

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011633.D
 Acq On : 19 Aug 2019 15:42
 Operator : JC/SP
 Sample : K4351-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-ER-2019-1

Quant Time: Aug 20 11:03:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

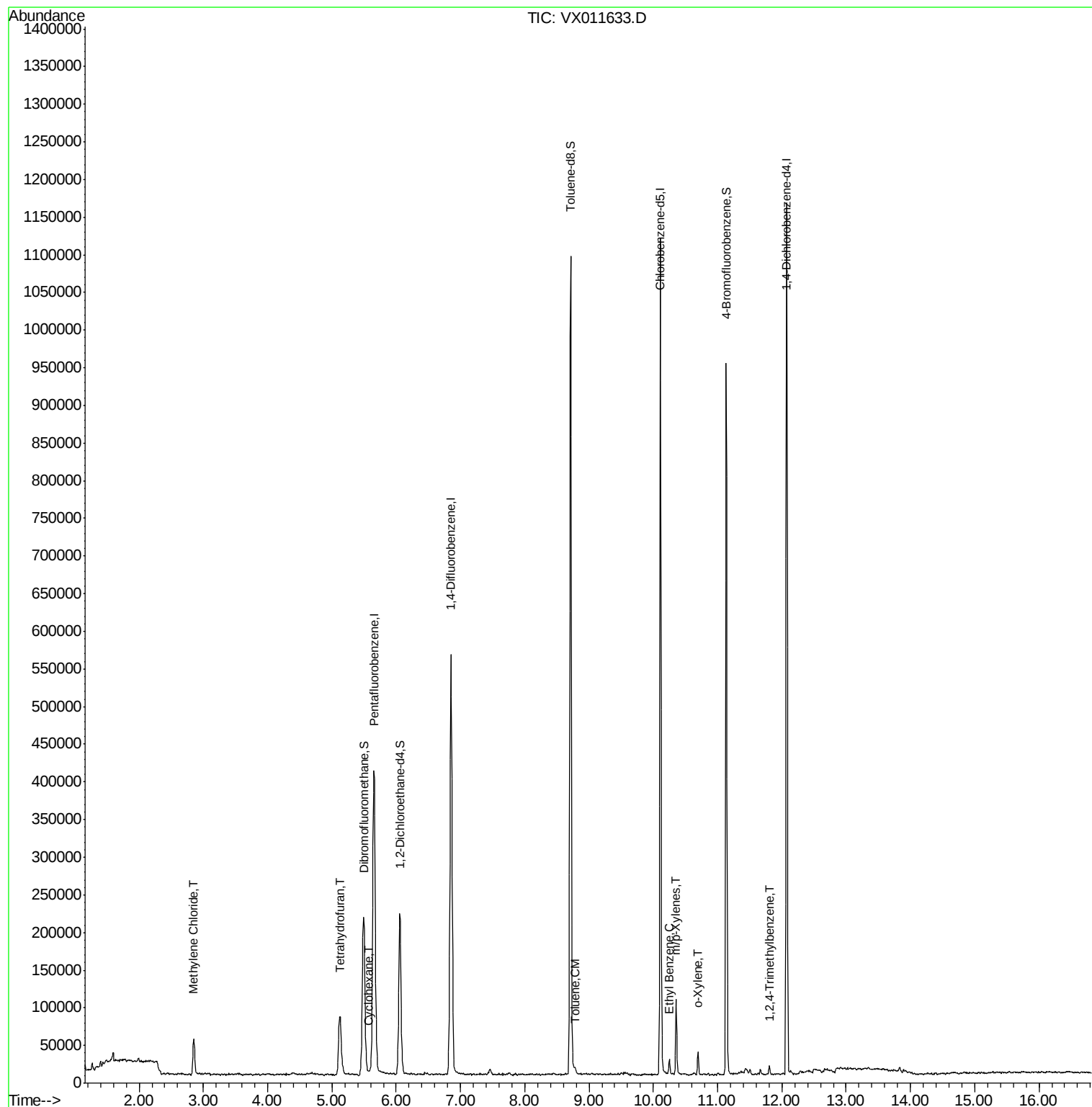
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	443514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	602977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	529640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	205697	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	5.49	113	179061	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
50) Toluene-d8	8.71	98	680892	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
62) 4-Bromofluorobenzene	11.13	95	239993	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.85	84	24142	5.560	ug/l	96
29) Tetrahydrofuran	5.12	42	79541	37.347	ug/l	97
31) Cyclohexane	5.57	56	3013	0.494	ug/l	92
52) Toluene	8.79	92	2093	0.205	ug/l	99
67) Ethyl Benzene	10.25	91	12134	0.644	ug/l	97
68) m/p-Xylenes	10.35	106	24435	3.376	ug/l	98
69) o-Xylene	10.69	106	7392	1.043	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	5875	0.403	ug/l	100

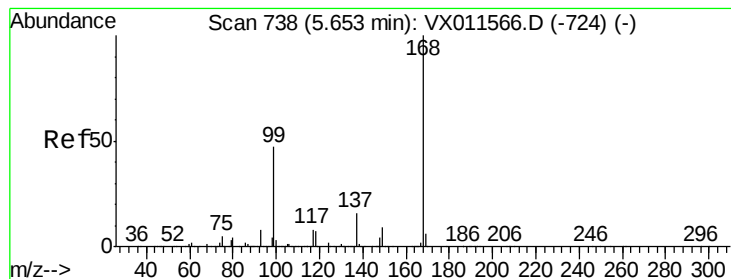
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081919\
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

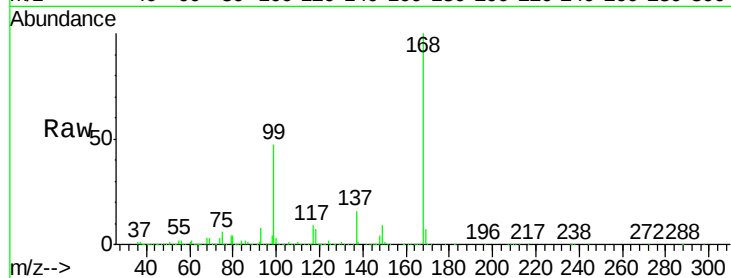
PH2-ER-2019-1

Tot Ion:168 Resp: 443514

Ion Ratio Lower Upper

168 100

99 47.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

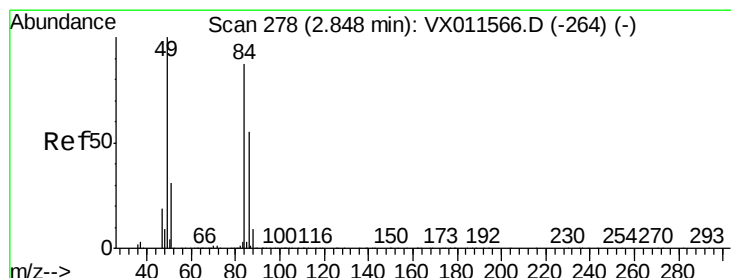
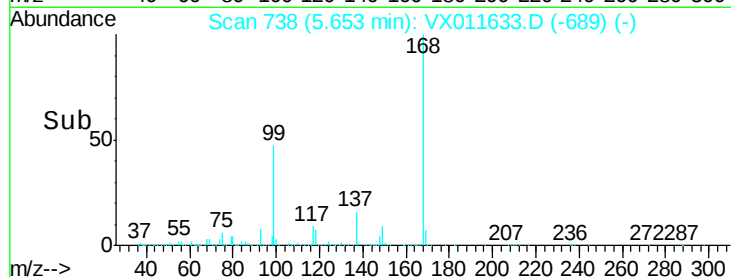
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.560 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

Tgt Ion: 84 Resp: 24142

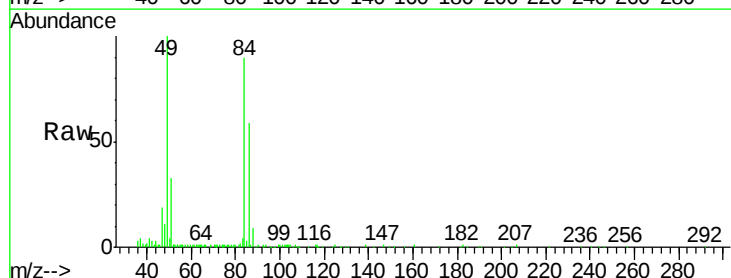
Ion Ratio Lower Upper

84 100

49 109.0 92.4 138.6

51 35.4 28.5 42.7

86 65.0 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

20000

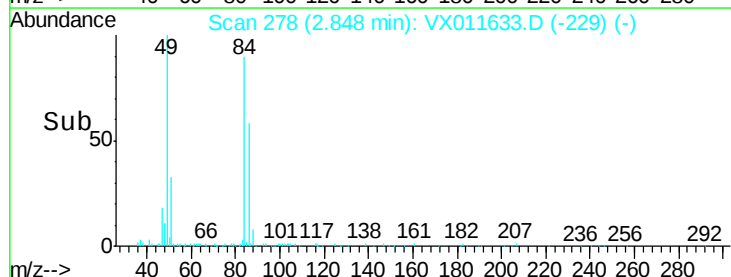
15000

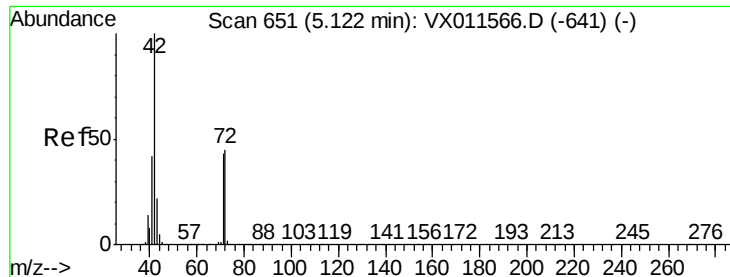
10000

5000

0

Time-->





#29

Tetrahydrofuran

Concen: 37.347 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

PH2-ER-2019-1

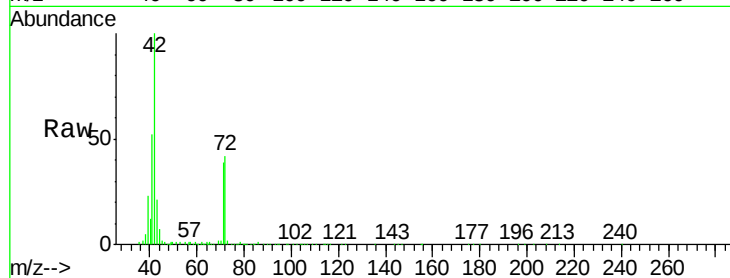
Tot Ion: 42 Resp: 79541

Ion Ratio Lower Upper

42 100

72 43.2 36.1 54.1

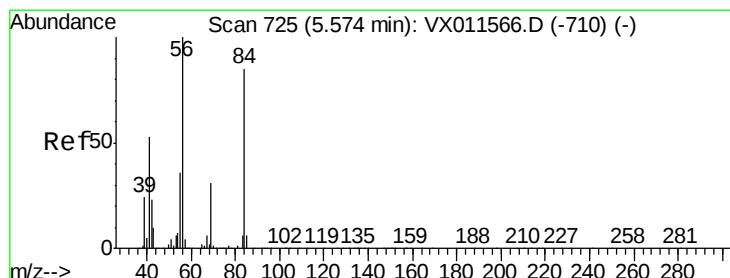
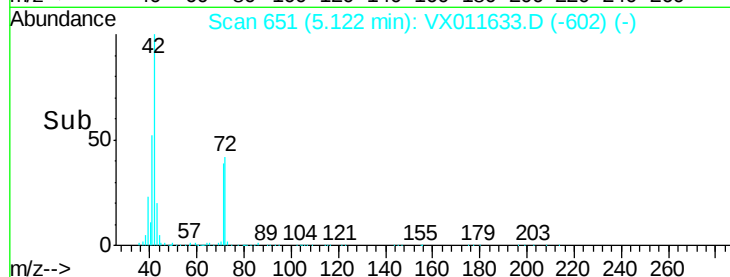
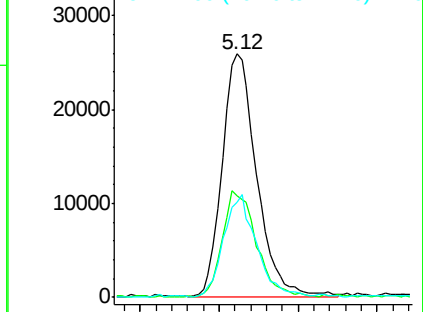
71 40.1 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.494 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

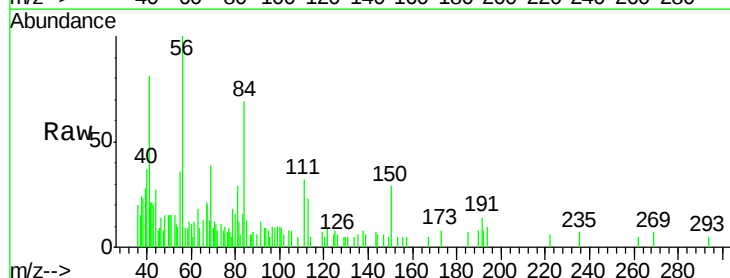
Tgt Ion: 56 Resp: 3013

Ion Ratio Lower Upper

56 100

69 36.9 24.8 37.2

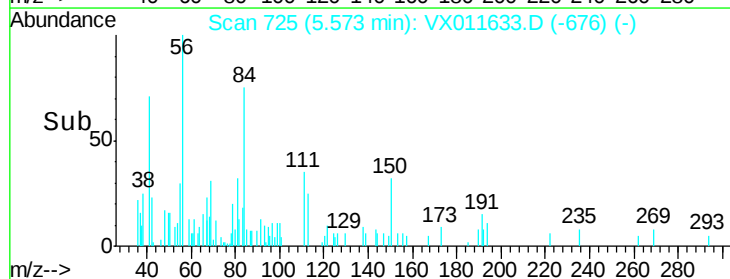
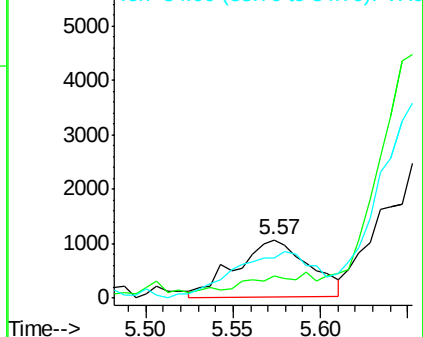
84 78.4 67.9 101.9

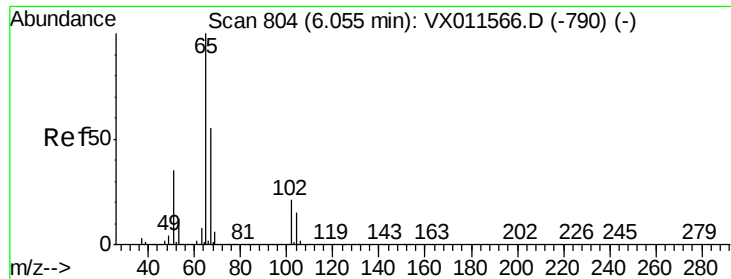


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

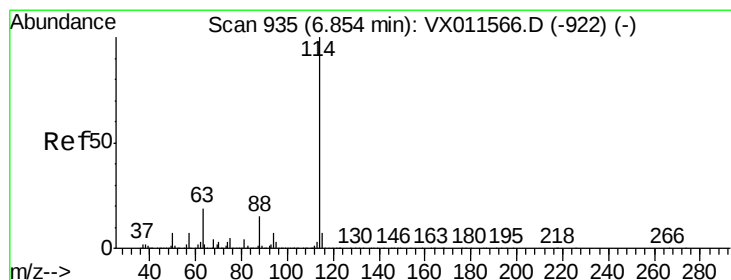
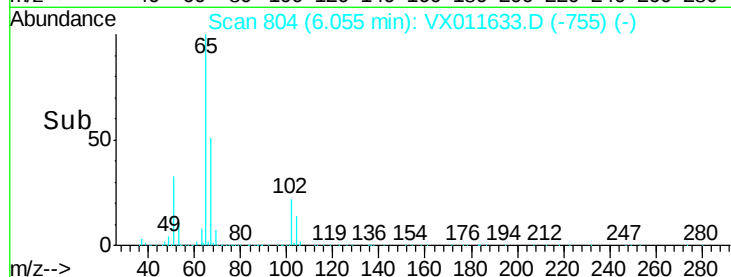
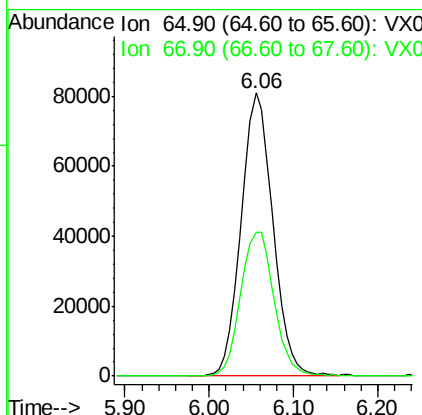
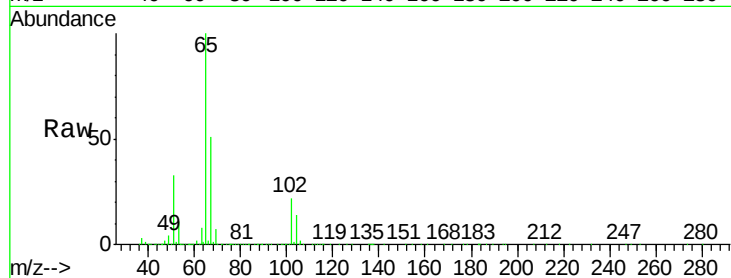




#33
 1,2-Dichloroethane-d4
 Concen: 50.012 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011633.D
 Acq: 19 Aug 2019 15:42

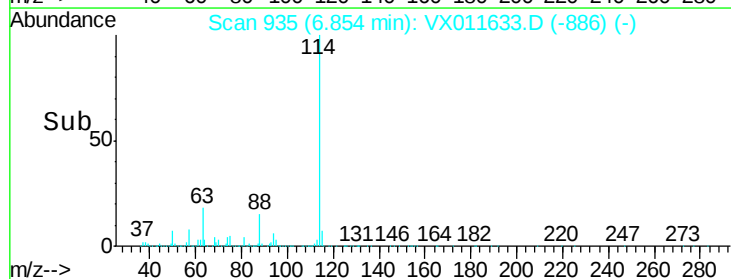
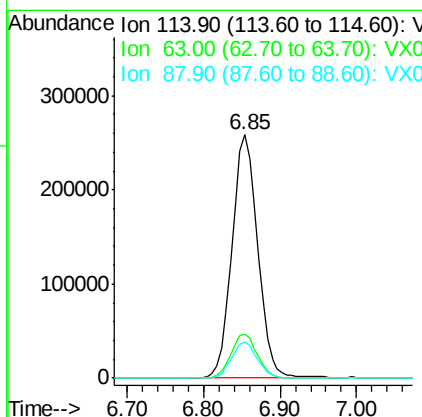
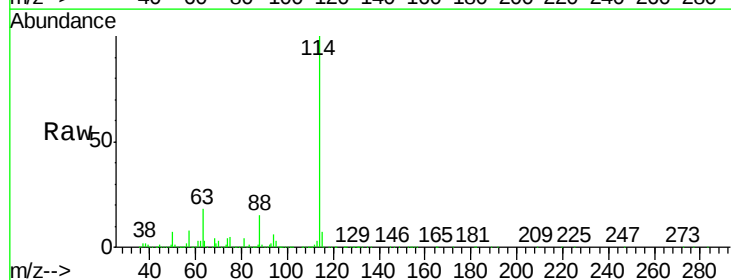
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-ER-2019-1

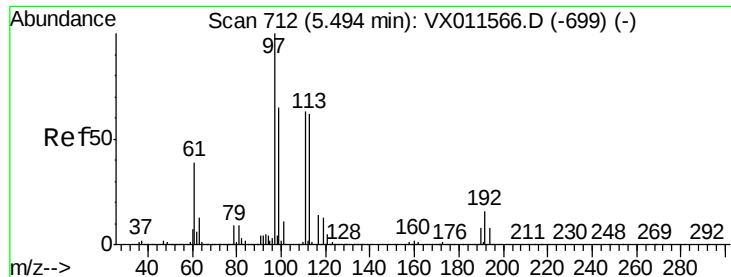
Tot Ion: 65 Resp: 205697
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011633.D
 Acq: 19 Aug 2019 15:42

Tgt Ion: 114 Resp: 602977
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.8
 88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.403 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
PH2-ER-2019-1

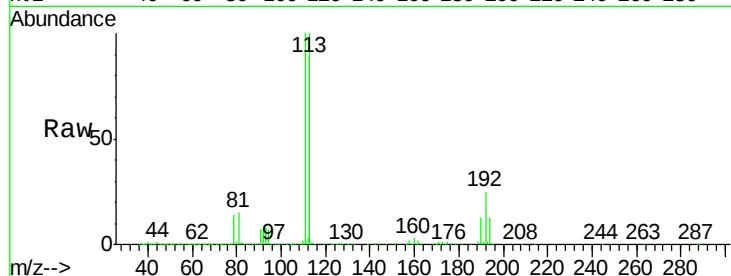
Tot Ion:113 Resp: 179061

Ion Ratio Lower Upper

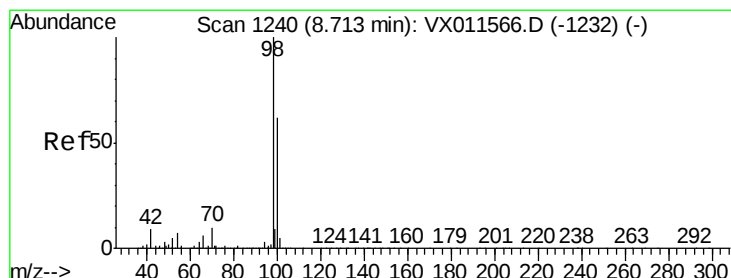
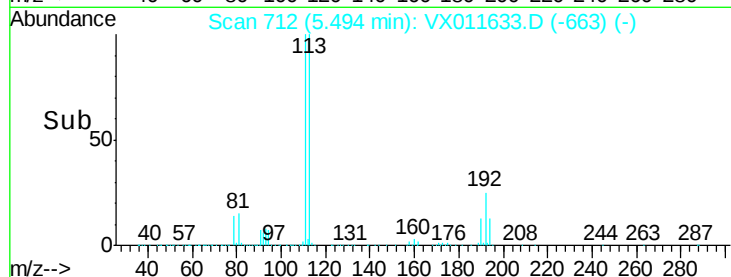
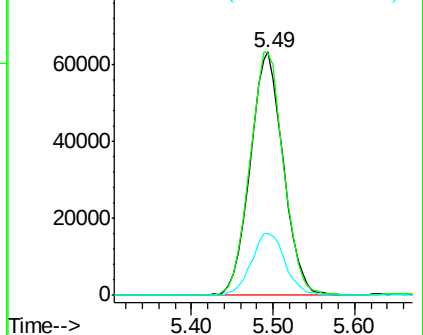
113 100

111 101.5 81.1 121.7

192 26.2 20.8 31.2



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



#50

Toluene-d8

Concen: 55.409 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011633.D

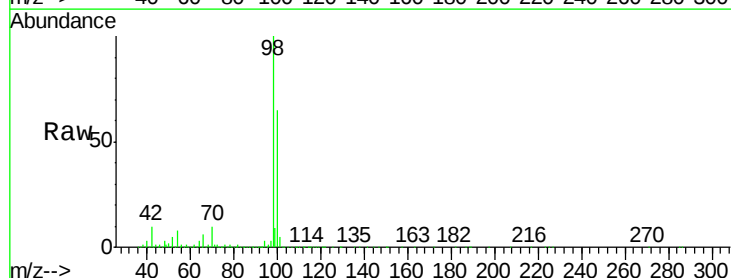
Acq: 19 Aug 2019 15:42

Tgt Ion: 98 Resp: 680892

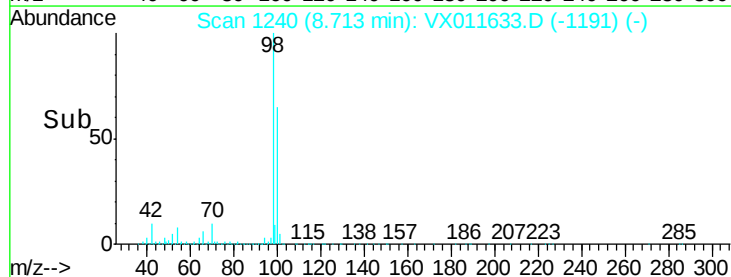
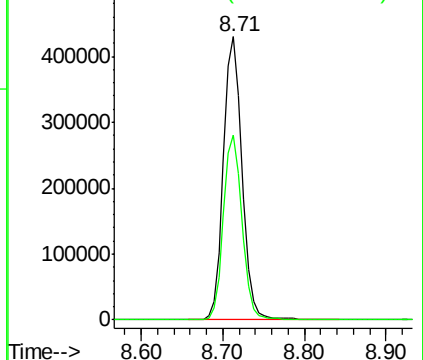
Ion Ratio Lower Upper

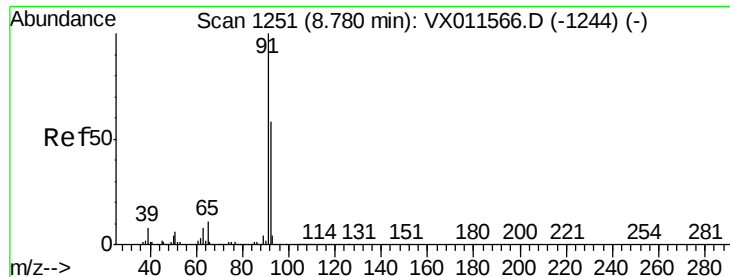
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.205 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

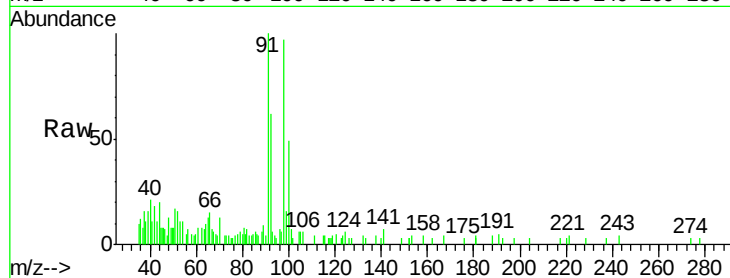
PH2-ER-2019-1

Tot Ion: 92 Resp: 2093

Ion Ratio Lower Upper

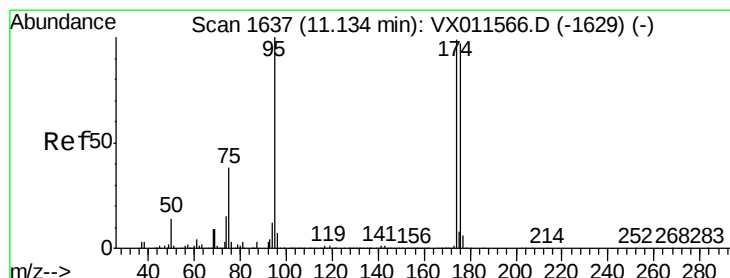
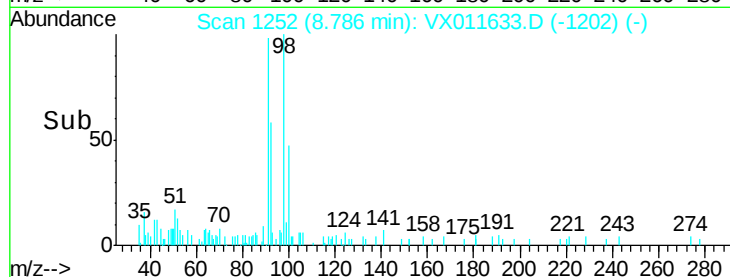
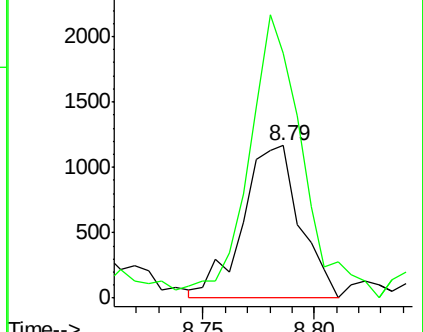
92 100

91 173.4 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.270 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011633.D

Acq: 19 Aug 2019 15:42

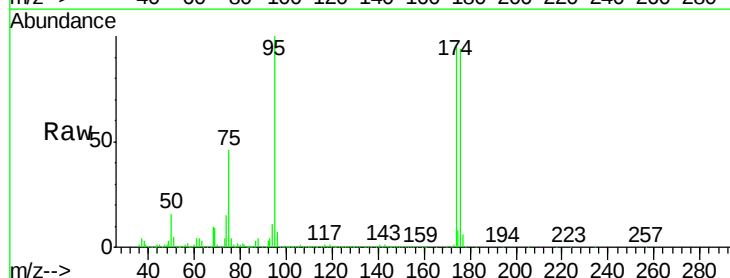
Tgt Ion: 95 Resp: 239993

Ion Ratio Lower Upper

95 100

174 99.8 0.0 200.6

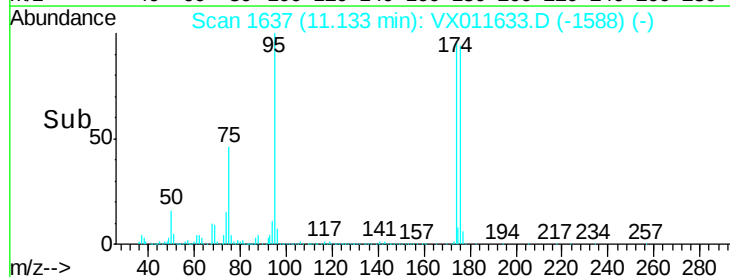
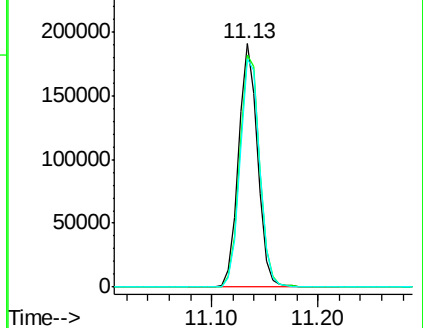
176 97.4 0.0 196.6

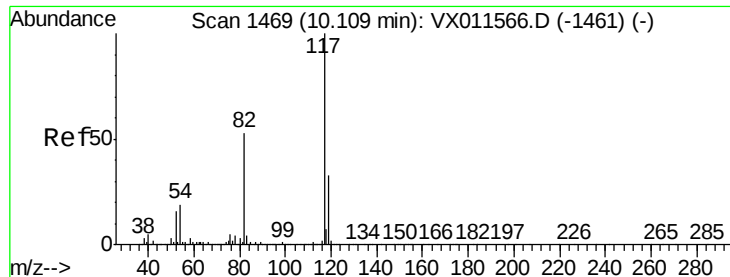


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

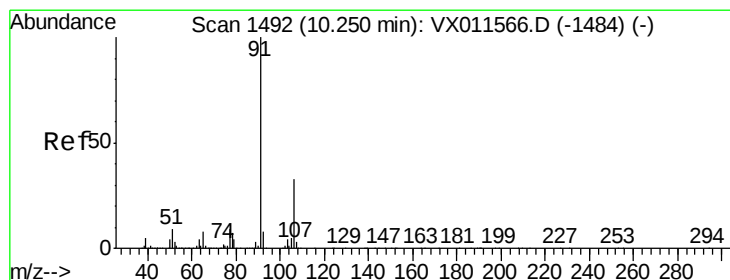
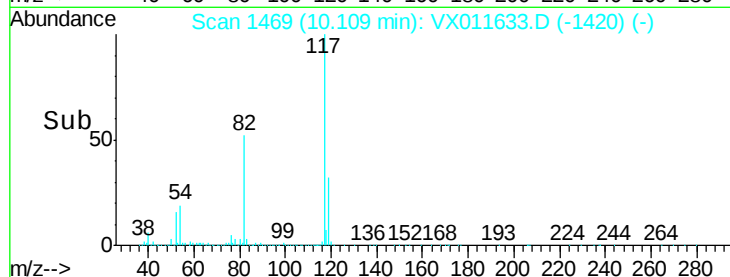
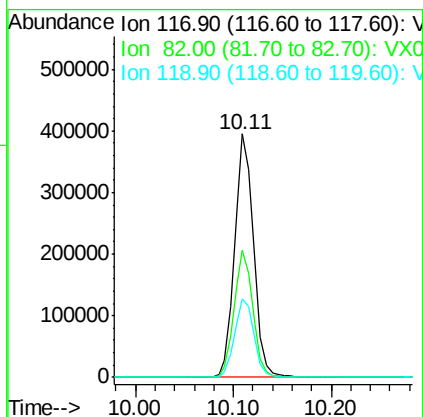
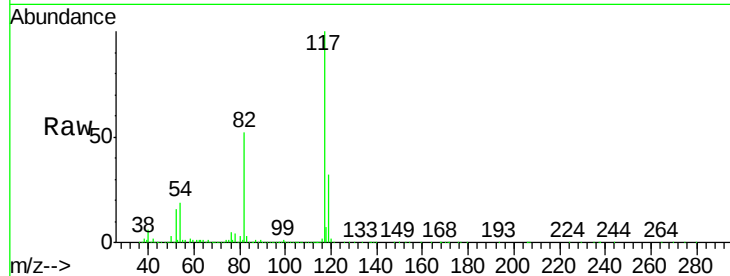




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

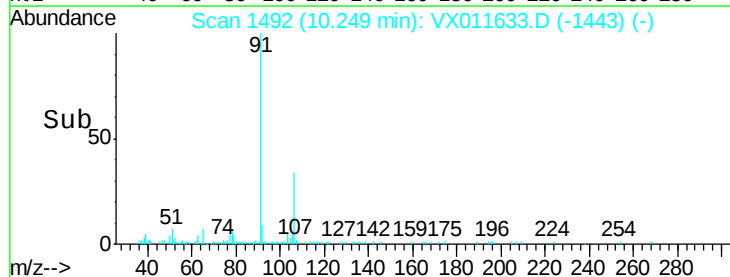
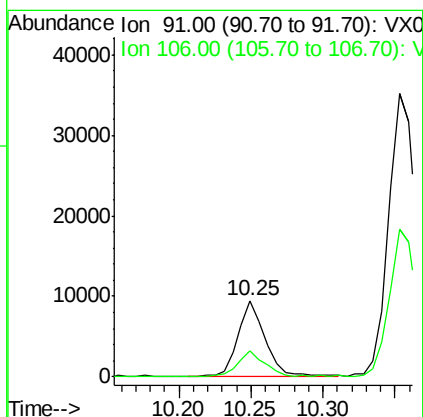
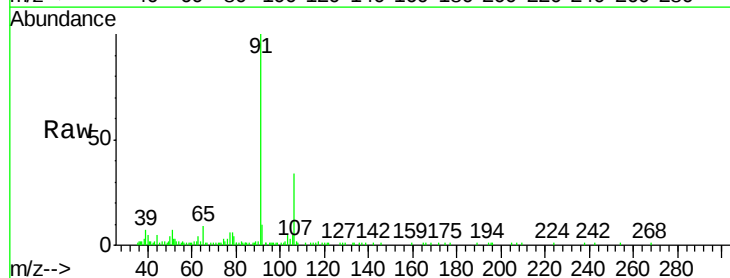
Instrument :
MSVOA_X
ClientSampled :
PH2-ER-2019-1

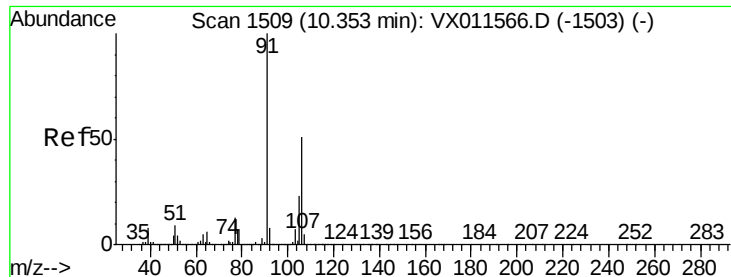
Tot Ion:117 Resp: 529640
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.4 26.5 39.7



#67
Ethyl Benzene
Concen: 0.644 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

Tgt Ion: 91 Resp: 12134
Ion Ratio Lower Upper
91 100
106 34.2 26.0 39.0

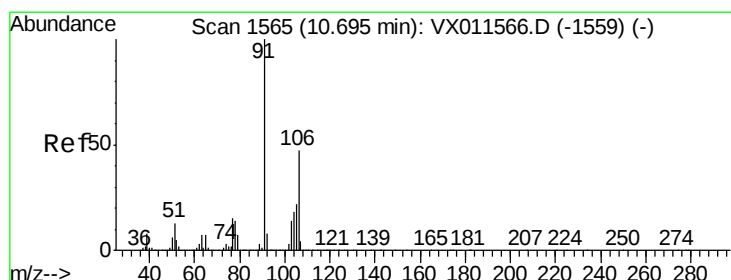
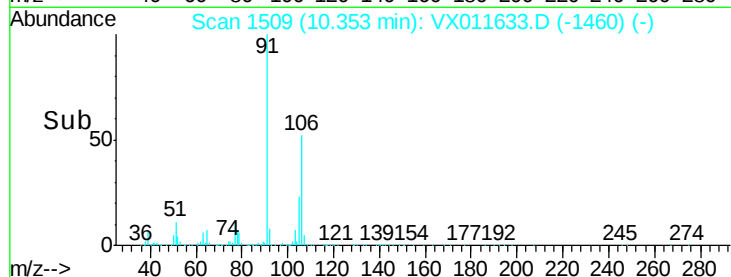
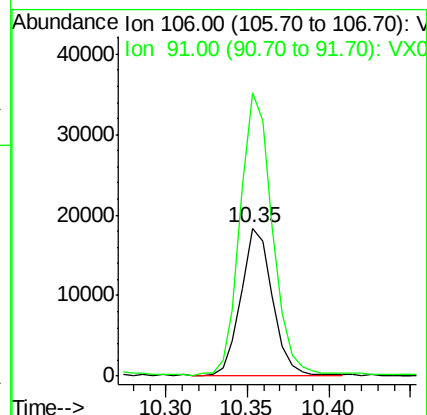
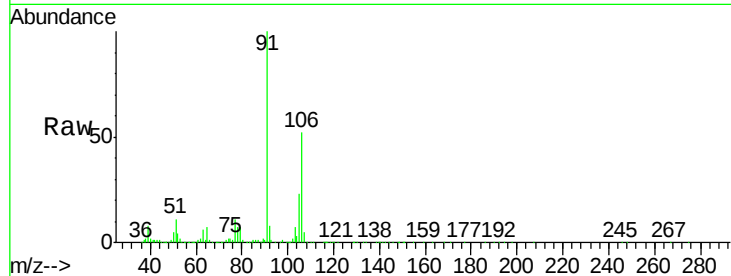




#68
m/p-Xylenes
Concen: 3.376 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

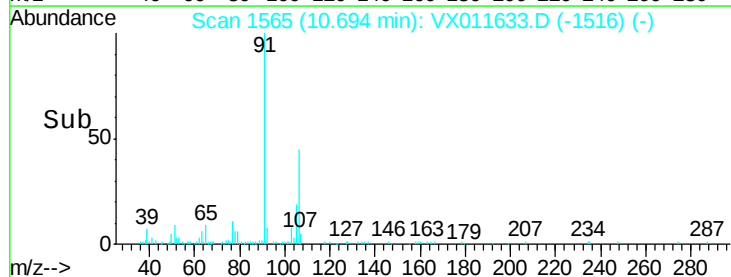
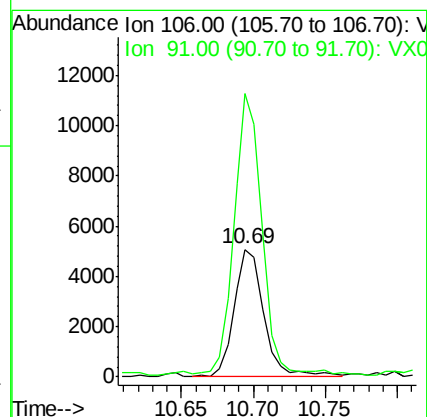
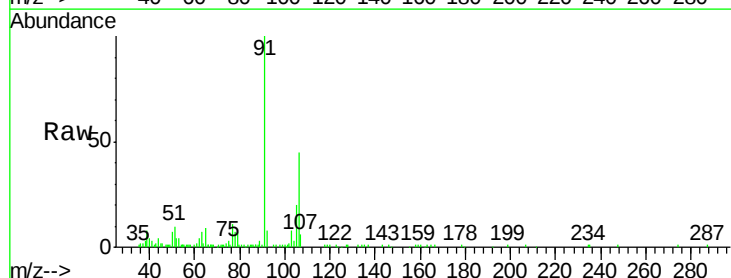
Instrument :
MSVOA_X
ClientSampleId :
PH2-ER-2019-1

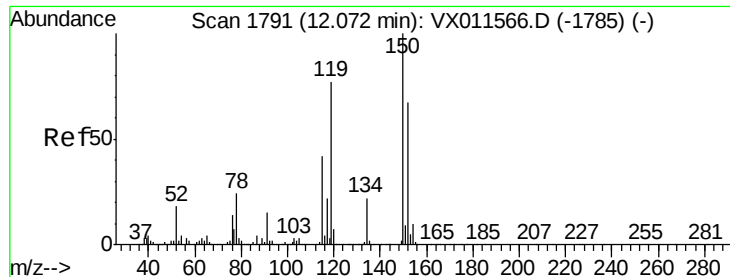
Tot Ion:106 Resp: 24435
Ion Ratio Lower Upper
106 100
91 198.1 156.0 234.0



#69
o-Xylene
Concen: 1.043 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

Tgt Ion:106 Resp: 7392
Ion Ratio Lower Upper
106 100
91 207.4 105.5 316.4



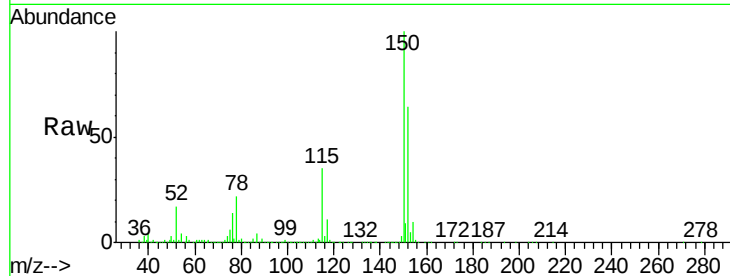


#72

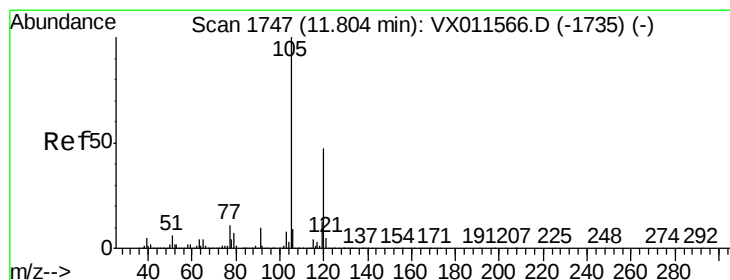
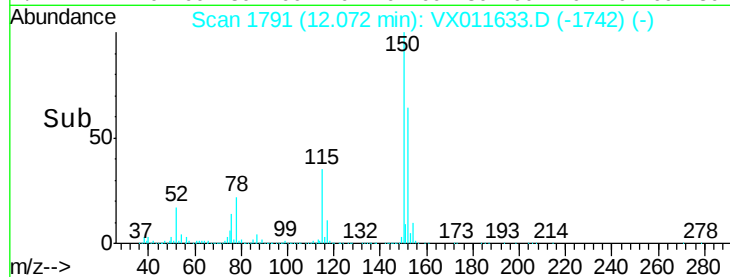
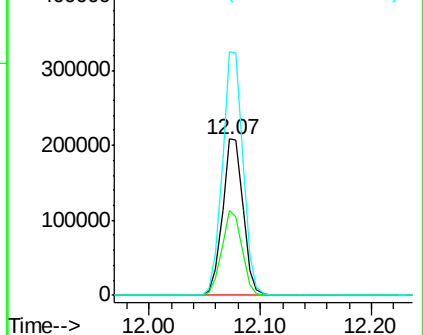
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
PH2-ER-2019-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.9	37.3	111.9
150	155.9	0.0	346.2



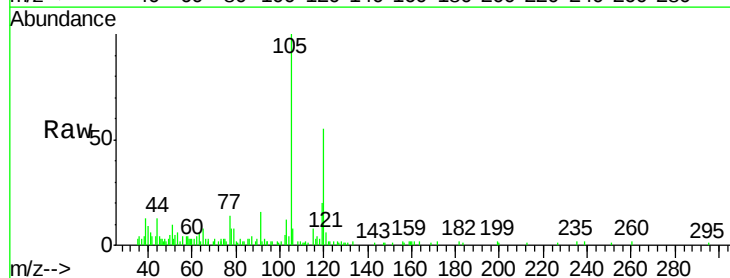
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 0.403 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011633.D
Acq: 19 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.9



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

