

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011582.D
 Acq On : 16 Aug 2019 15:37
 Operator : JC/SP
 Sample : K4368-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0140

Quant Time: Aug 19 02:32:02 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	430381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	597462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269259	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	204916	51.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.68%	
35) Dibromofluoromethane	5.49	113	178121	45.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.16%	
50) Toluene-d8	8.71	98	678141	55.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	11.13	95	246140	47.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.78%	

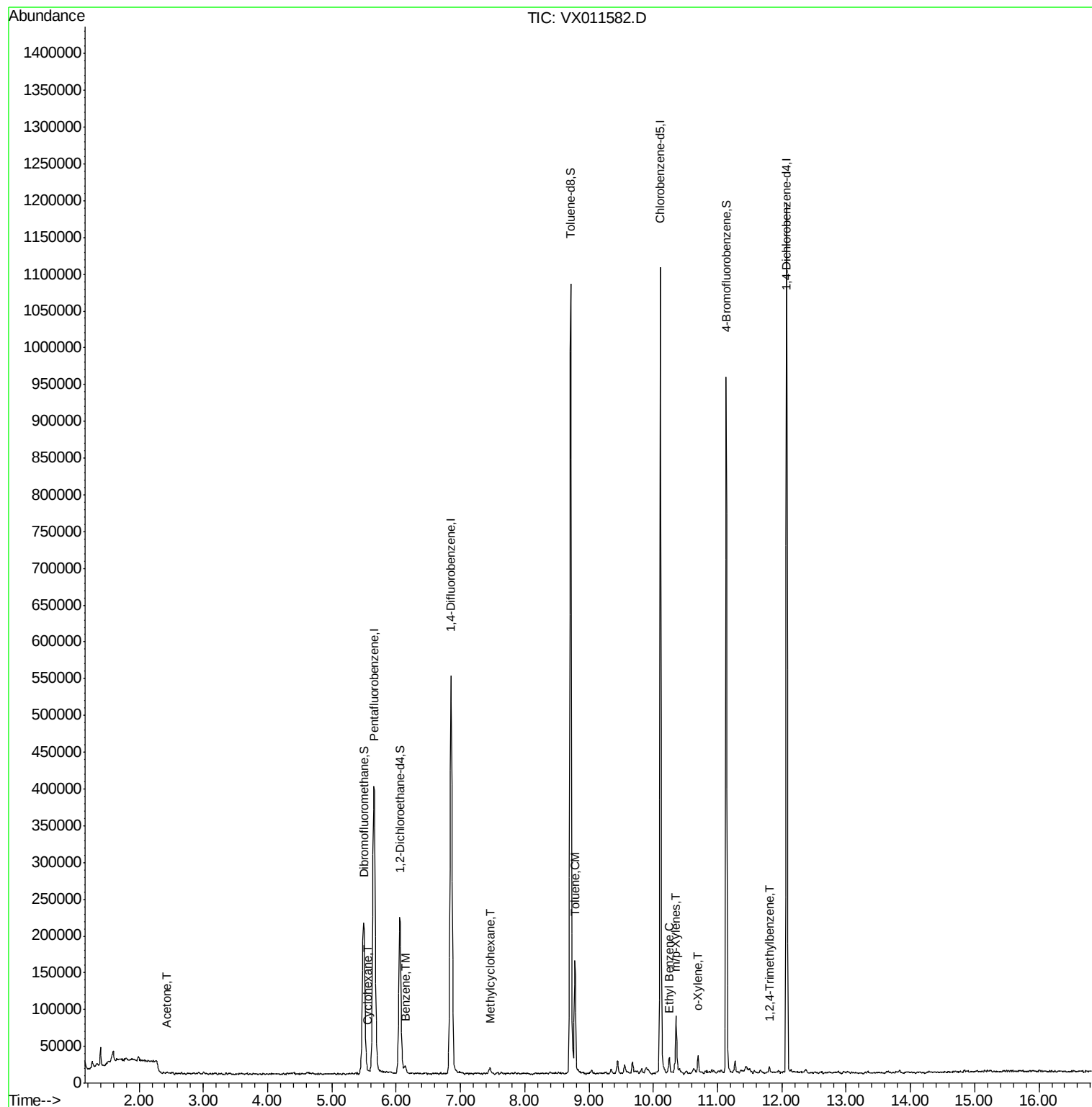
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	2007	1.000	ug/l	92
31) Cyclohexane	5.57	56	2016	0.341	ug/l	91
39) Methylcyclohexane	7.46	83	3816	0.605	ug/l	94
40) Benzene	6.14	78	12251	0.772	ug/l	98
52) Toluene	8.78	92	60015	5.934	ug/l	94
67) Ethyl Benzene	10.25	91	13147	0.693	ug/l	99
68) m/p-Xylenes	10.35	106	19556	2.687	ug/l	96
69) o-Xylene	10.69	106	6465	0.907	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	4157	0.282	ug/l	91

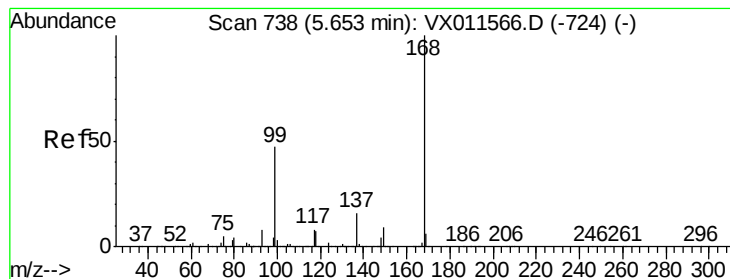
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

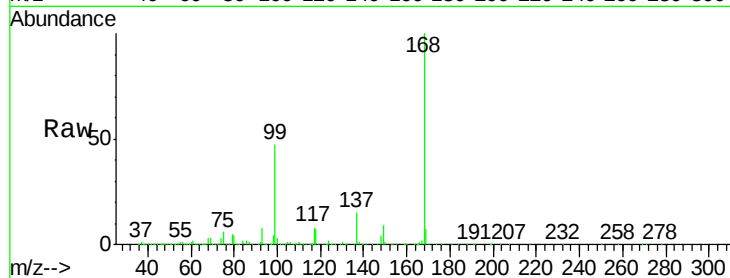
PH2-0140

Tot Ion:168 Resp: 430381

Ion Ratio Lower Upper

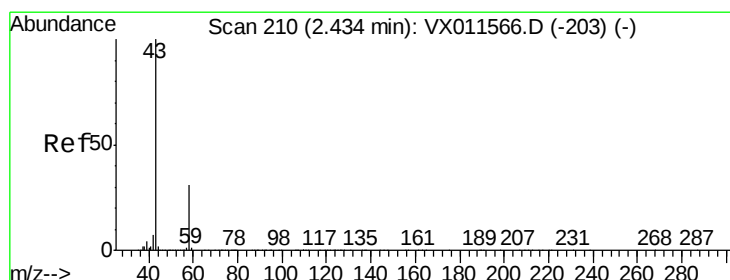
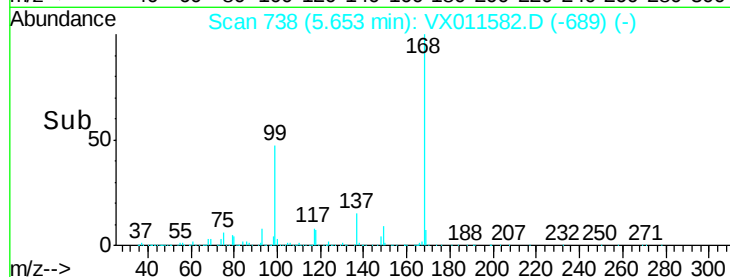
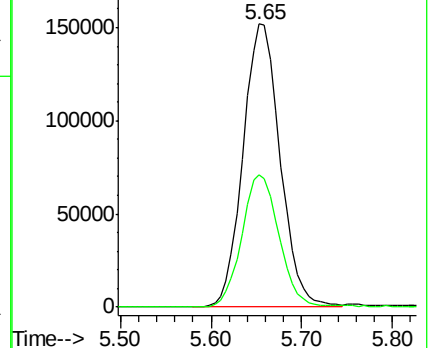
168 100

99 46.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.000 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011582.D

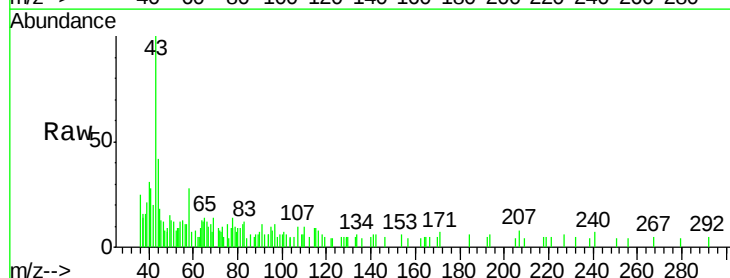
Acq: 16 Aug 2019 15:37

Tgt Ion: 43 Resp: 2007

Ion Ratio Lower Upper

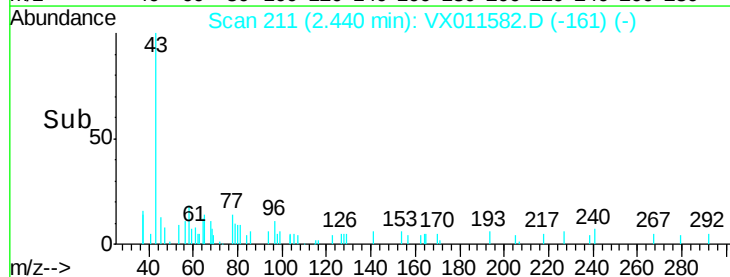
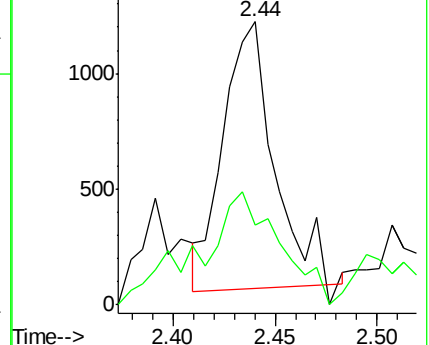
43 100

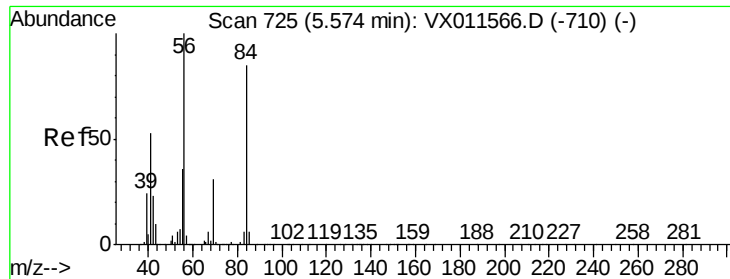
58 27.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 0.341 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

PH2-0140

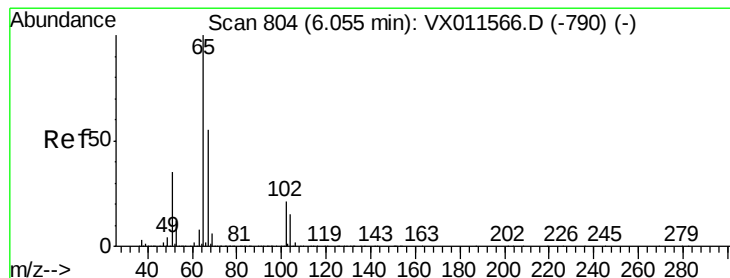
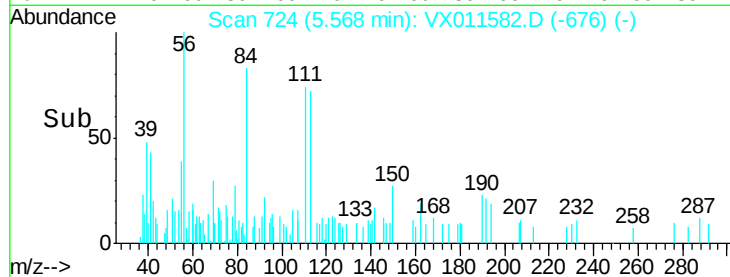
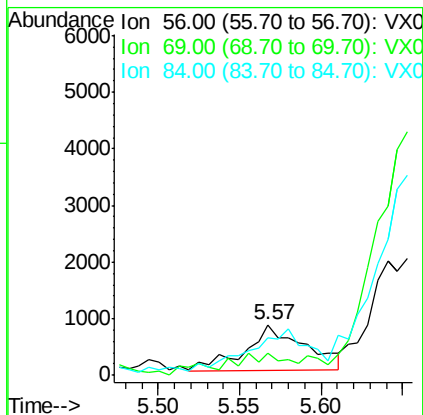
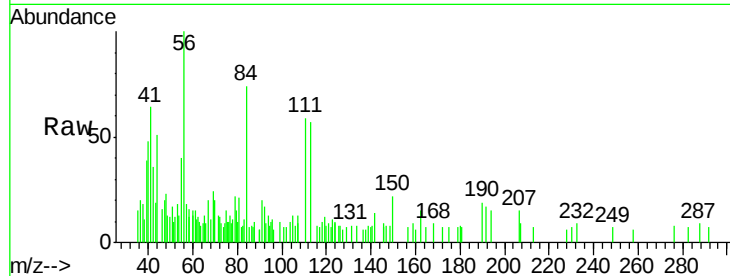
Tot Ion: 56 Resp: 2016

Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 74.3 67.9 101.9



#33

1,2-Dichloroethane-d4

Concen: 51.342 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011582.D

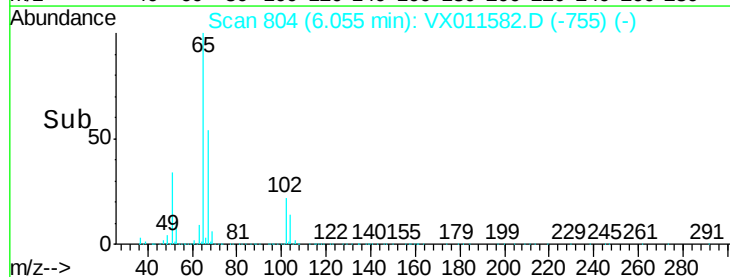
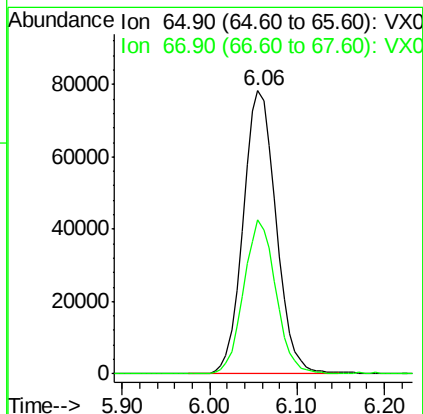
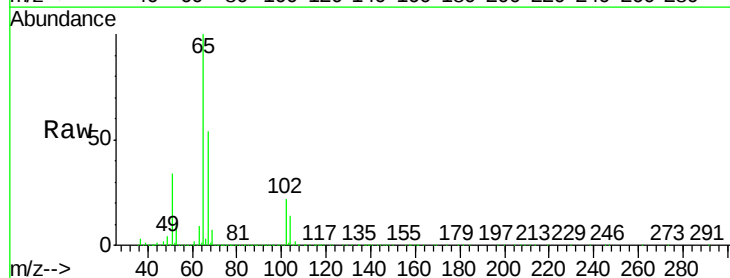
Acq: 16 Aug 2019 15:37

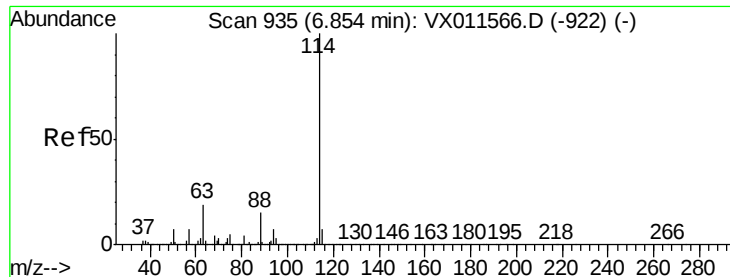
Tgt Ion: 65 Resp: 204916

Ion Ratio Lower Upper

65 100

67 53.1 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: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

PH2-0140

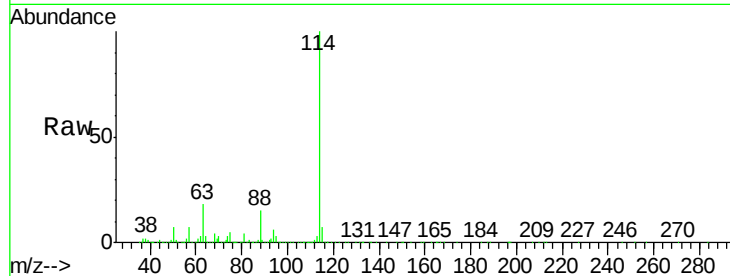
Tot Ion:114 Resp: 597462

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

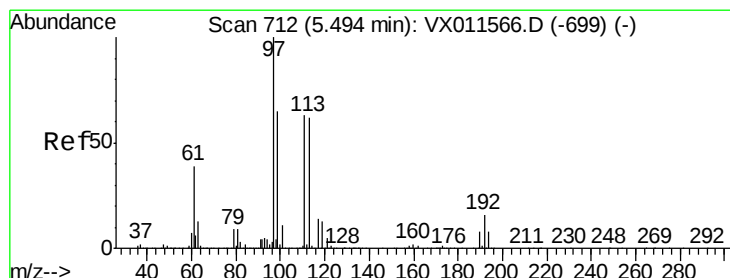
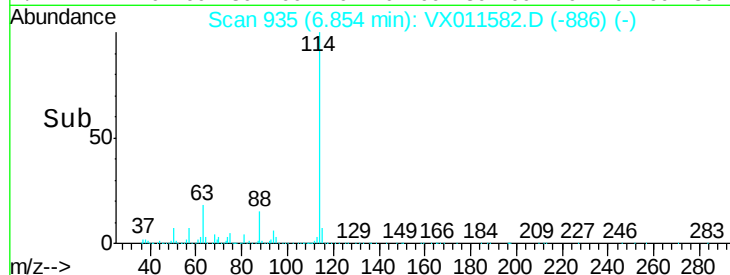
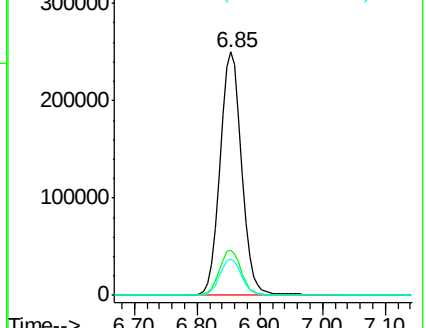
88 14.8 0.0 30.2



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: 45.581 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

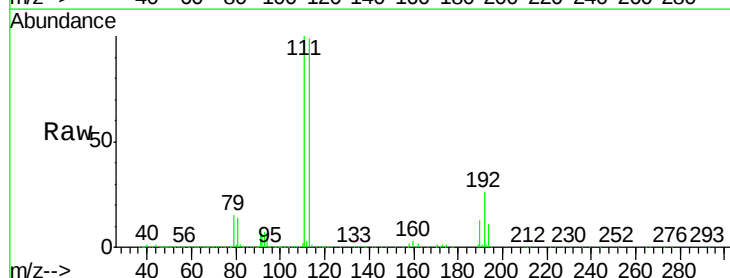
Tgt Ion:113 Resp: 178121

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

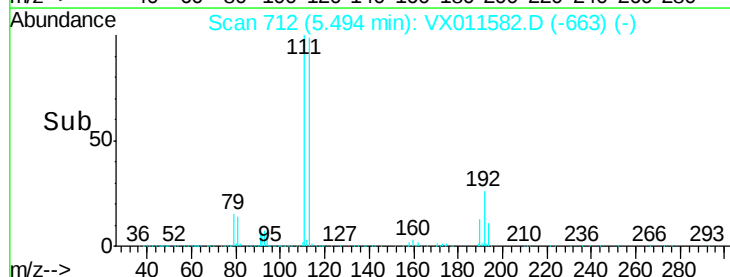
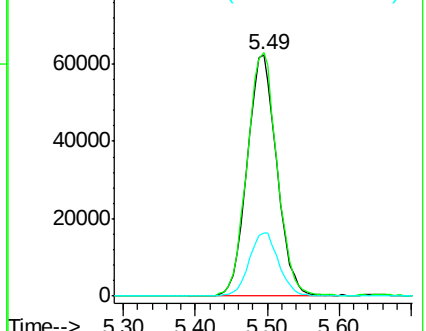
192 26.1 20.8 31.2

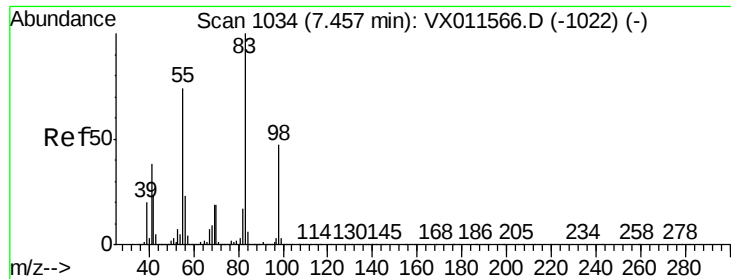


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

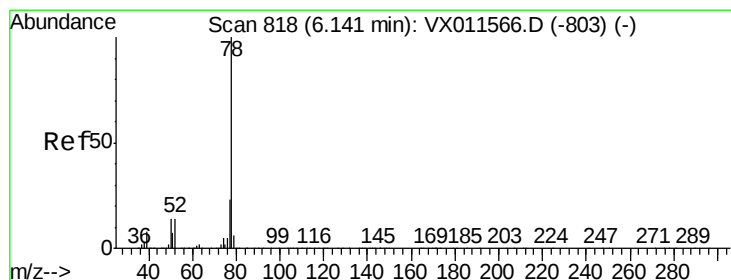
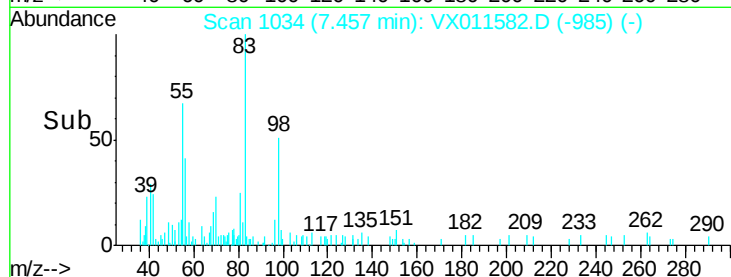
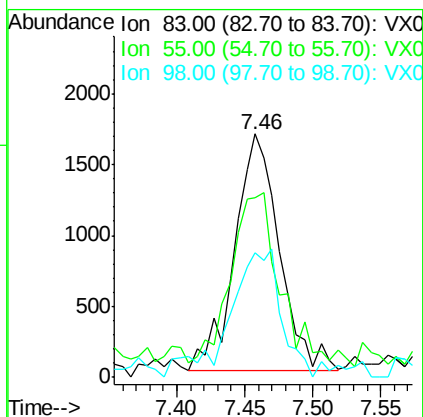
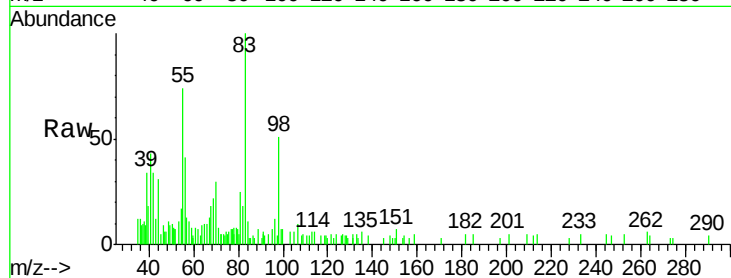




#39
Methvlcvclohexane
Concen: 0.605 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

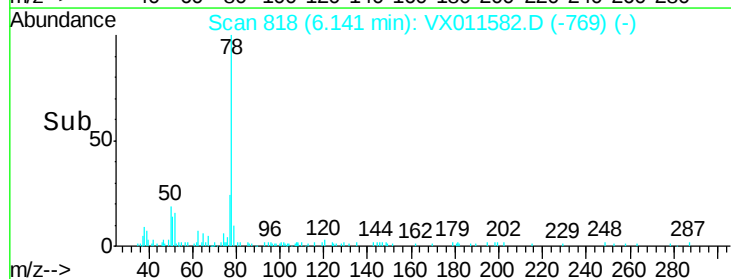
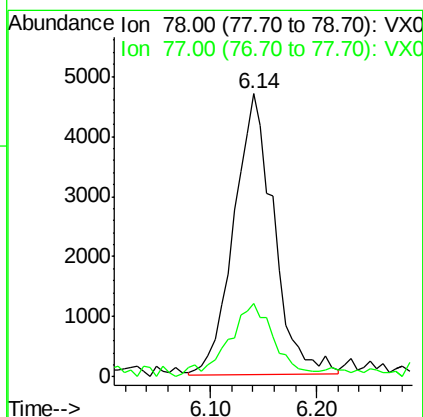
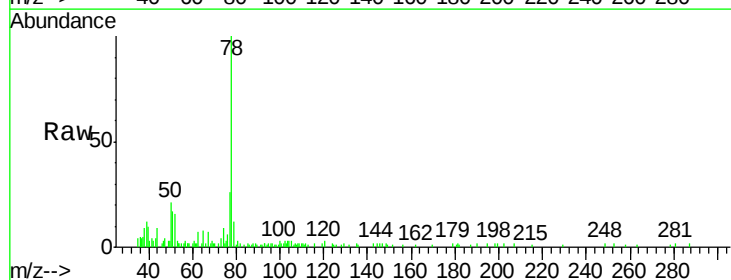
Instrument :
MSVOA_X
ClientSampleId :
PH2-0140

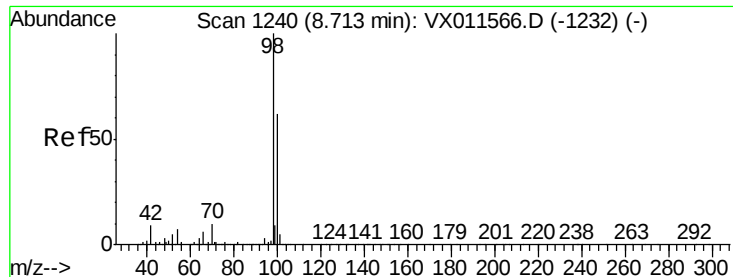
Tot Ion: 83 Resp: 3816
Ion Ratio Lower Upper
83 100
55 67.0 58.8 88.2
98 49.6 37.8 56.6



#40
Benzene
Concen: 0.772 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

Tgt Ion: 78 Resp: 12251
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

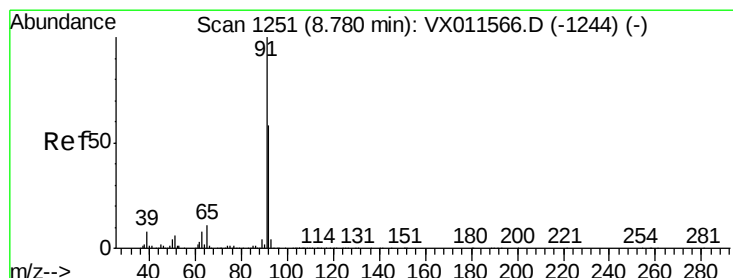
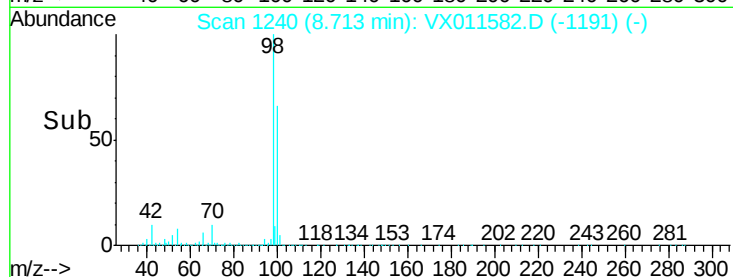
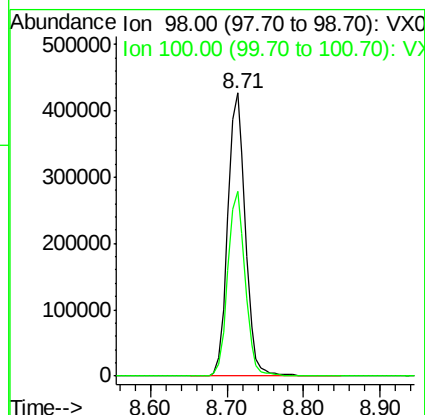
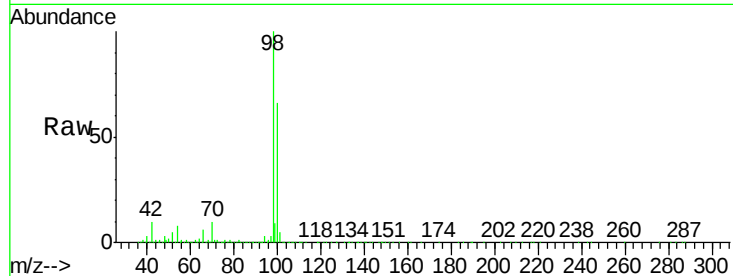




#50
Toluene-d8
Concen: 55.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

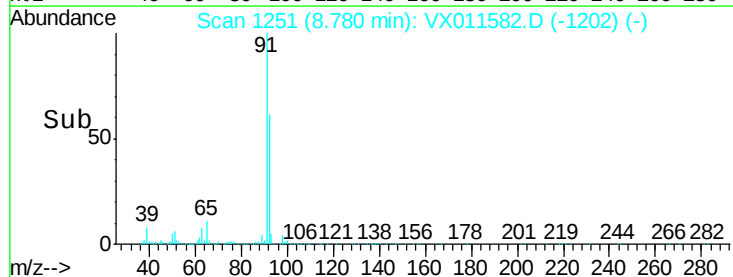
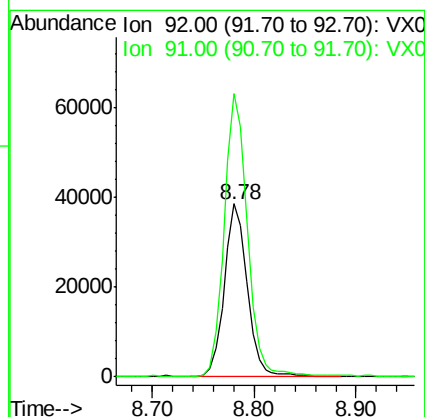
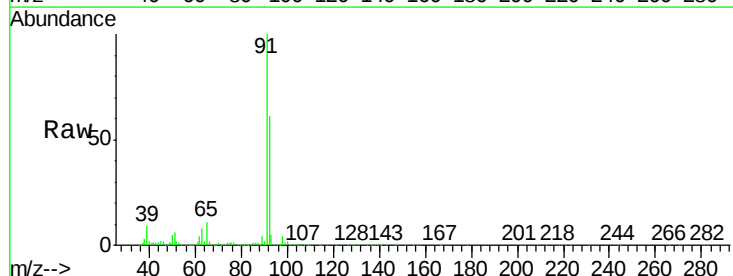
Instrument :
MSVOA_X
ClientSampleId :
PH2-0140

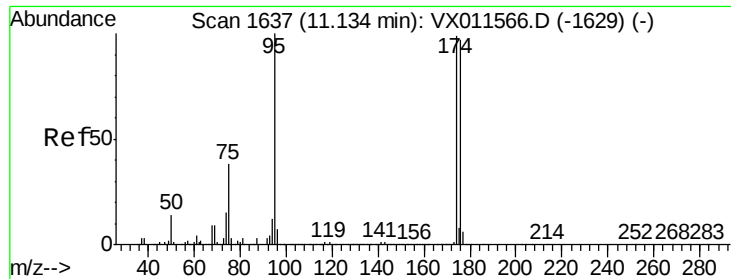
Tot Ion: 98 Resp: 678141
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#52
Toluene
Concen: 5.934 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

Tgt Ion: 92 Resp: 60015
Ion Ratio Lower Upper
92 100
91 164.4 138.0 207.0





#62

4-Bromofluorobenzene

Concen: 47.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

PH2-0140

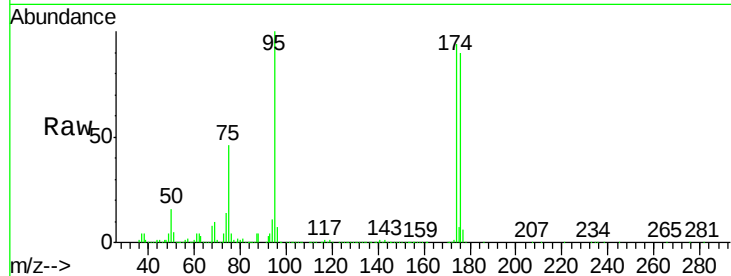
Tot Ion: 95 Resp: 246140

Ion Ratio Lower Upper

95 100

174 96.9 0.0 200.6

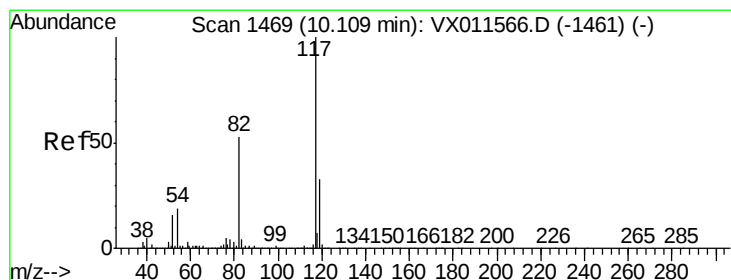
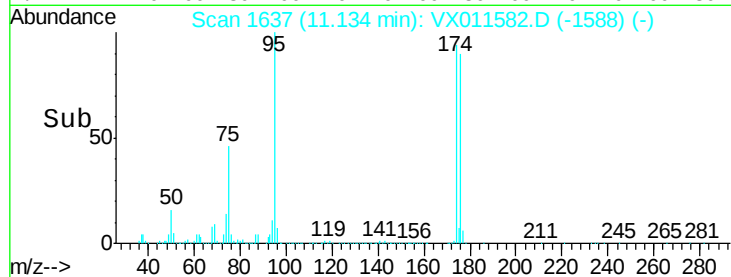
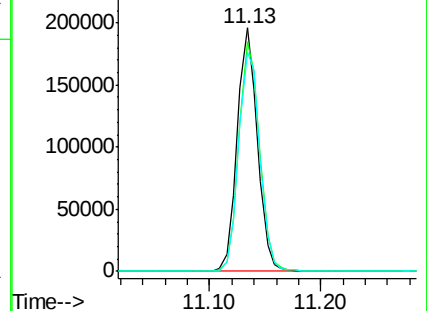
176 94.7 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

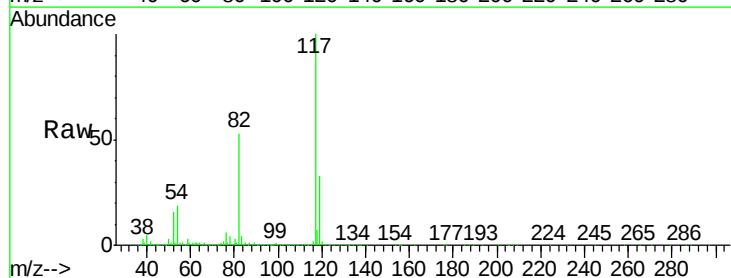
Tgt Ion: 117 Resp: 532720

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

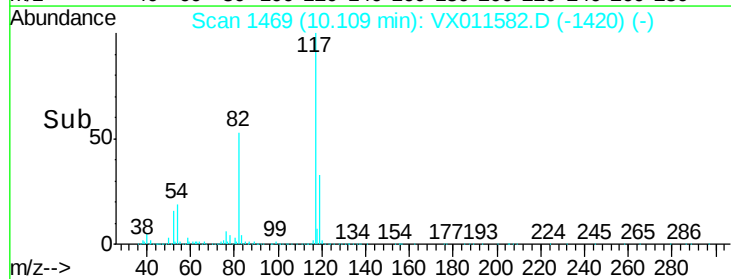
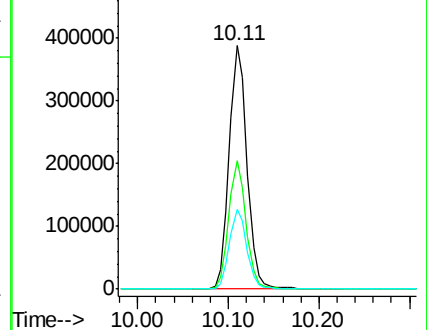
119 32.6 26.5 39.7

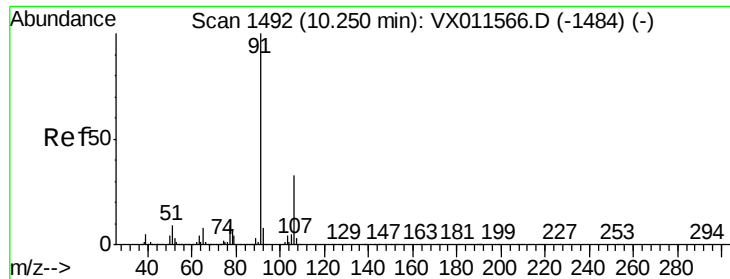


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)





#67

Ethyl Benzene

Concen: 0.693 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

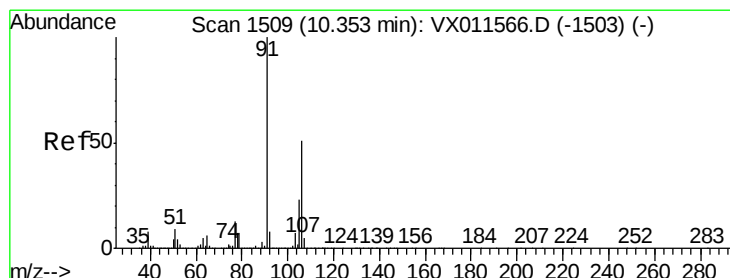
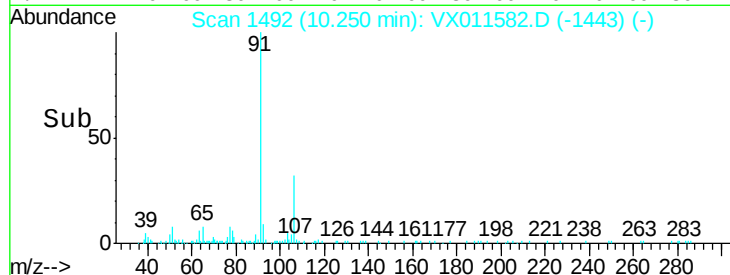
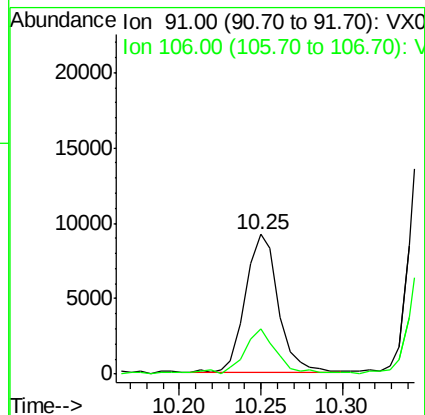
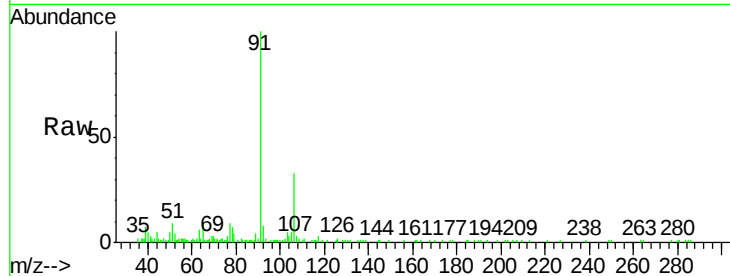
PH2-0140

Tot Ion: 91 Resp: 13147

Ion Ratio Lower Upper

91 100

106 32.0 26.0 39.0



#68

m/p-Xylenes

Concen: 2.687 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011582.D

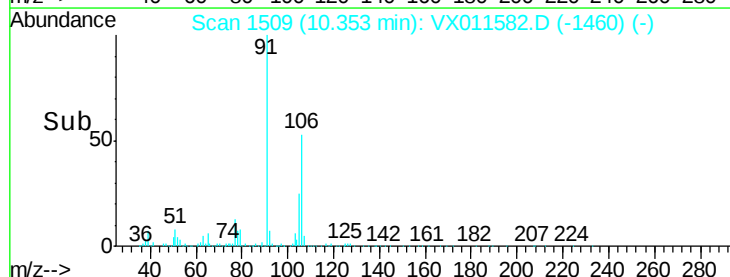
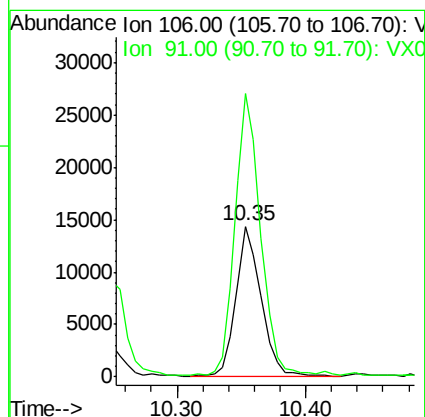
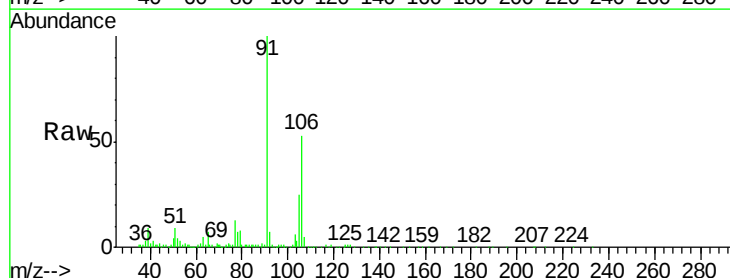
Acq: 16 Aug 2019 15:37

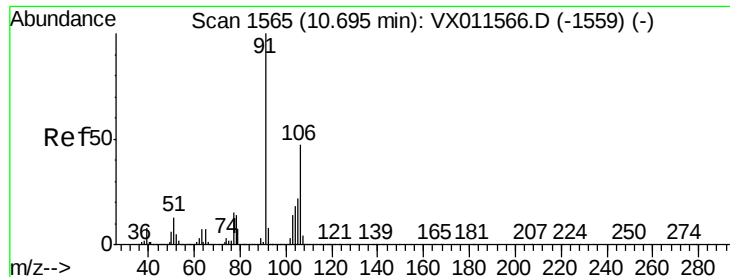
Tgt Ion: 106 Resp: 19556

Ion Ratio Lower Upper

106 100

91 189.6 156.0 234.0

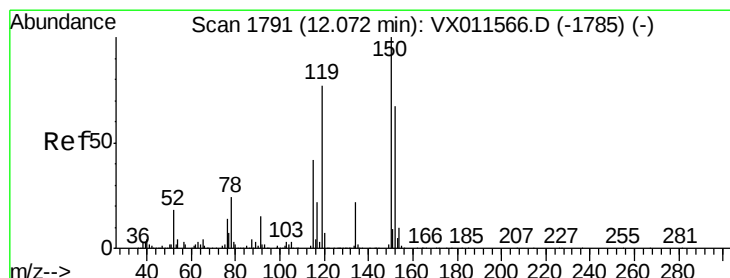
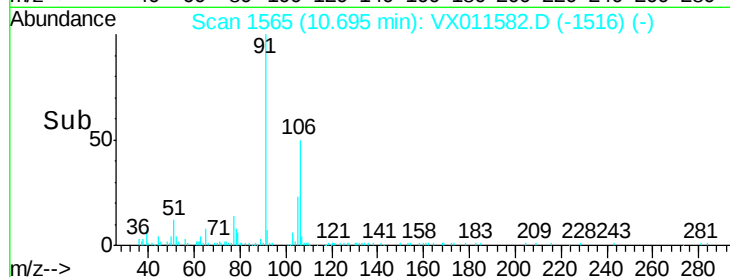
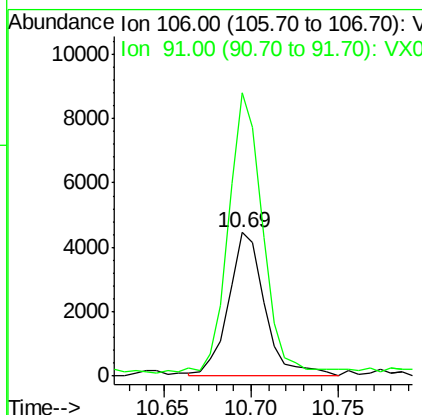
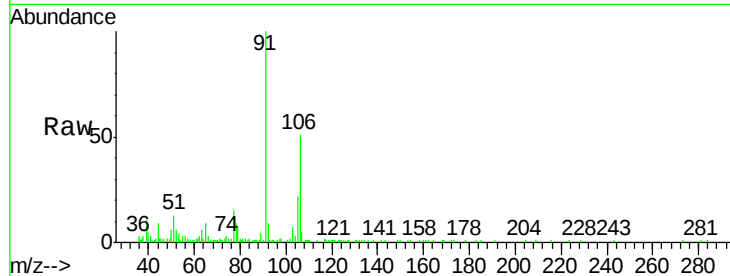




#69
o-Xylene
Concen: 0.907 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

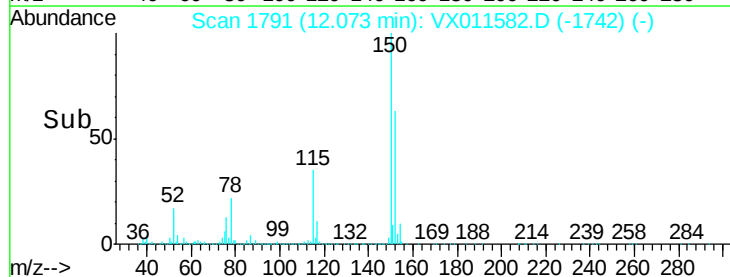
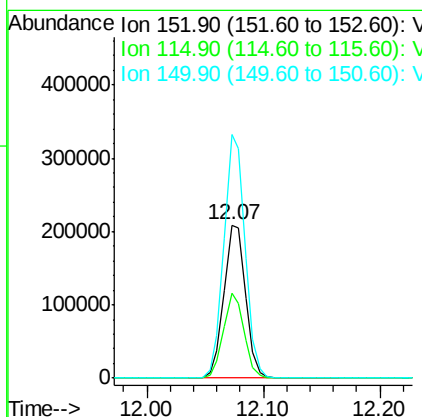
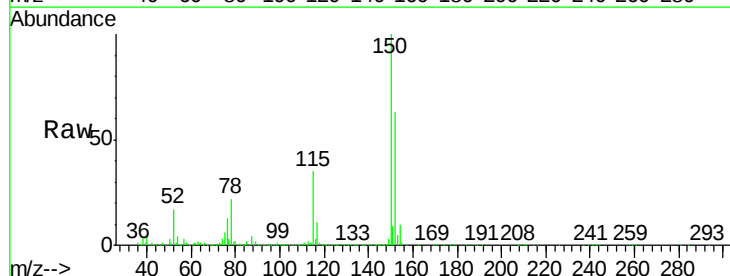
Instrument :
MSVOA_X
ClientSampled :
PH2-0140

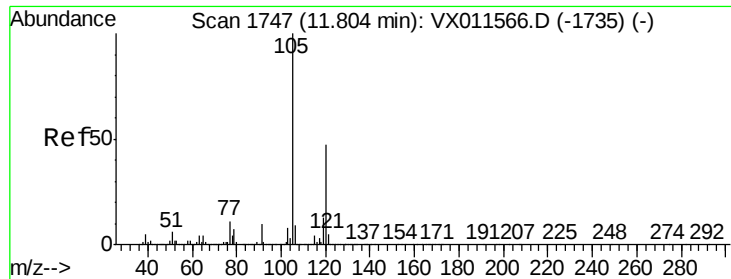
Tot Ion:106 Resp: 6465
Ion Ratio Lower Upper
106 100
91 182.7 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011582.D
Acq: 16 Aug 2019 15:37

Tgt Ion:152 Resp: 269259
Ion Ratio Lower Upper
152 100
115 52.7 37.3 111.9
150 155.5 0.0 346.2





#84

1,2,4-Trimethylbenzene

Concen: 0.282 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011582.D

Acq: 16 Aug 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

PH2-0140

Tot Ion:105 Resp: 4157

Ion Ratio Lower Upper

105 100

120 52.6 23.3 69.9

