

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060819\
 Data File : VX010160.D
 Acq On : 08 Jun 2019 23:43
 Operator : JC/SP
 Sample : K3257-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190606

Quant Time: Jun 10 09:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184735	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	129603	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	5.50	113	132536	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	8.71	98	515527	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	176519	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

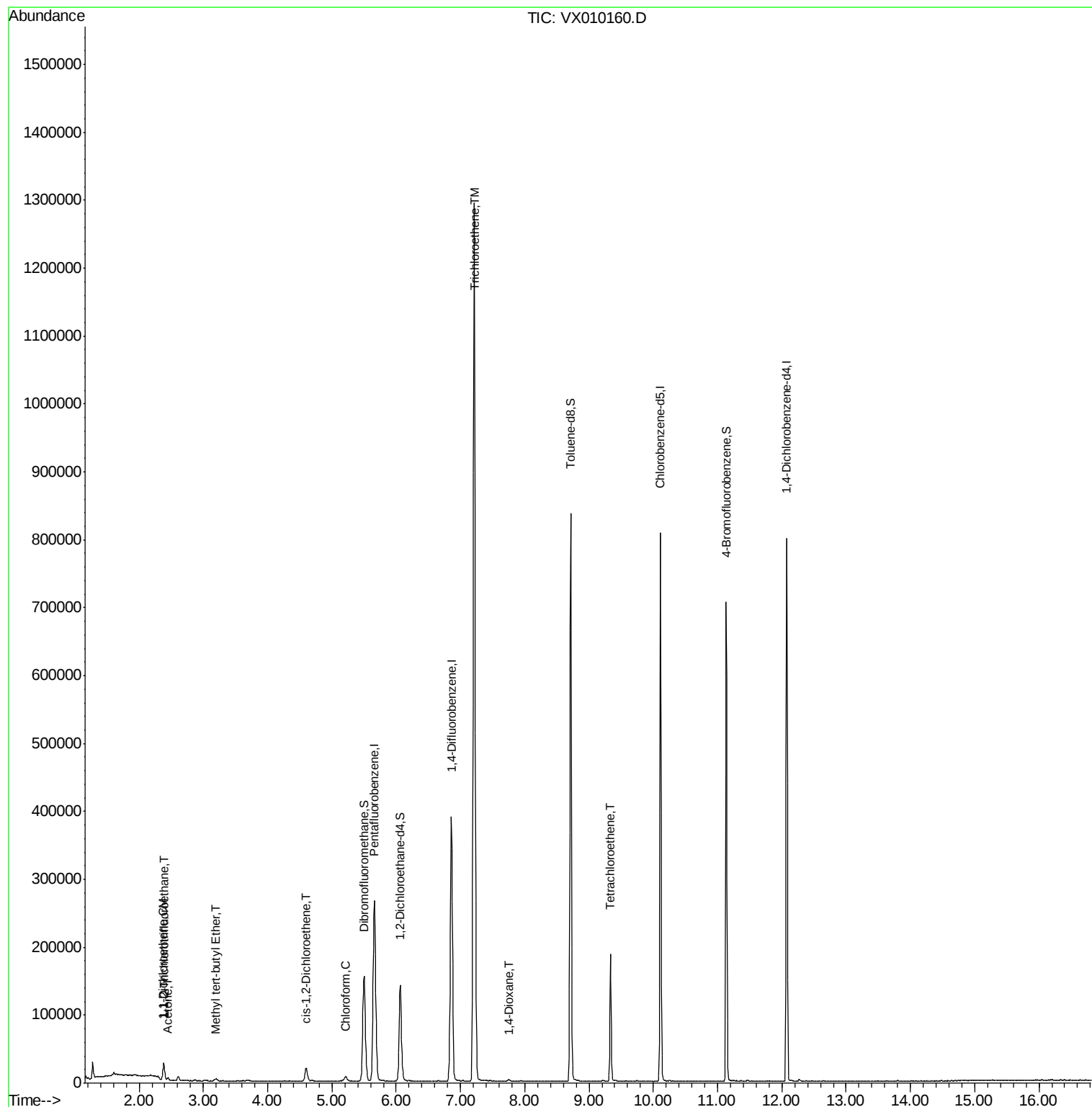
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8250	3.278	ug/l	92
12) 1,1-Dichloroethene	2.37	96	1962	0.763	ug/l #	85
16) Acetone	2.45	43	2953	2.247	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	3846	0.466	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	13921	4.398	ug/l	68
30) Chloroform	5.21	83	8008	1.712	ug/l	93
44) Trichloroethene	7.21	130	529442	160.402	ug/l	88
49) 1,4-Dioxane	7.75	88	2306	28.073	ug/l #	80
64) Tetrachloroethene	9.34	164	38726	13.176	ug/l	96

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

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Quant Time: Jun 10 09:12:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010160.D

Acq: 08 Jun 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

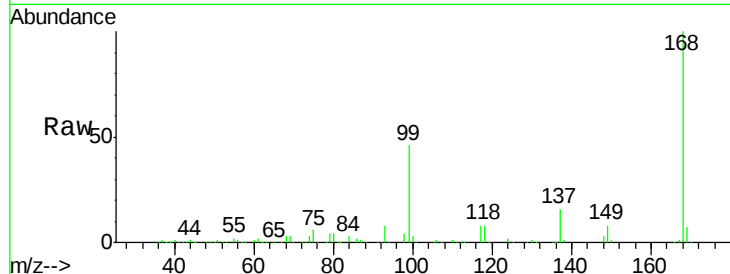
RE131D1-20190606

Tot Ion:168 Resp: 286221

Ion Ratio Lower Upper

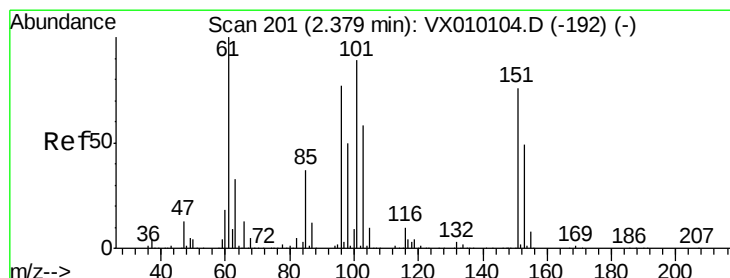
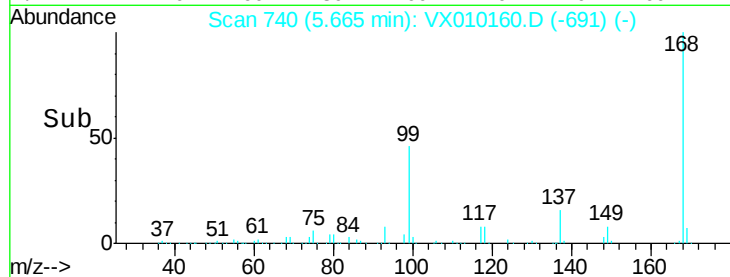
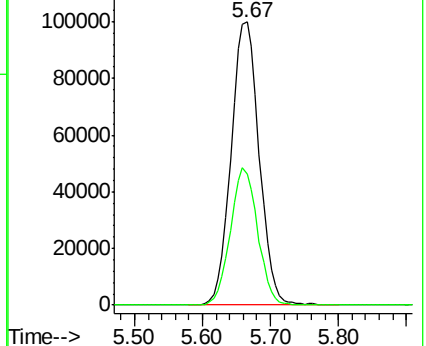
168 100

99 46.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.278 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

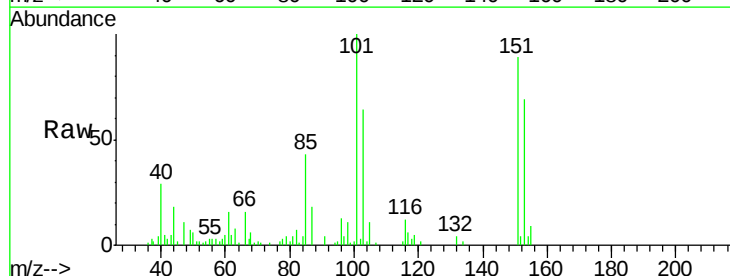
Tgt Ion:101 Resp: 8250

Ion Ratio Lower Upper

101 100

85 47.6 35.2 52.8

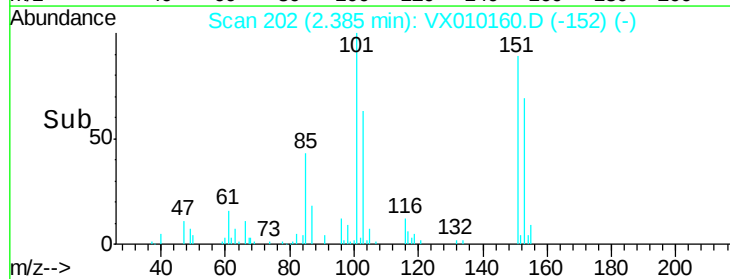
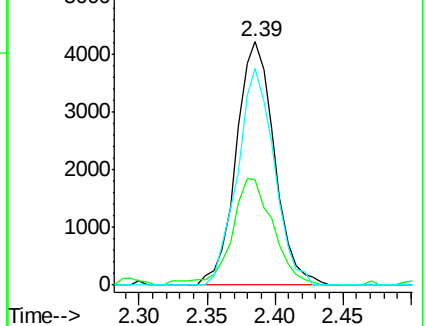
151 86.0 61.9 92.9

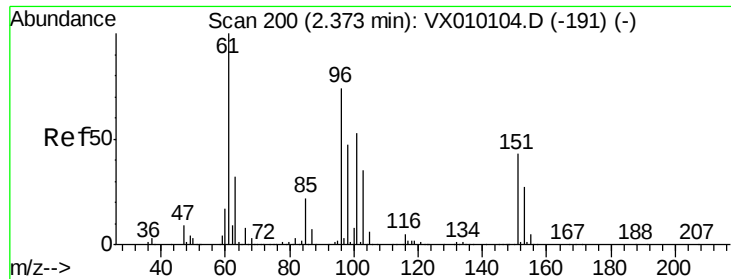


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

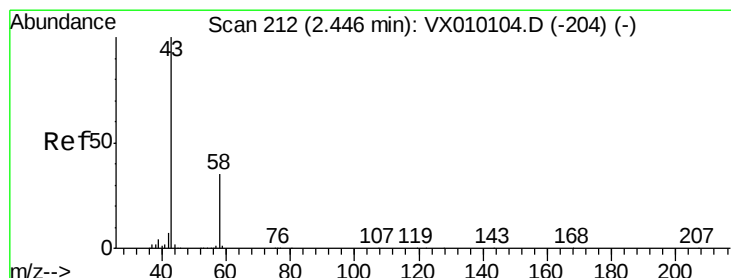
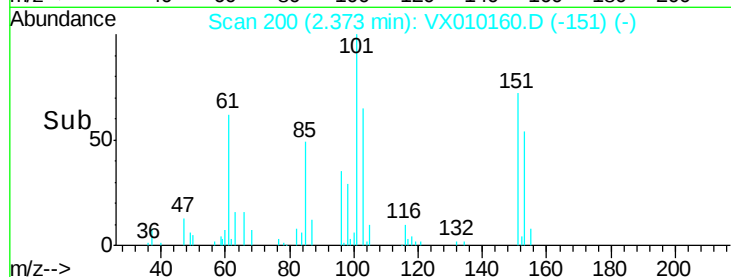
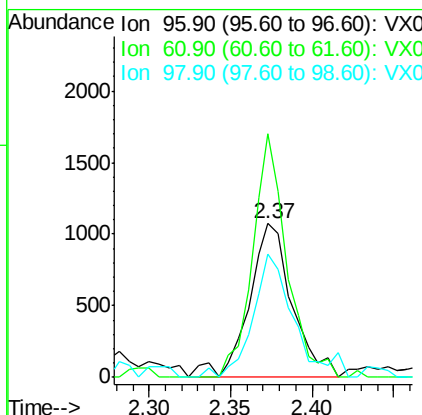
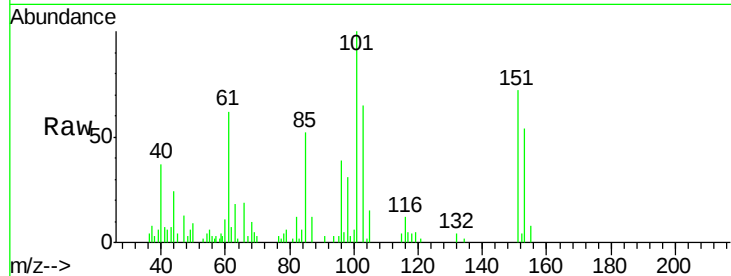




#12
 1,1-Dichloroethene
 Concen: 0.763 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010160.D
 Acq: 08 Jun 2019 23:43

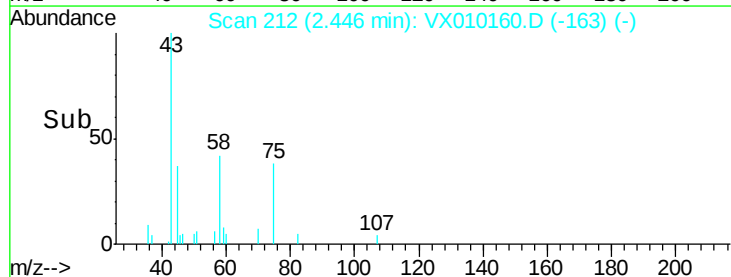
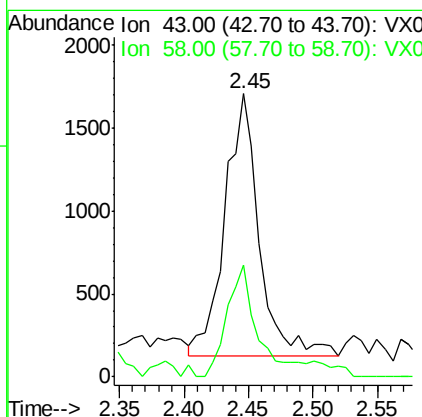
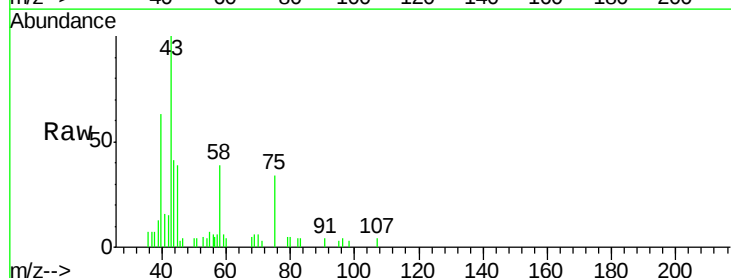
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190606

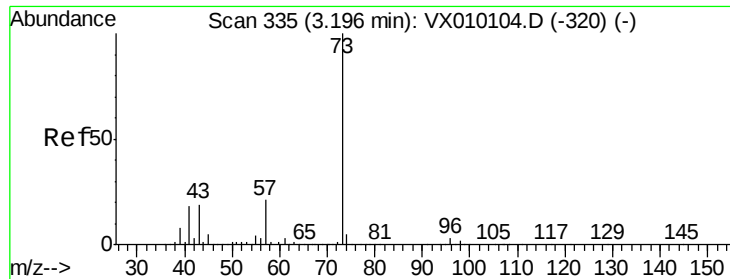
Tot Ion: 96 Resp: 1962
 Ion Ratio Lower Upper
 96 100
 61 158.7 140.7 211.1
 98 80.3 50.1 75.1#



#16
 Acetone
 Concen: 2.247 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010160.D
 Acq: 08 Jun 2019 23:43

Tgt Ion: 43 Resp: 2953
 Ion Ratio Lower Upper
 43 100
 58 38.3 23.2 34.8#

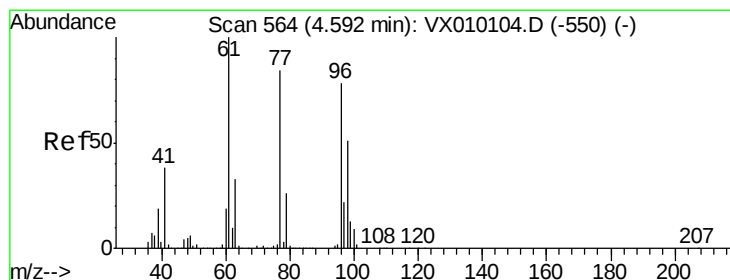
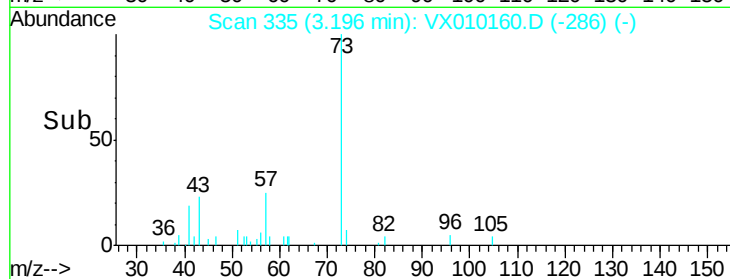
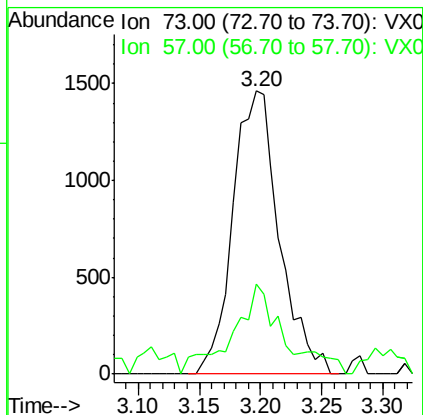
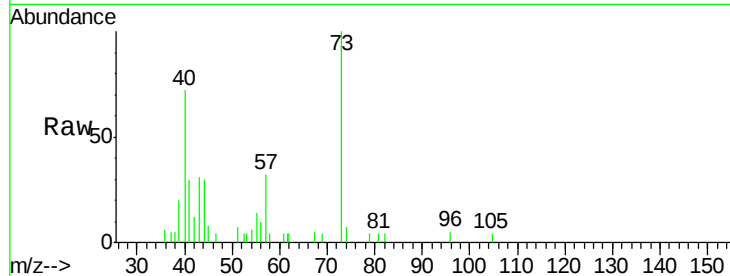




#19
Methvl tert-butvl Ether
Concen: 0.466 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

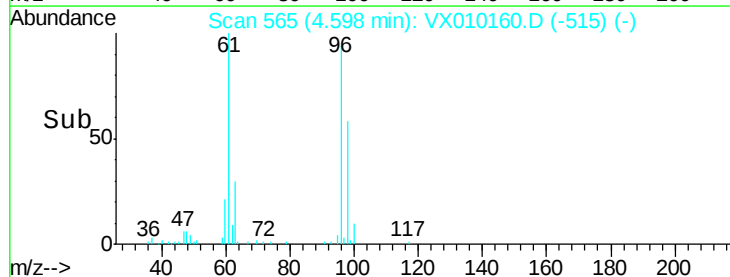
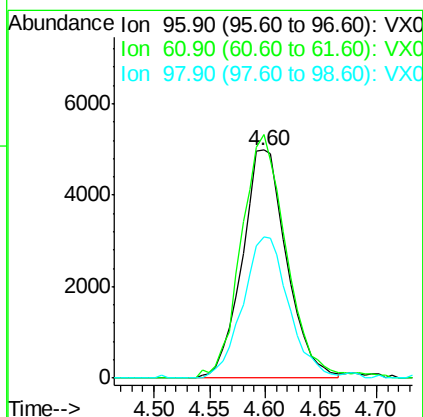
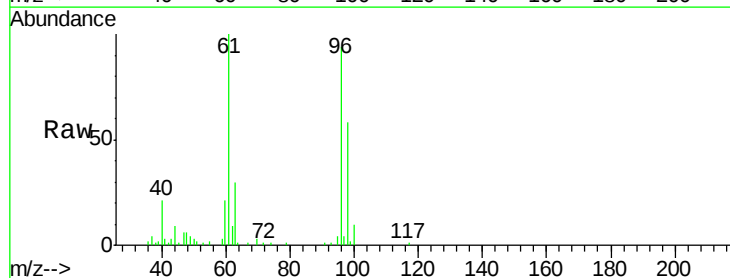
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190606

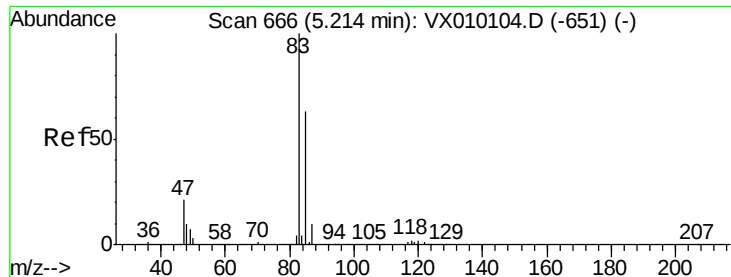
Tot Ion: 73 Resp: 3846
Ion Ratio Lower Upper
73 100
57 26.3 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 4.398 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

Tgt Ion: 96 Resp: 13921
Ion Ratio Lower Upper
96 100
61 108.4 0.0 334.0
98 63.4 0.0 131.6

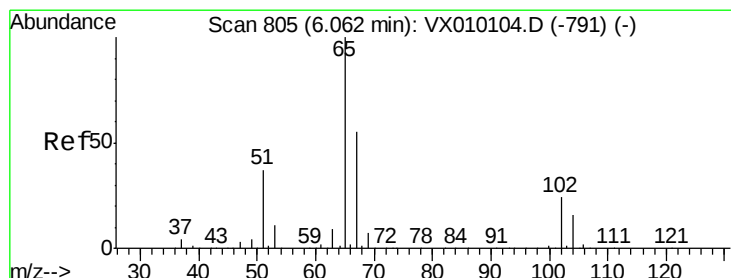
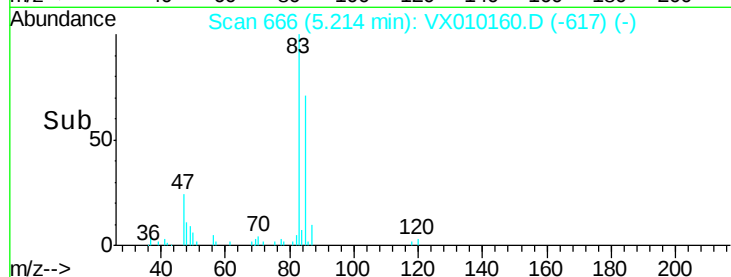
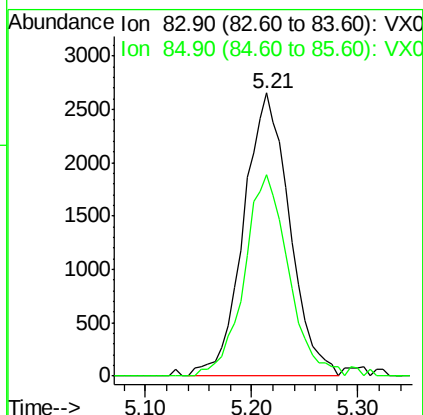
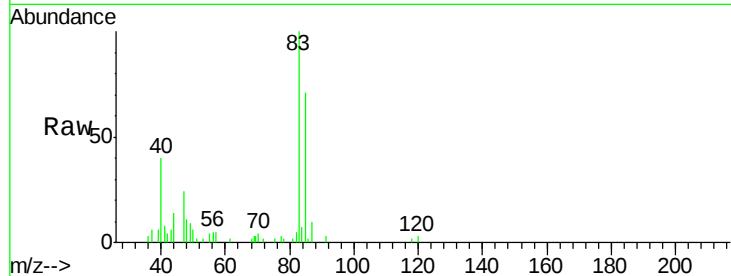




#30
Chloroform
Concen: 1.712 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

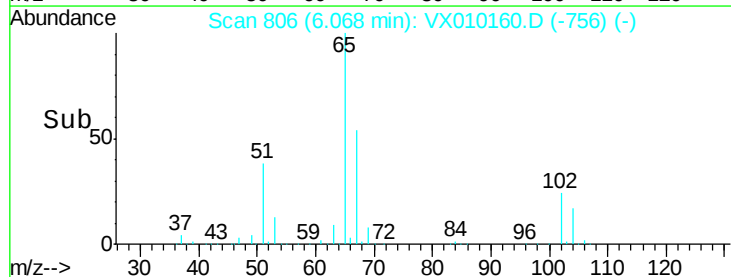
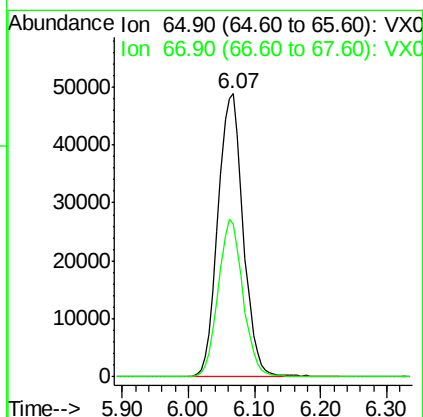
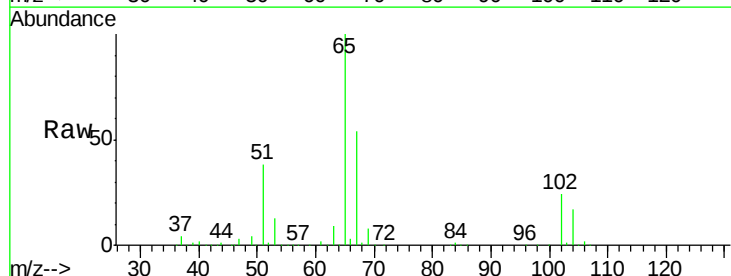
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190606

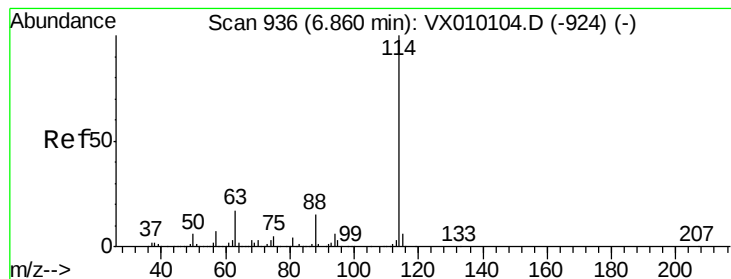
Tot Ion: 83 Resp: 8008
Ion Ratio Lower Upper
83 100
85 71.0 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 46.389 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

Tgt Ion: 65 Resp: 129603
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190606

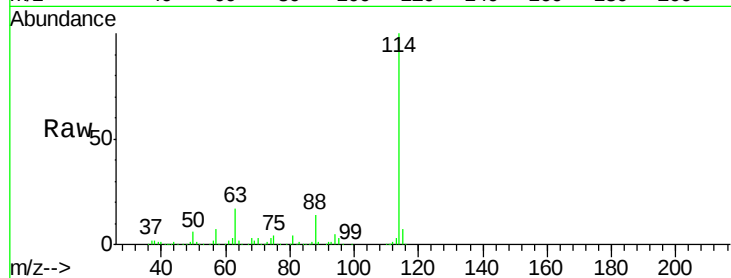
Tot Ion:114 Resp: 434059

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

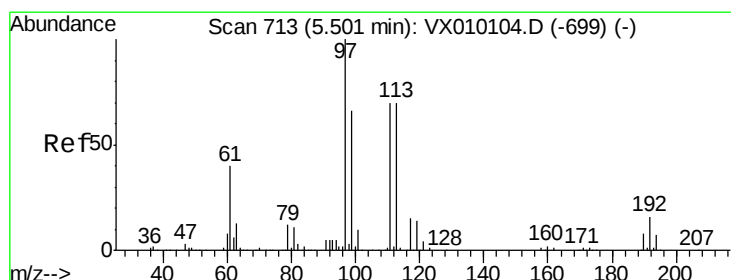
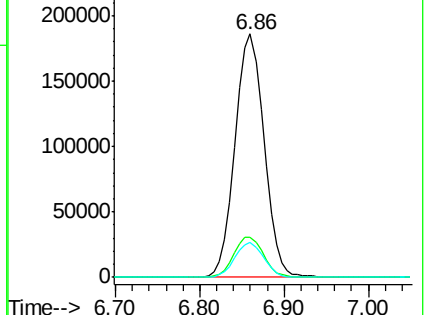
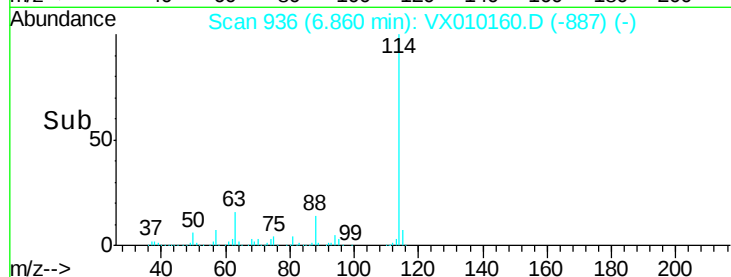
88 14.4 0.0 33.0



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: 49.502 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

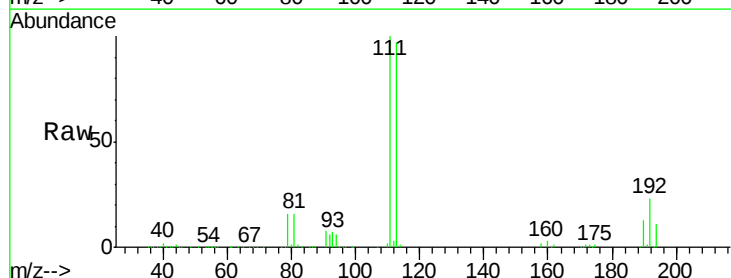
Tgt Ion:113 Resp: 132536

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

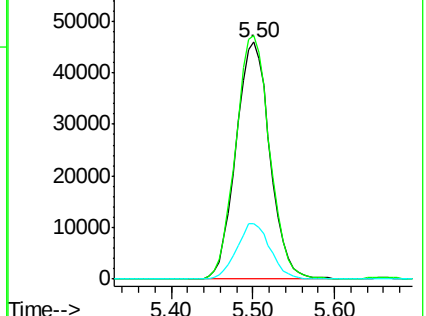
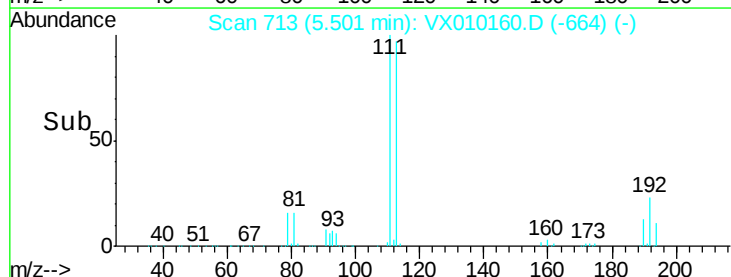
192 23.4 17.1 25.7

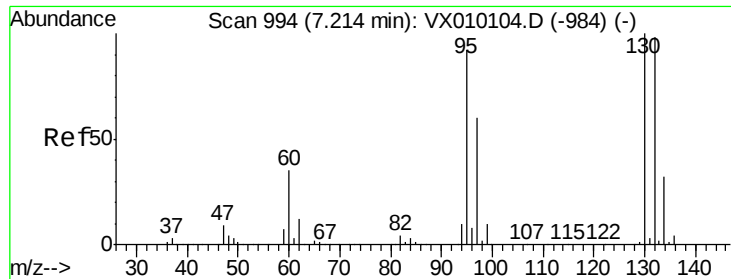


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 160.402 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

Instrument :

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ClientSampleId :

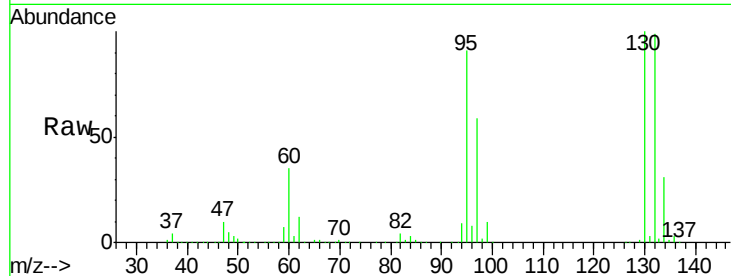
RE131D1-20190606

Tot Ion:130 Resp: 529442

Ion Ratio Lower Upper

130 100

95 91.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

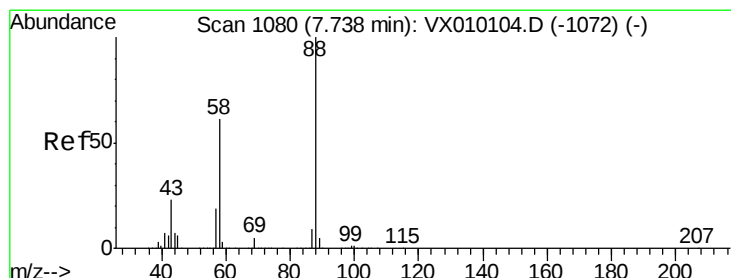
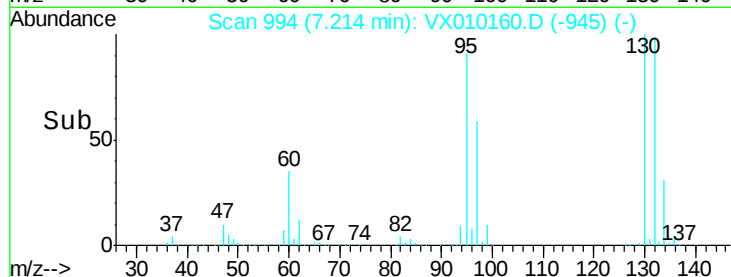
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 28.073 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

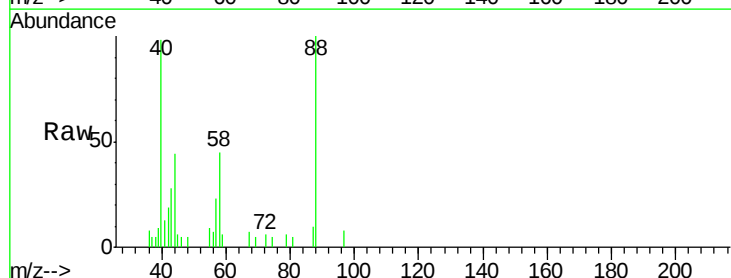
Tgt Ion: 88 Resp: 2306

Ion Ratio Lower Upper

88 100

43 24.0 30.2 45.4#

58 63.2 64.0 96.0#



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

7.75

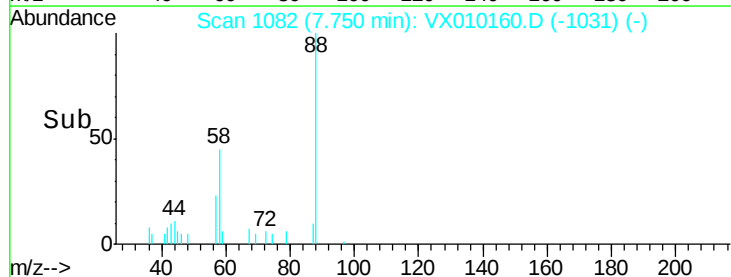
1500

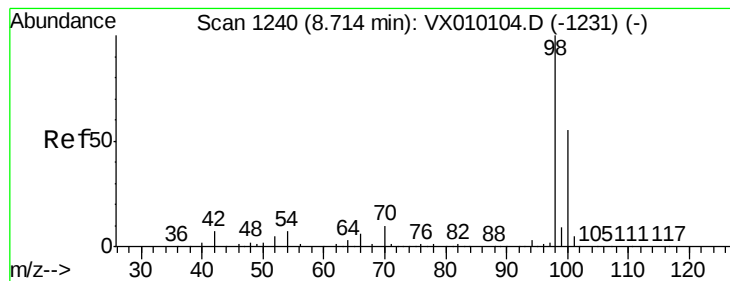
1000

500

0

Time-->





#50

Toluene-d8

Concen: 51.376 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

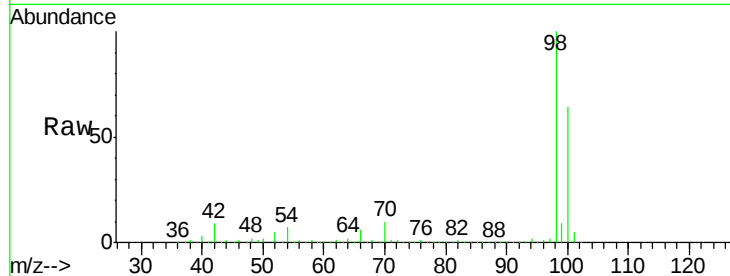
RE131D1-20190606

Tot Ion: 98 Resp: 515527

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

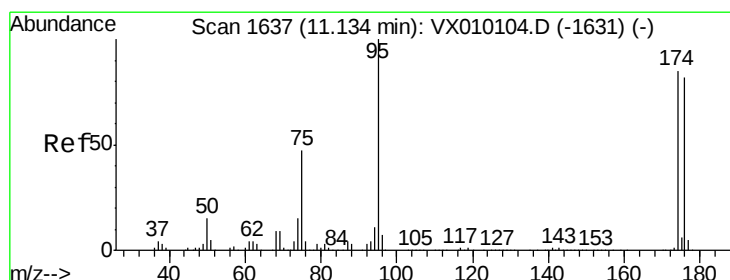
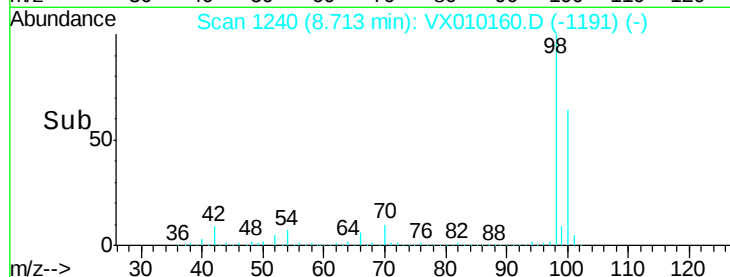
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 47.104 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010160.D

Acq: 08 Jun 2019 23:43

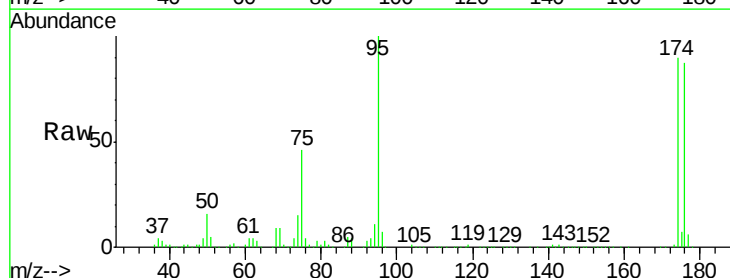
Tgt Ion: 95 Resp: 176519

Ion Ratio Lower Upper

95 100

174 94.2 0.0 160.4

176 90.7 0.0 154.6



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

11.13

200000

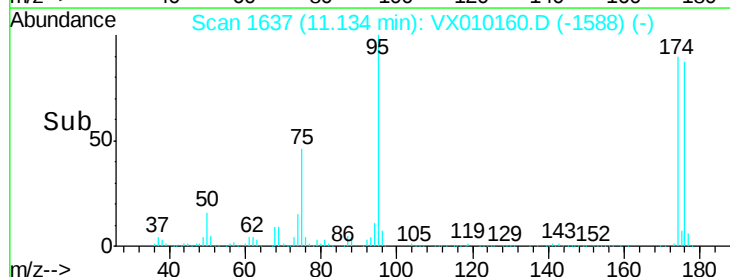
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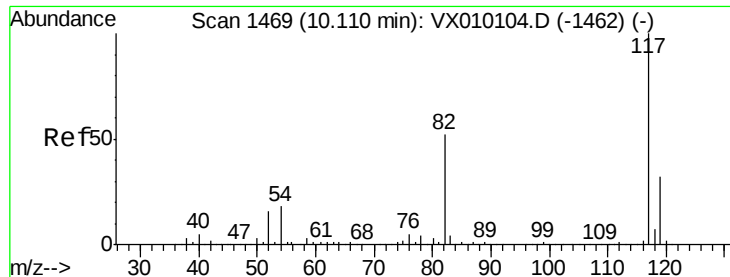
100000

50000

0

Time--> 11.00 11.10 11.20

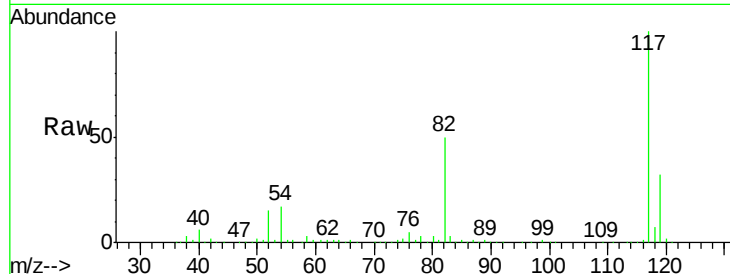




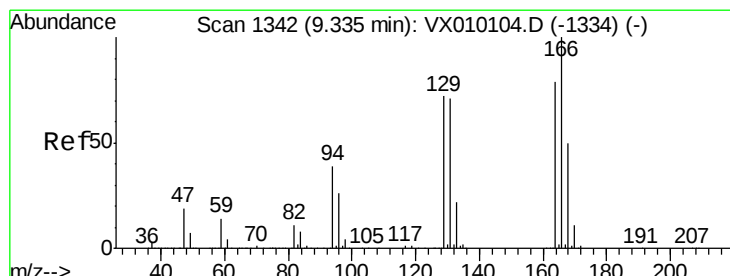
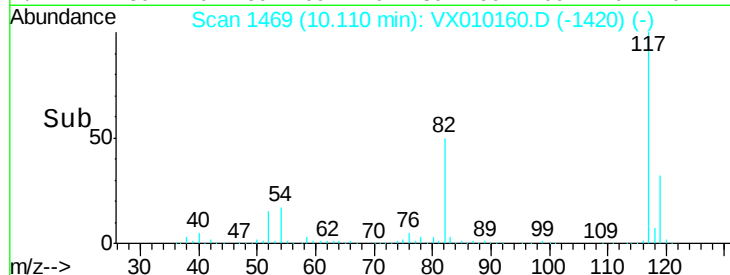
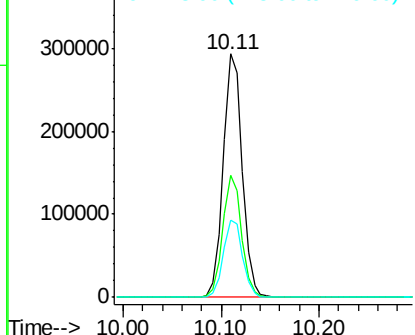
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190606

Tot Ion:117 Resp: 395716
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.0 25.2 37.8

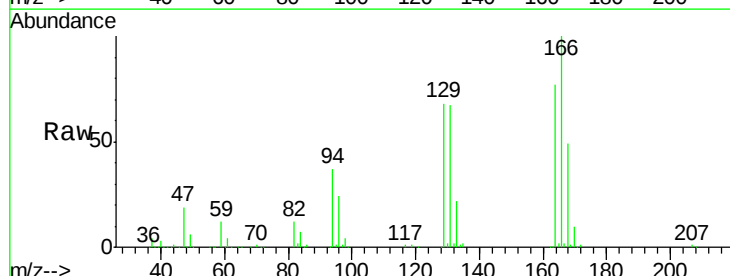


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

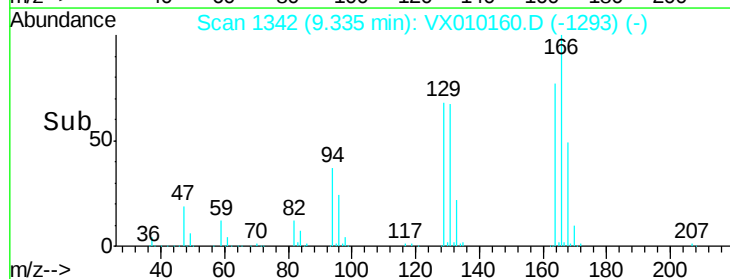
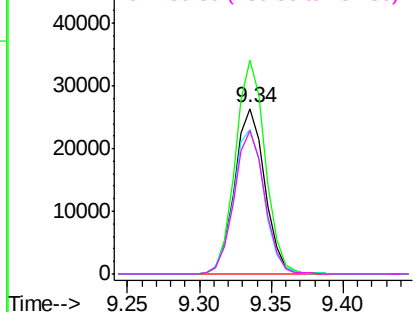


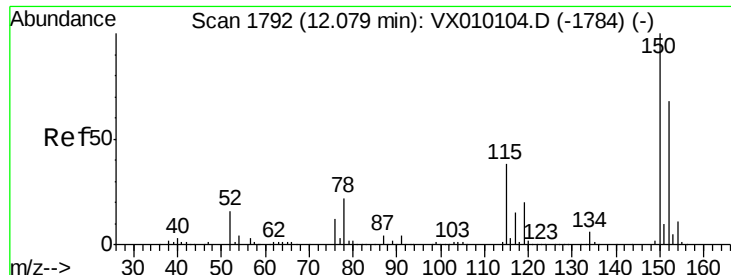
#64
Tetrachloroethene
Concen: 13.176 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010160.D
Acq: 08 Jun 2019 23:43

Tgt Ion:164 Resp: 38726
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.4
129 87.6 75.1 112.7
131 86.4 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX010160.D

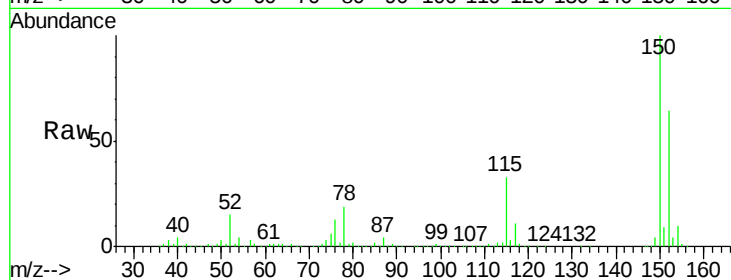
Acq: 08 Jun 2019 23:43

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190606



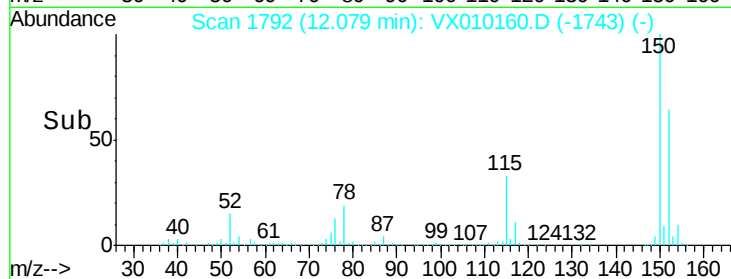
Tot Ion:152 Resp: 184735

Ion Ratio Lower Upper

152 100

115 54.2 41.4 124.2

150 156.0 0.0 345.2



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

