

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006353.D
 Acq On : 07 Dec 2018 17:51
 Operator : JC/MD
 Sample : J6019-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120618

Quant Time: Dec 08 00:12:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	789299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1203545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1085611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	521803	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	397220	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	370273	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	8.71	98	1400102	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	517837	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	

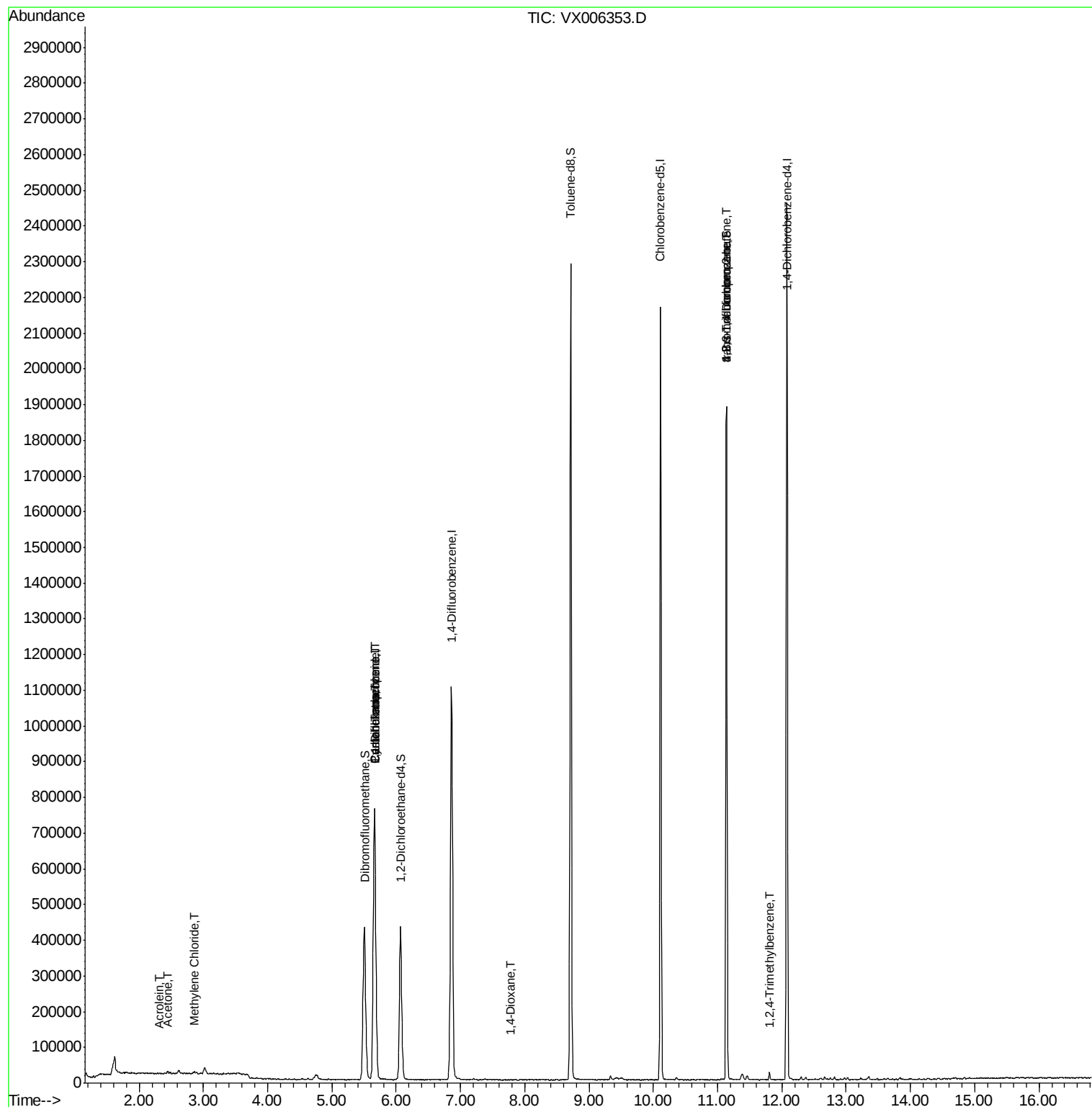
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	470	0.390	ug/l	86
16) Acetone	2.44	43	5852	1.548	ug/l #	78
20) Methylene Chloride	2.86	84	3256	0.405	ug/l #	80
31) Cyclohexane	5.67	56	11709	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	50090	4.942	ug/l #	48
38) Carbon Tetrachloride	5.66	117	72037	6.042	ug/l #	16
49) 1,4-Dioxane	7.77	88	53	0.234	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	235152	23.348	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	235152	54.791	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	10549	0.341	ug/l	97

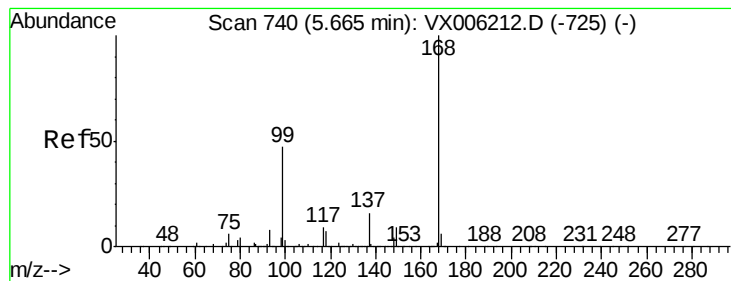
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
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Acq On : 07 Dec 2018 17:51
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Quant Time: Dec 08 00:12:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

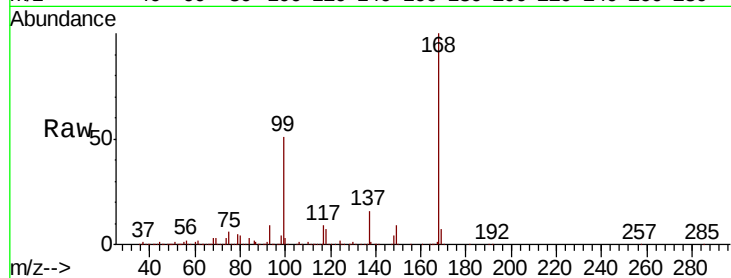
FB-120618

Tot Ion:168 Resp: 789299

Ion Ratio Lower Upper

168 100

99 51.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

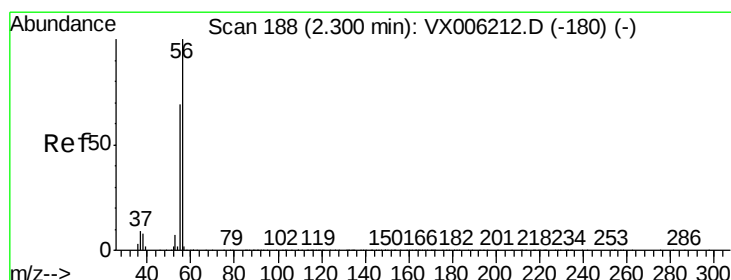
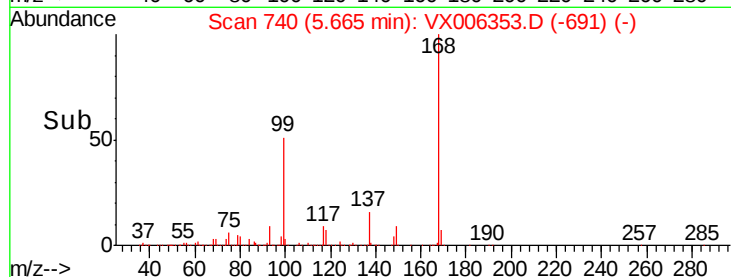
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 0.390 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006353.D

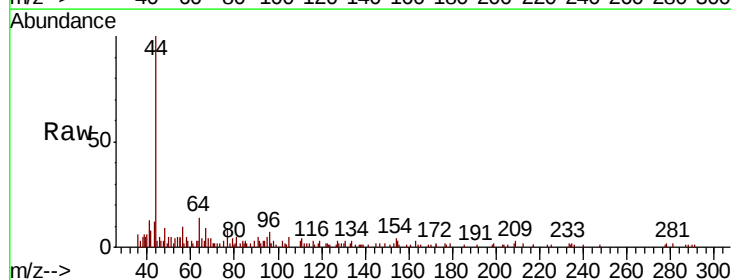
Acq: 07 Dec 2018 17:51

Tgt Ion: 56 Resp: 470

Ion Ratio Lower Upper

56 100

55 60.9 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

800

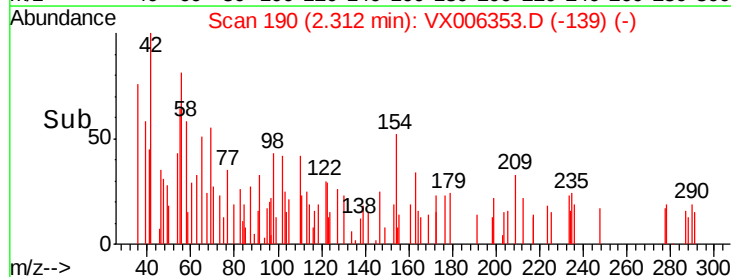
600

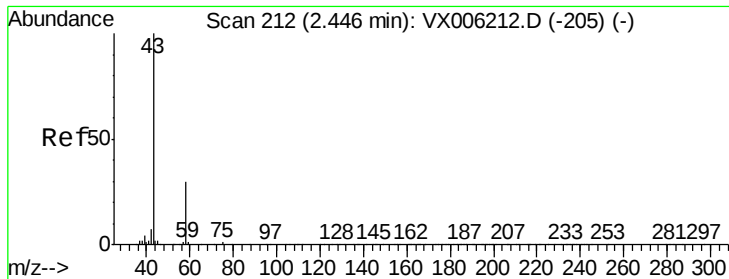
400

200

0

Time--> 2.28 2.30 2.32 2.34





#16

Acetone

Concen: 1.548 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

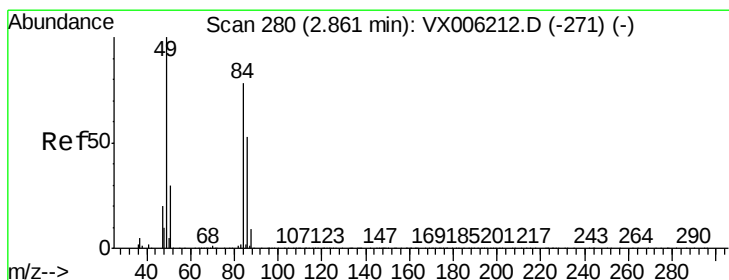
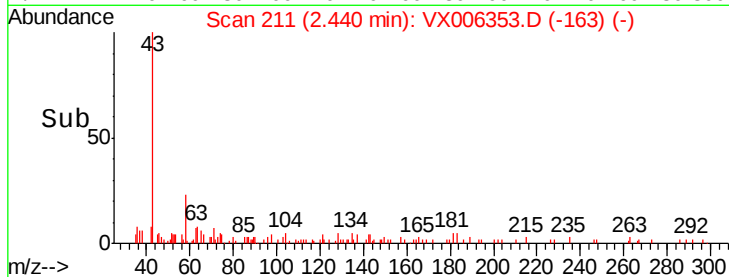
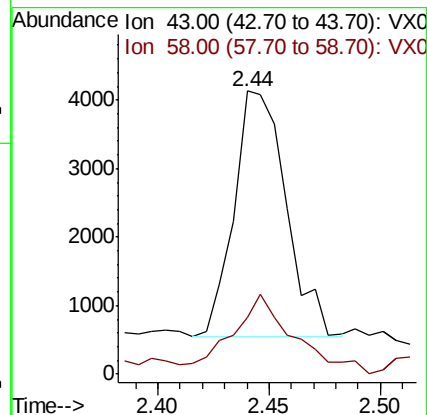
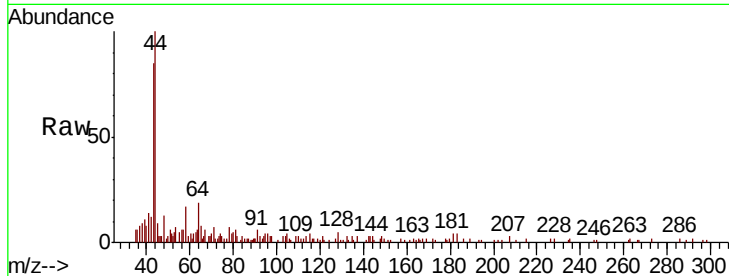
FB-120618

Tot Ion: 43 Resp: 5852

Ion Ratio Lower Upper

43 100

58 18.2 24.0 36.0#



#20

Methylene Chloride

Concen: 0.405 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Tgt Ion: 84 Resp: 3256

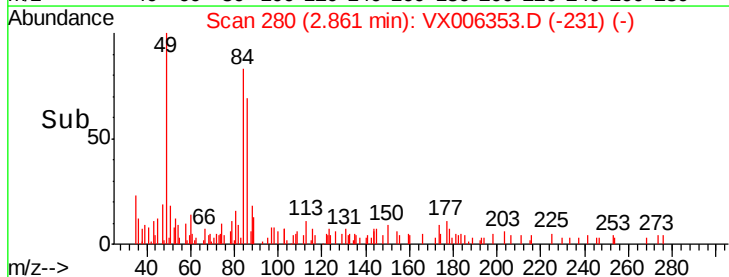
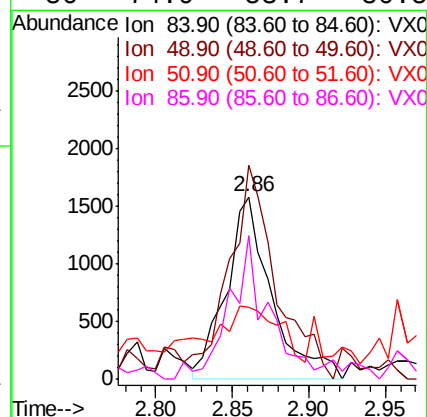
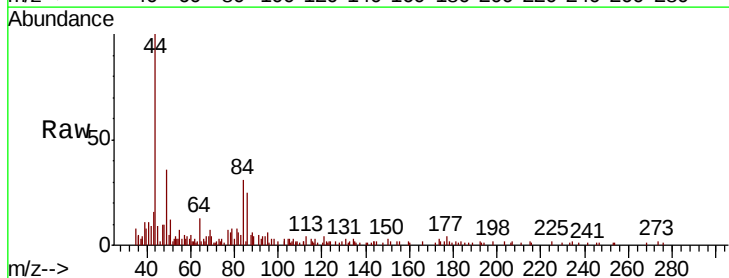
Ion Ratio Lower Upper

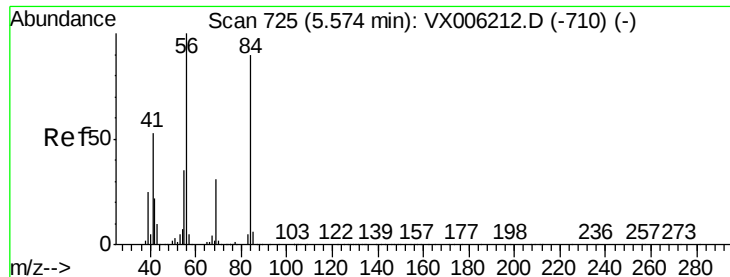
84 100

49 103.9 102.2 153.4

51 17.1 31.1 46.7#

86 74.9 53.7 80.5

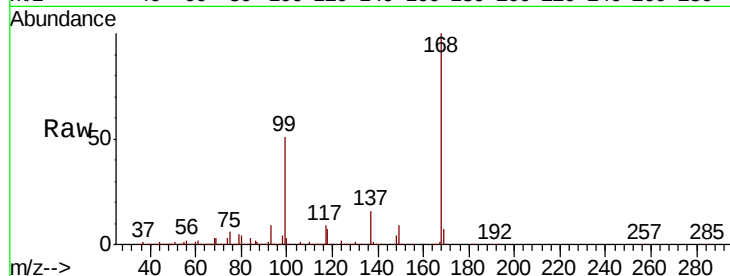




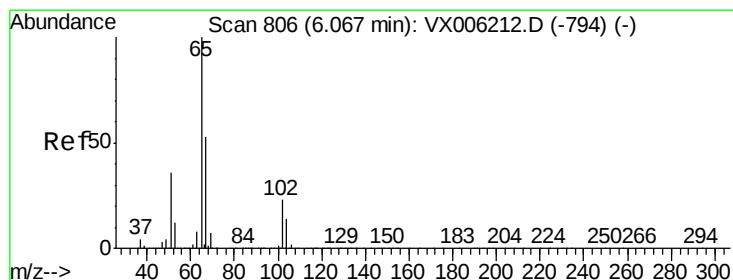
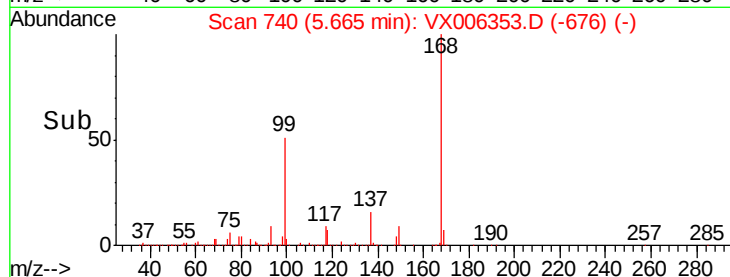
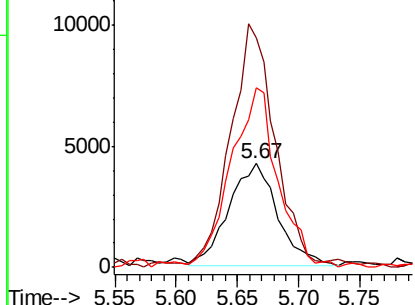
#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
FB-120618

Tot Ion: 56 Resp: 11709
Ion Ratio Lower Upper
56 100
69 222.4 24.5 36.7#
84 176.7 71.8 107.6#

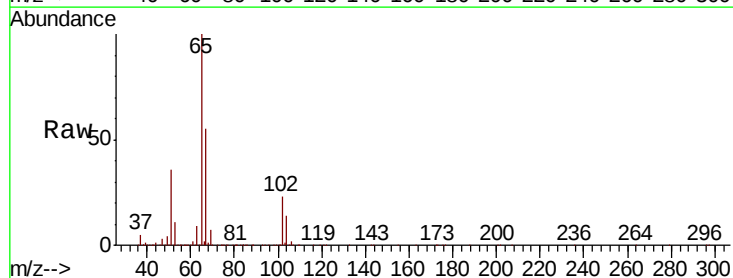


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

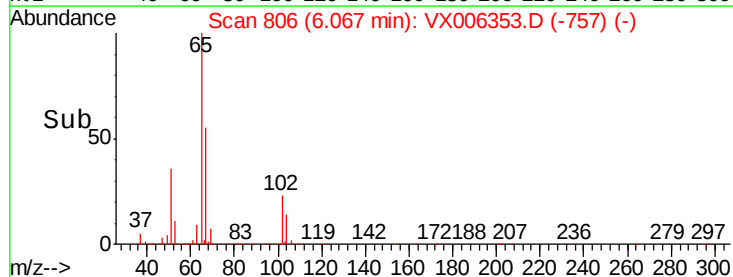
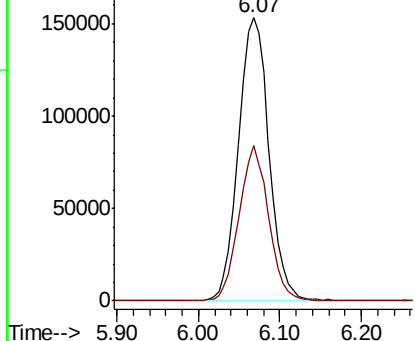


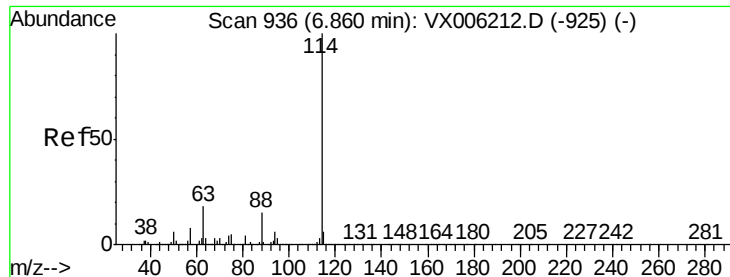
#33
1,2-Dichloroethane-d4
Concen: 49.298 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

Tgt Ion: 65 Resp: 397220
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



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: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

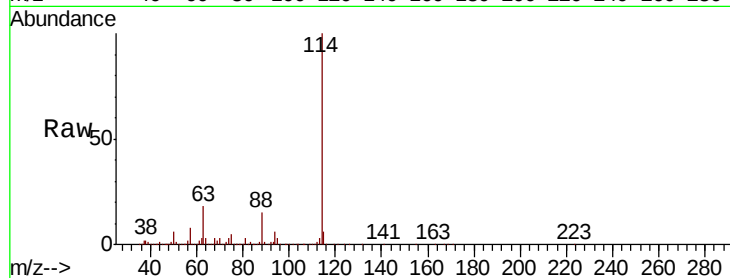
Tot Ion:114 Resp: 1203545

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

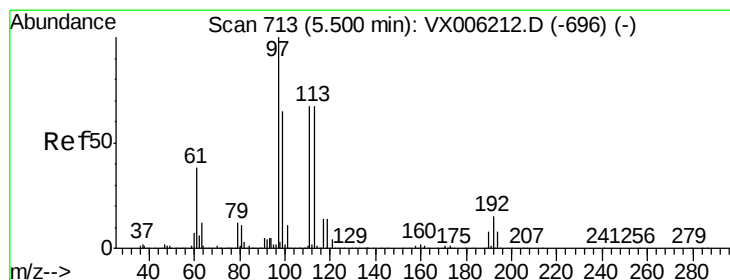
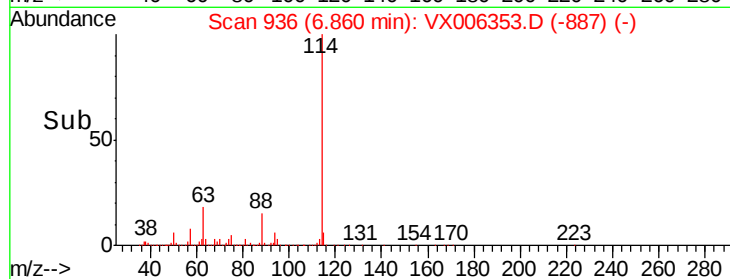
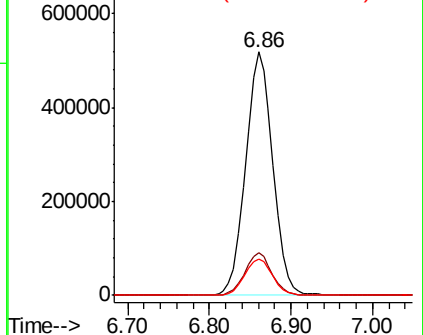
88 15.0 0.0 29.0



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: 47.517 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

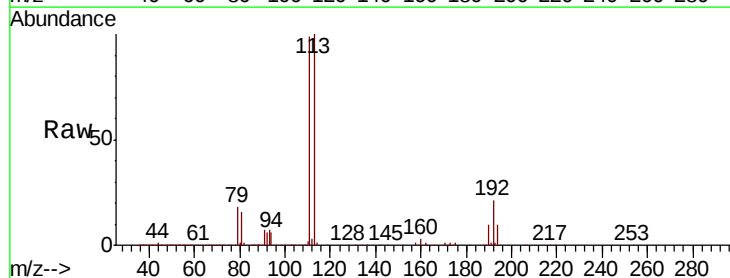
Tgt Ion:113 Resp: 370273

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

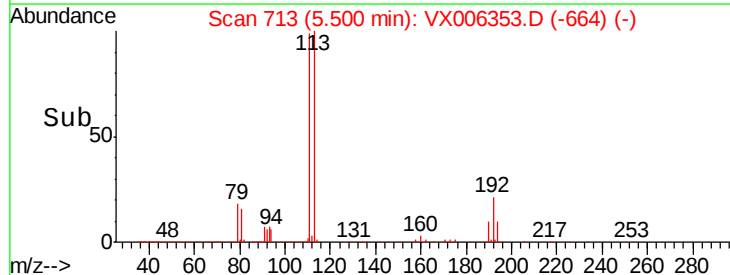
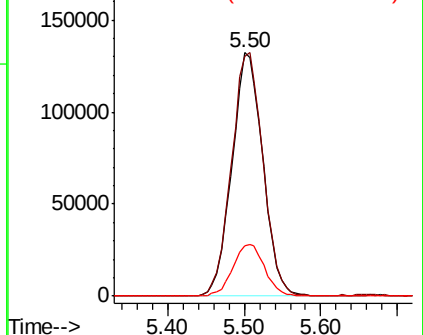
192 21.8 18.2 27.2

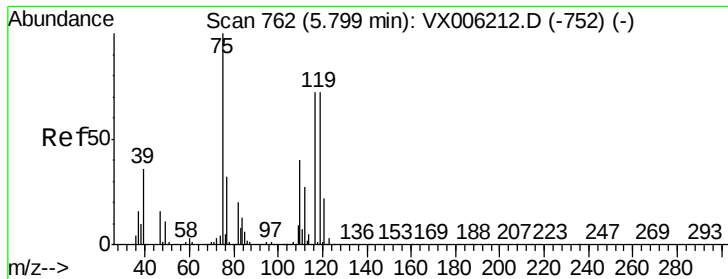


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.942 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

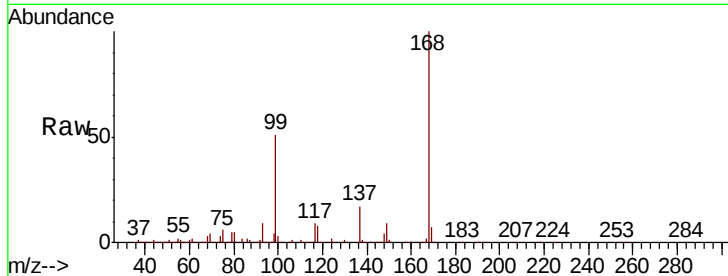
Tot Ion: 75 Resp: 50090

Ion Ratio Lower Upper

75 100

110 9.3 20.4 61.3#

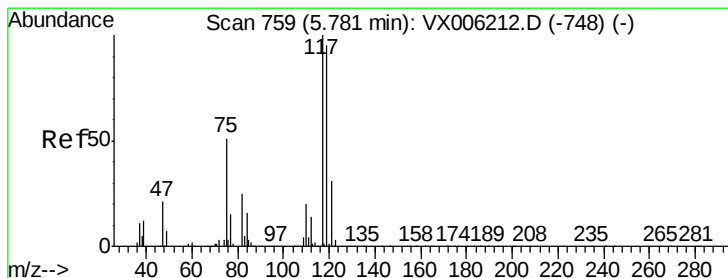
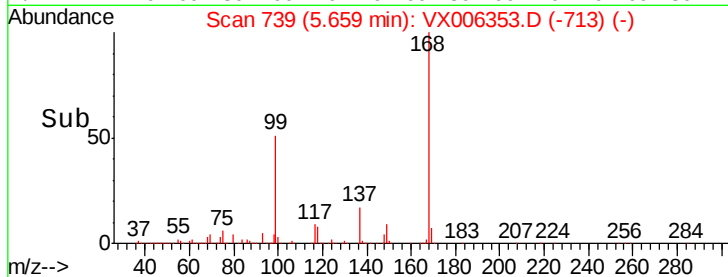
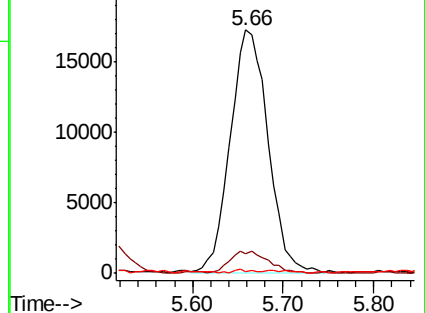
77 0.8 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

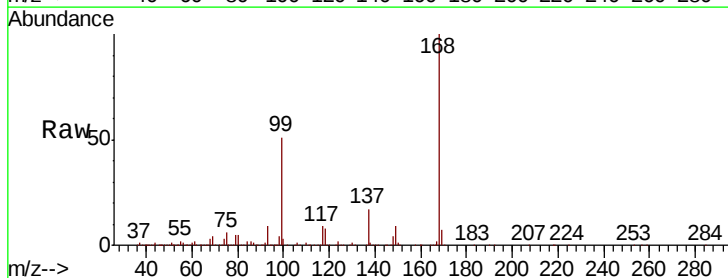
Tgt Ion: 117 Resp: 72037

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

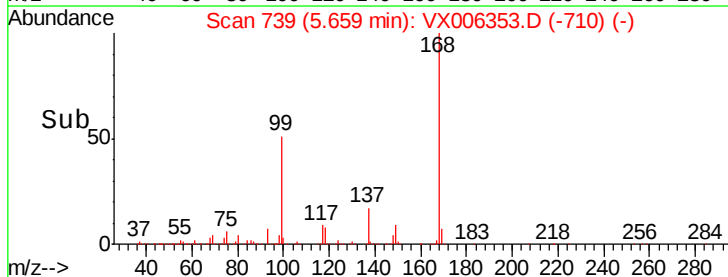
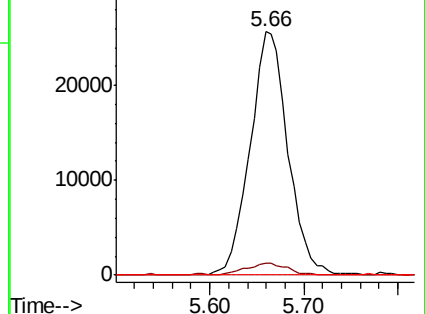
121 0.0 24.6 37.0#

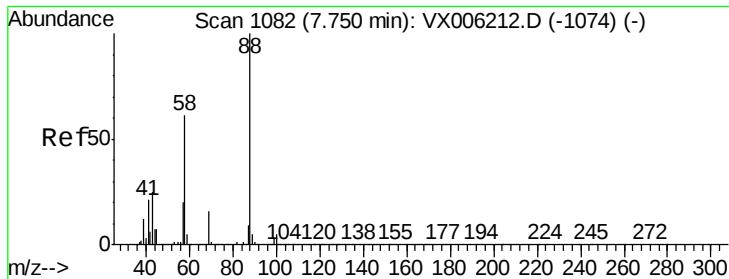


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

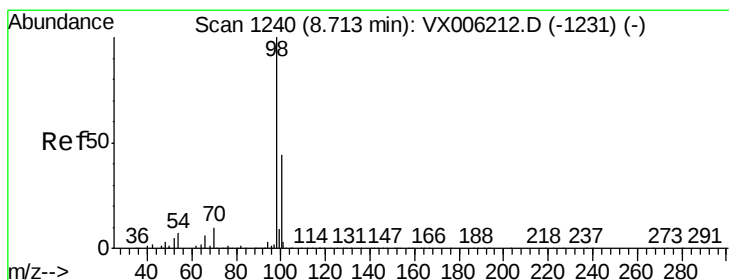
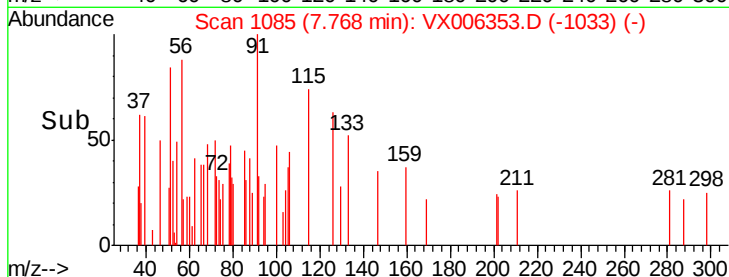
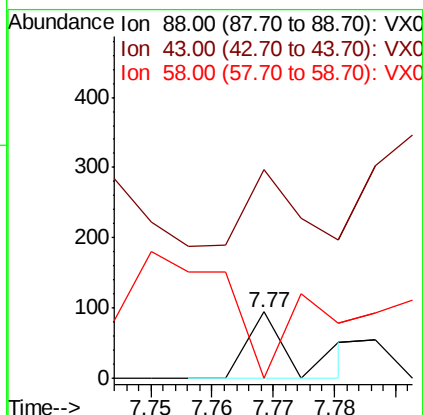
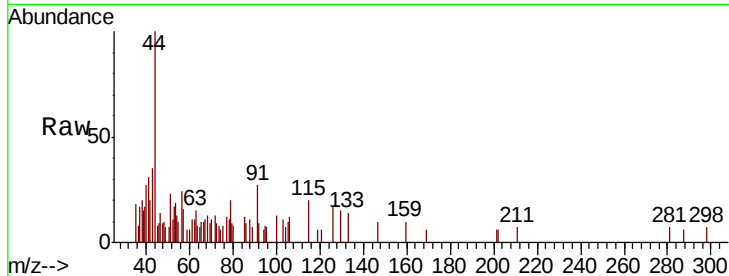




#49
1,4-Dioxane
Concen: 0.234 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

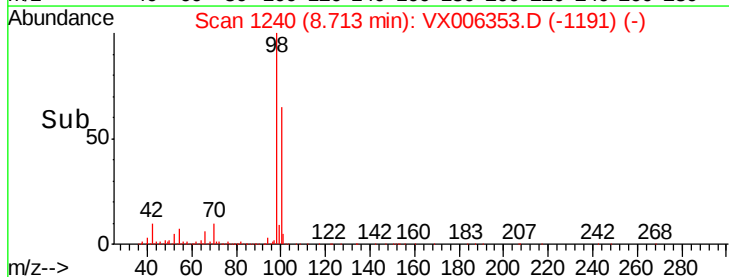
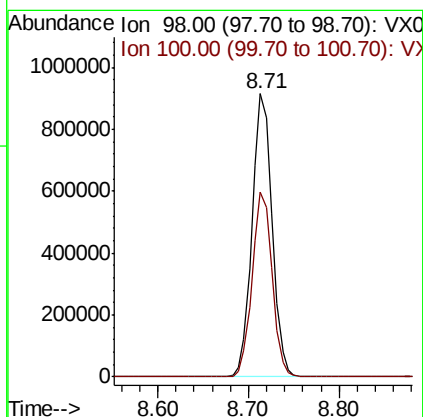
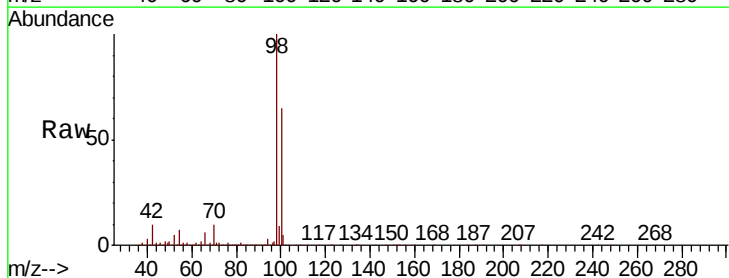
Instrument :
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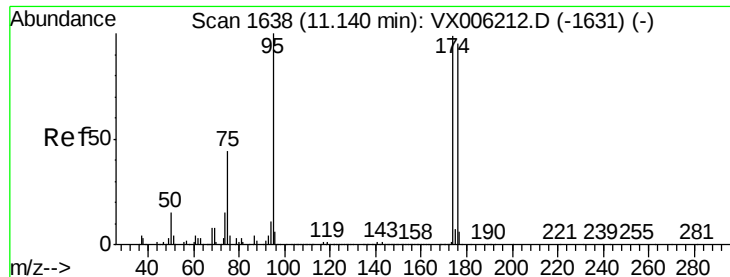
Tot Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 175.5 23.2 34.8#
58 0.0 51.4 77.0#



#50
Toluene-d8
Concen: 49.396 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

Tgt Ion: 98 Resp: 1400102
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

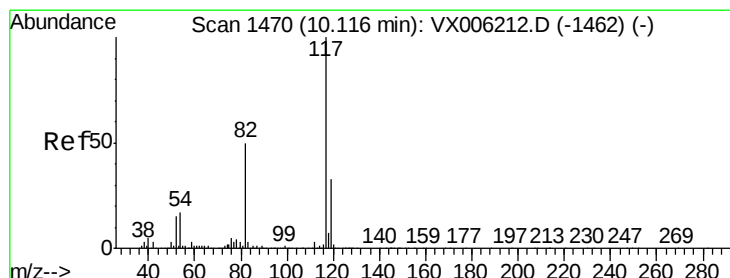
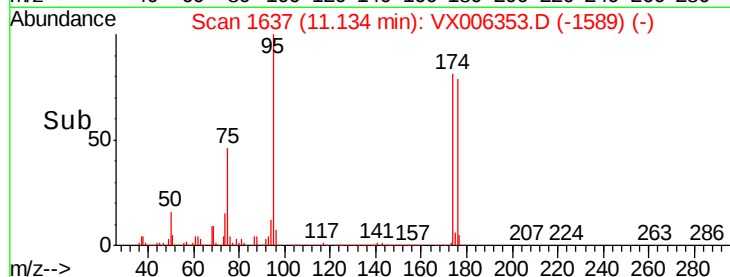
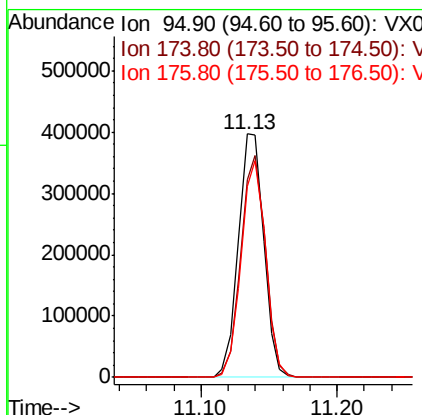
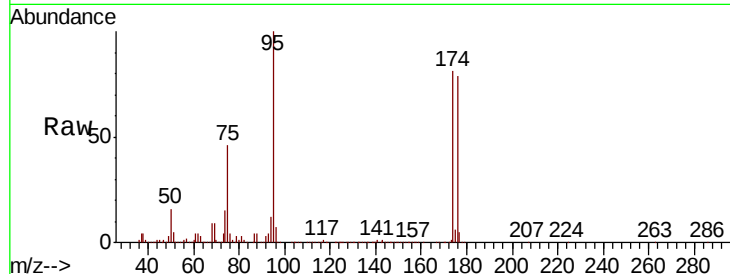




#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

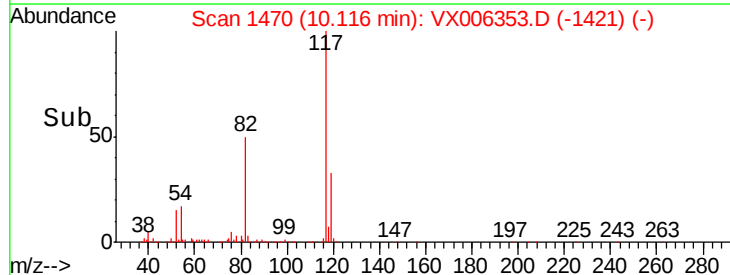
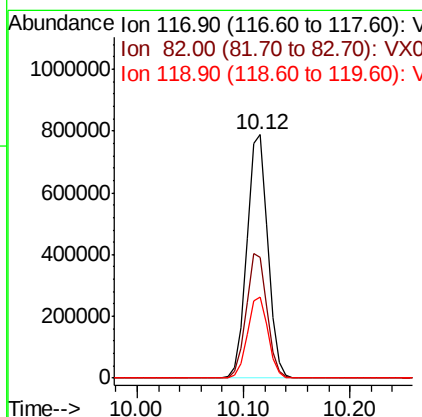
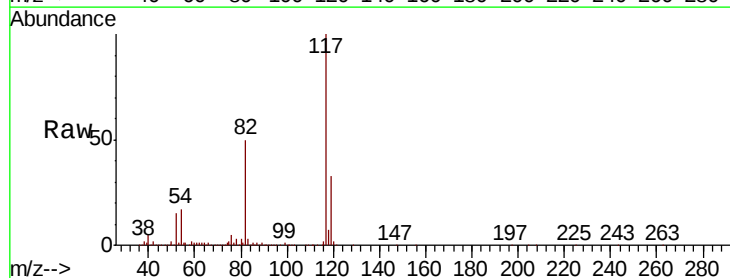
Instrument :
MSVOA_X
ClientSampled :
FB-120618

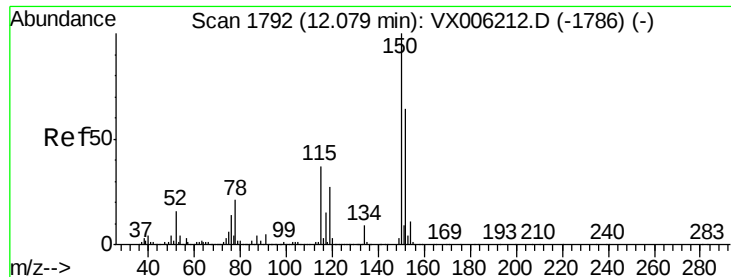
Tot Ion: 95 Resp: 517837
Ion Ratio Lower Upper
95 100
174 88.8 0.0 187.0
176 85.9 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006353.D
Acq: 07 Dec 2018 17:51

Tgt Ion: 117 Resp: 1085611
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 33.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

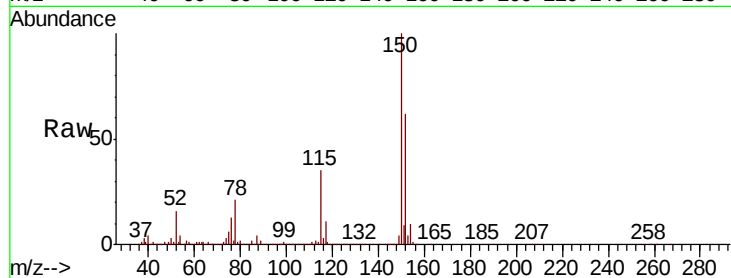
Tot Ion:152 Resp: 521803

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

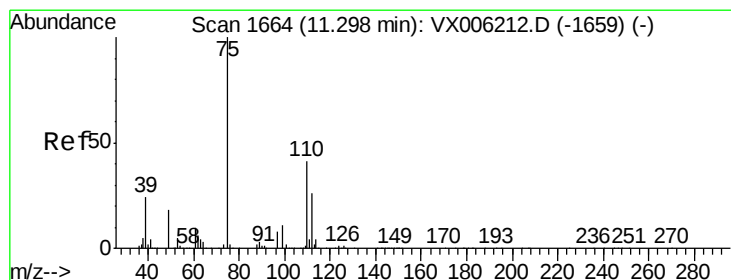
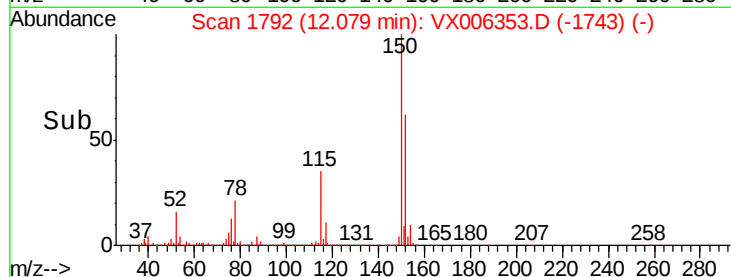
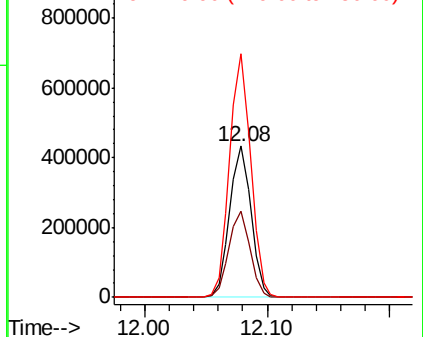
150 159.7 0.0 345.8



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: 23.348 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006353.D

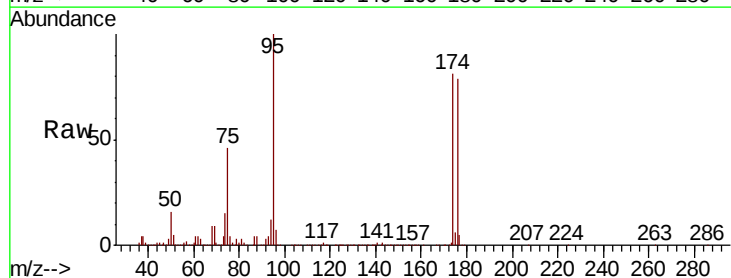
Acq: 07 Dec 2018 17:51

Tgt Ion: 75 Resp: 235152

Ion Ratio Lower Upper

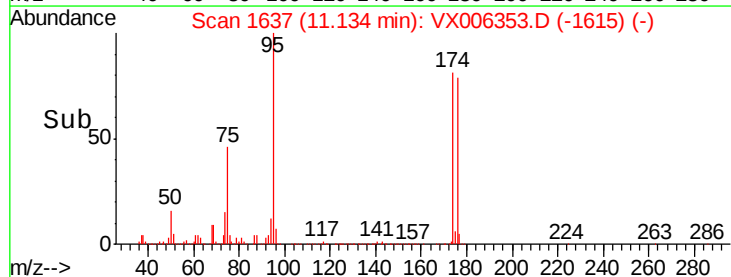
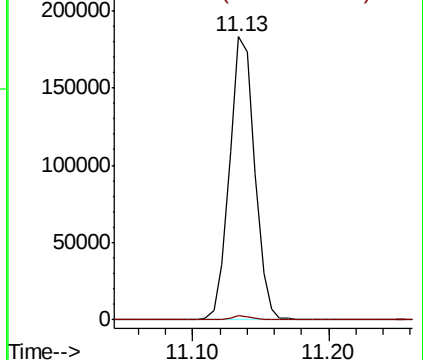
75 100

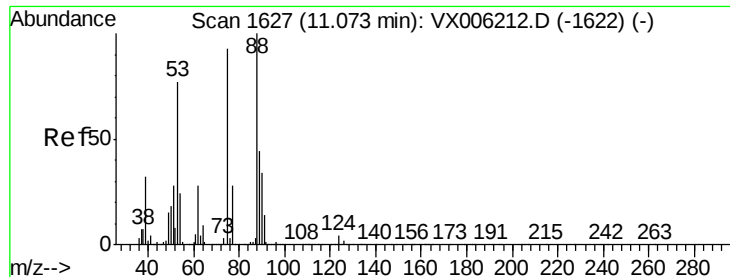
77 1.4 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.791 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

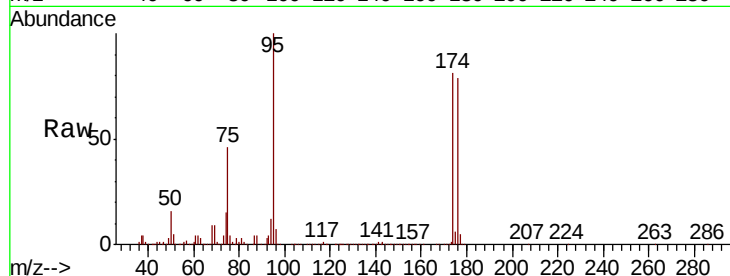
Tot Ion: 75 Resp: 235152

Ion Ratio Lower Upper

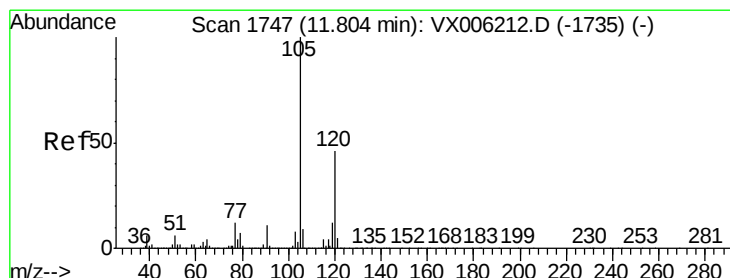
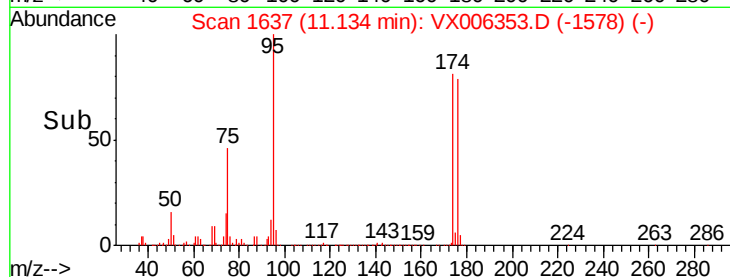
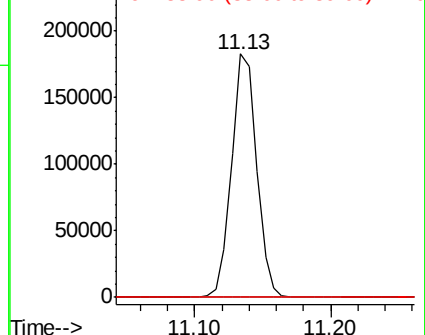
75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.341 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006353.D

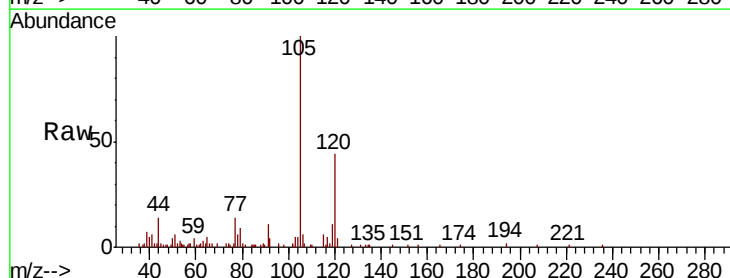
Acq: 07 Dec 2018 17:51

Tgt Ion:105 Resp: 10549

Ion Ratio Lower Upper

105 100

120 44.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

