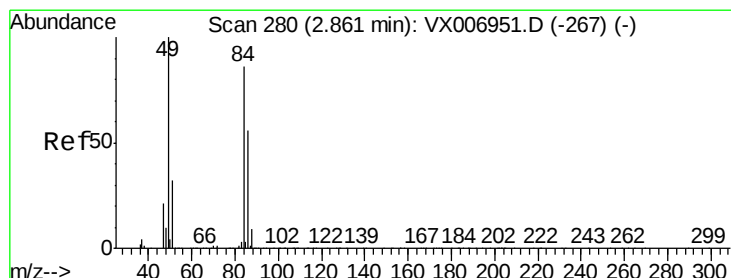
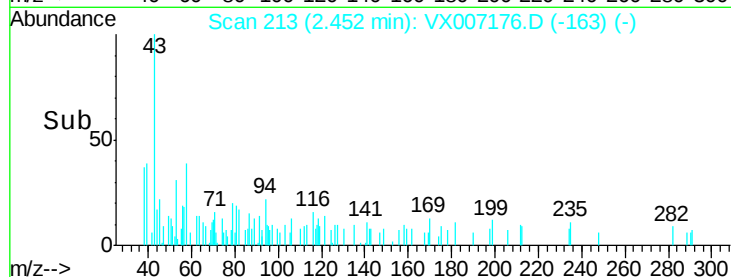
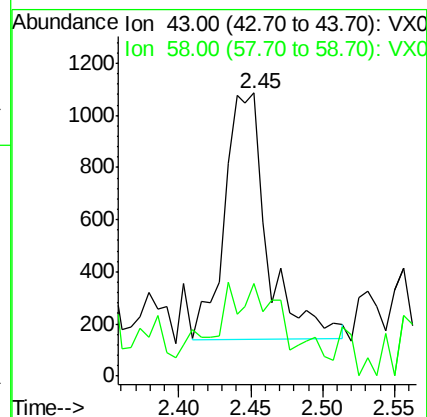
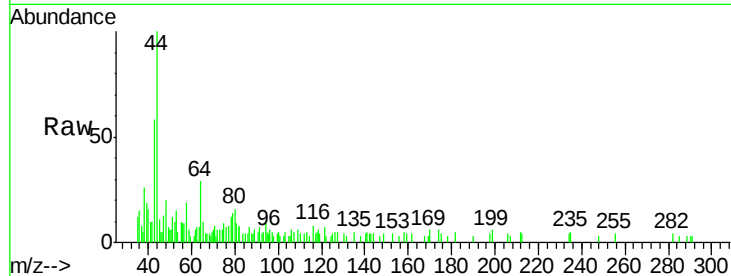
EB05-20190118

Tot Ion: 43 Resp: 1969

Ion Ratio Lower Upper

43 100

58 18.8 25.0 37.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Tgt Ion: 84 Resp: 715

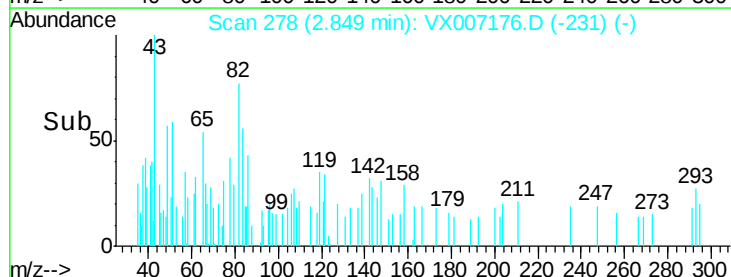
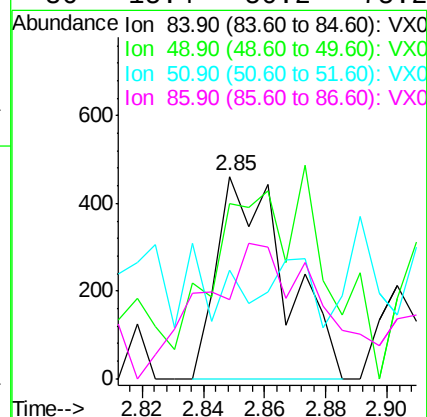
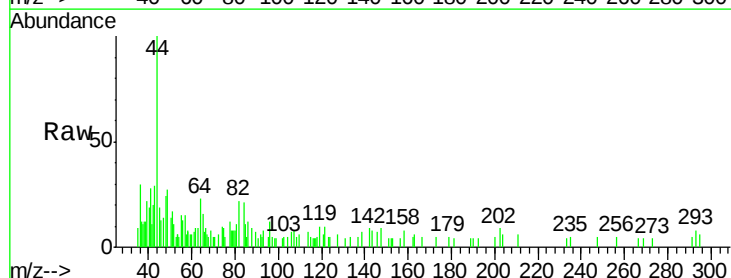
Ion Ratio Lower Upper

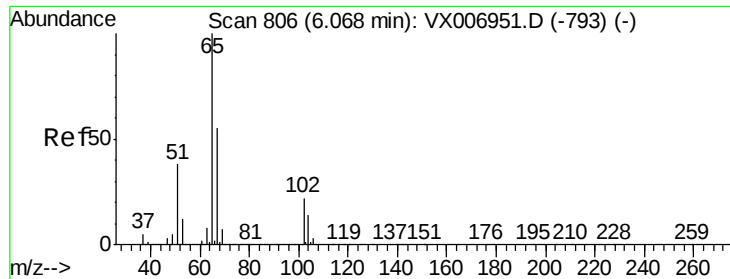
84 100

49 55.5 91.8 137.6#

51 13.0 28.5 42.7#

86 15.4 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 51.075 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

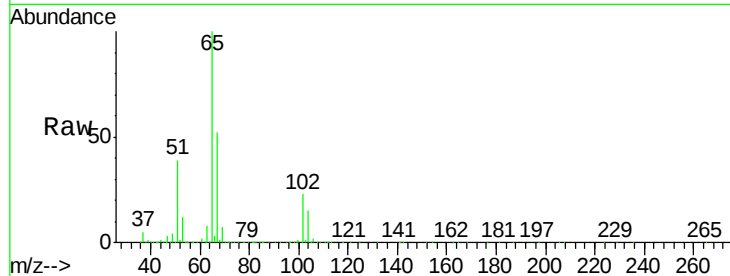
EB05-20190118

Tot Ion: 65 Resp: 293209

Ion Ratio Lower Upper

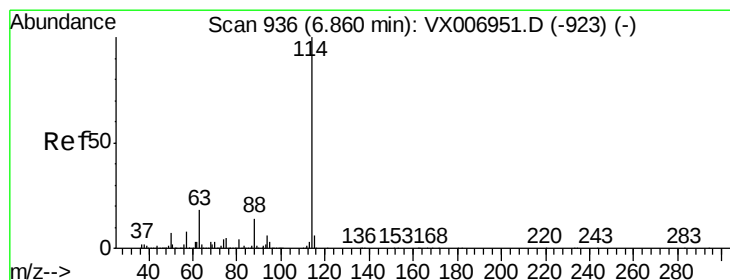
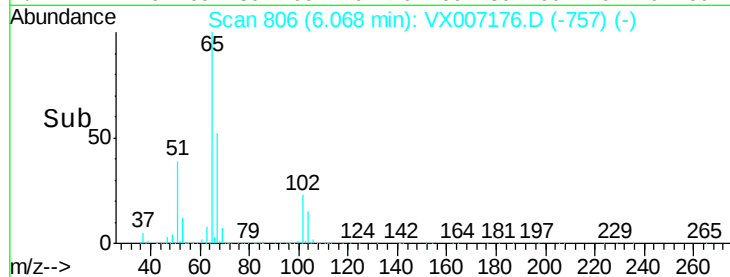
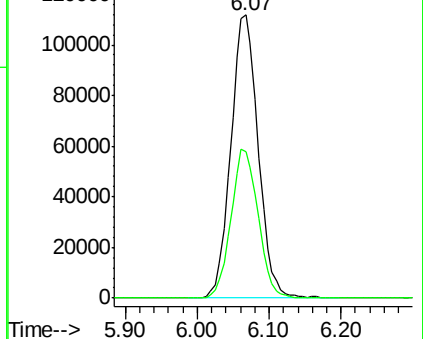
65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

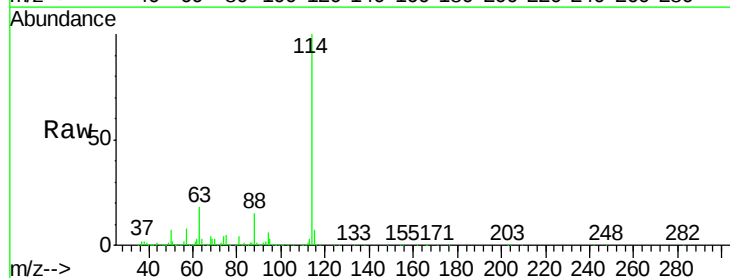
Tgt Ion: 114 Resp: 838493

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

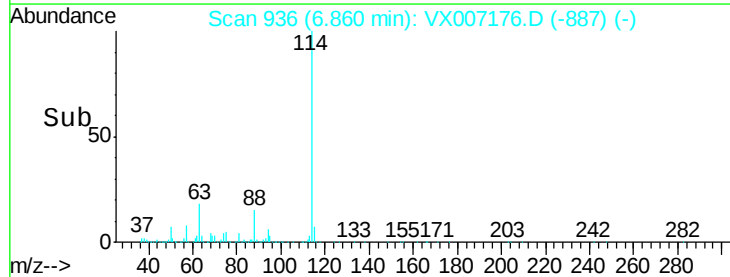
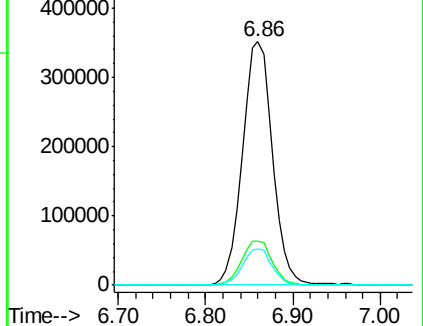
88 15.1 0.0 28.8

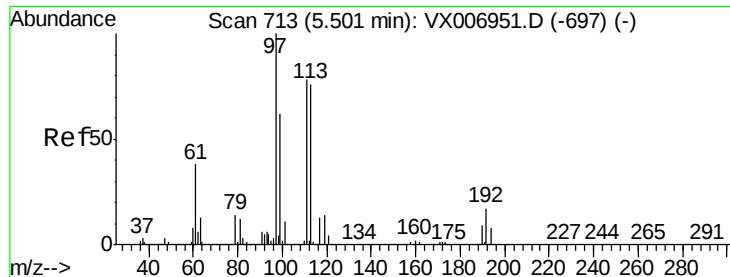


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.802 ug/l

RT: 5.50 min Scan# 713

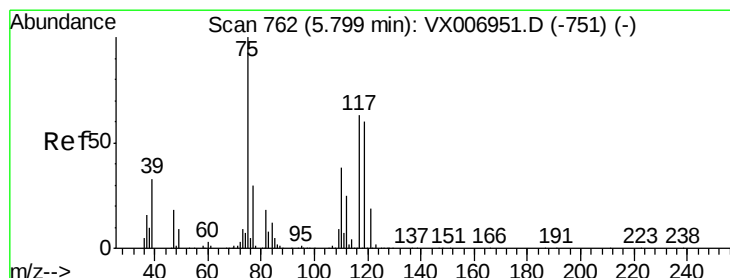
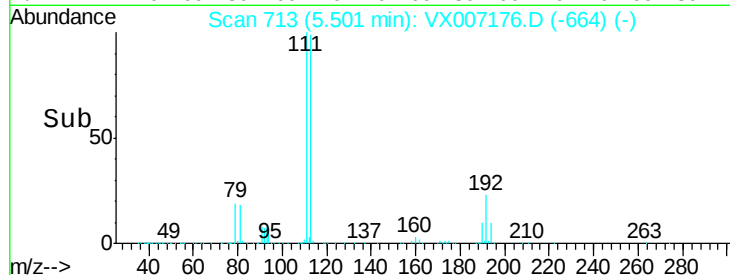
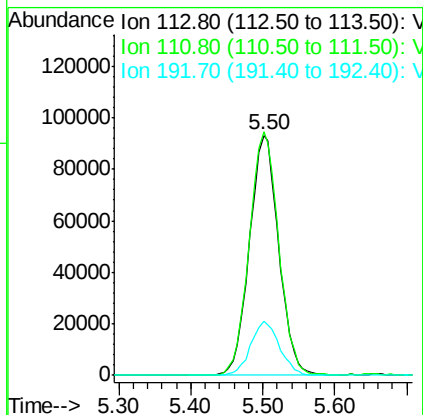
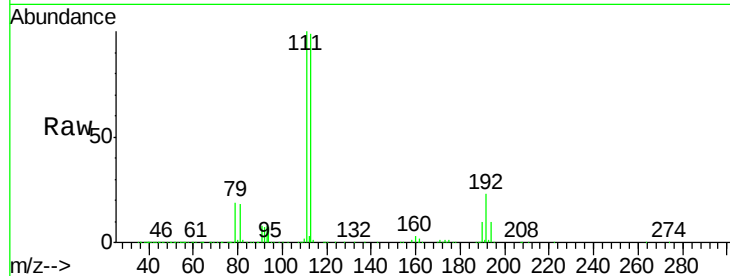
Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
EB05-20190118

Tot Ion:113	Resp:	262051
Ion	Ratio	Lower Upper
113	100	
111	102.5	81.6 122.4
192	22.3	16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.876 ug/l

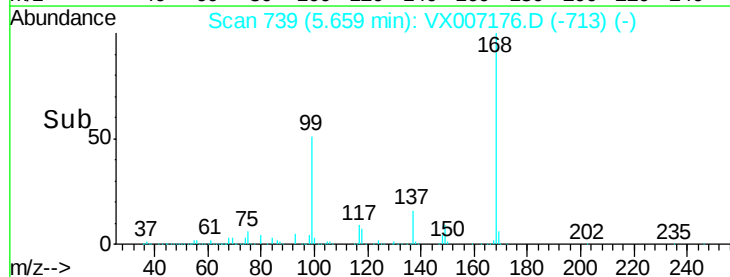
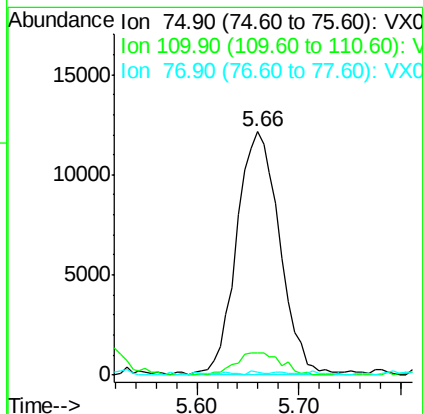
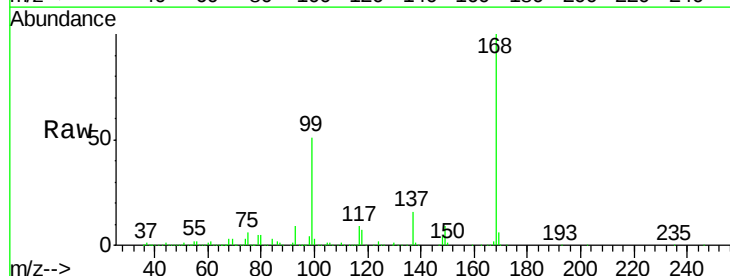
RT: 5.66 min Scan# 739

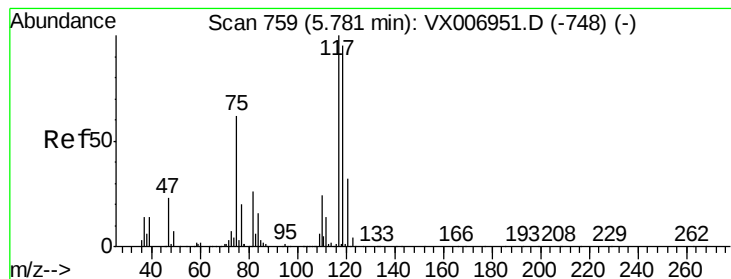
Delta R.T. -0.14 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Tgt Ion: 75	Resp:	35549
Ion	Ratio	Lower Upper
75	100	
110	9.9	20.2 60.5#
77	0.5	24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.701 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

EB05-20190118

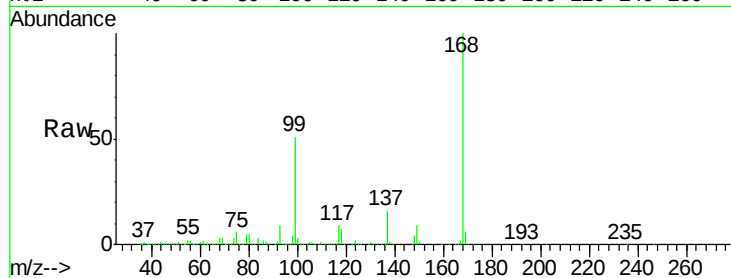
Tot Ion:117 Resp: 49147

Ion Ratio Lower Upper

117 100

119 3.9 79.4 119.2#

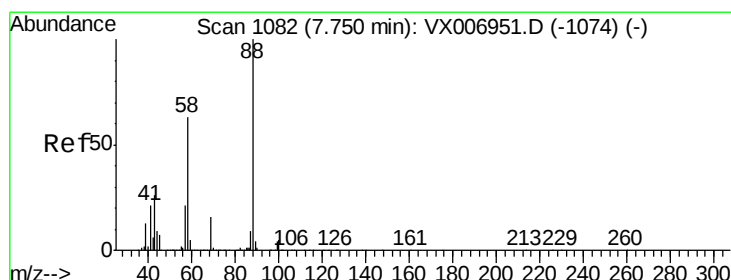
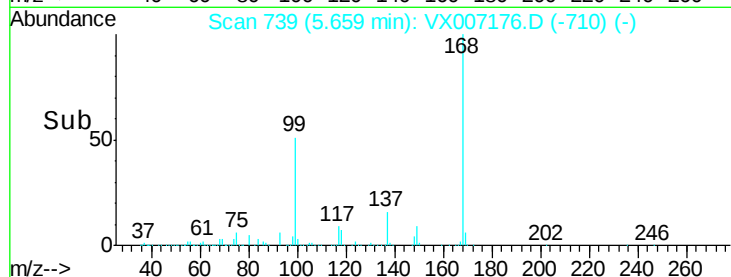
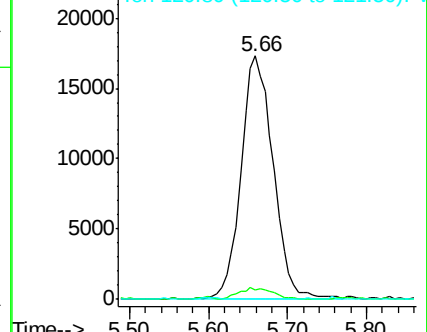
121 0.0 24.0 36.0#



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: Below Cal

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

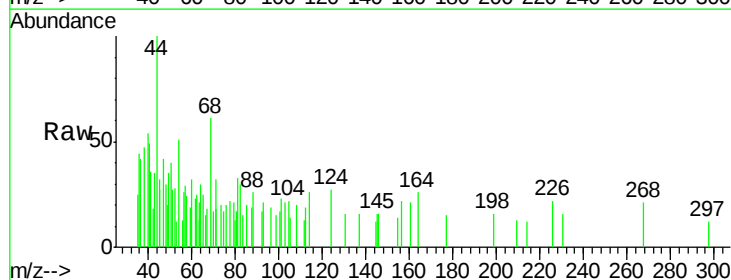
Tgt Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 314.2 22.2 33.4#

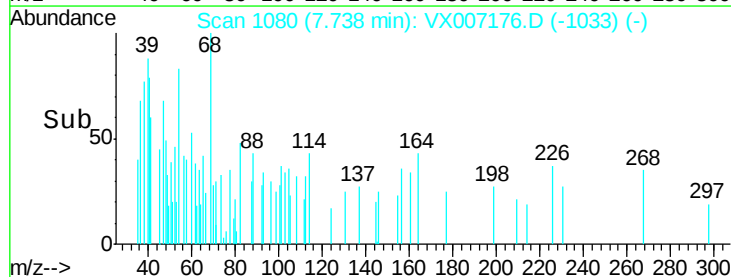
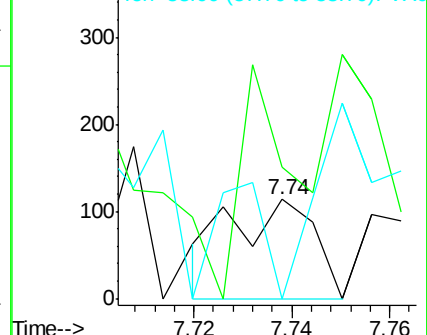
58 129.1 51.0 76.4#

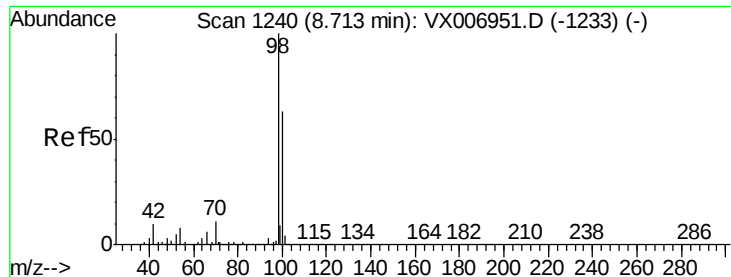


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.019 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

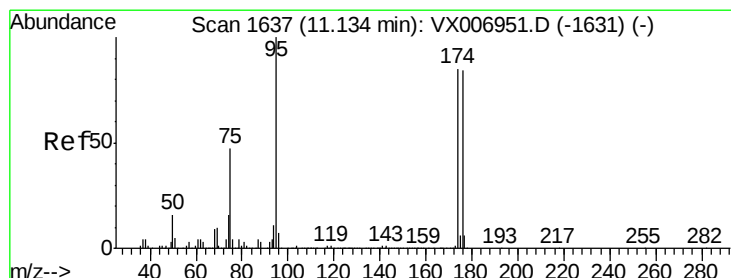
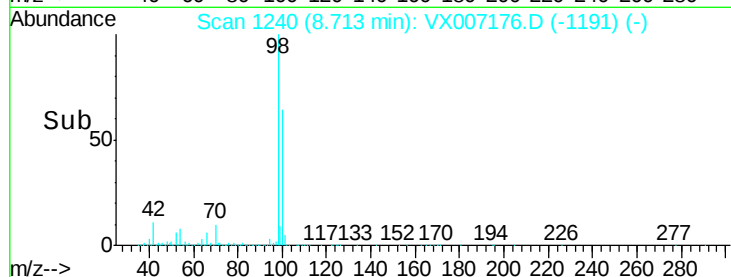
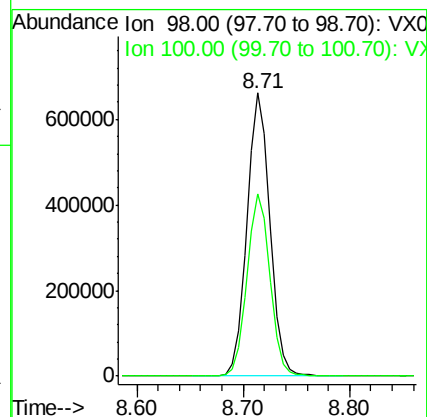
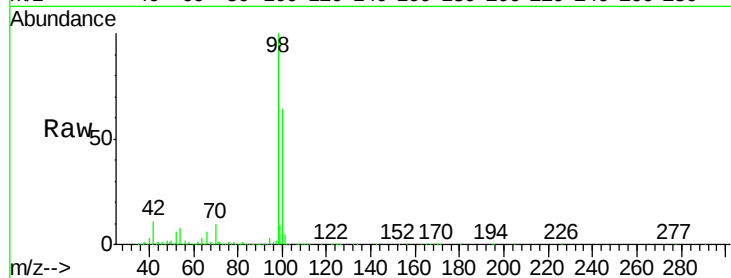
EB05-20190118

Tot Ion: 98 Resp: 1002766

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.380 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

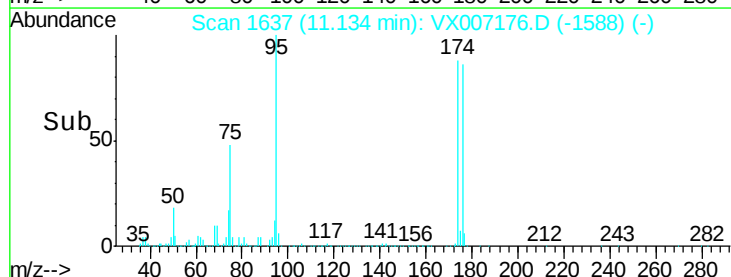
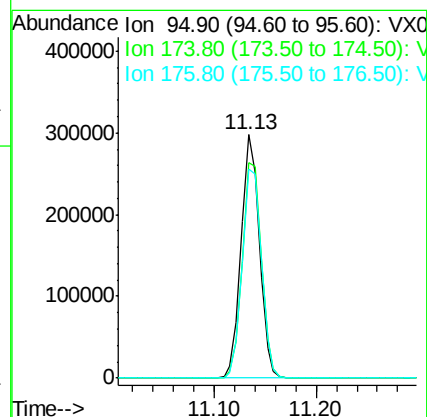
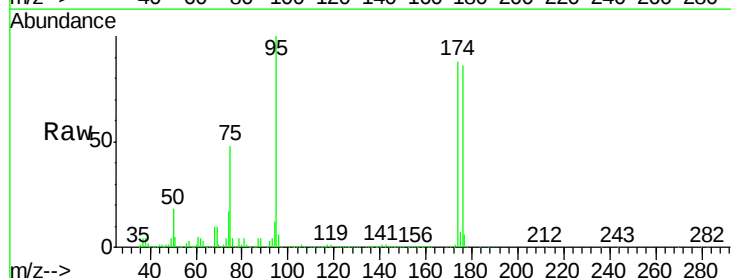
Tgt Ion: 95 Resp: 365764

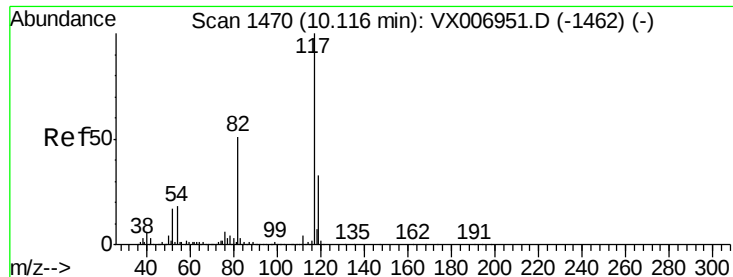
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 90.7 0.0 178.8

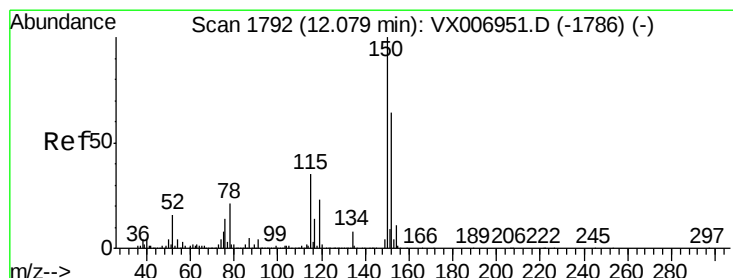
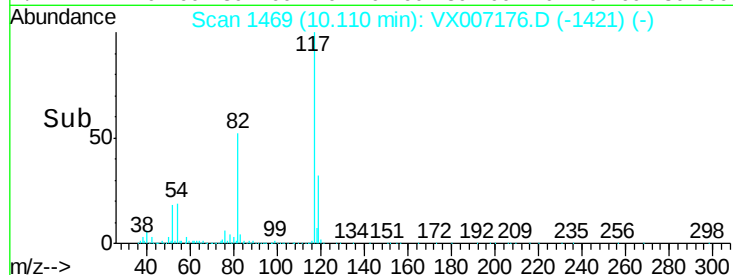
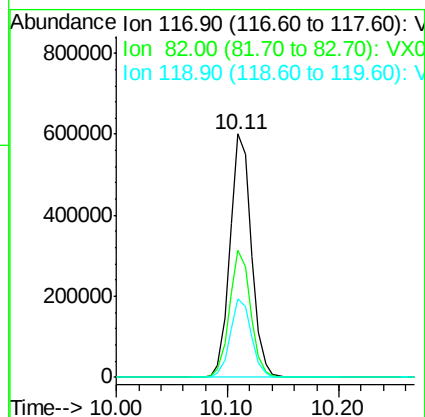
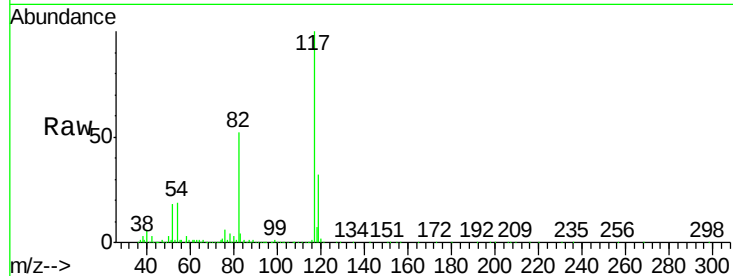




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

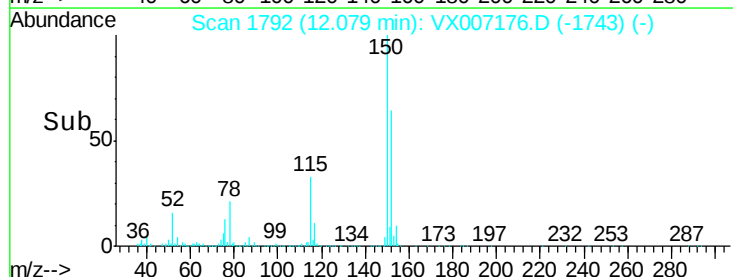
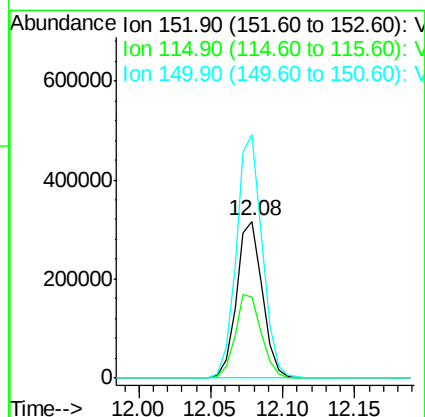
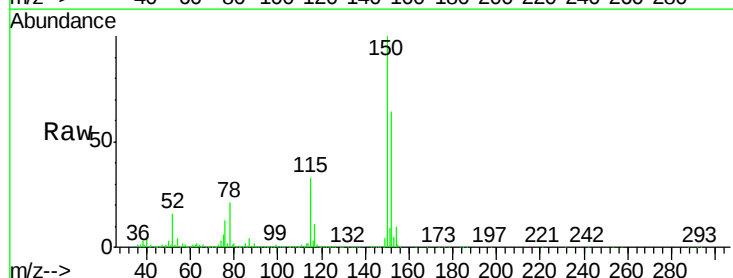
Instrument :
MSVOA_X
ClientSampleId :
EB05-20190118

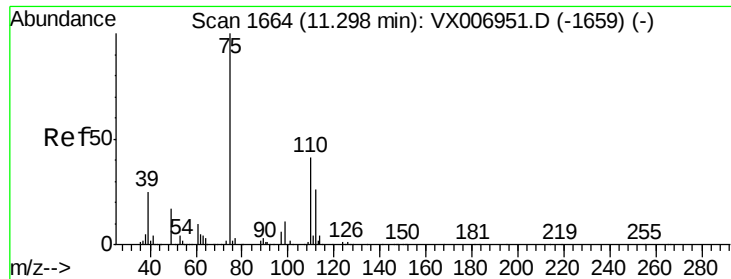
Tot Ion:117 Resp: 795878
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

Tgt Ion:152 Resp: 394722
Ion Ratio Lower Upper
152 100
115 54.5 39.1 117.2
150 156.0 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 21.970 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

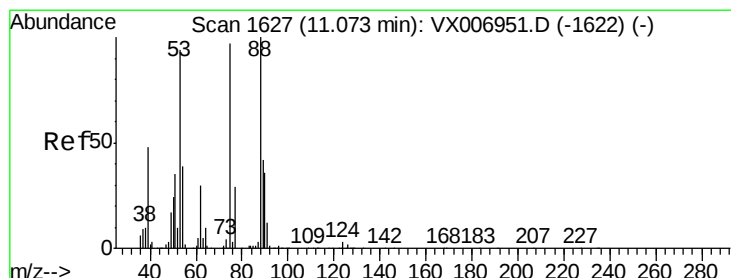
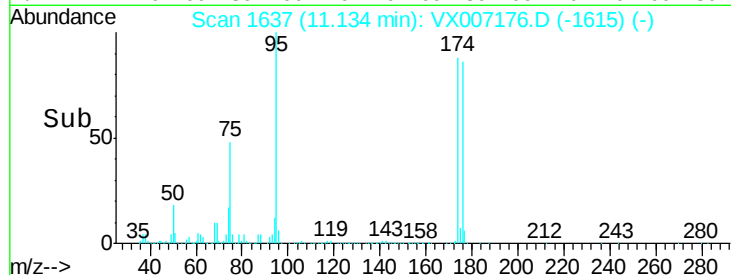
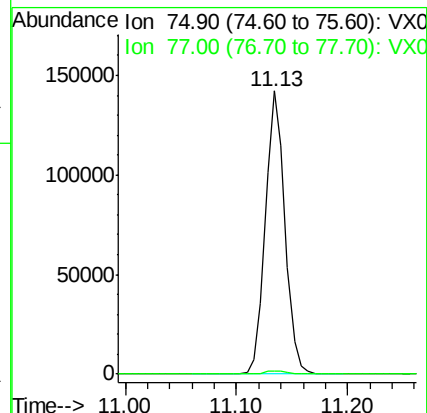
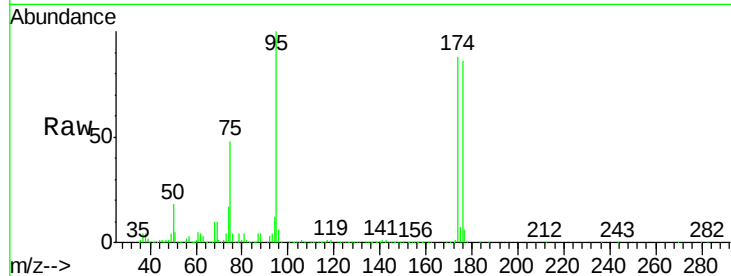
EB05-20190118

Tot Ion: 75 Resp: 175736

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.069 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

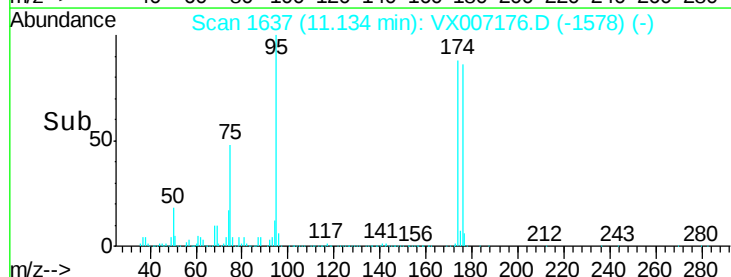
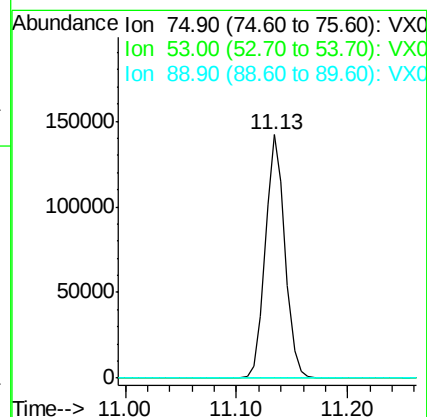
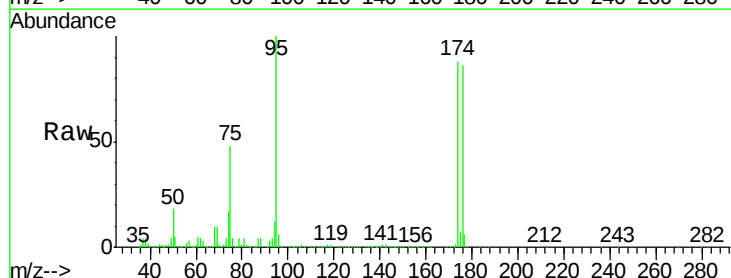
Tgt Ion: 75 Resp: 175736

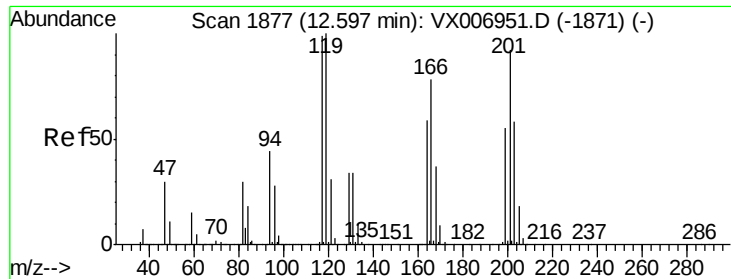
Ion Ratio Lower Upper

75 100

53 0.4 79.7 119.5#

89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 2.926 ug/l

RT: 12.72 min Scan# 1897

Delta R.T. 0.12 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

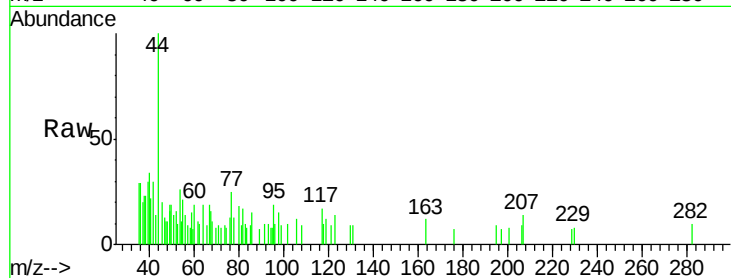
EB05-20190118

Tot Ion:117 Resp: 75

Ion Ratio Lower Upper

117 100

201 89.3 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

