

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010201.D
 Acq On : 11 Jun 2019 01:30
 Operator : JC/SP
 Sample : K3255-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20190604DL

Quant Time: Jun 11 02:44:06 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	5.66	168	237346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	360569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151758	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	105285	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
35) Dibromofluoromethane	5.49	113	109314	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	420273	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	143721	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	

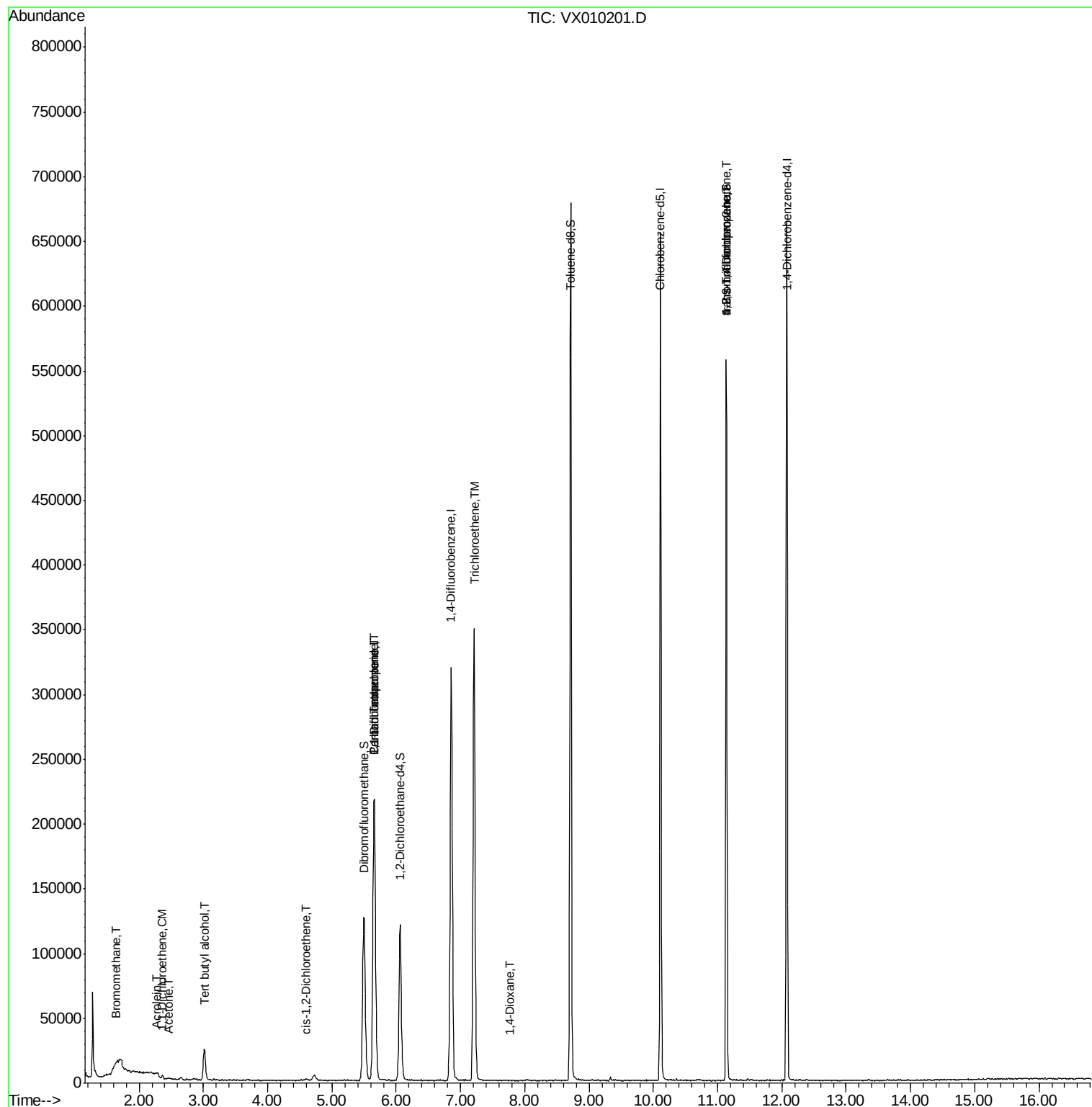
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	675	0.878	ug/l #	51
11) Tert butyl alcohol	3.01	59	13725	24.183	ug/l #	78
12) 1,1-Dichloroethene	2.37	96	465	0.218	ug/l #	47
13) Acrolein	2.27	56	48	0.464	ug/l #	14
16) Acetone	2.46	43	803	0.737	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	578	0.220	ug/l	53
36) 1,1-Dichloropropene	5.65	75	13900	4.725	ug/l #	53
38) Carbon Tetrachloride	5.66	117	20490	6.154	ug/l #	15
44) Trichloroethene	7.21	130	148772	54.259	ug/l	83
49) 1,4-Dioxane	7.77	88	48	0.703	ug/l #	24
76) 1,2,3-Trichloropropane	11.13	75	65787	21.673	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65787	47.885	ug/l #	10

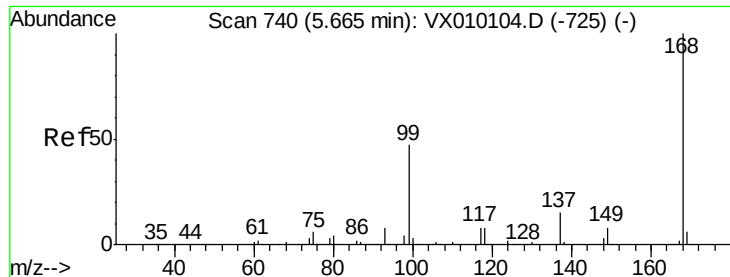
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

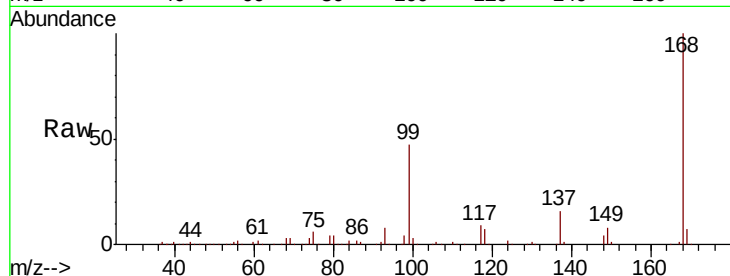
RE126D2-20190604DL

Tot Ion:168 Resp: 237346

Ion Ratio Lower Upper

168 100

99 47.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

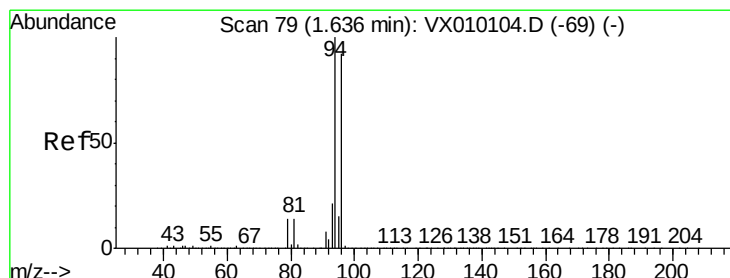
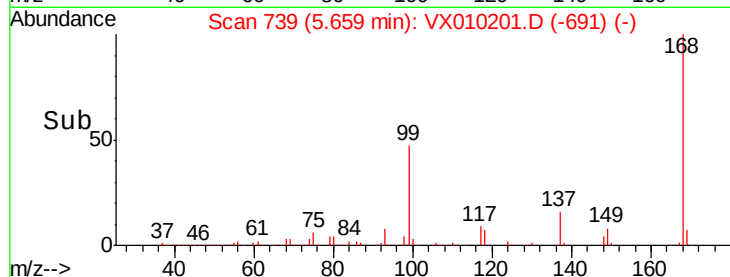
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.878 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX010201.D

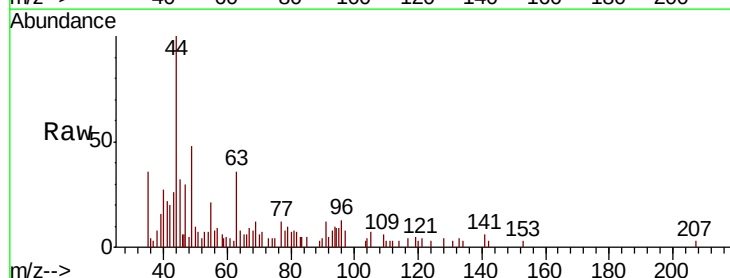
Acq: 11 Jun 2019 01:30

Tgt Ion: 94 Resp: 675

Ion Ratio Lower Upper

94 100

96 47.2 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

400

300

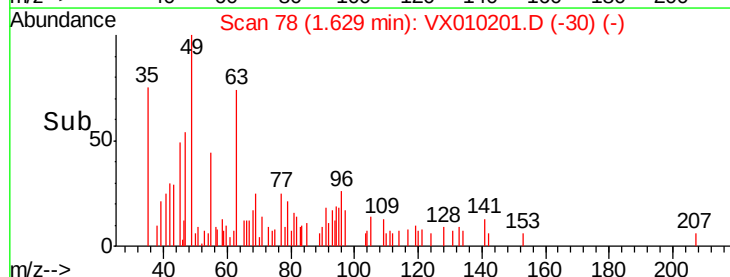
200

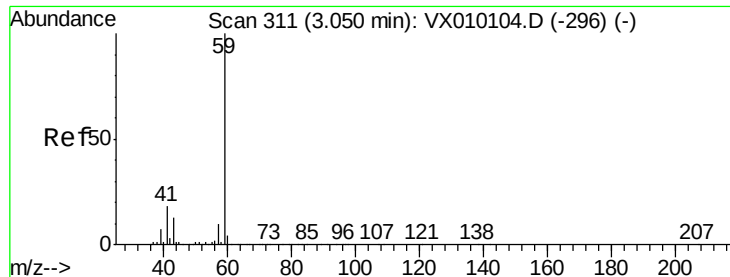
100

0

Time-->

1.55 1.60 1.65





#11

Tert butyl alcohol

Concen: 24.183 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

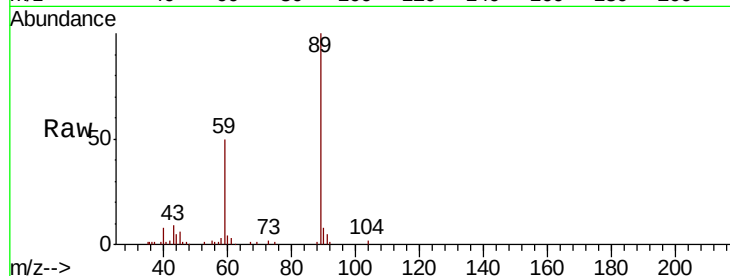
RE126D2-20190604DL

Tot Ion: 59 Resp: 13725

Ion Ratio Lower Upper

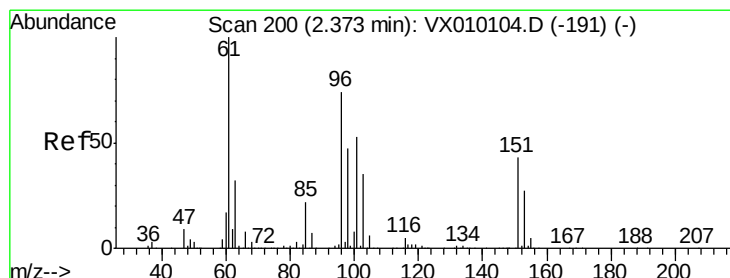
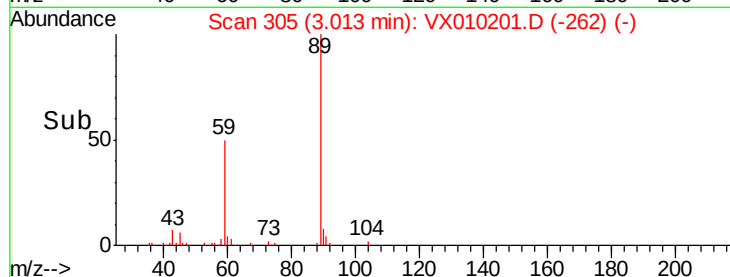
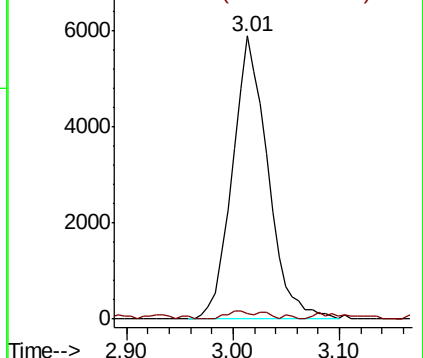
59 100

57 2.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.218 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

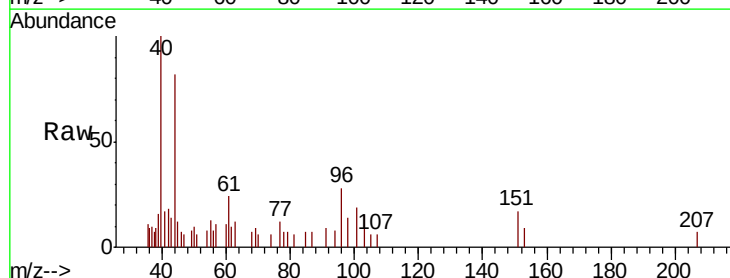
Tgt Ion: 96 Resp: 465

Ion Ratio Lower Upper

96 100

61 84.1 140.7 211.1#

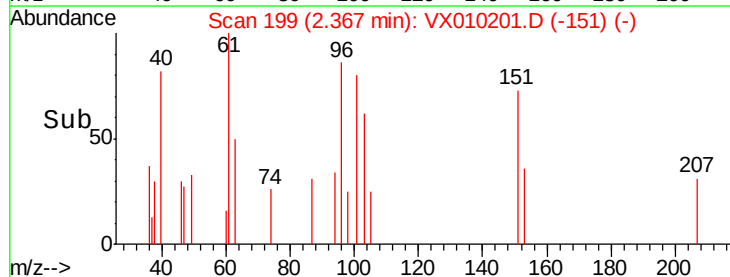
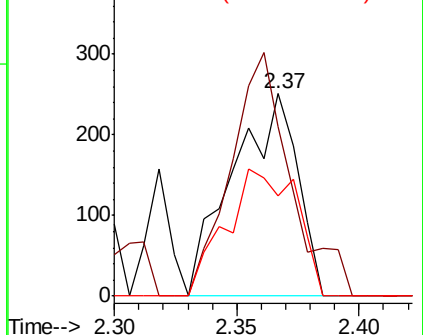
98 49.8 50.1 75.1#

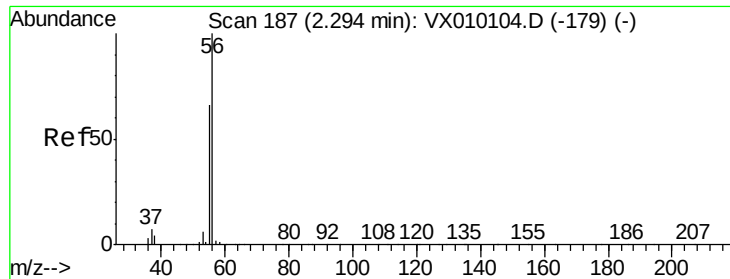


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

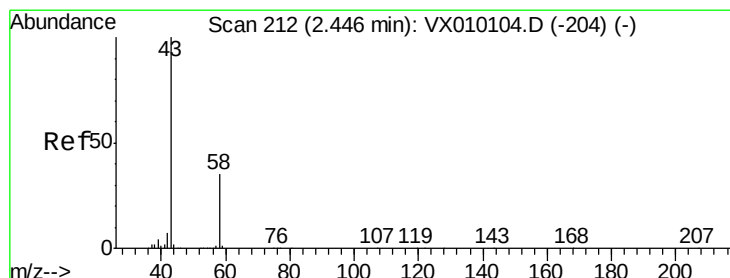
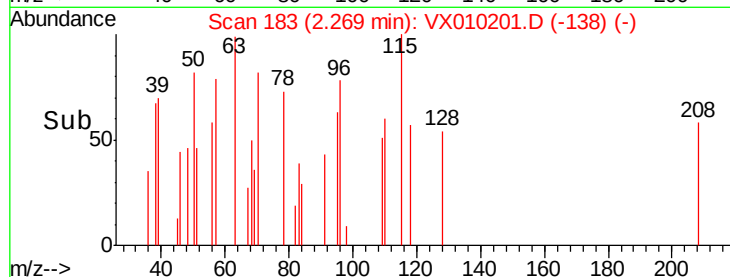
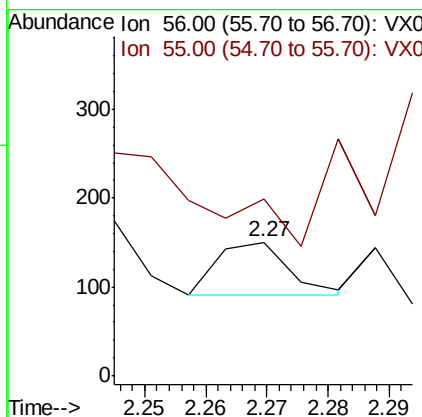
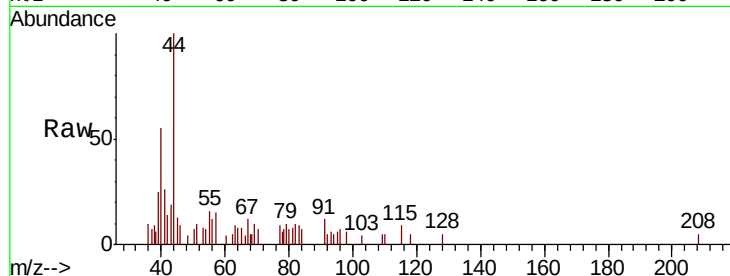




#13
Acrolein
Concen: 0.464 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX010201.D
Acq: 11 Jun 2019 01:30

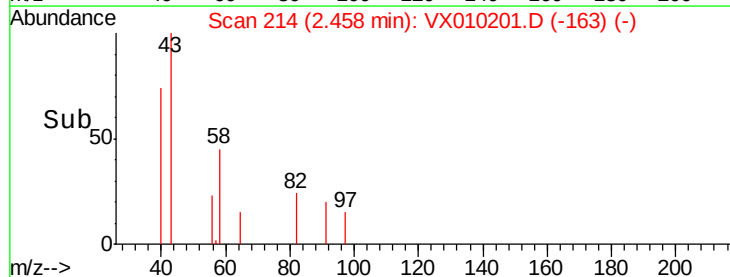
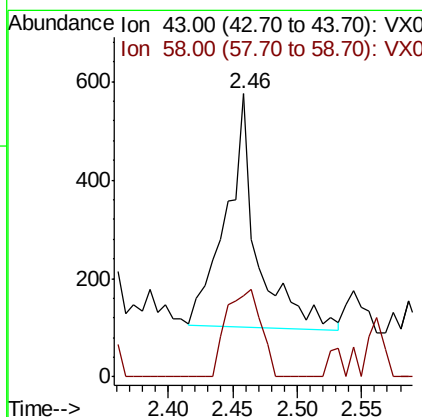
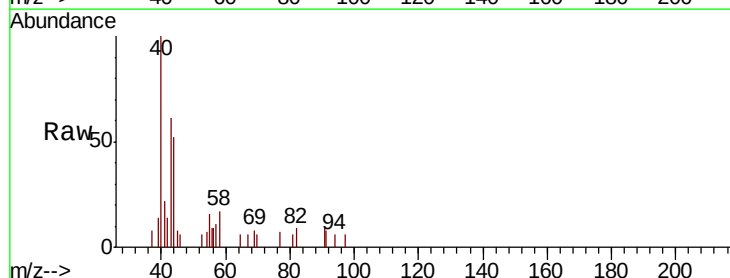
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190604DL

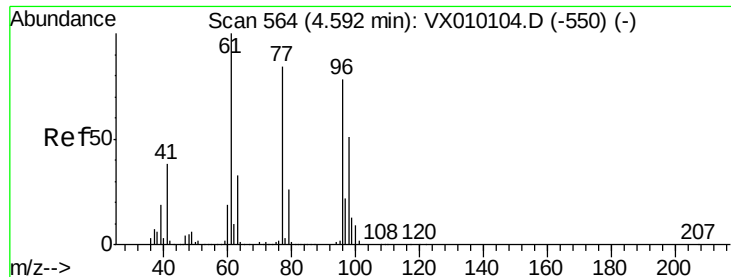
Tot Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 0.737 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX010201.D
Acq: 11 Jun 2019 01:30

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 35.2 23.2 34.8#





#27

cis-1,2-Dichloroethene

Concen: 0.220 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20190604DL

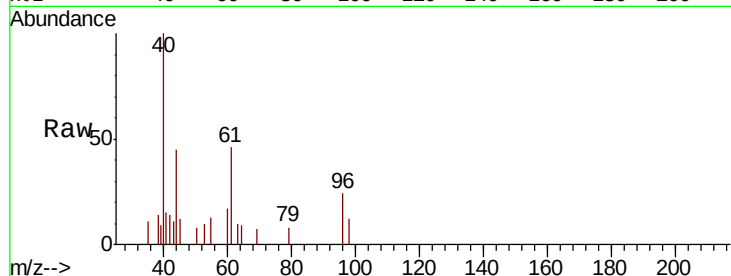
Tot Ion: 96 Resp: 578

Ion Ratio Lower Upper

96 100

61 244.6 0.0 334.0

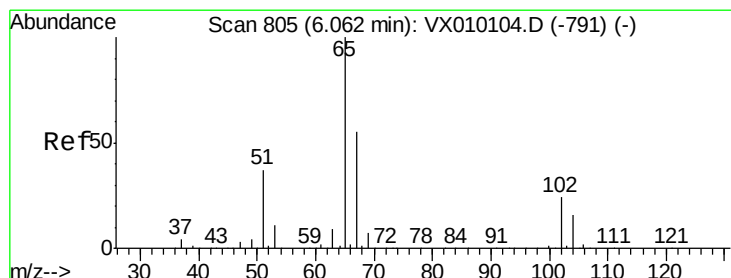
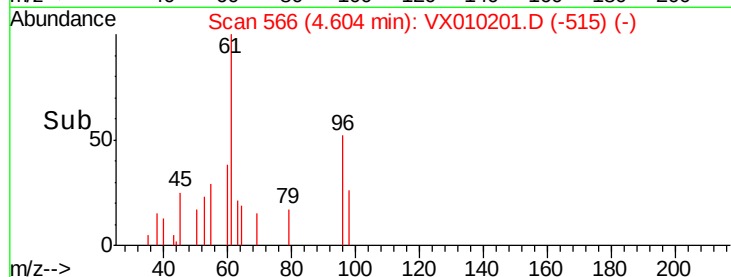
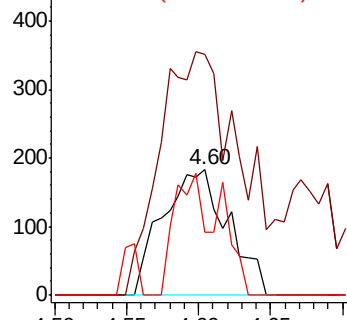
98 48.8 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.445 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010201.D

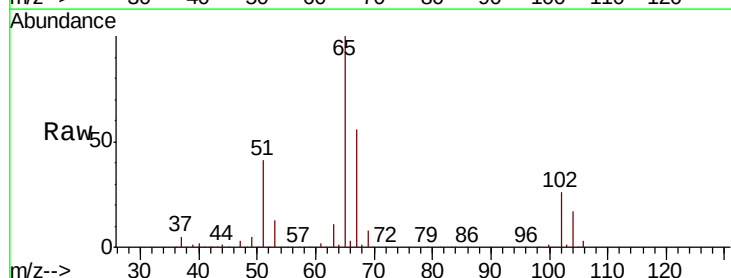
Acq: 11 Jun 2019 01:30

Tgt Ion: 65 Resp: 105285

Ion Ratio Lower Upper

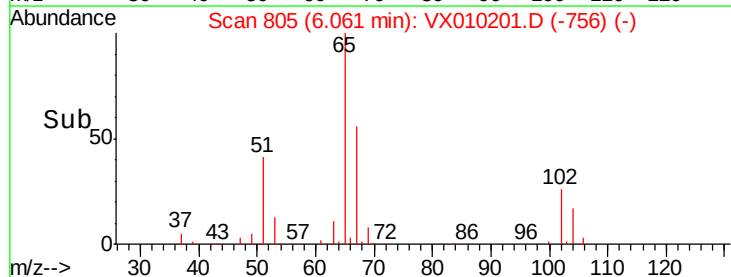
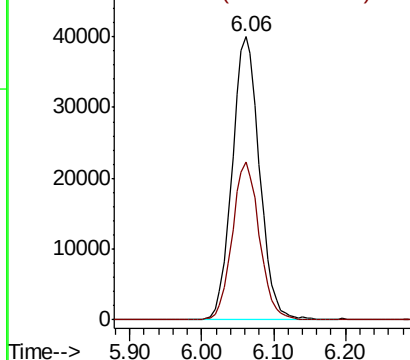
65 100

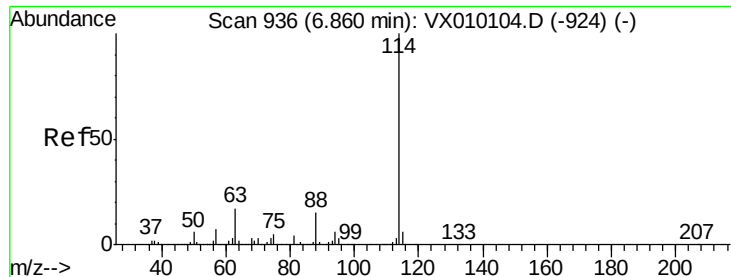
67 55.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

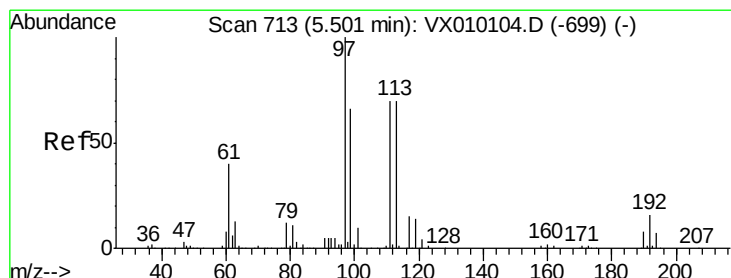
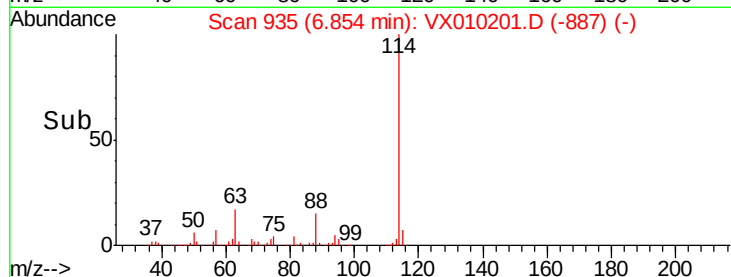
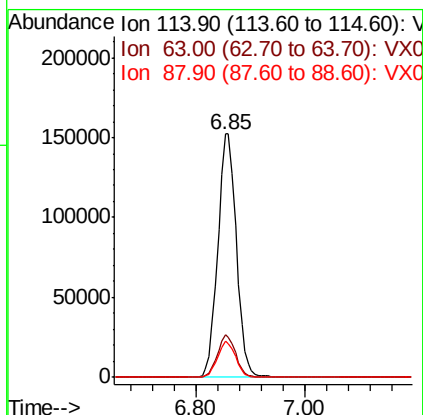
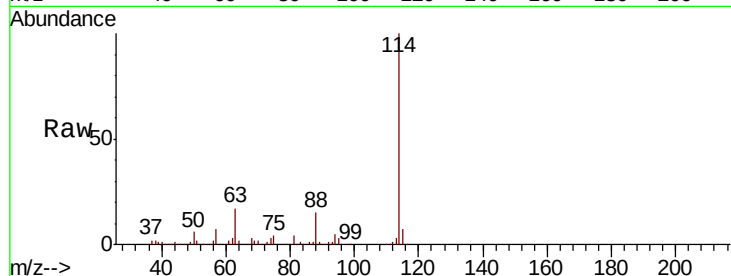




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010201.D
 Acq: 11 Jun 2019 01:30

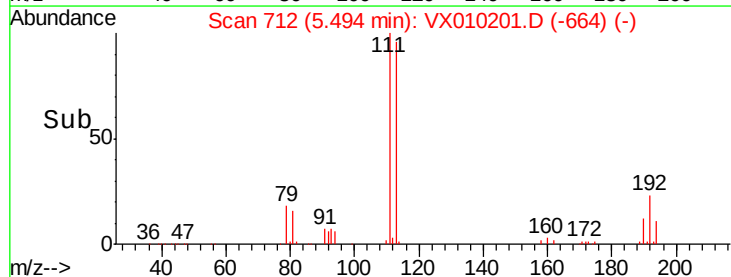
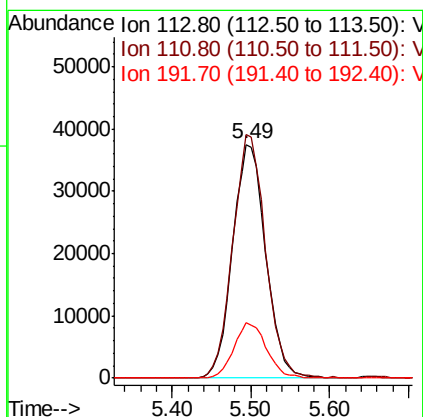
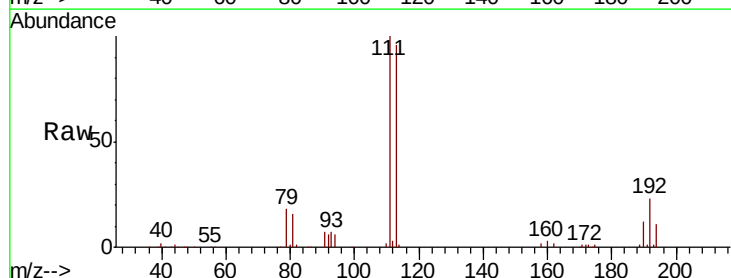
Instrument :
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 RE126D2-20190604DL

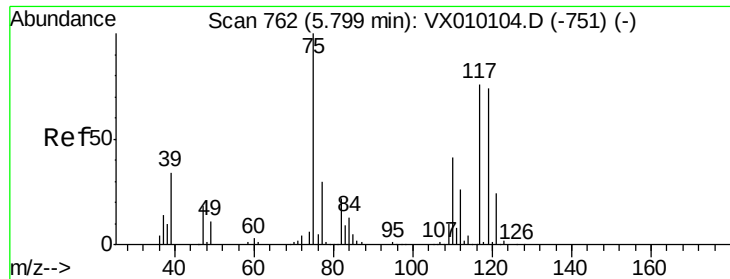
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	47.4
88	14.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.150 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010201.D
 Acq: 11 Jun 2019 01:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	23.3	17.1	25.7

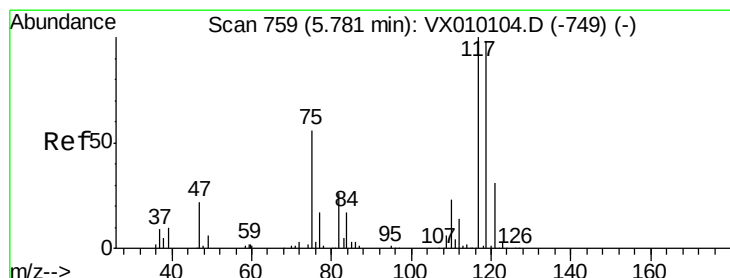
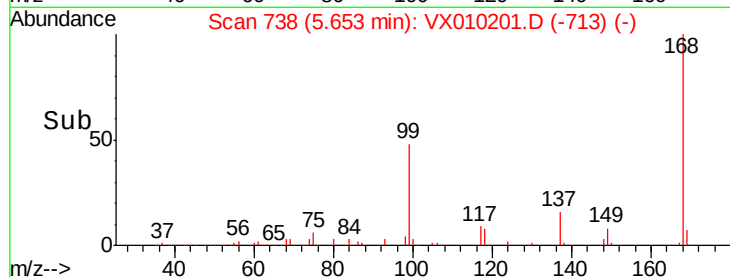
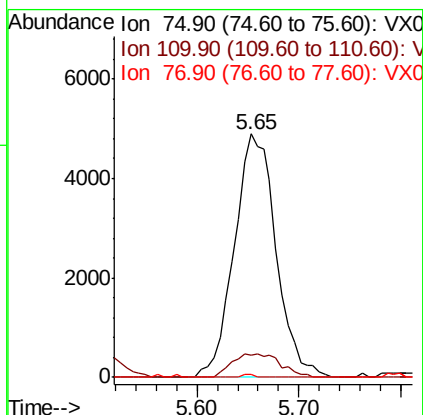
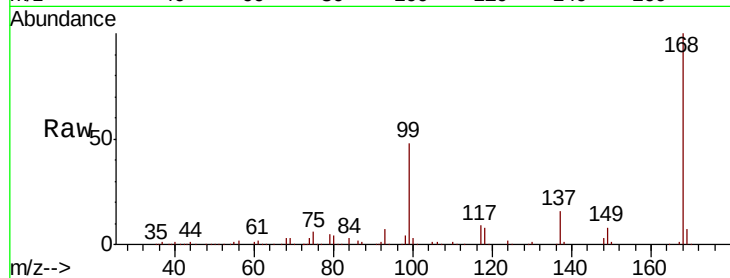




#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010201.D
 Acq: 11 Jun 2019 01:30

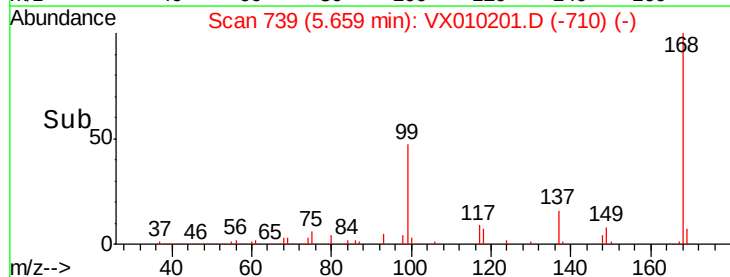
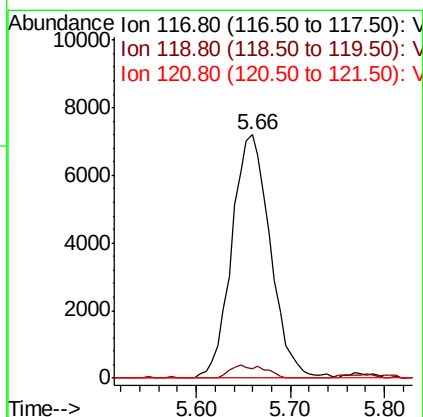
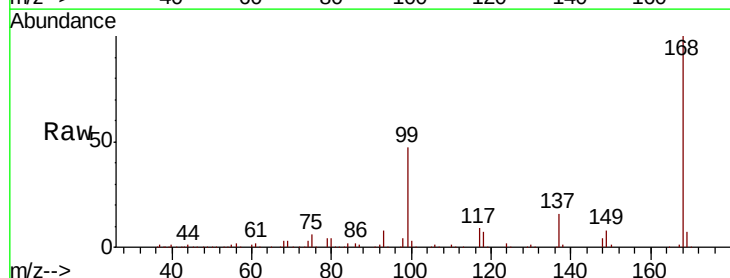
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20190604DL

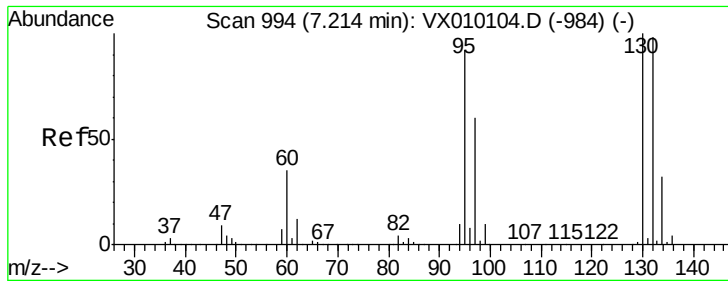
Tot Ion: 75 Resp: 13900
 Ion Ratio Lower Upper
 75 100
 110 11.2 16.7 50.1#
 77 0.3 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.154 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010201.D
 Acq: 11 Jun 2019 01:30

Tgt Ion: 117 Resp: 20490
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.3 115.9#
 121 0.0 25.4 38.0#





#44

Trichloroethene

Concen: 54.259 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

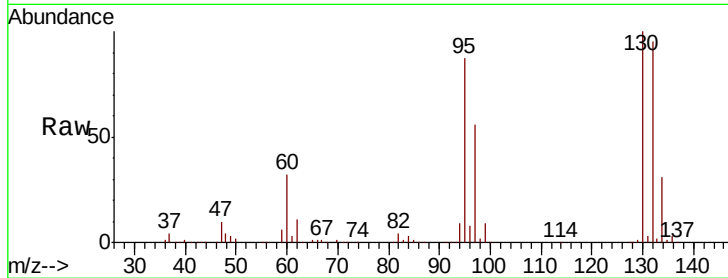
RE126D2-20190604DL

Tot Ion:130 Resp: 148772

Ion Ratio Lower Upper

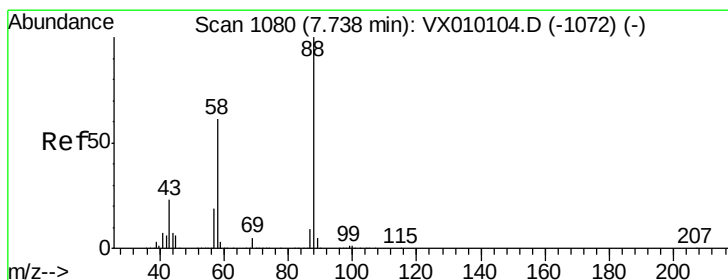
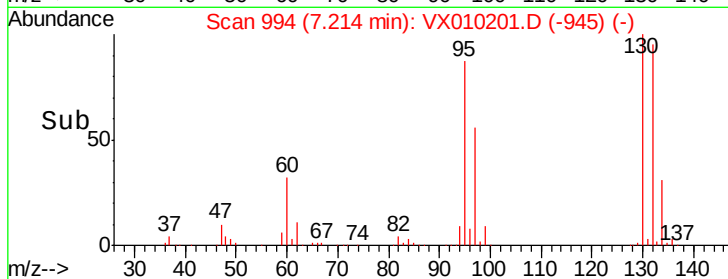
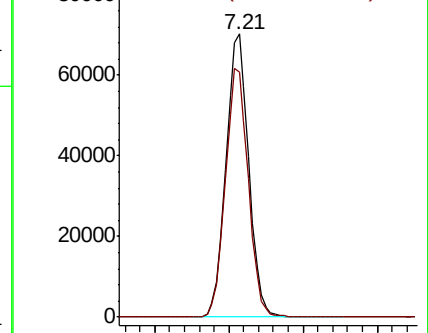
130 100

95 86.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.703 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

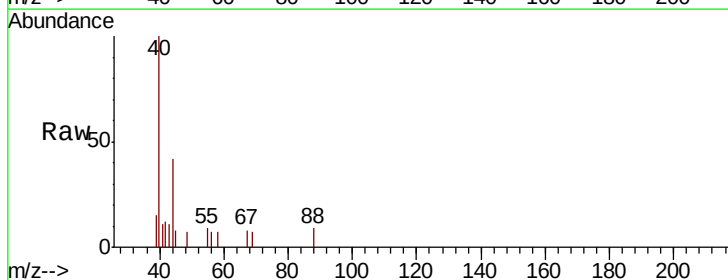
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 0.0 30.2 45.4#

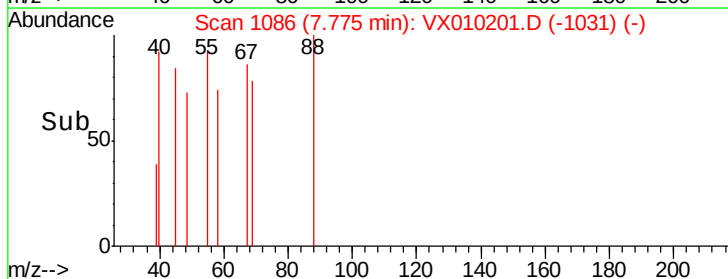
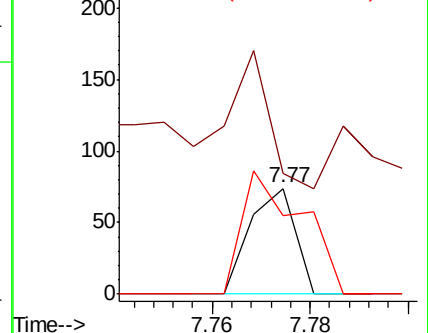
58 152.1 64.0 96.0#

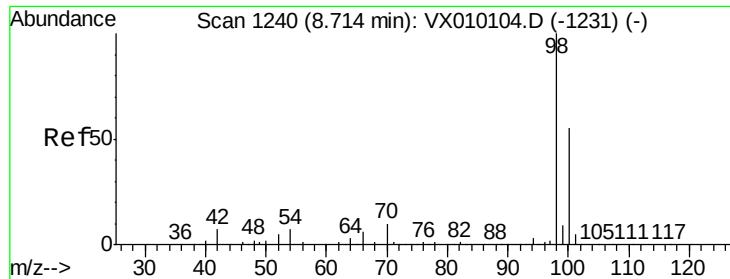


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.420 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

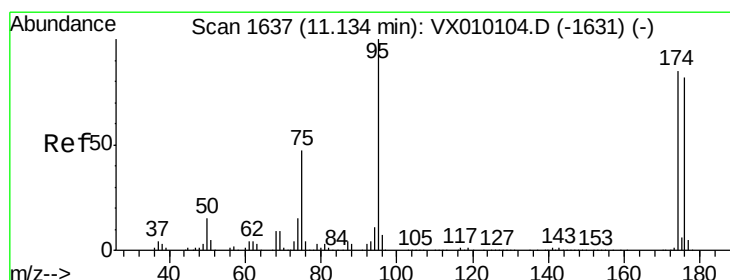
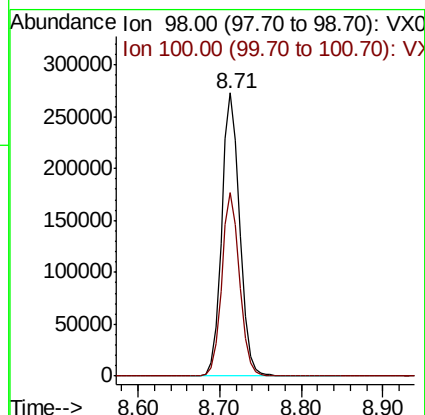
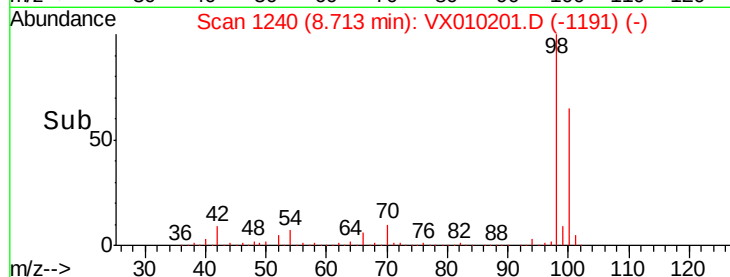
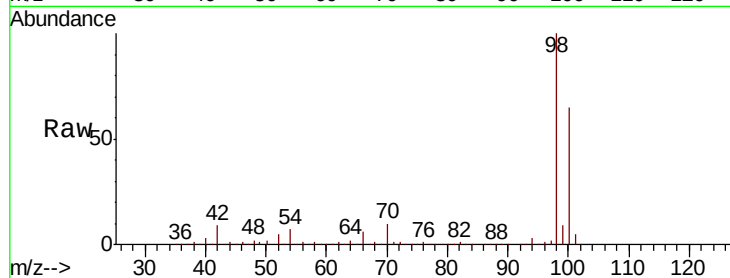
RE126D2-20190604DL

Tot Ion: 98 Resp: 420273

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.169 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

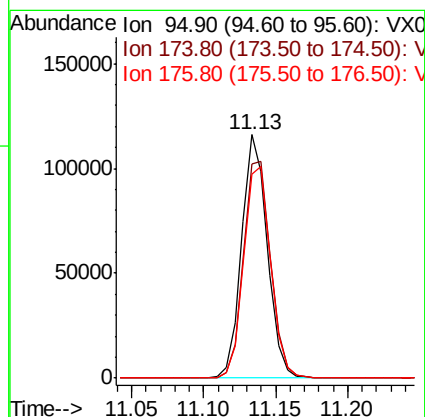
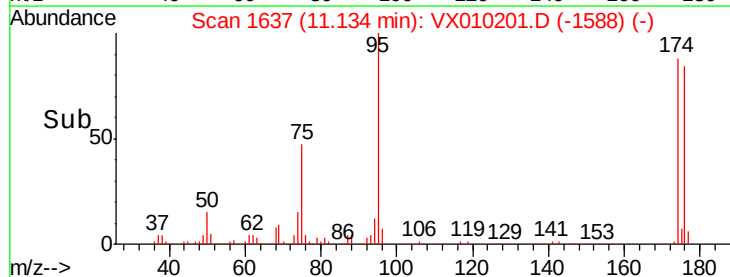
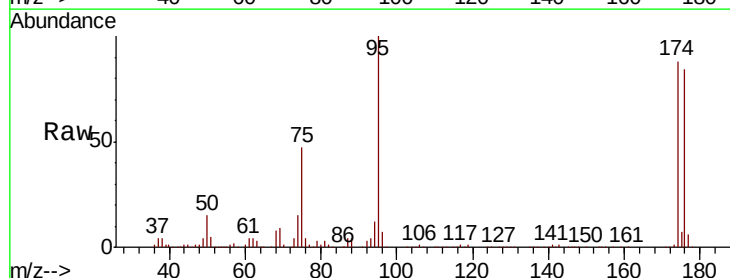
Tgt Ion: 95 Resp: 143721

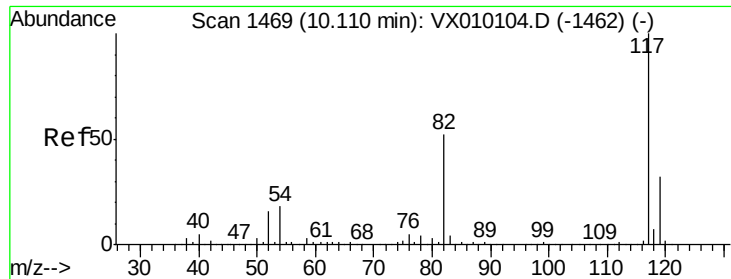
Ion Ratio Lower Upper

95 100

174 94.3 0.0 160.4

176 91.3 0.0 154.6

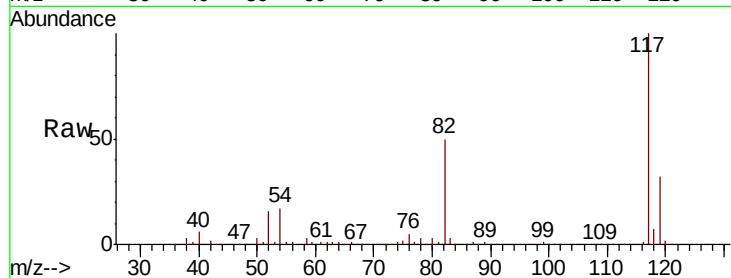




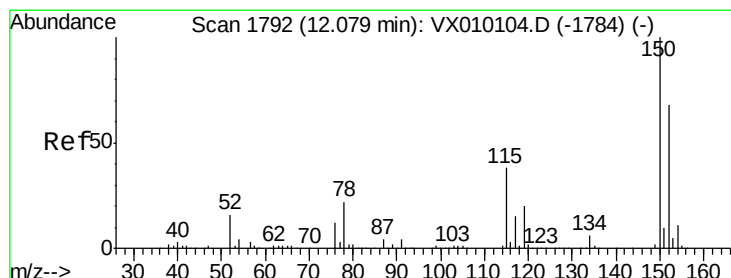
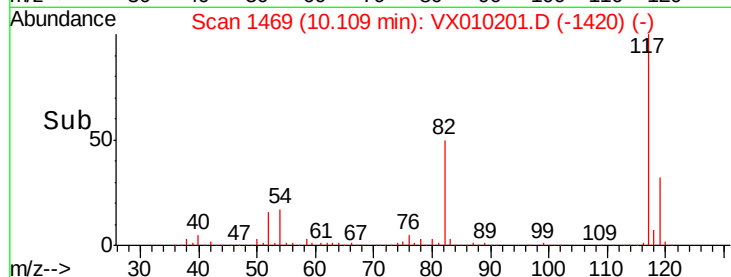
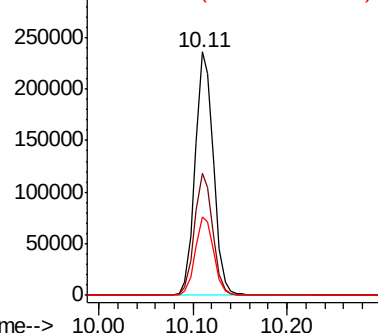
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010201.D
Acq: 11 Jun 2019 01:30

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190604DL

Tot Ion:117 Resp: 316970
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.4 25.2 37.8

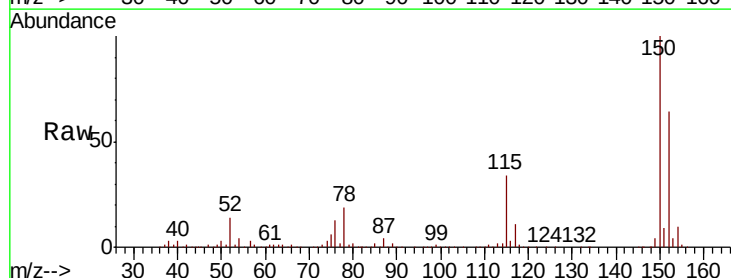


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

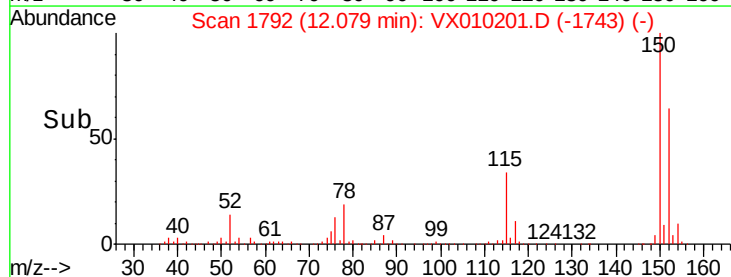
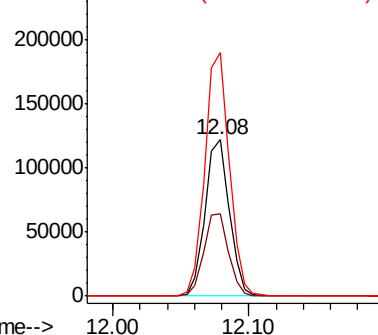


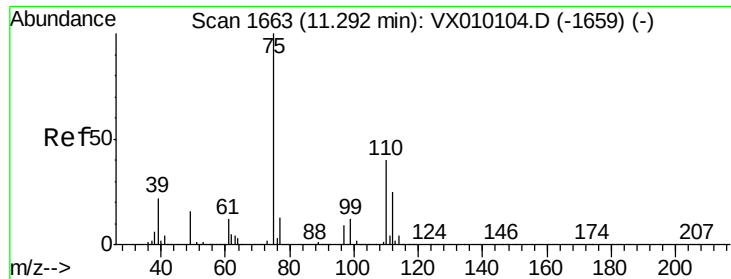
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010201.D
Acq: 11 Jun 2019 01:30

Tgt Ion:152 Resp: 151758
Ion Ratio Lower Upper
152 100
115 53.6 41.4 124.2
150 156.3 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





#76

1,2,3-Trichloropropane

Concen: 21.673 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

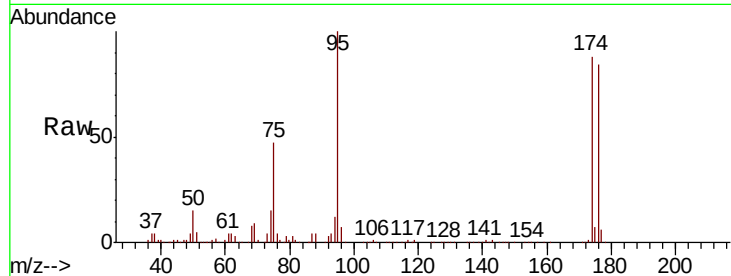
RE126D2-20190604DL

Tot Ion: 75 Resp: 65787

Ion Ratio Lower Upper

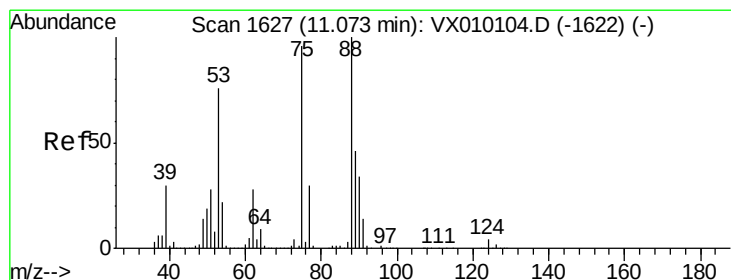
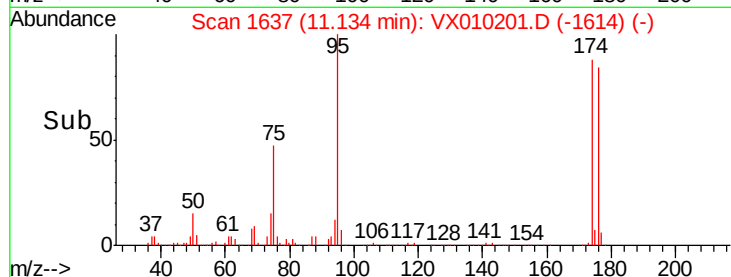
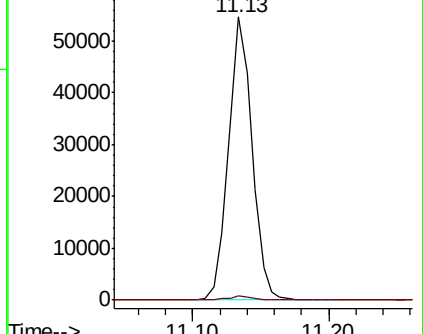
75 100

77 1.3 22.1 66.1#



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: 47.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010201.D

Acq: 11 Jun 2019 01:30

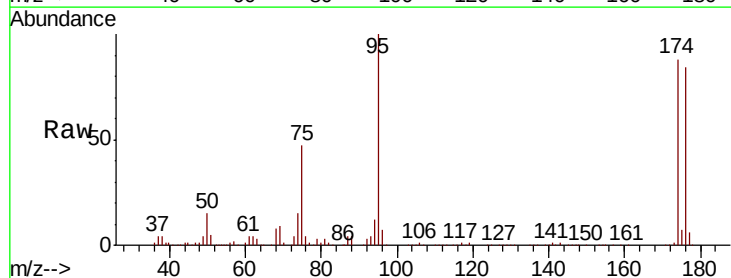
Tgt Ion: 75 Resp: 65787

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#



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

