

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011876.D
 Acq On : 28 Aug 2019 18:50
 Operator : SY/SP
 Sample : VX0828SBL02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBL02

Quant Time: Aug 29 12:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

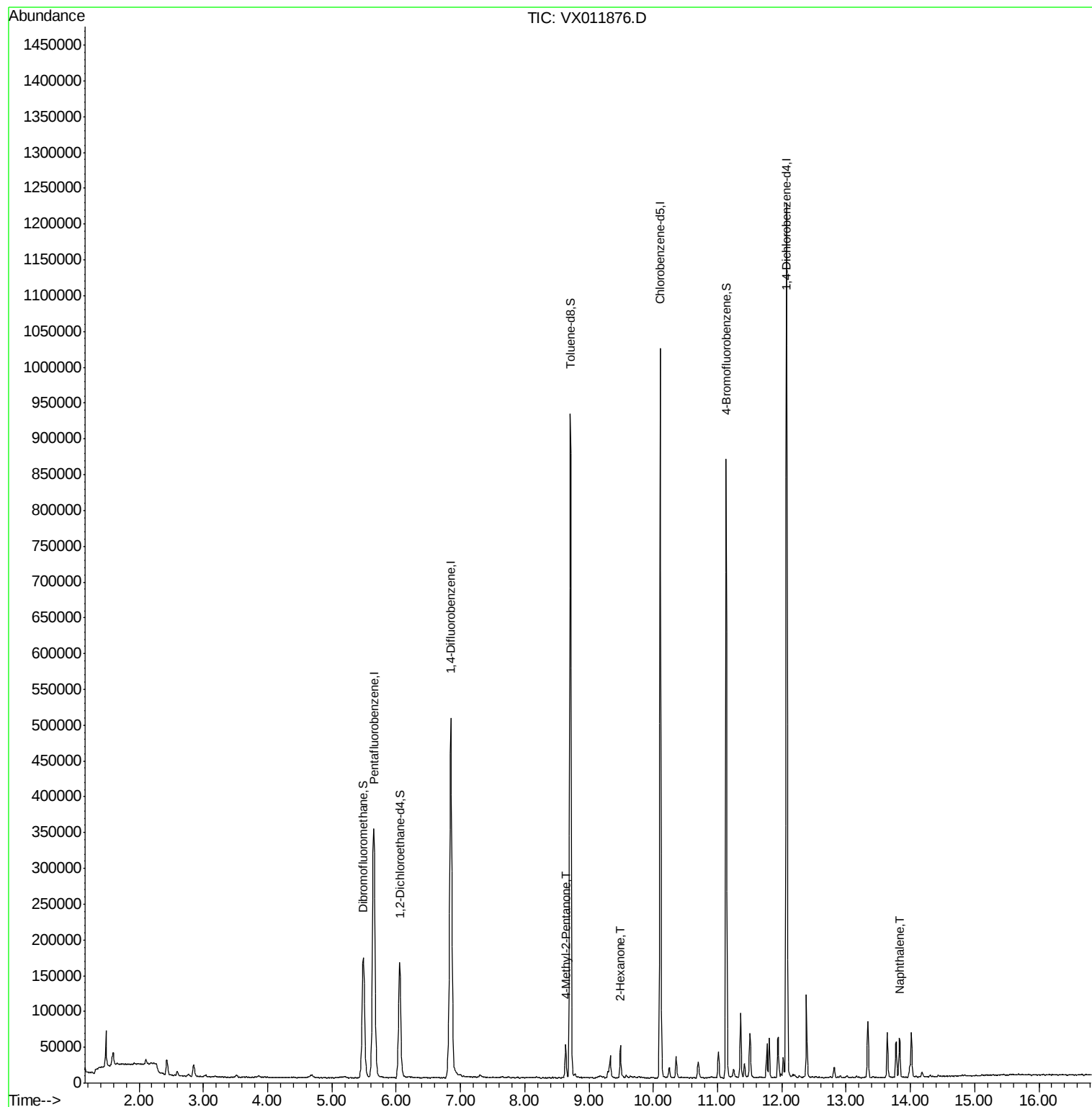
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	369055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	511003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	154283	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	5.49	113	138199	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
50) Toluene-d8	8.71	98	544514	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.13	95	211346	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
51) 4-Methyl-2-Pentanone	8.63	43	27911	19.954	ug/l	98
59) 2-Hexanone	9.49	43	25668	28.715	ug/l	98
95) Naphthalene	13.83	128	34114	6.626	ug/l	99

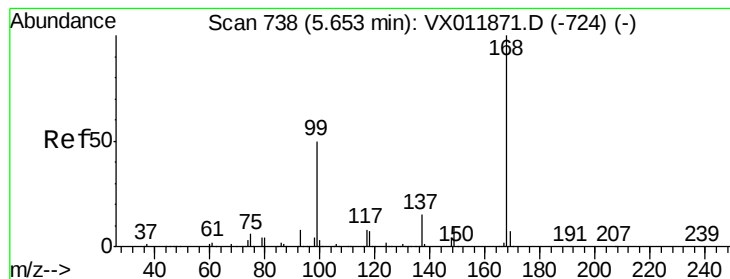
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 28 15:10:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

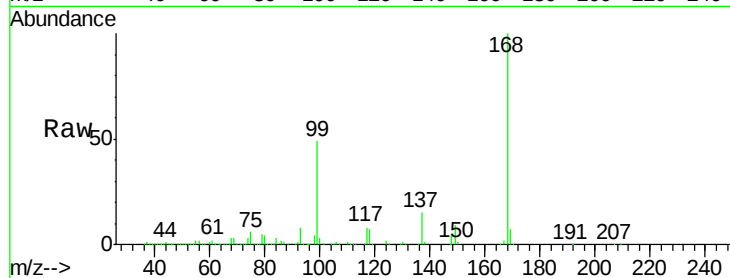
VX0828SBL02

Tot Ion:168 Resp: 369055

Ion Ratio Lower Upper

168 100

99 48.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

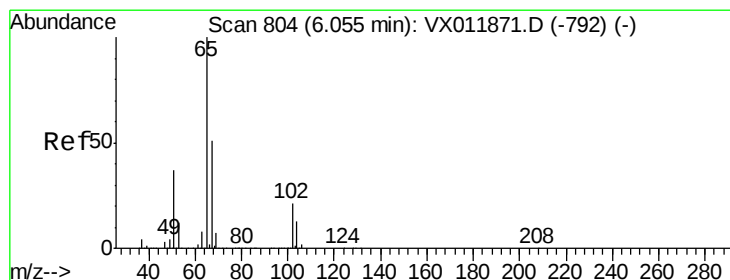
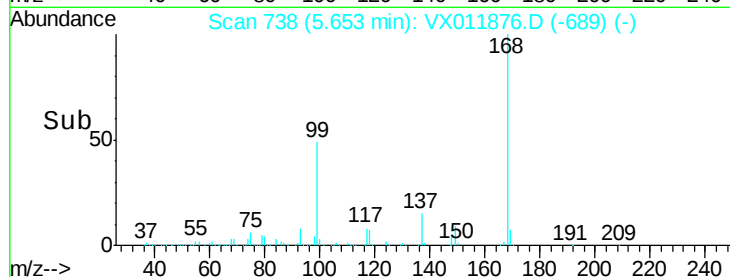
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 47.108 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011876.D

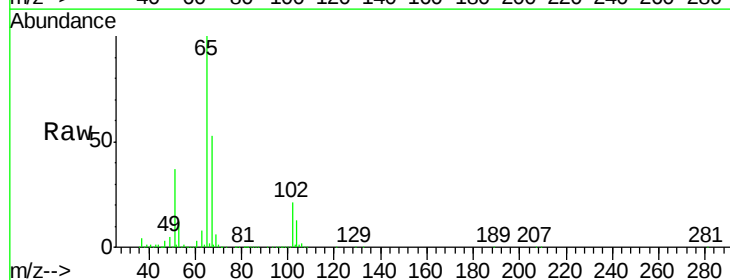
Acq: 28 Aug 2019 18:50

Tgt Ion: 65 Resp: 154283

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

60000

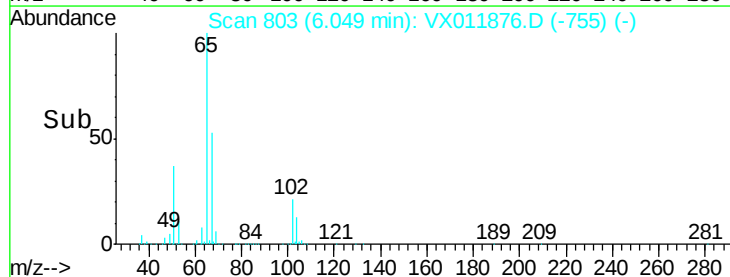
40000

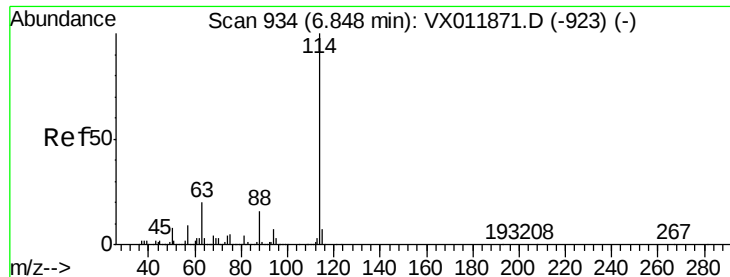
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL02

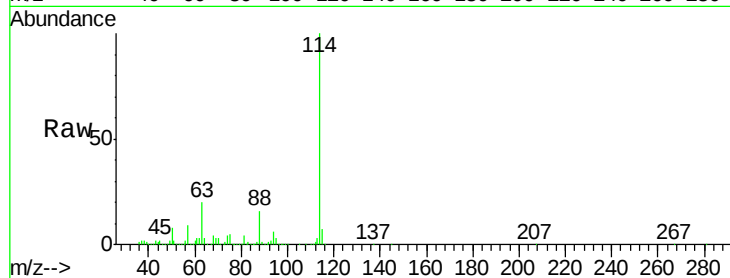
Tot Ion:114 Resp: 511003

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

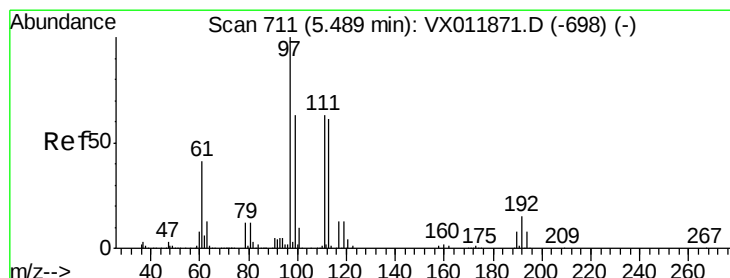
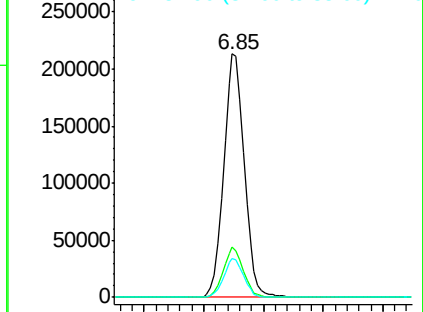
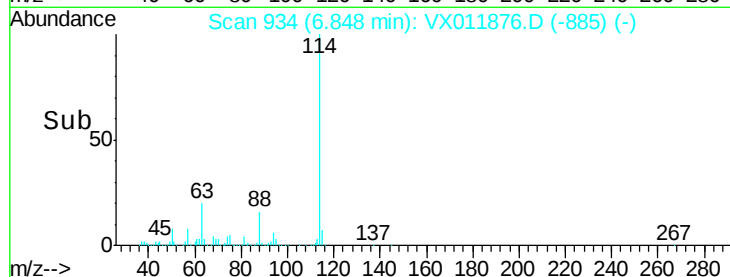
88 15.8 0.0 31.6



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: 44.503 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

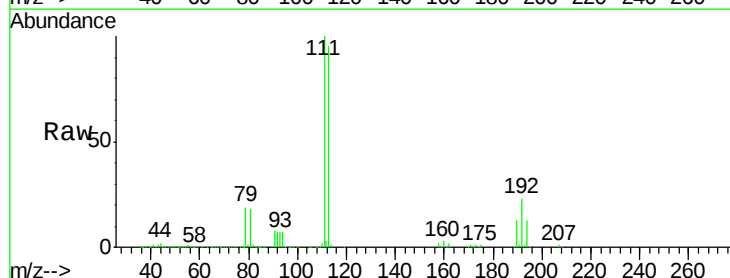
Tgt Ion:113 Resp: 138199

Ion Ratio Lower Upper

113 100

111 103.0 80.9 121.3

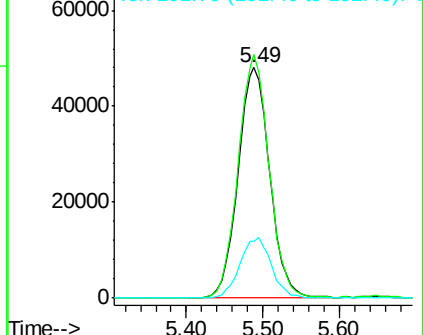
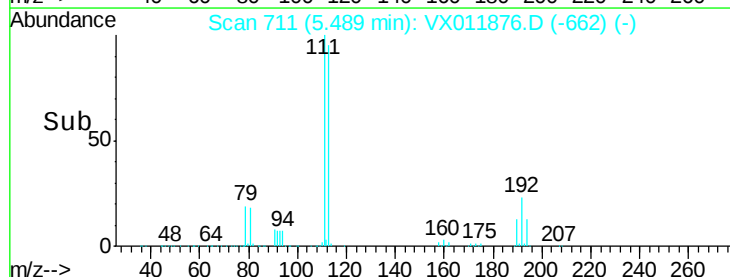
192 26.1 20.6 30.8

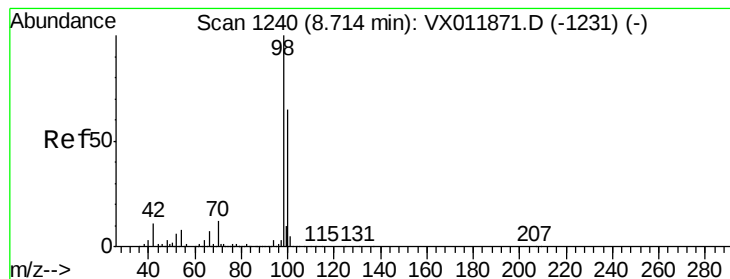


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.104 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

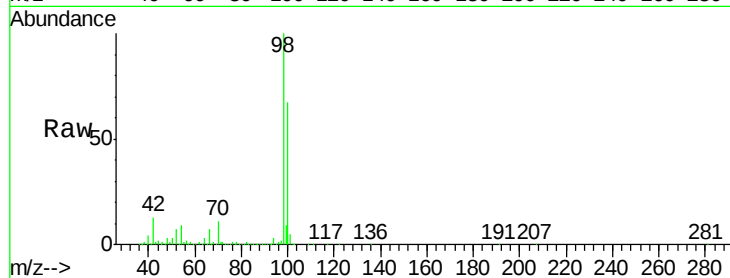
VX0828SBL02

Tot Ion: 98 Resp: 544514

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

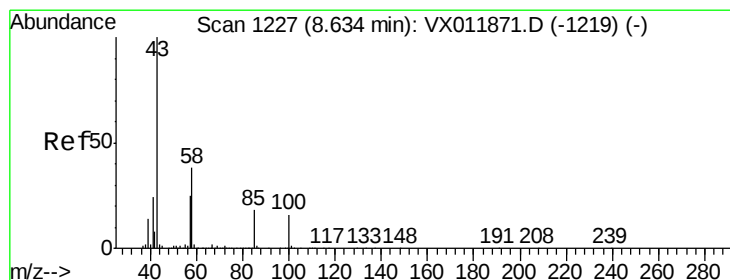
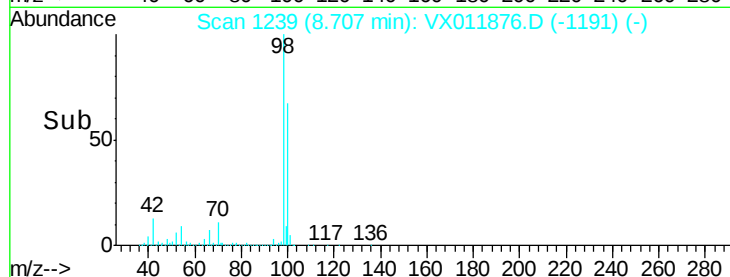
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 19.954 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VX011876.D

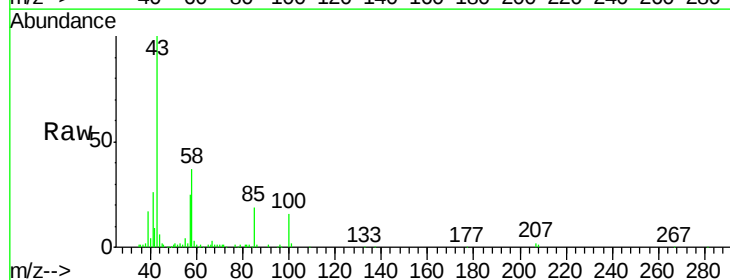
Acq: 28 Aug 2019 18:50

Tgt Ion: 43 Resp: 27911

Ion Ratio Lower Upper

43 100

58 39.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

20000

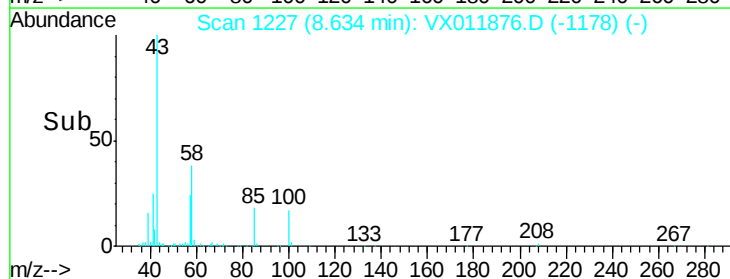
15000

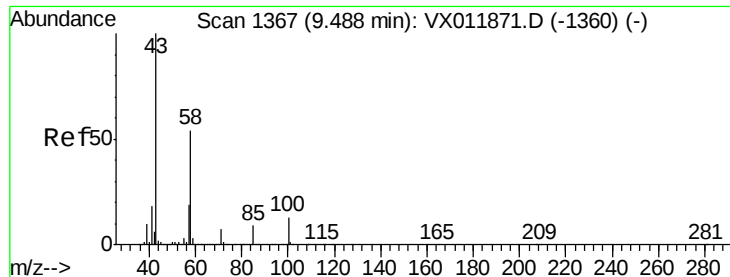
10000

5000

0

Time-->

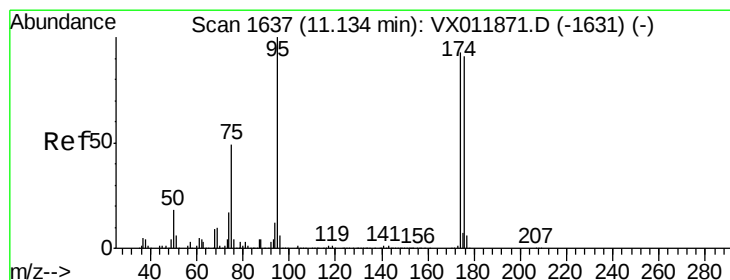
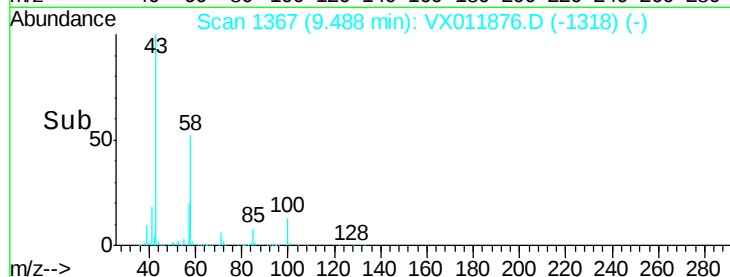
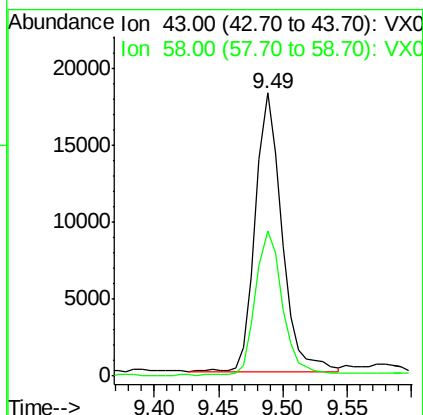
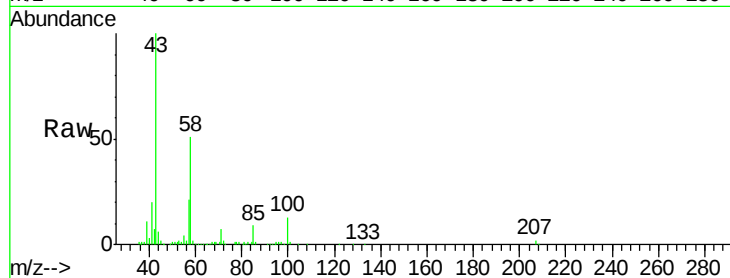




#59
2-Hexanone
Concen: 28.715 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

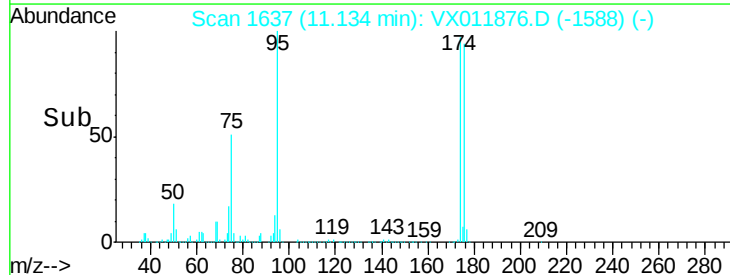
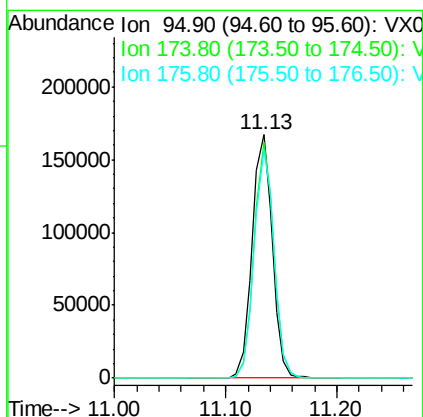
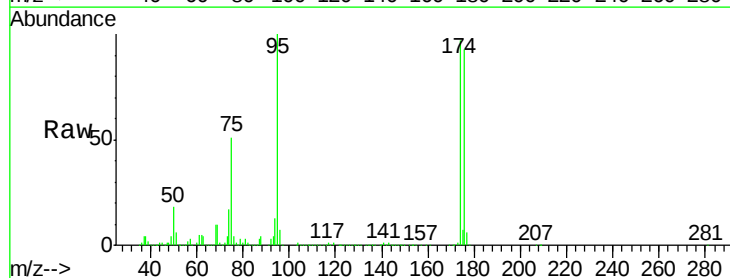
Instrument :
MSVOA_X
ClientSampleId :
VX0828SBL02

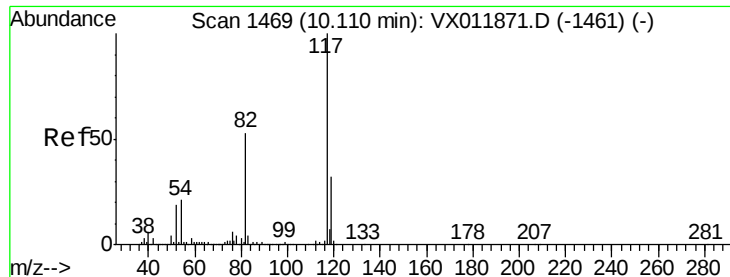
Tot Ion: 43 Resp: 25668
Ion Ratio Lower Upper
43 100
58 54.7 26.7 80.1



#62
4-Bromofluorobenzene
Concen: 45.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

Tgt Ion: 95 Resp: 211346
Ion Ratio Lower Upper
95 100
174 94.7 0.0 189.2
176 92.4 0.0 185.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL02

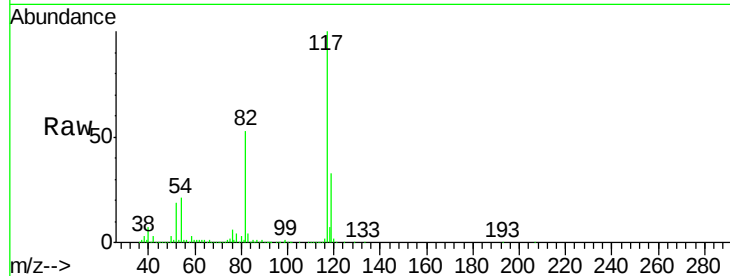
Tot Ion:117 Resp: 461611

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

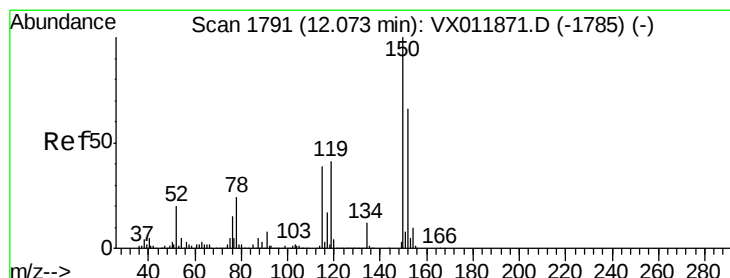
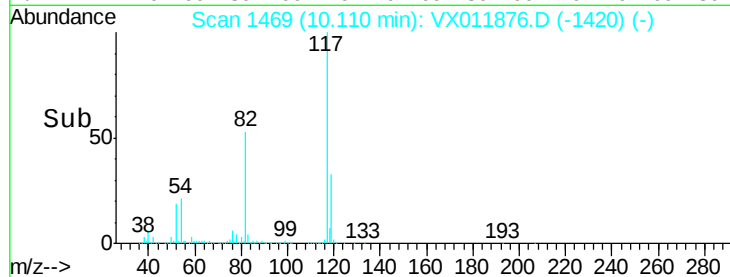
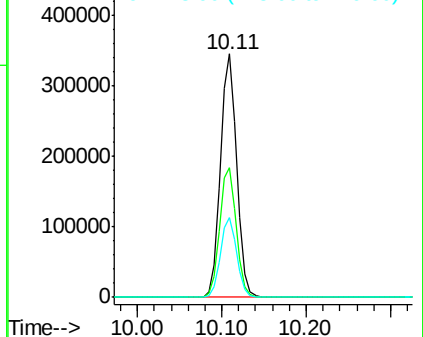
119 33.0 25.5 38.3



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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

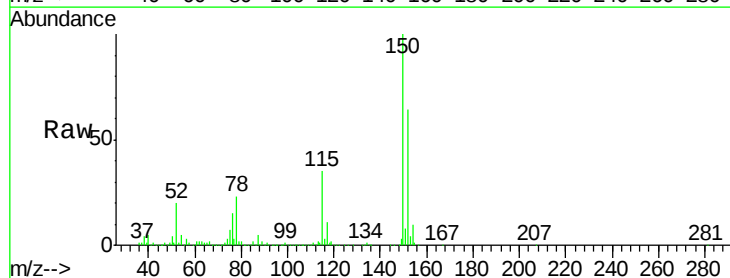
Tgt Ion:152 Resp: 250010

Ion Ratio Lower Upper

152 100

115 55.0 36.0 108.1

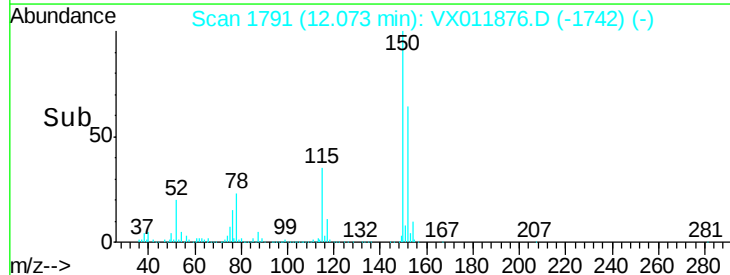
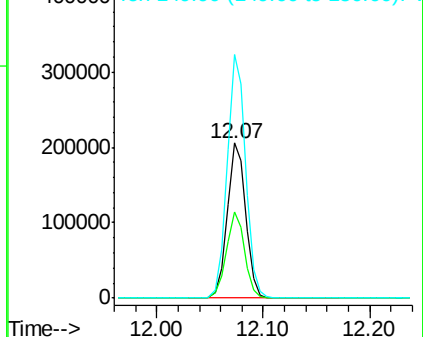
150 156.5 0.0 341.4

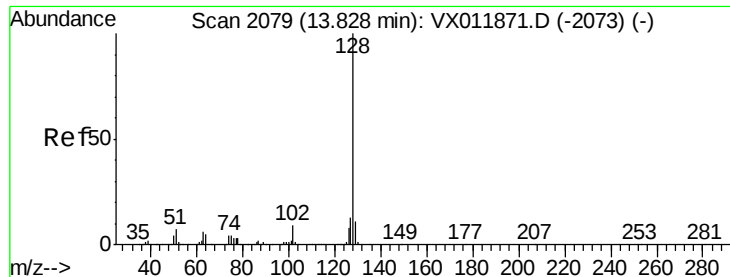


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.626 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL02

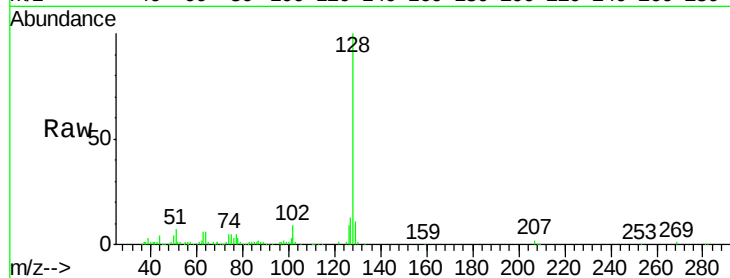
Tot Ion:128 Resp: 34114

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.4 9.0 13.4



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

