

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010587.D
 Acq On : 01 Jul 2019 13:47
 Operator : JC/SP
 Sample : K3565-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0569DL

Quant Time: Jul 02 10:15:22 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

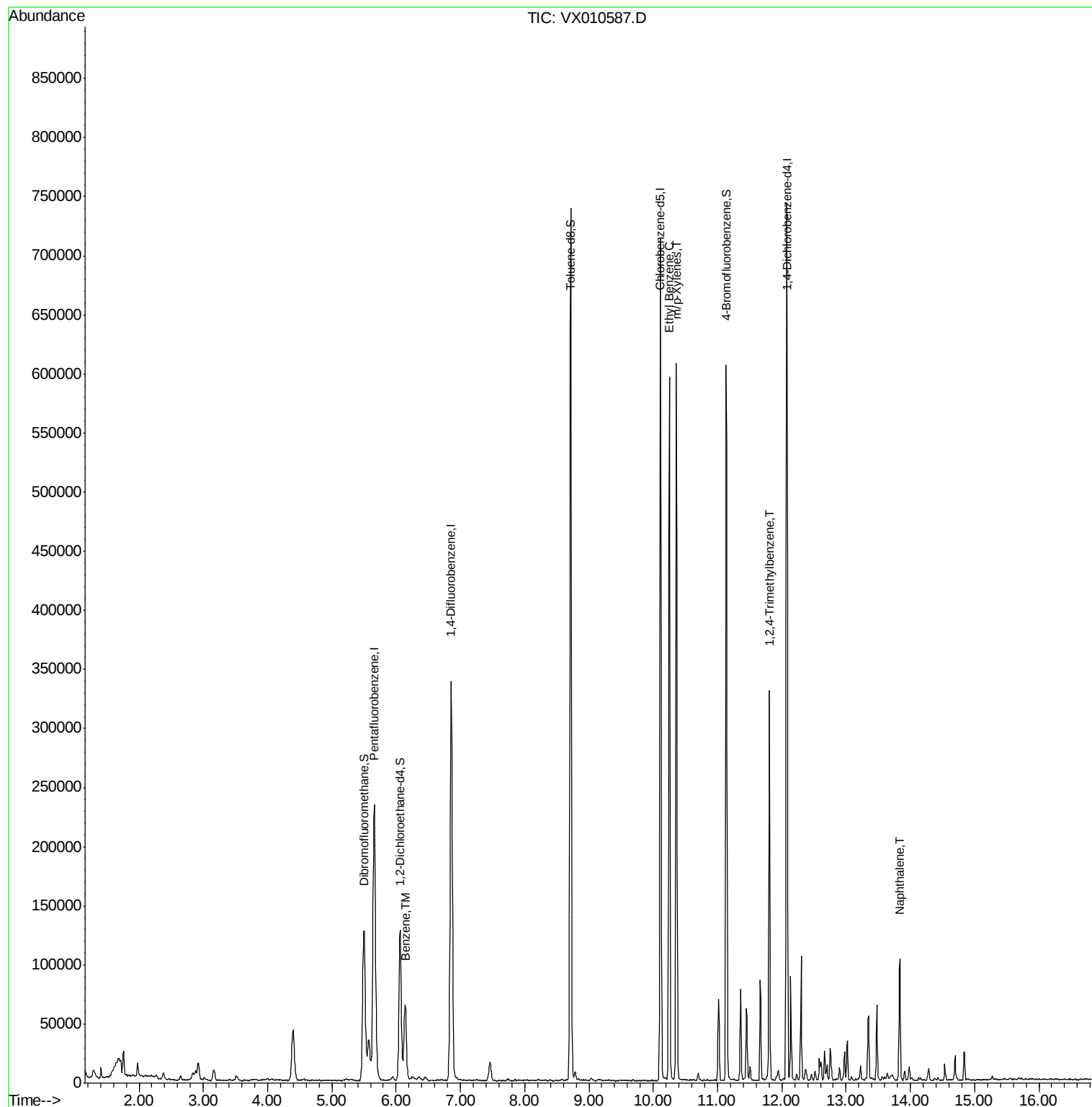
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115890	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	5.49	113	110268	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	439845	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	151435	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
40) Benzene	6.14	78	79707	8.619	ug/l	99
67) Ethyl Benzene	10.25	91	338053	29.012	ug/l	100
68) m/p-Xylenes	10.36	106	140928	31.214	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143394	15.328	ug/l	99
95) Naphthalene	13.83	128	65775	5.641	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

MSVOA_X

ClientSampleID :

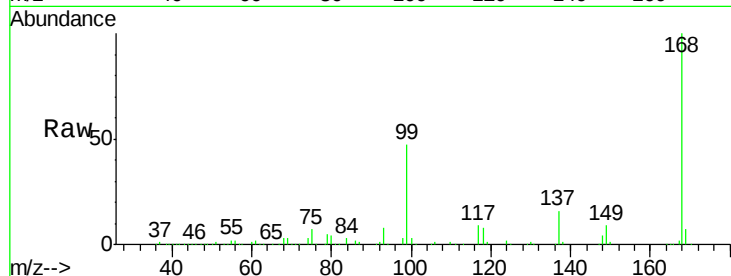
FL-0569DL

Tot Ion:168 Resp: 243872

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

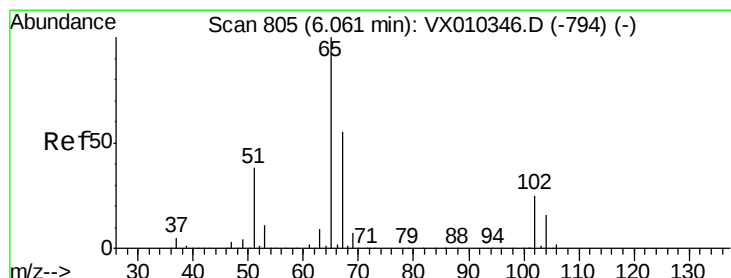
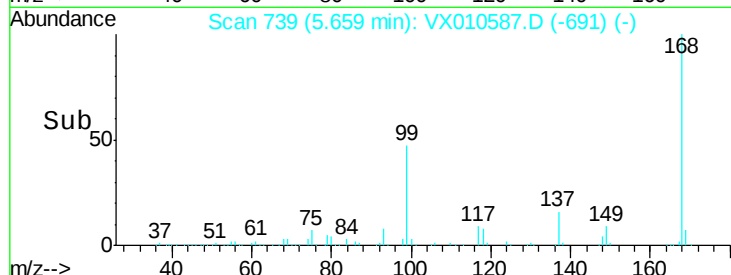
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.684 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010587.D

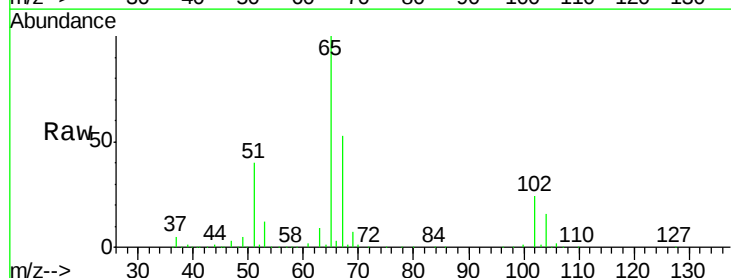
Acq: 01 Jul 2019 13:47

Tgt Ion: 65 Resp: 115890

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

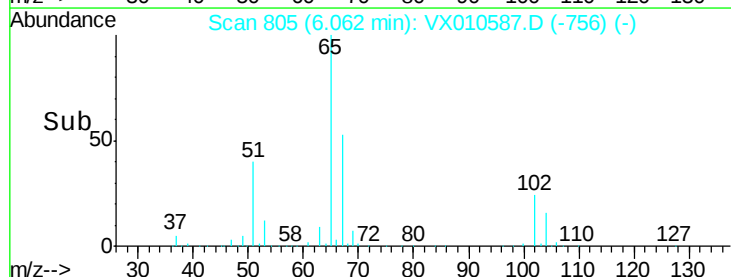
20000

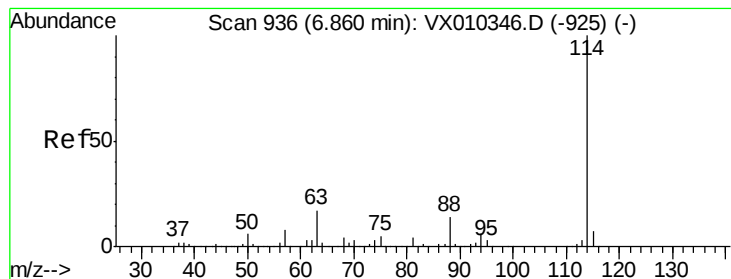
10000

0

Time-->

6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0569DL

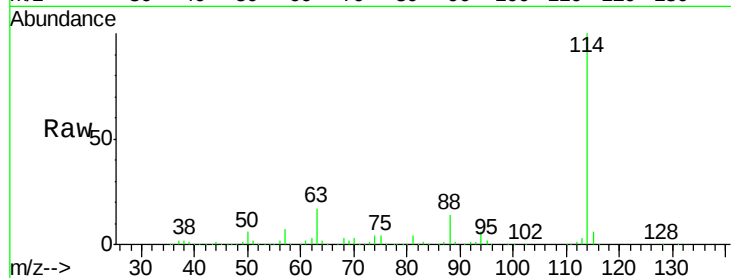
Tot Ion:114 Resp: 373540

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

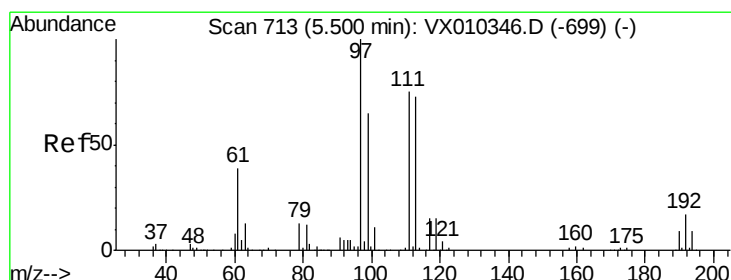
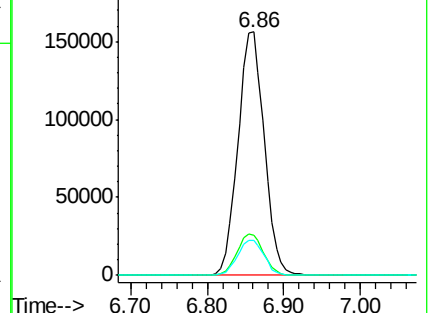
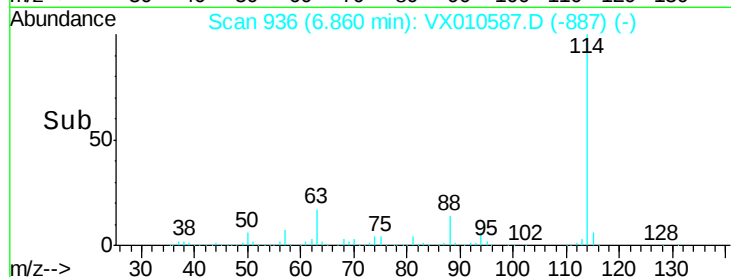
88 14.4 0.0 27.6



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: 48.248 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

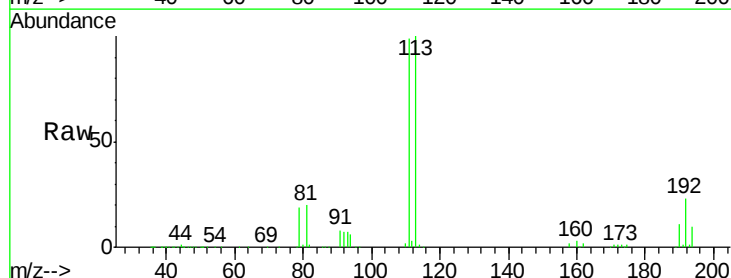
Tgt Ion:113 Resp: 110268

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

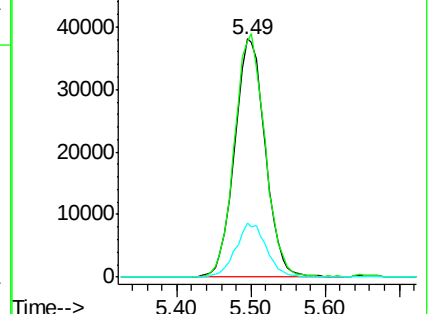
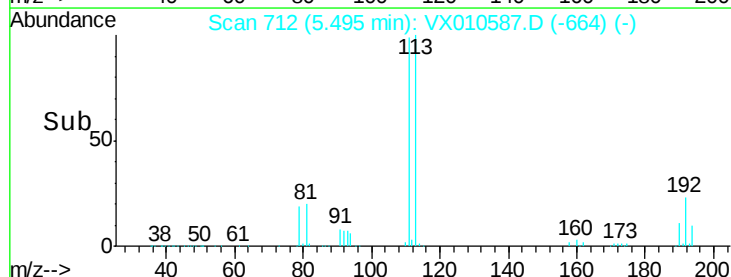
192 22.4 18.6 27.8

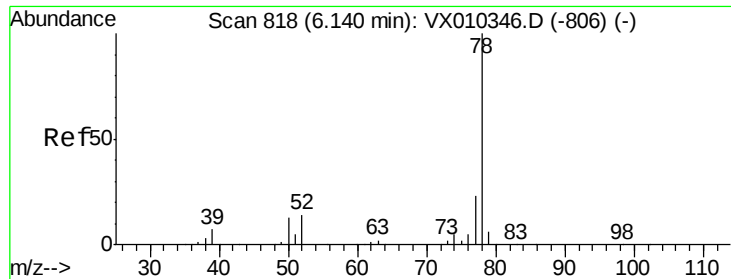


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 8.619 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

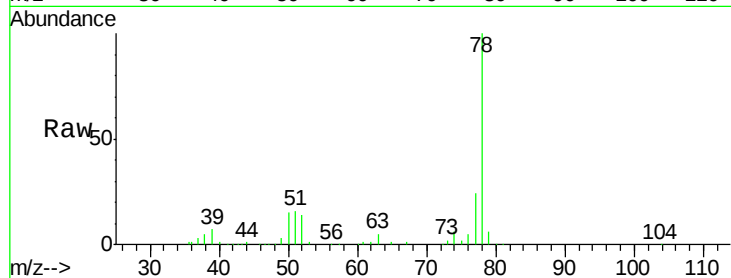
FL-0569DL

Tot Ion: 78 Resp: 79707

Ion Ratio Lower Upper

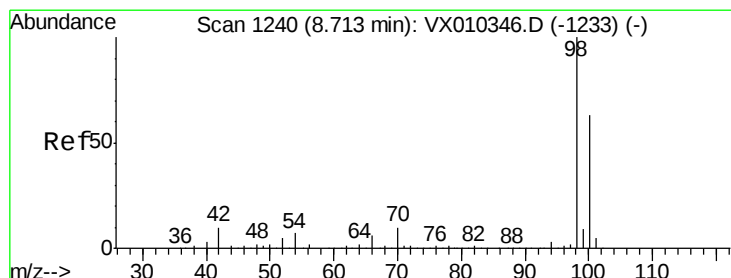
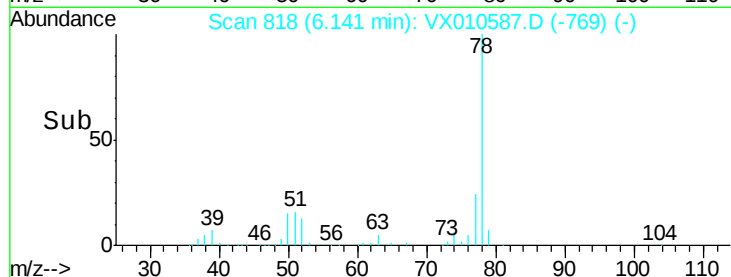
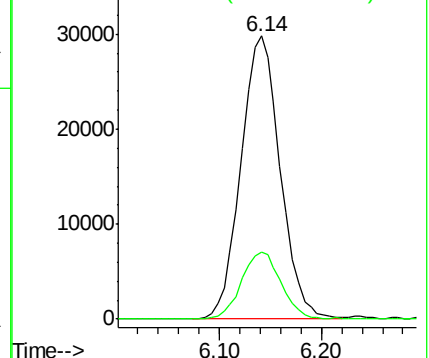
78 100

77 23.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.304 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010587.D

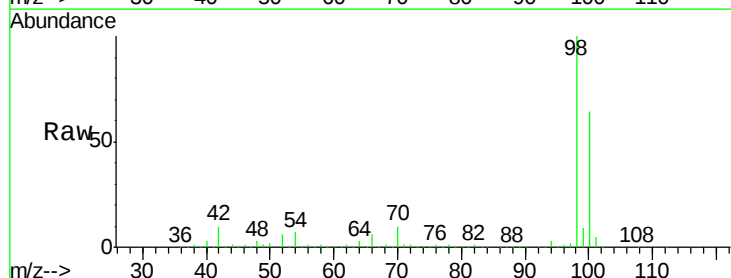
Acq: 01 Jul 2019 13:47

Tgt Ion: 98 Resp: 439845

Ion Ratio Lower Upper

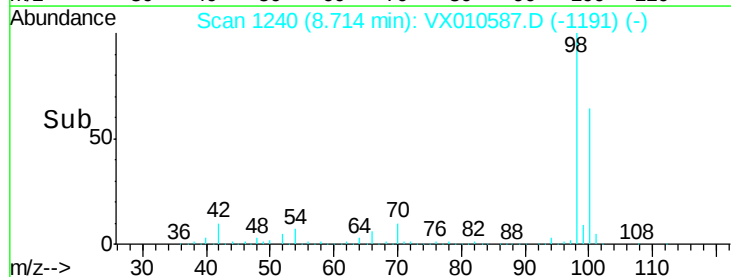
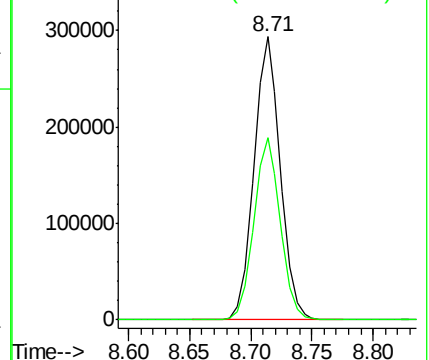
98 100

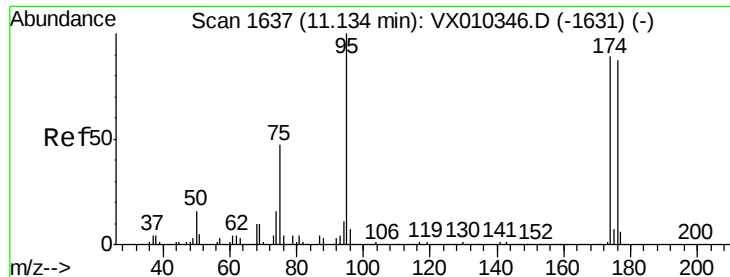
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.972 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0569DL

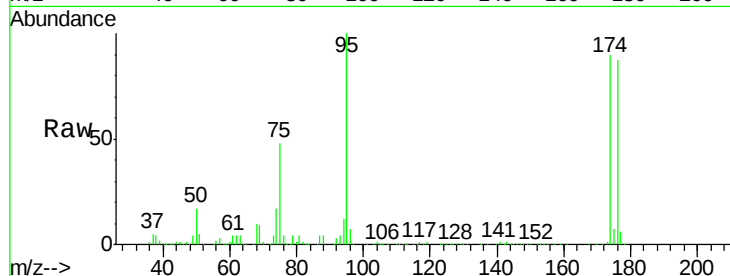
Tot Ion: 95 Resp: 151435

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.6

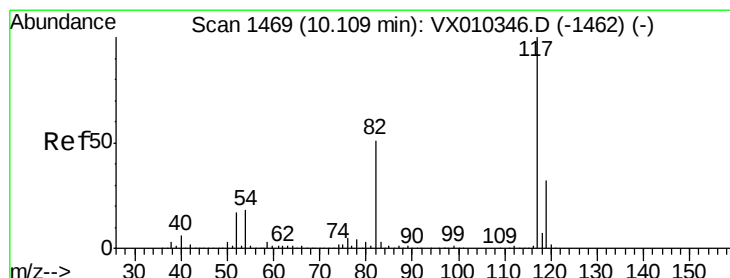
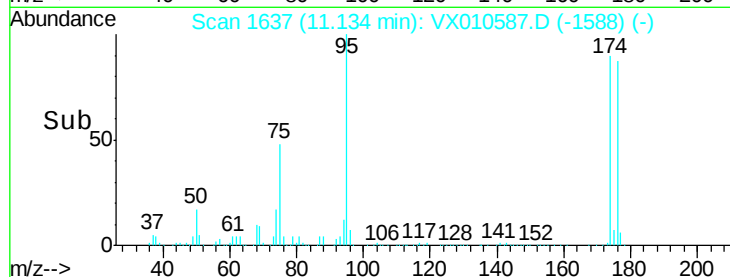
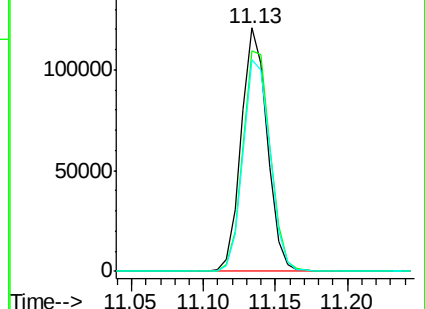
176 90.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

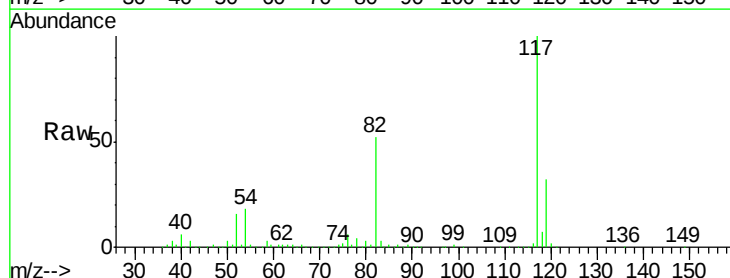
Tgt Ion: 117 Resp: 339971

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

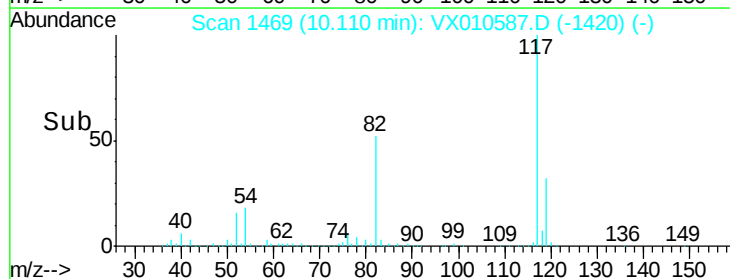
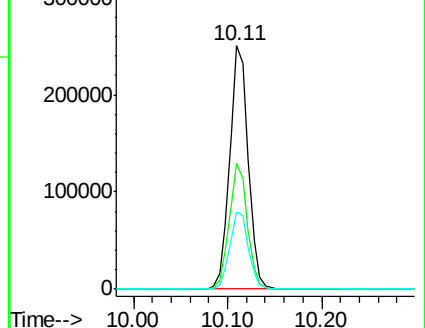
119 31.8 25.5 38.3

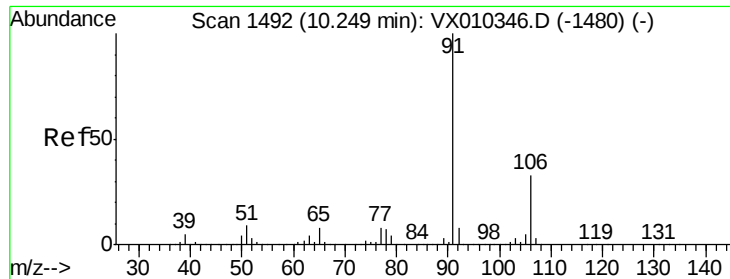


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

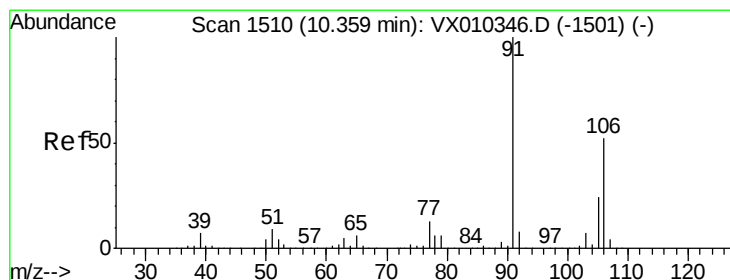
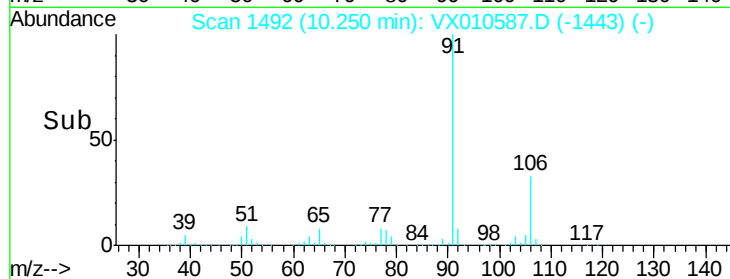
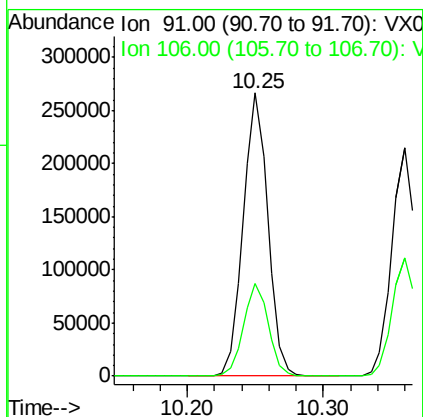
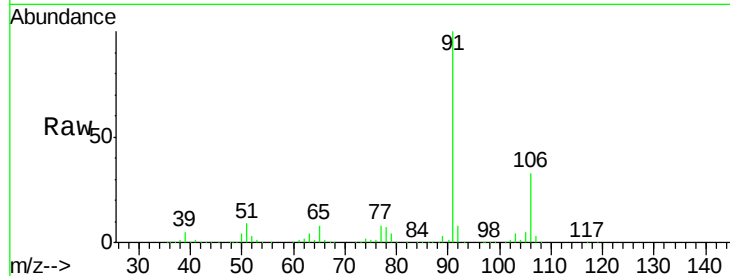




#67
Ethyl Benzene
Concen: 29.012 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010587.D
Acq: 01 Jul 2019 13:47

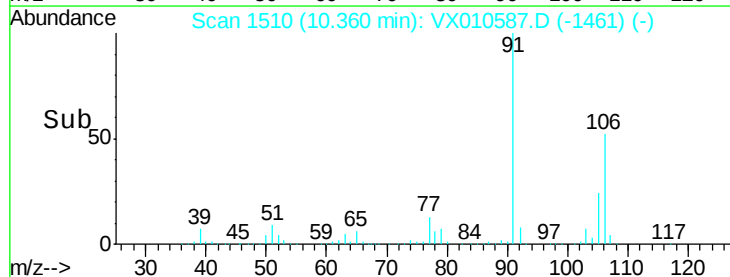
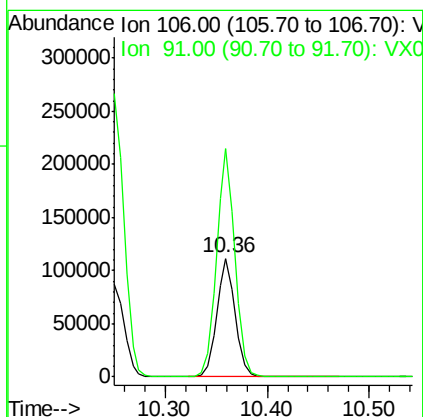
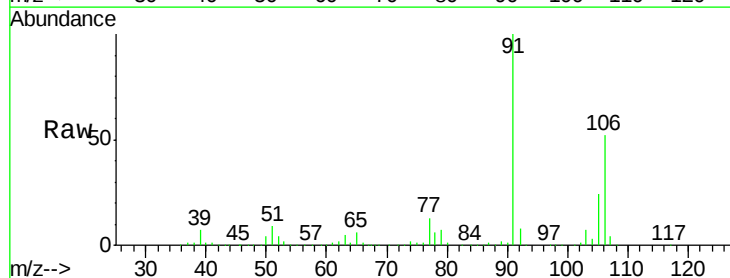
Instrument :
MSVOA_X
ClientSampleID :
FL-0569DL

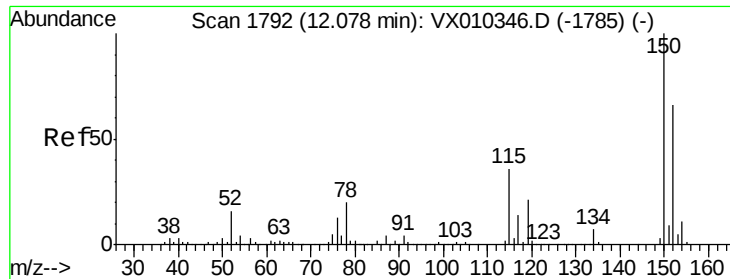
Tot Ion: 91 Resp: 338053
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2



#68
m/p-Xylenes
Concen: 31.214 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010587.D
Acq: 01 Jul 2019 13:47

Tgt Ion: 106 Resp: 140928
Ion Ratio Lower Upper
106 100
91 192.3 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0569DL

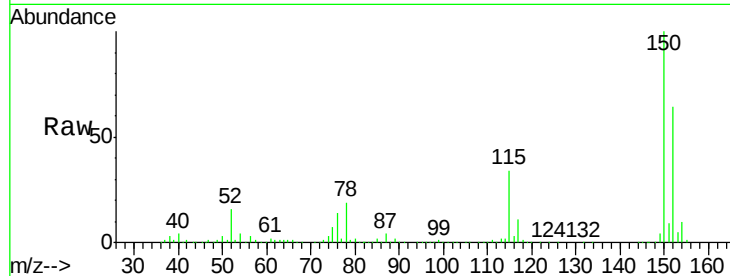
Tot Ion:152 Resp: 166628

Ion Ratio Lower Upper

152 100

115 54.0 38.6 115.7

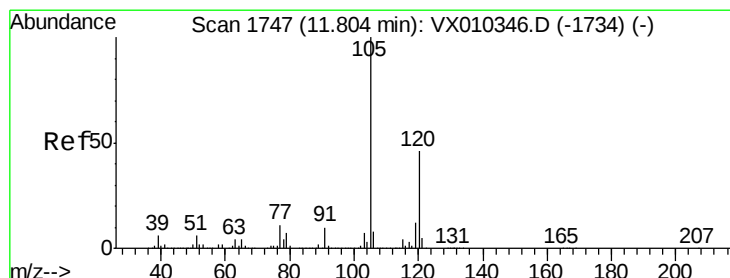
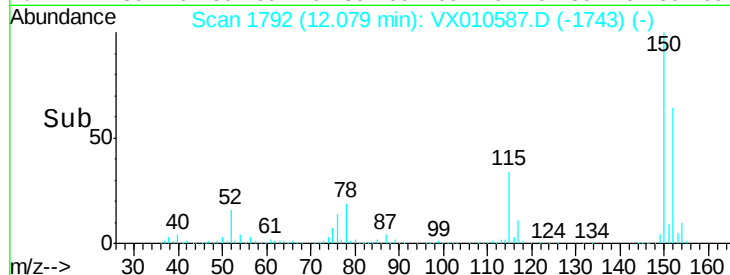
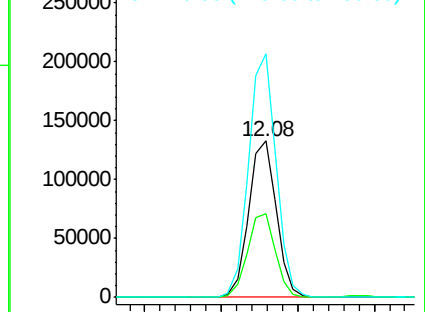
150 154.4 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 15.328 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010587.D

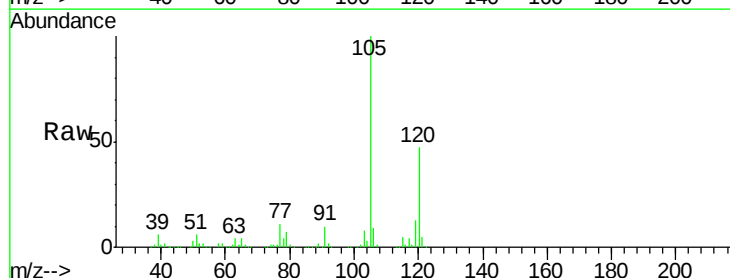
Acq: 01 Jul 2019 13:47

Tgt Ion:105 Resp: 143394

Ion Ratio Lower Upper

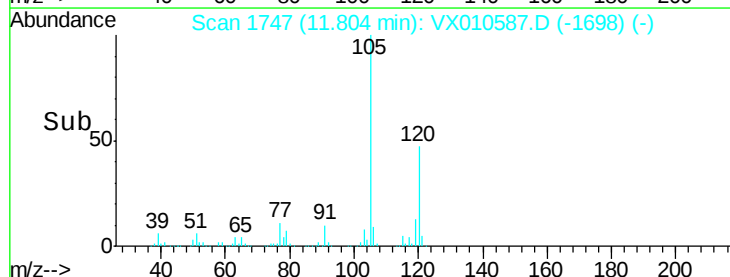
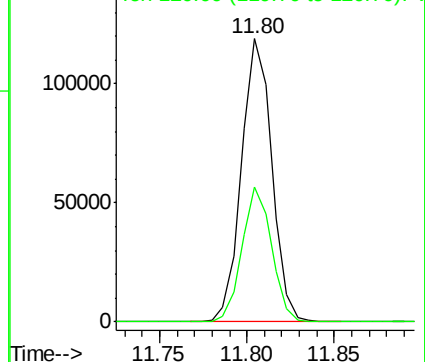
105 100

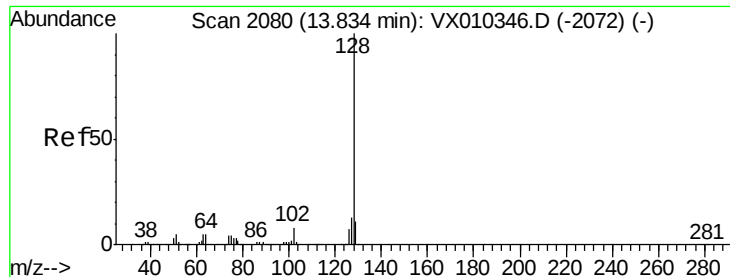
120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.641 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010587.D

Acq: 01 Jul 2019 13:47

Instrument :

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FL-0569DL

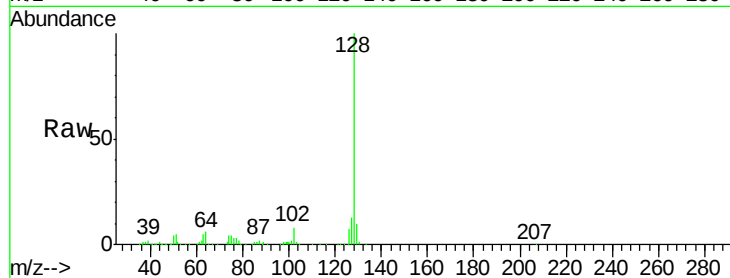
Tot Ion:128 Resp: 65775

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

