

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011629.D
 Acq On : 19 Aug 2019 14:08
 Operator : JC/SP
 Sample : K4351-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0136

Quant Time: Aug 20 10:44:19 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

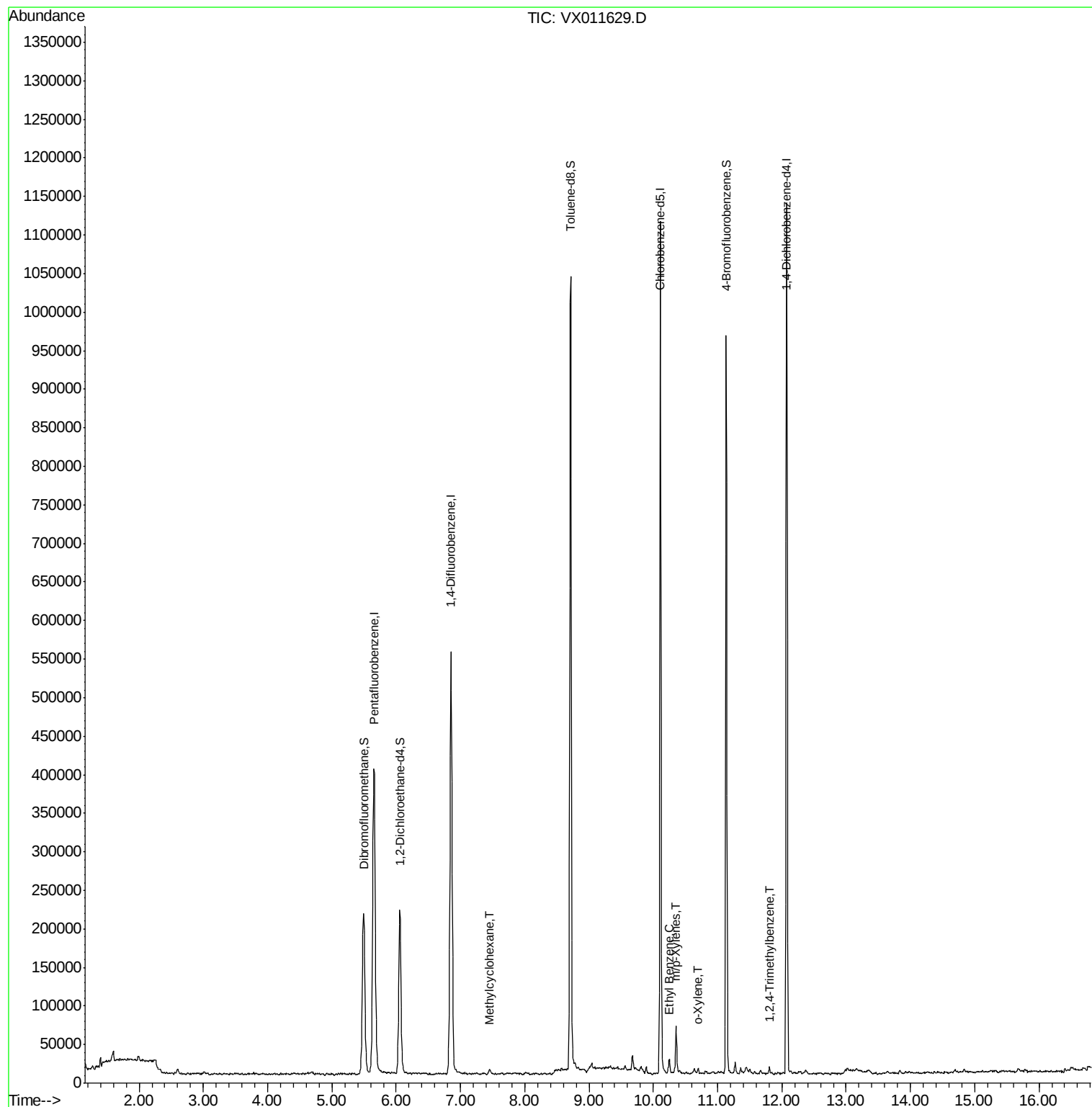
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	430567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	592529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	526135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	202712	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.49	113	175451	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
50) Toluene-d8	8.71	98	644174	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	11.13	95	237493	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	3268	0.522	ug/l #	89
67) Ethyl Benzene	10.25	91	11073	0.591	ug/l	92
68) m/p-Xylenes	10.35	106	14359	1.997	ug/l	100
69) o-Xylene	10.69	106	2110	0.300	ug/l	67
84) 1,2,4-Trimethylbenzene	11.80	105	3976	0.279	ug/l	84

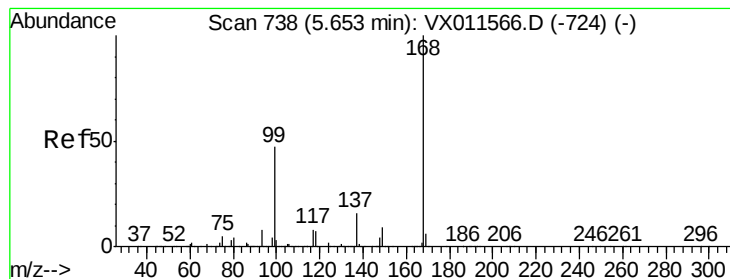
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011629.D

Acq: 19 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

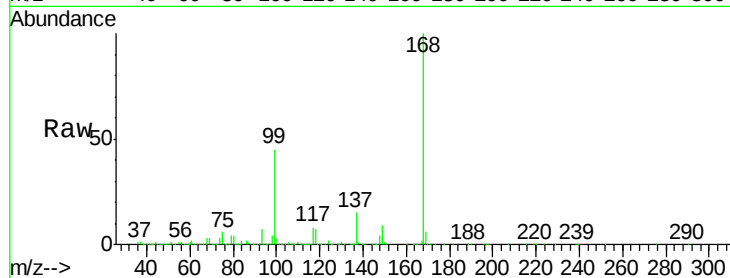
PH2-0136

Tot Ion:168 Resp: 430567

Ion Ratio Lower Upper

168 100

99 44.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

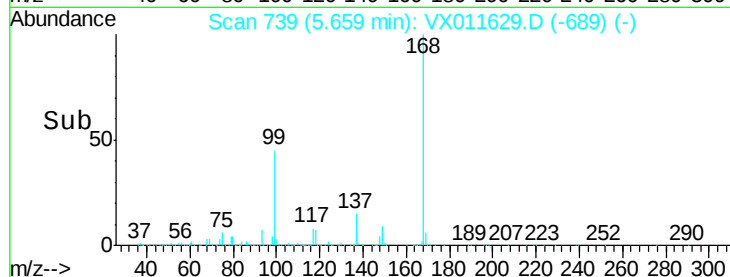
150000

100000

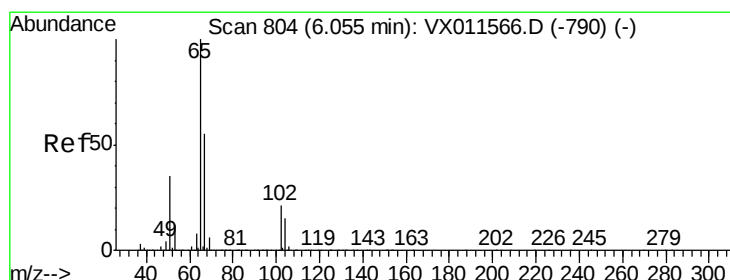
50000

0

5.50 5.60 5.70 5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.768 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011629.D

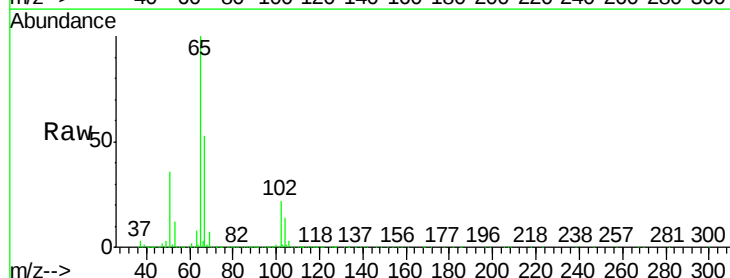
Acq: 19 Aug 2019 14:08

Tgt Ion: 65 Resp: 202712

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

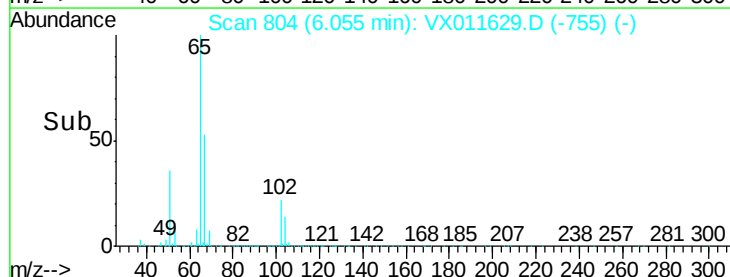
60000

40000

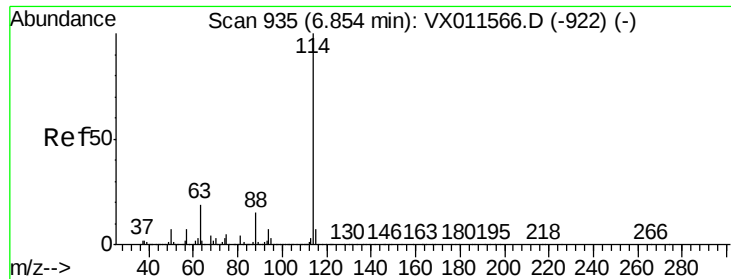
20000

0

5.90 6.00 6.10 6.20



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011629.D

Acq: 19 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

PH2-0136

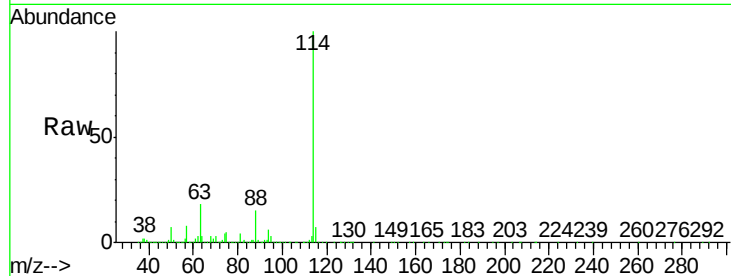
Tot Ion:114 Resp: 592529

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

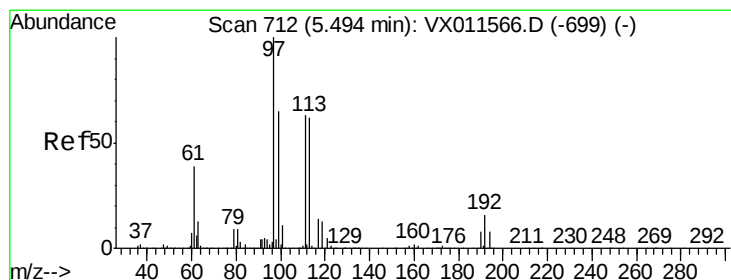
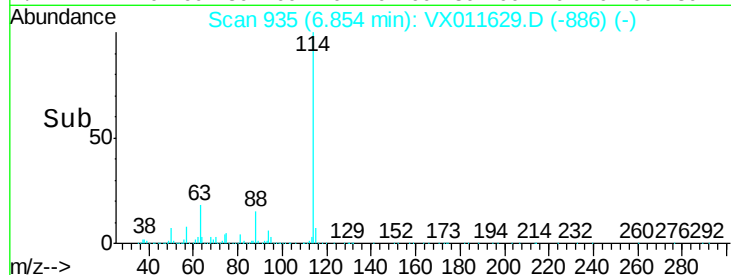
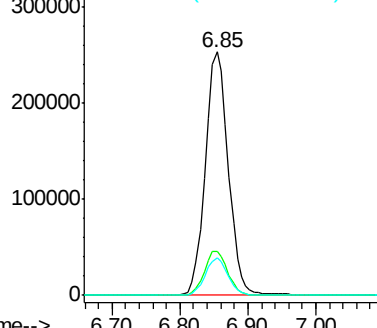
88 15.3 0.0 30.2



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: 45.272 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011629.D

Acq: 19 Aug 2019 14:08

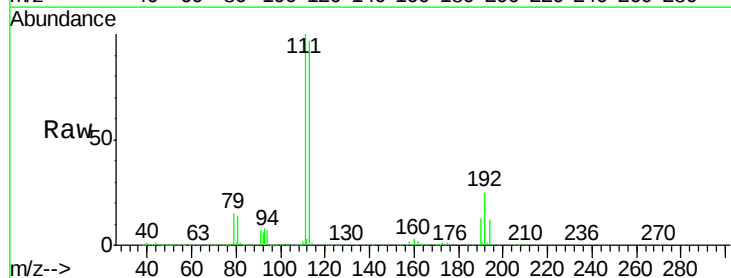
Tgt Ion:113 Resp: 175451

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

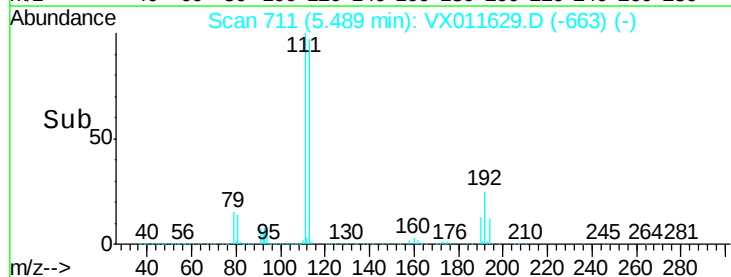
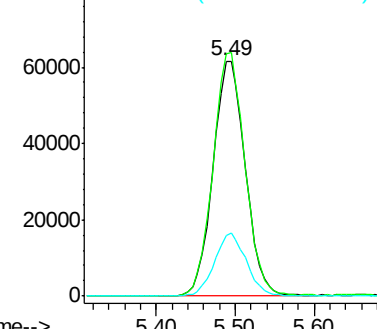
192 26.3 20.8 31.2

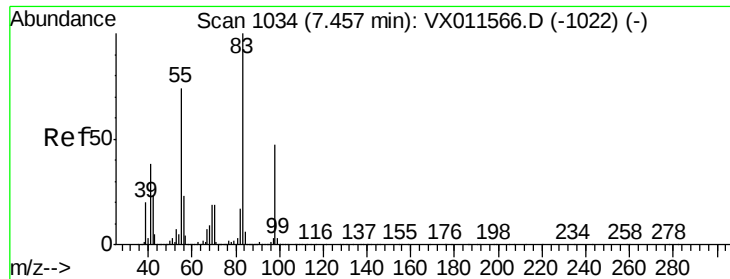


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

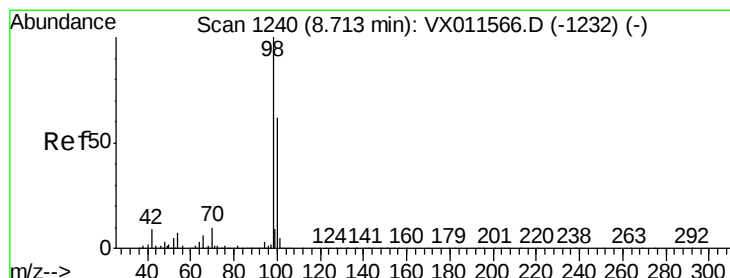
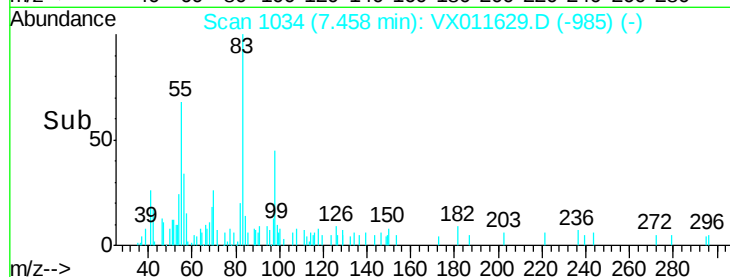
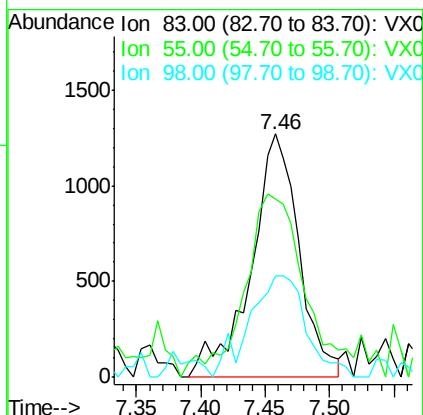
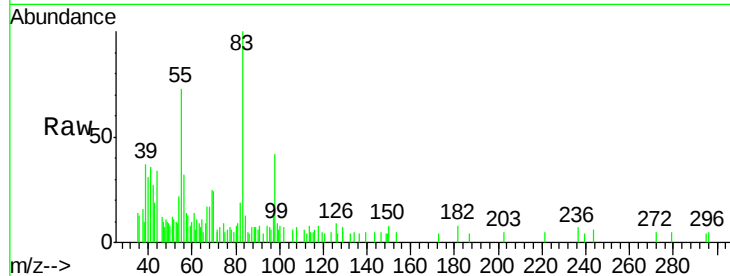




#39
Methvlcvclohexane
Concen: 0.522 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

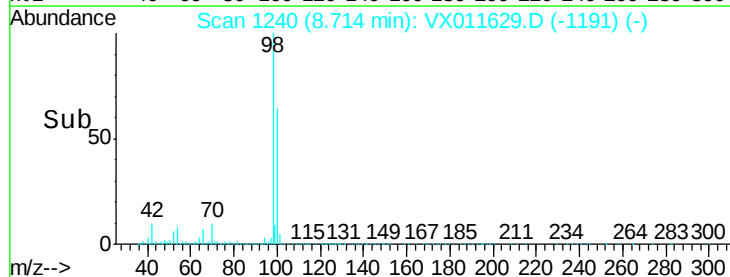
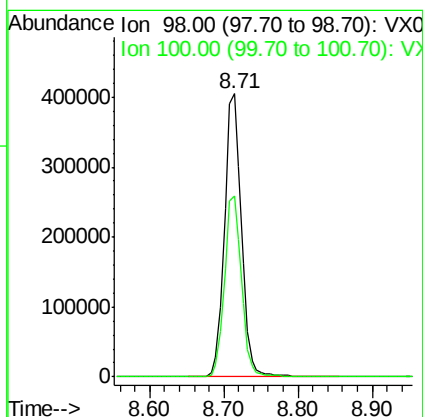
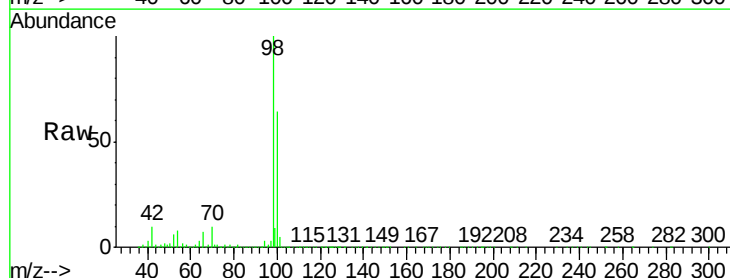
Instrument :
MSVOA_X
ClientSampleId :
PH2-0136

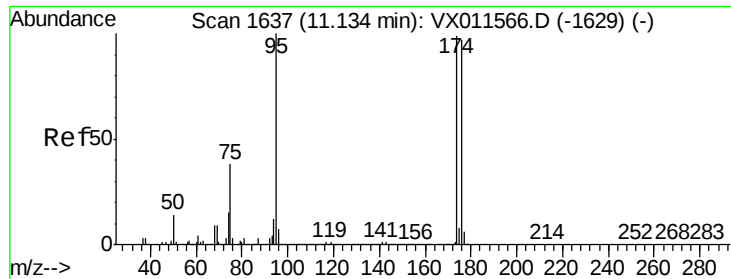
Tot Ion: 83 Resp: 3268
Ion Ratio Lower Upper
83 100
55 67.2 58.8 88.2
98 35.4 37.8 56.6#



#50
Toluene-d8
Concen: 53.345 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

Tgt Ion: 98 Resp: 644174
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6

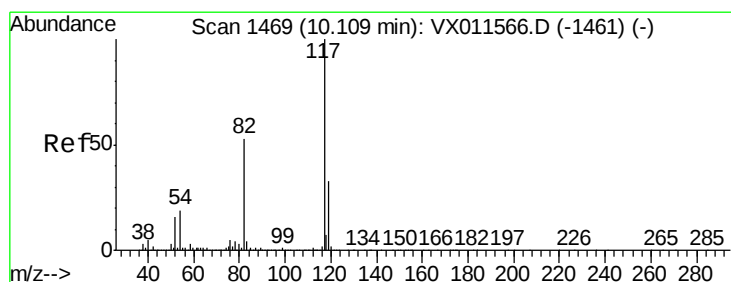
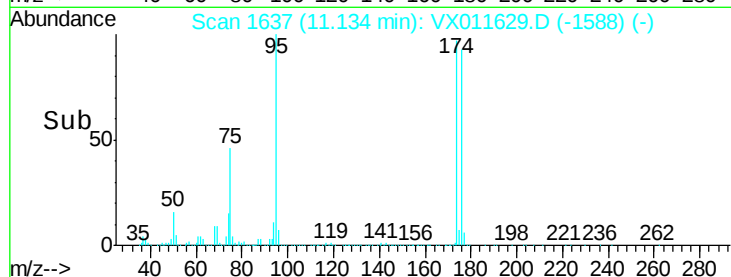
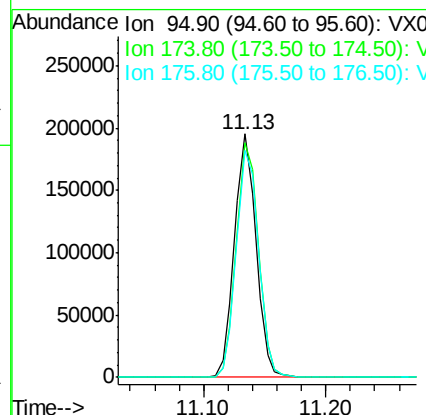
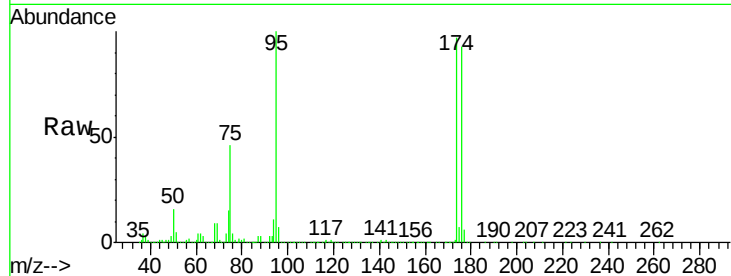




#62
4-Bromofluorobenzene
Concen: 46.595 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

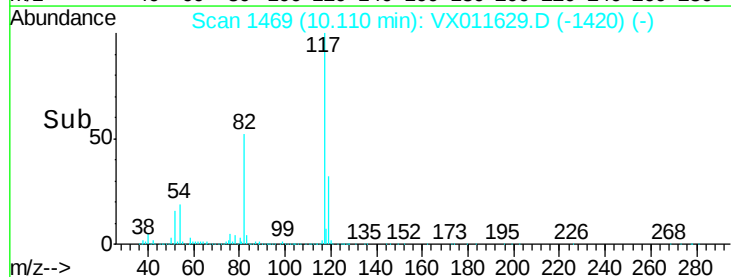
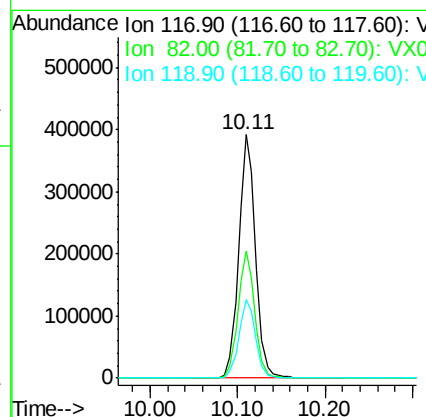
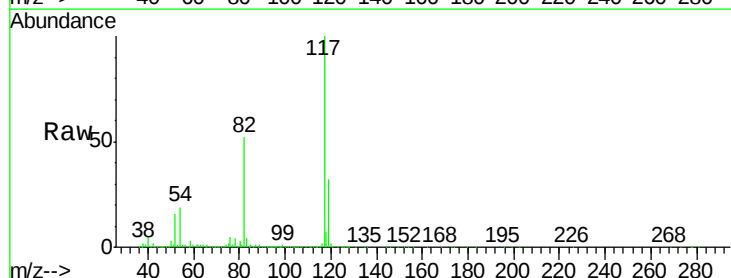
Instrument :
MSVOA_X
ClientSampled :
PH2-0136

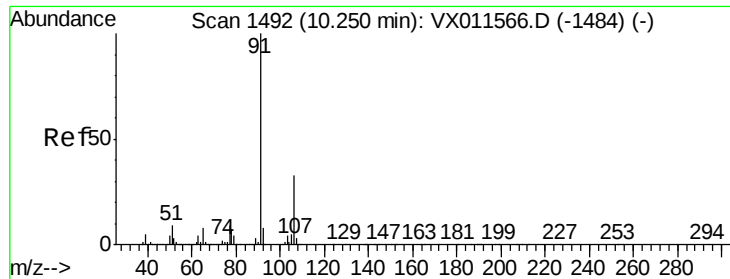
Tot Ion	95	Resp	237493
Ion Ratio	Lower	Upper	
95	100		
174	99.5	0.0	200.6
176	96.5	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

Tgt Ion	117	Resp	526135
Ion Ratio	Lower	Upper	
117	100		
82	52.4	42.0	63.0
119	32.0	26.5	39.7





#67

Ethyl Benzene

Concen: 0.591 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011629.D

Acq: 19 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

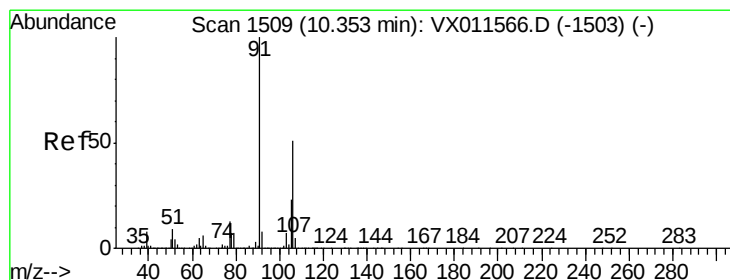
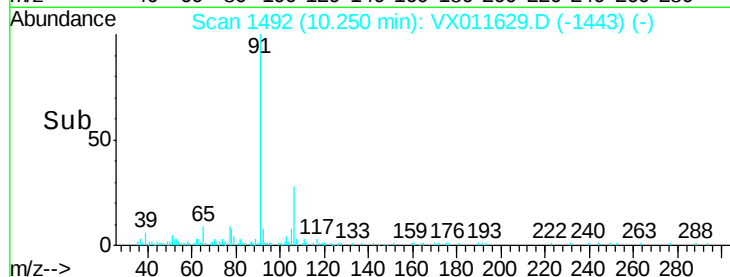
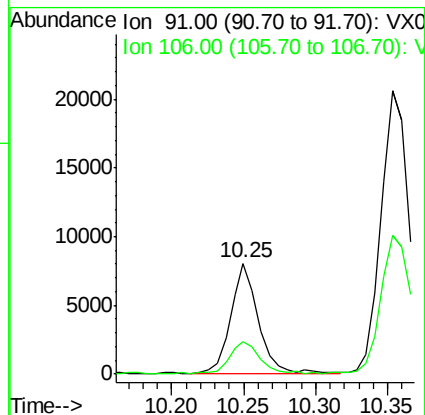
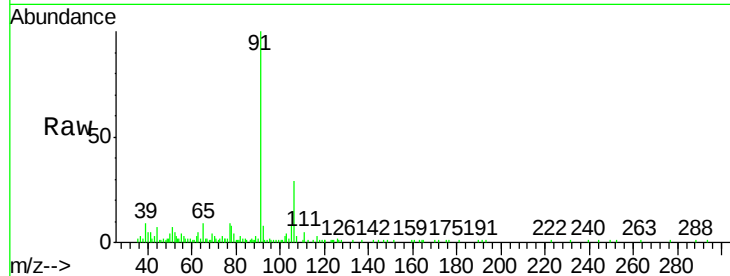
PH2-0136

Tot Ion: 91 Resp: 11073

Ion Ratio Lower Upper

91 100

106 28.2 26.0 39.0



#68

m/p-Xylenes

Concen: 1.997 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011629.D

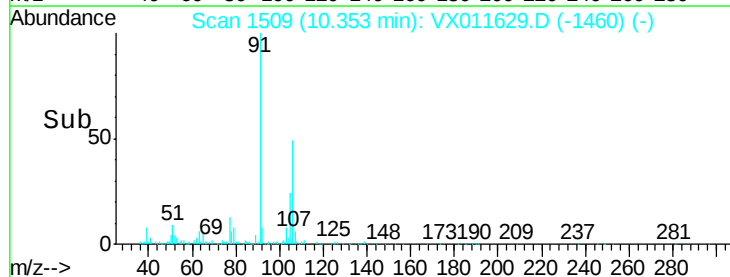
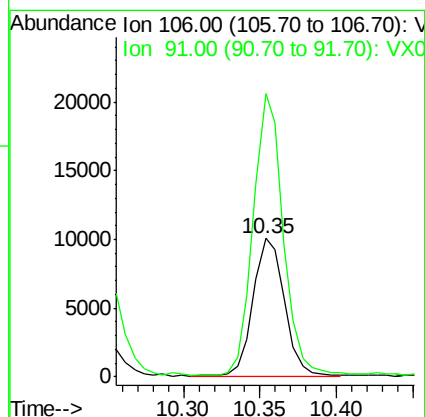
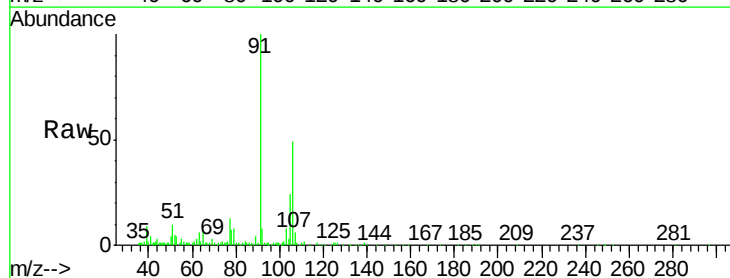
Acq: 19 Aug 2019 14:08

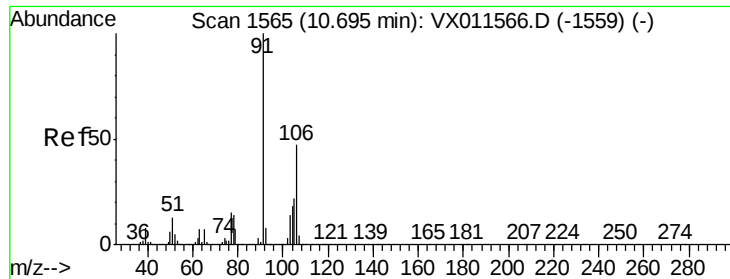
Tgt Ion: 106 Resp: 14359

Ion Ratio Lower Upper

106 100

91 194.8 156.0 234.0

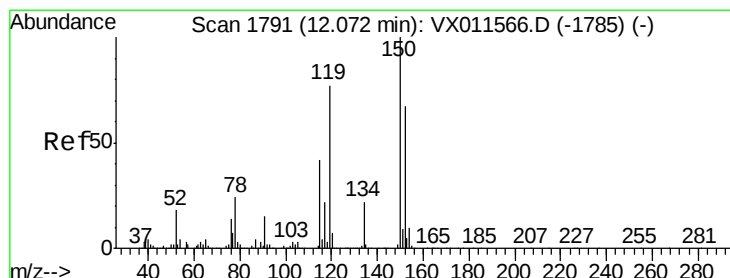
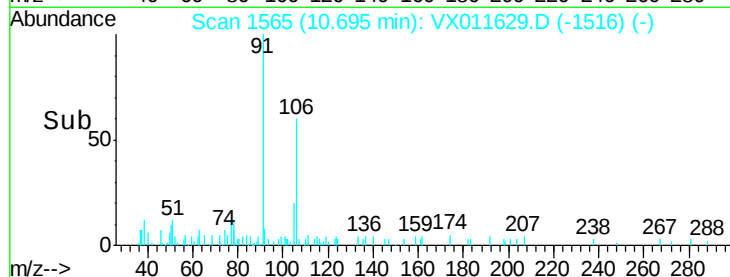
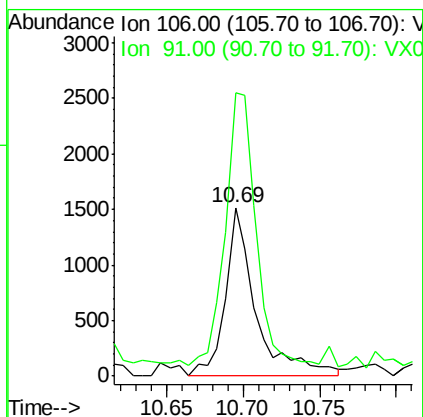
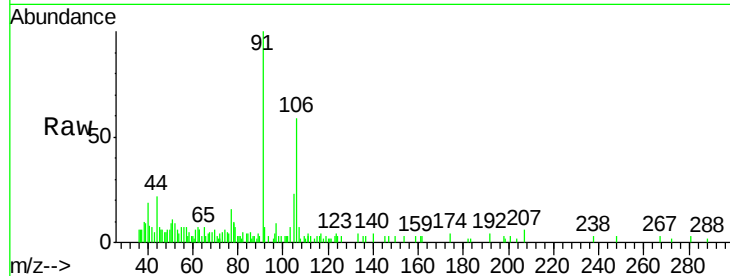




#69
o-Xylene
Concen: 0.300 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

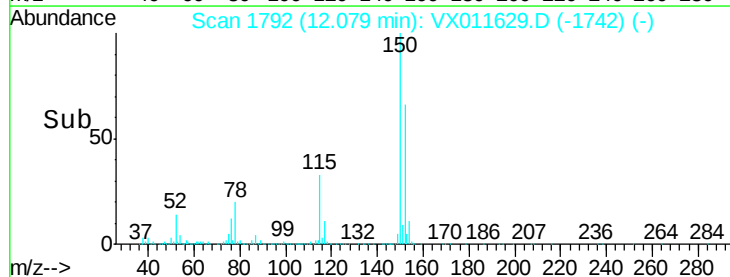
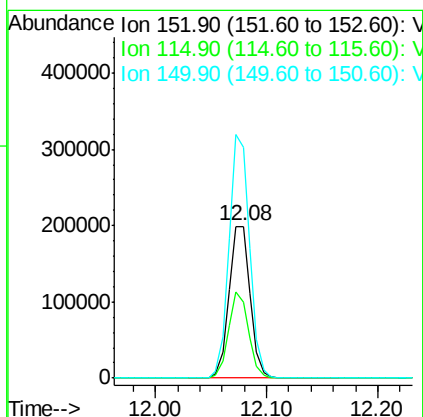
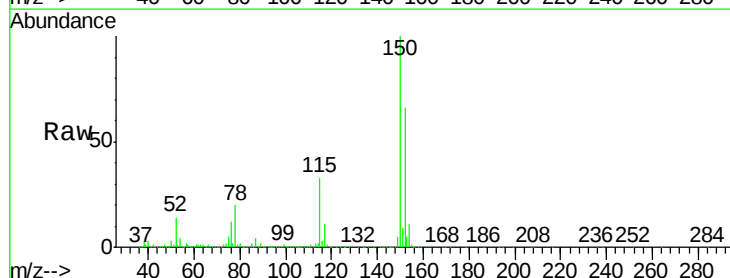
Instrument :
MSVOA_X
ClientSampleId :
PH2-0136

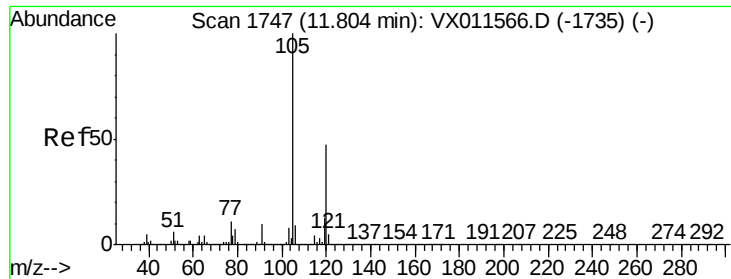
Tot Ion:106 Resp: 2110
Ion Ratio Lower Upper
106 100
91 158.5 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011629.D
Acq: 19 Aug 2019 14:08

Tgt Ion:152 Resp: 260521
Ion Ratio Lower Upper
152 100
115 53.3 37.3 111.9
150 155.4 0.0 346.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.279 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011629.D
 Acq: 19 Aug 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0136

Tot Ion:105 Resp: 3976
 Ion Ratio Lower Upper
 105 100
 120 57.1 23.3 69.9

