

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011638.D
 Acq On : 19 Aug 2019 17:40
 Operator : JC/SP
 Sample : K4368-02DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0137DL

Quant Time: Aug 20 11:36:25 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	433959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	590653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259965	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	200267	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.49	113	174940	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
50) Toluene-d8	8.71	98	632773	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.13	95	238216	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

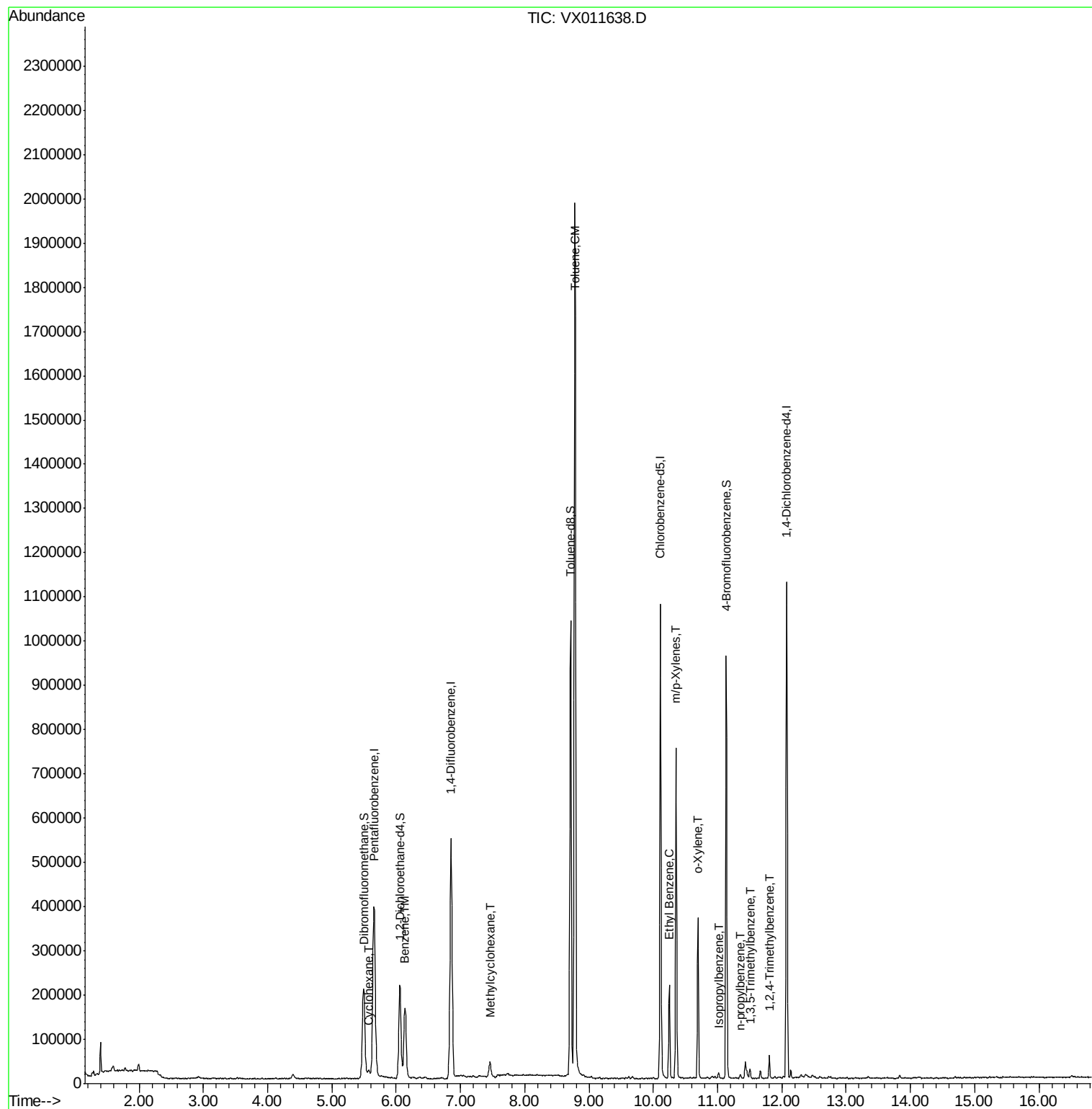
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	12719	2.132	ug/l	97
39) Methylcyclohexane	7.46	83	15491	2.484	ug/l	95
40) Benzene	6.13	78	199249	12.696	ug/l	97
52) Toluene	8.78	92	756570	75.672	ug/l	100
67) Ethyl Benzene	10.25	91	121647	6.556	ug/l	99
68) m/p-Xylenes	10.35	106	178014	24.994	ug/l	99
69) o-Xylene	10.69	106	80385	11.522	ug/l	100
73) Isopropylbenzene	11.02	105	6601	0.391	ug/l	100
78) n-propylbenzene	11.36	91	5377	0.296	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	9799	0.692	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	22553	1.585	ug/l	99

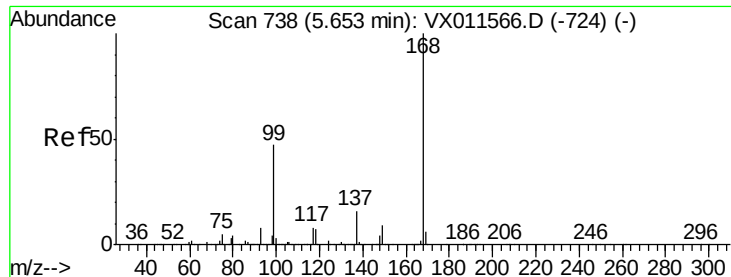
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081919\
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Quant Time: Aug 20 11:36:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
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: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampled :

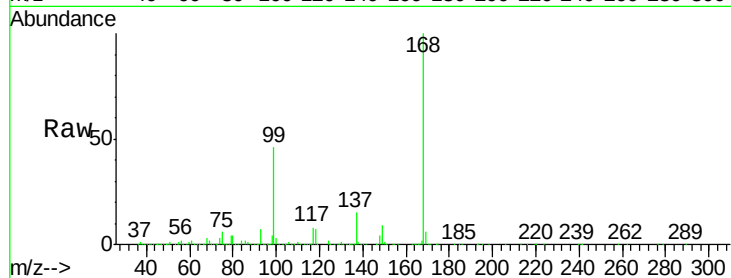
PH2-0137DL

Tot Ion:168 Resp: 433959

Ion Ratio Lower Upper

168 100

99 45.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

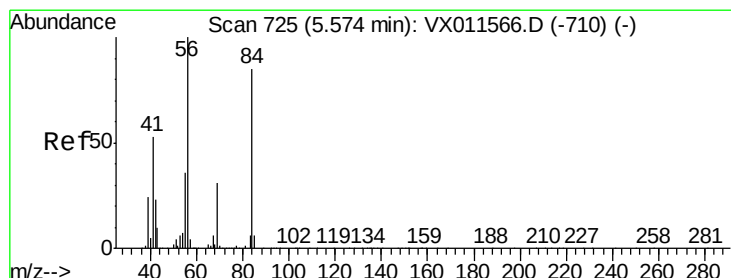
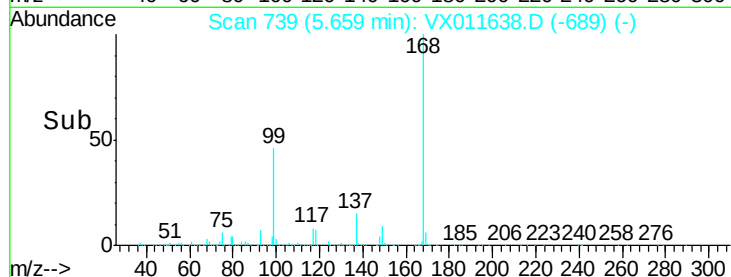
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 2.132 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

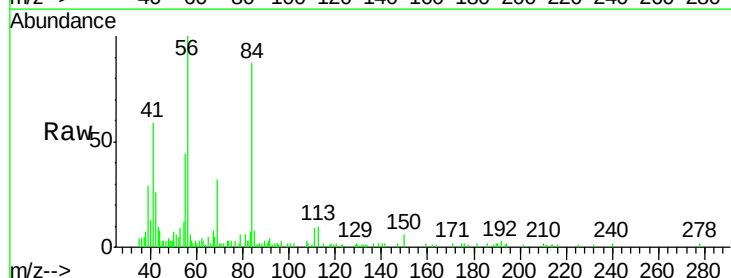
Tgt Ion: 56 Resp: 12719

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 89.0 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

5.57

6000

5000

4000

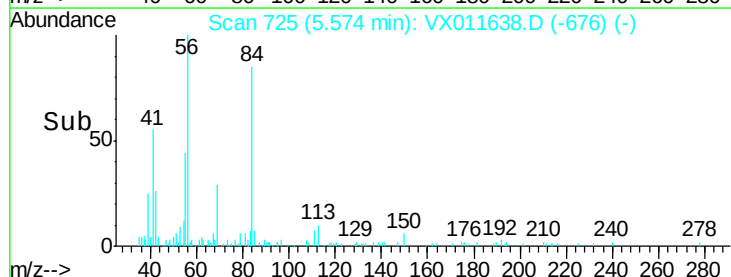
3000

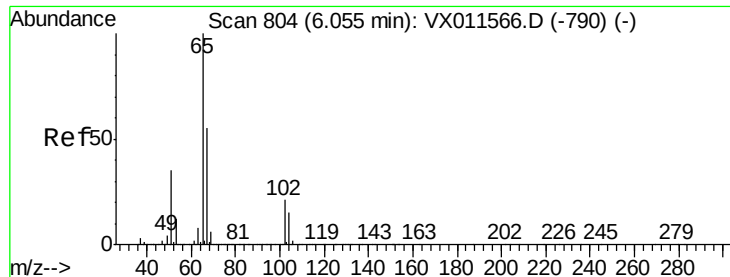
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.763 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampled :

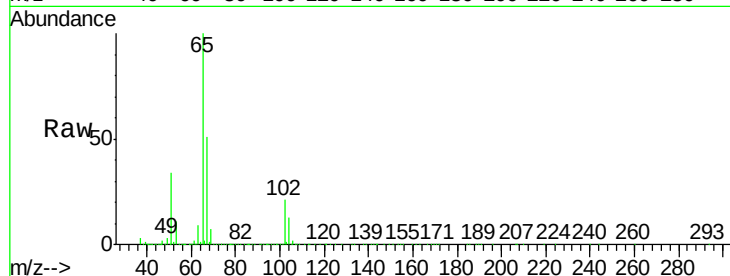
PH2-0137DL

Tot Ion: 65 Resp: 200267

Ion Ratio Lower Upper

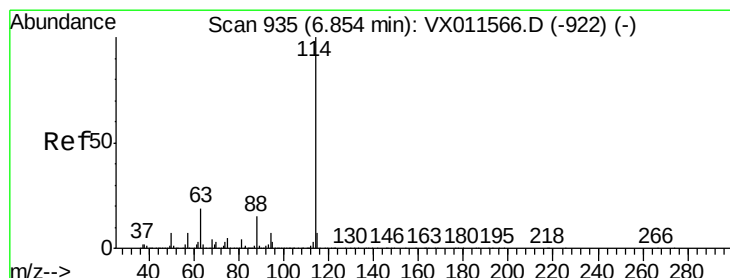
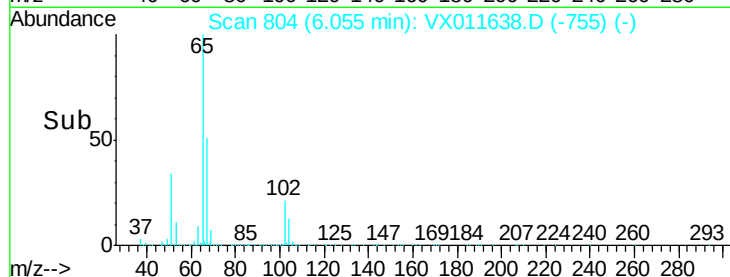
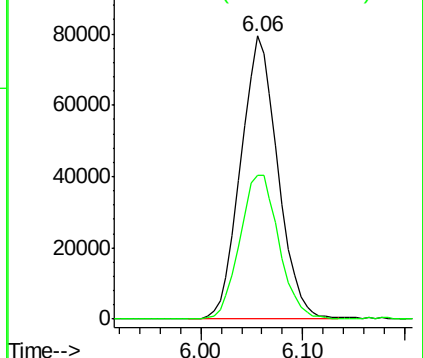
65 100

67 53.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

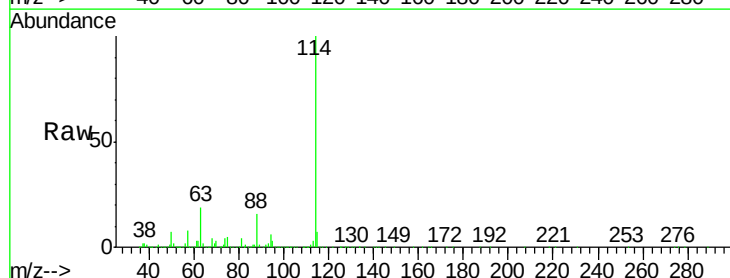
Tgt Ion: 114 Resp: 590653

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

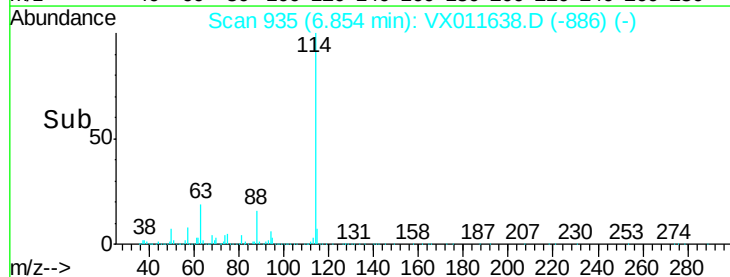
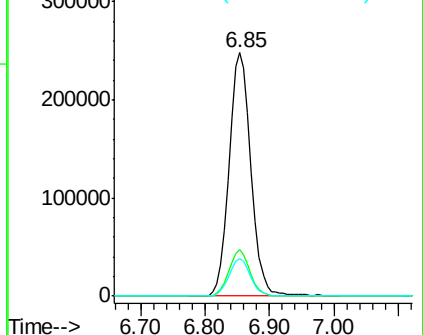
88 15.5 0.0 30.2

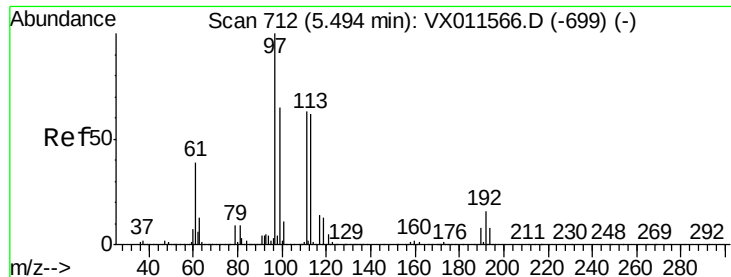


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.283 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

PH2-0137DL

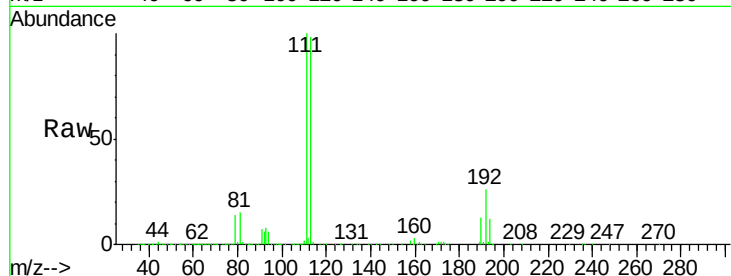
Tot Ion:113 Resp: 174940

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

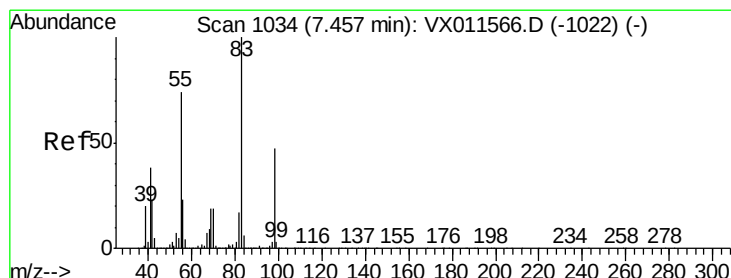
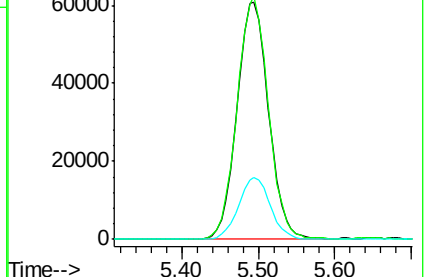
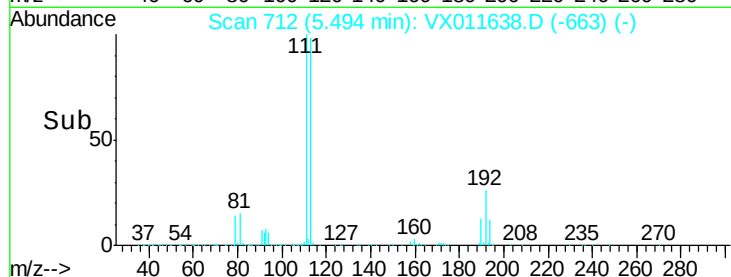
192 26.2 20.8 31.2



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



#39

Methylcyclohexane

Concen: 2.484 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

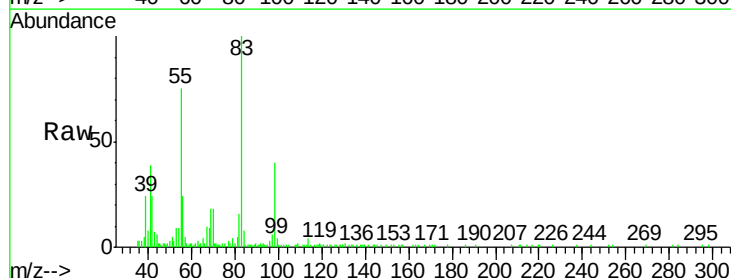
Tgt Ion: 83 Resp: 15491

Ion Ratio Lower Upper

83 100

55 73.8 58.8 88.2

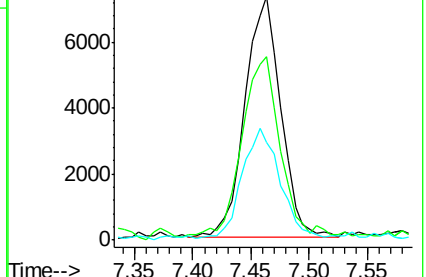
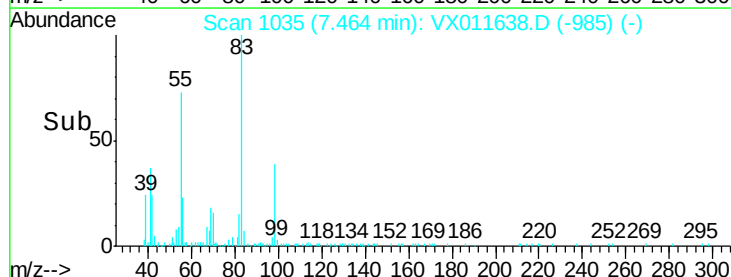
98 39.2 37.8 56.6

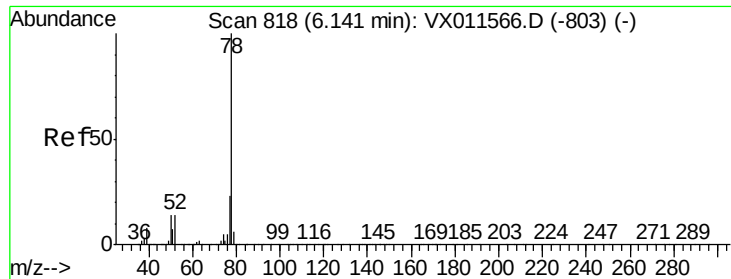


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 12.696 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

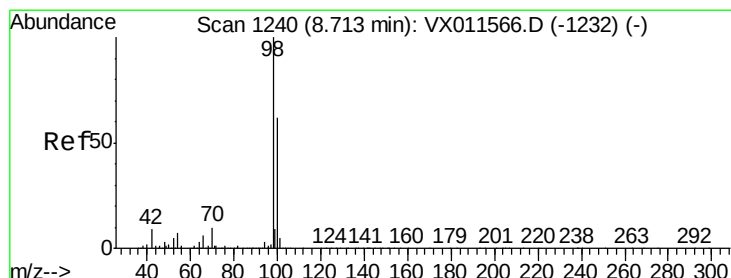
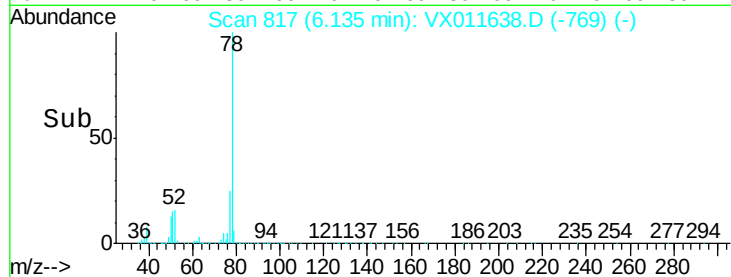
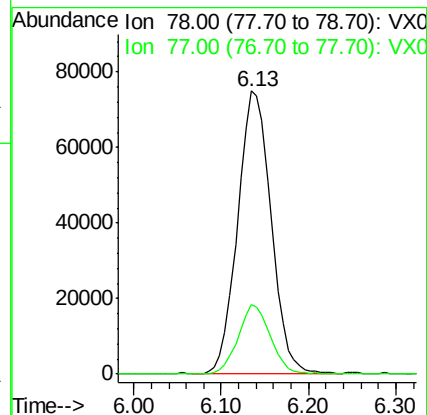
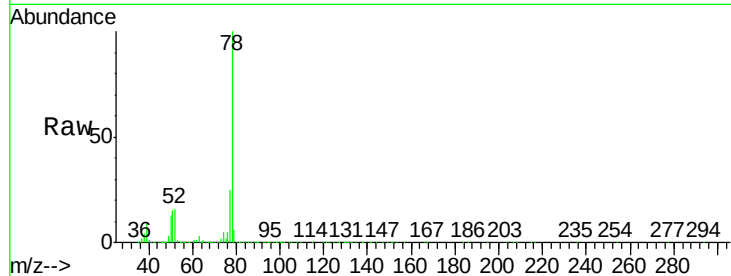
PH2-0137DL

Tot Ion: 78 Resp: 199249

Ion Ratio Lower Upper

78 100

77 24.5 18.6 28.0



#50

Toluene-d8

Concen: 52.567 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011638.D

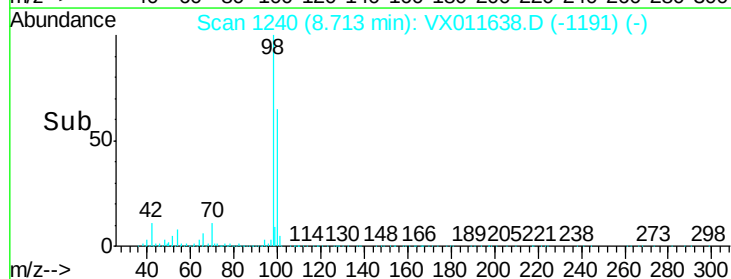
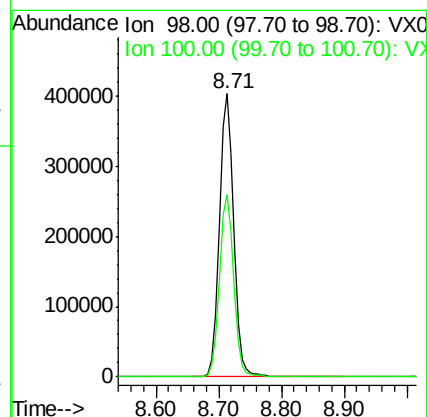
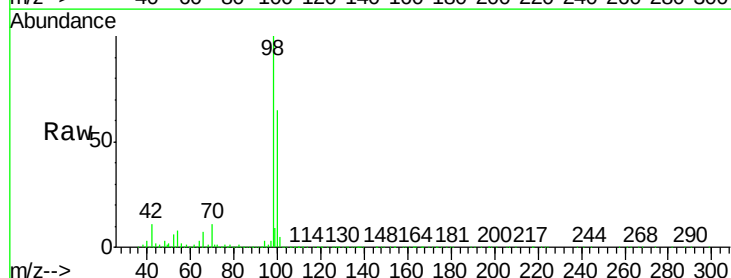
Acq: 19 Aug 2019 17:40

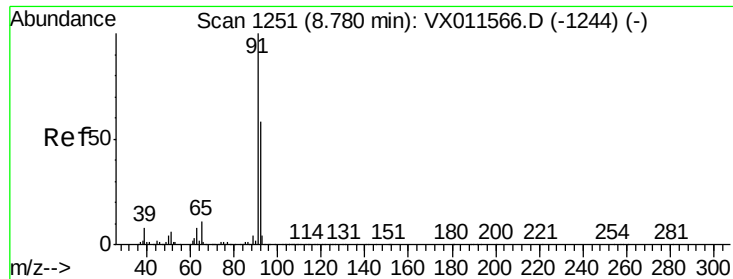
Tgt Ion: 98 Resp: 632773

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6





#52

Toluene

Concen: 75.672 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

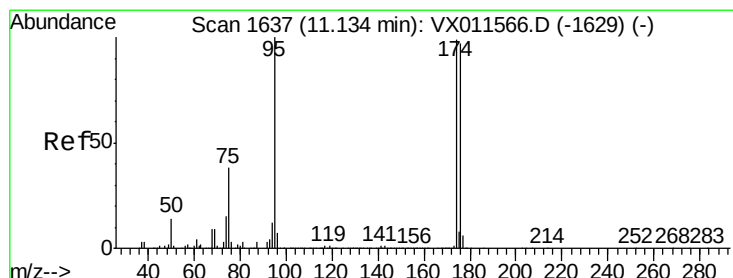
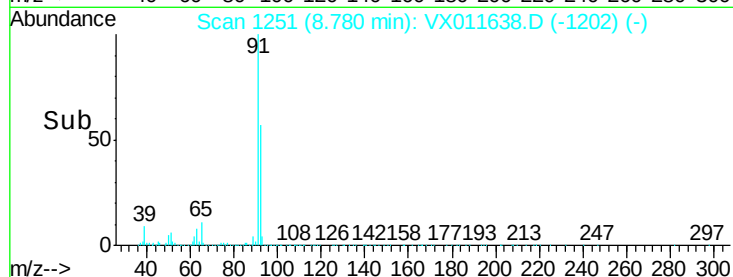
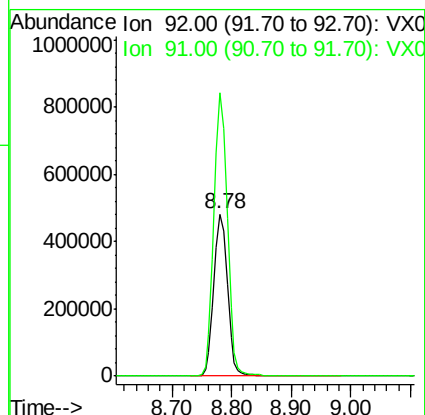
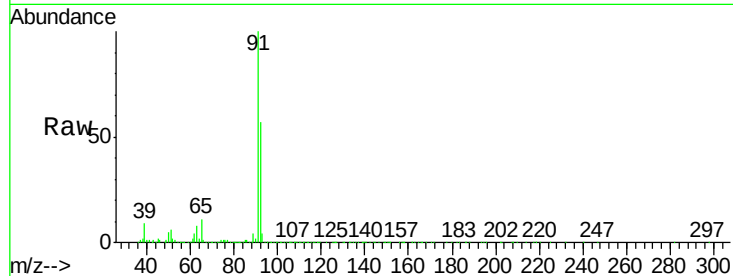
PH2-0137DL

Tot Ion: 92 Resp: 756570

Ion Ratio Lower Upper

92 100

91 173.2 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 46.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

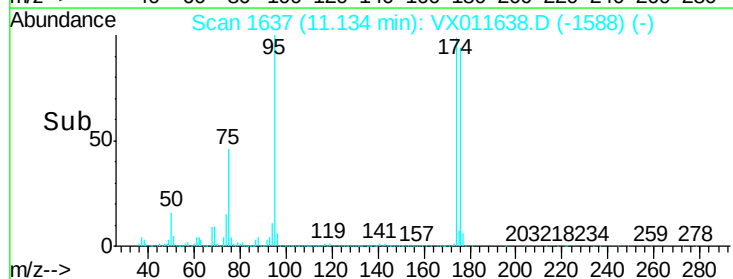
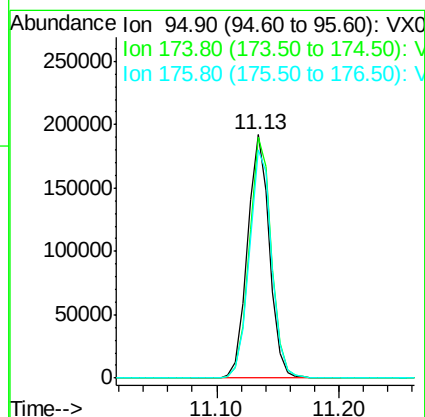
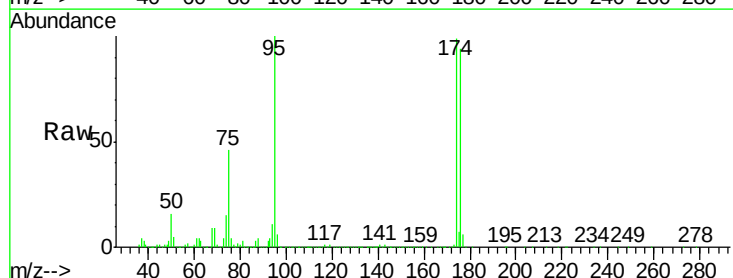
Tgt Ion: 95 Resp: 238216

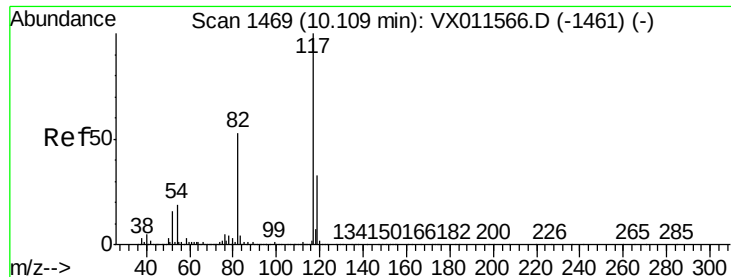
Ion Ratio Lower Upper

95 100

174 99.8 0.0 200.6

176 96.2 0.0 196.6

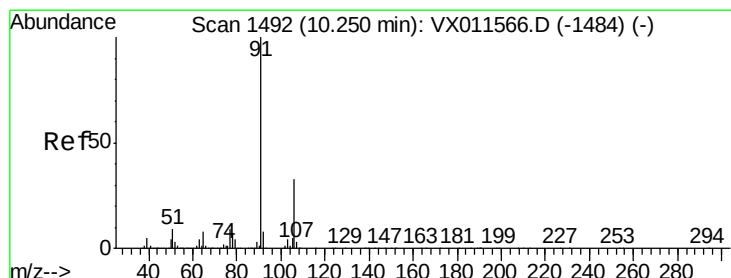
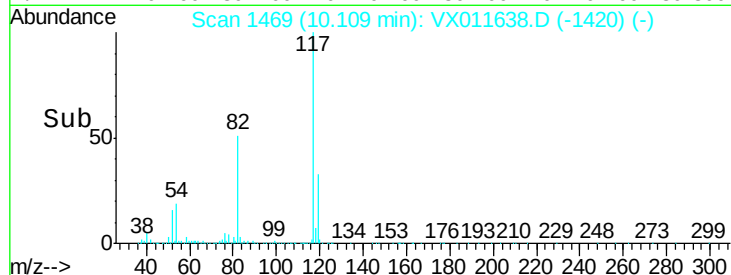
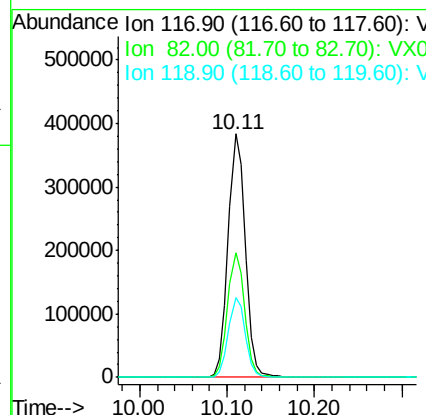
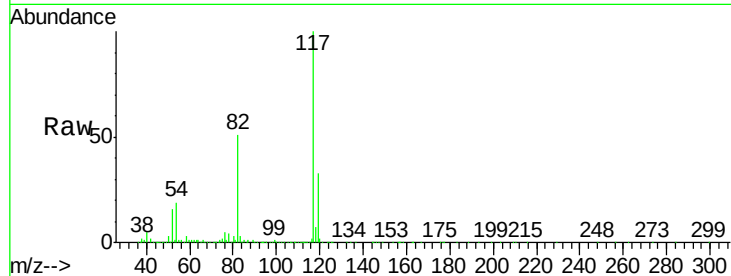




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

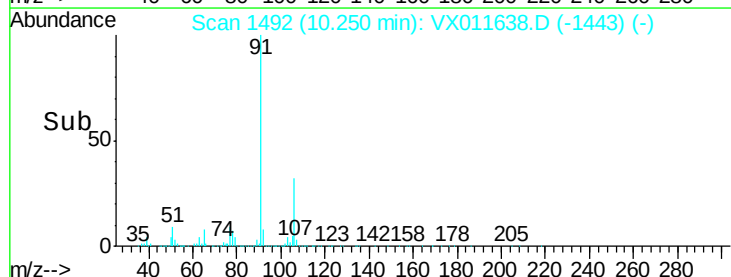
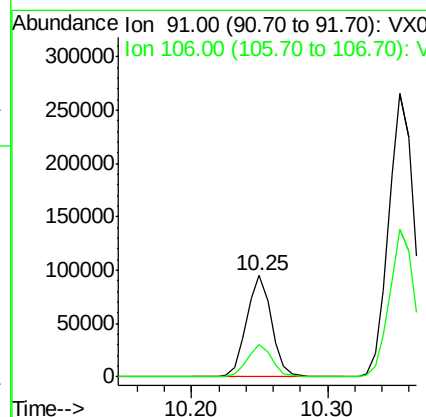
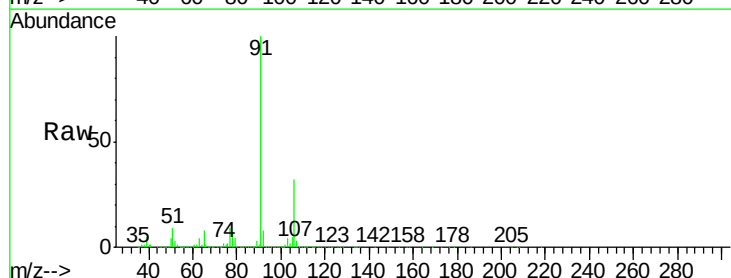
Instrument :
MSVOA_X
ClientSampled :
PH2-0137DL

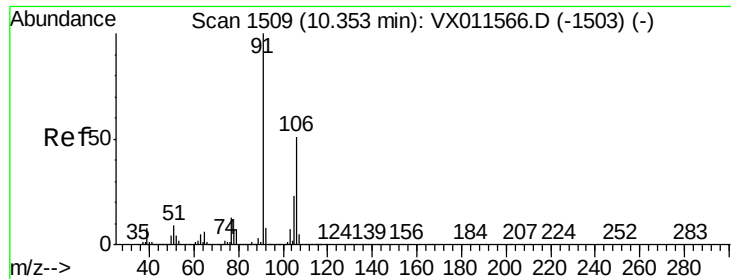
Tot Ion:117 Resp: 521250
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 32.7 26.5 39.7



#67
Ethyl Benzene
Concen: 6.556 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

Tgt Ion: 91 Resp: 121647
Ion Ratio Lower Upper
91 100
106 31.8 26.0 39.0

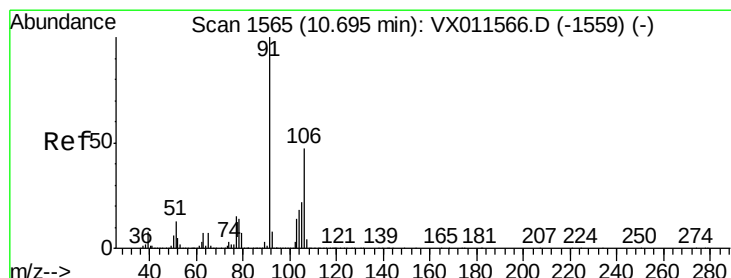
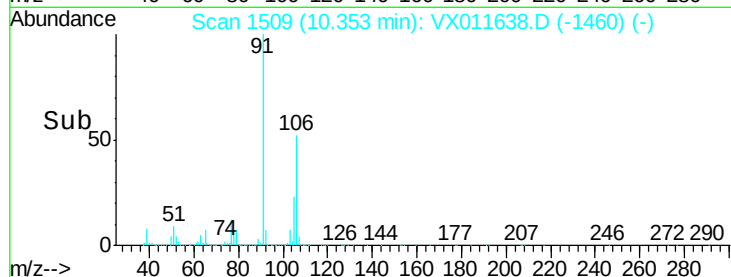
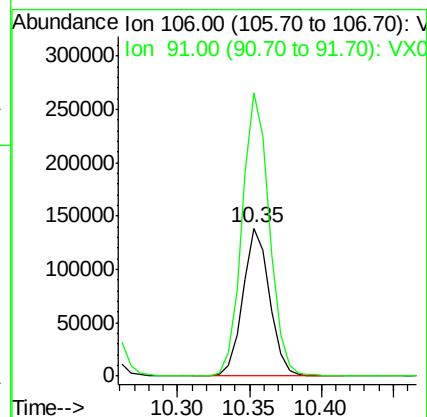
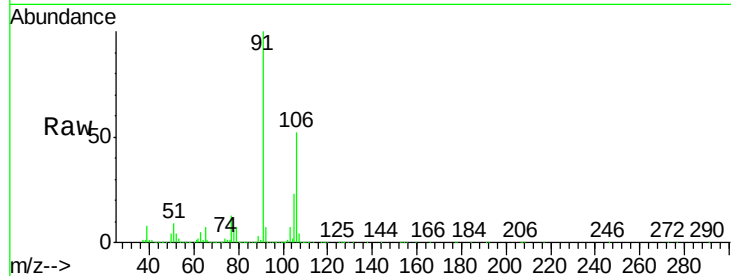




#68
m/p-Xylenes
Concen: 24.994 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

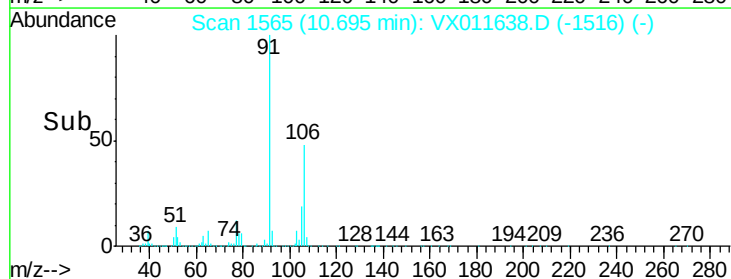
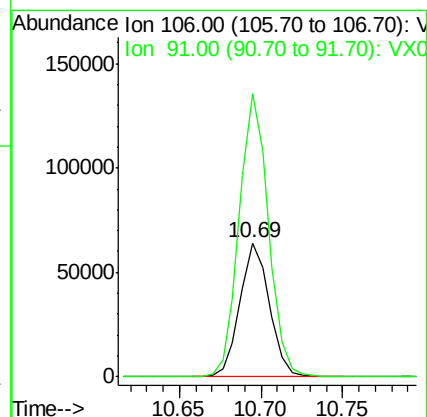
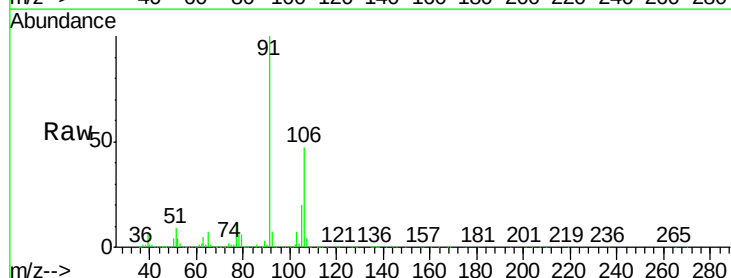
Instrument :
MSVOA_X
ClientSampleId :
PH2-0137DL

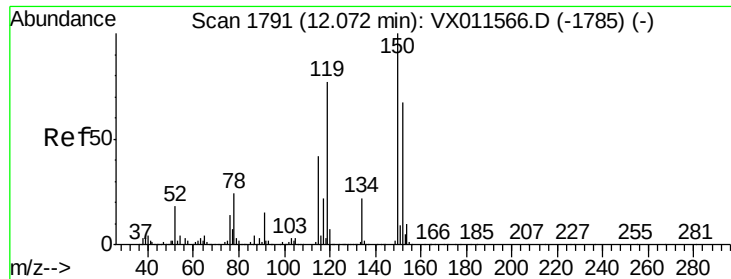
Tot Ion:106 Resp: 178014
Ion Ratio Lower Upper
106 100
91 195.8 156.0 234.0



#69
o-Xylene
Concen: 11.522 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

Tgt Ion:106 Resp: 80385
Ion Ratio Lower Upper
106 100
91 211.1 105.5 316.4



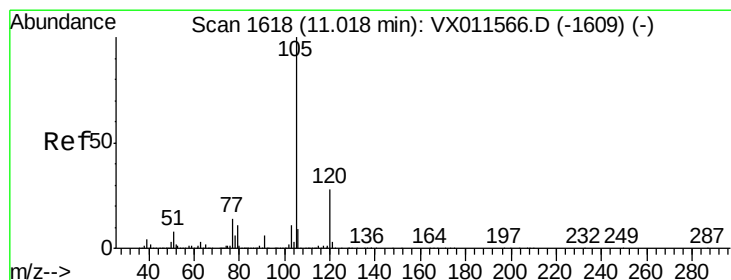
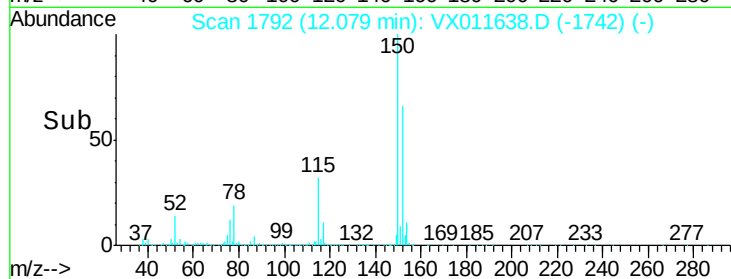
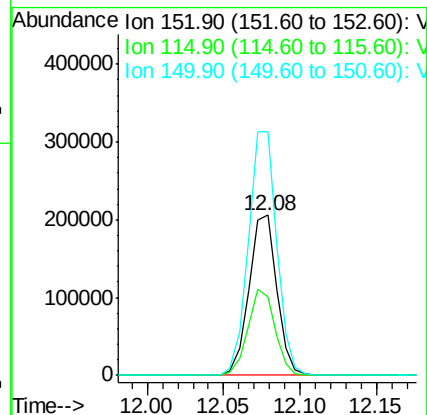
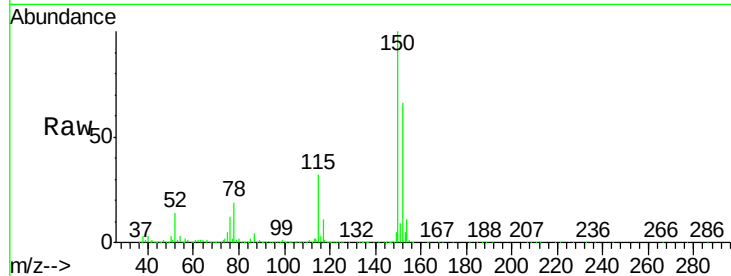


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
PH2-0137DL

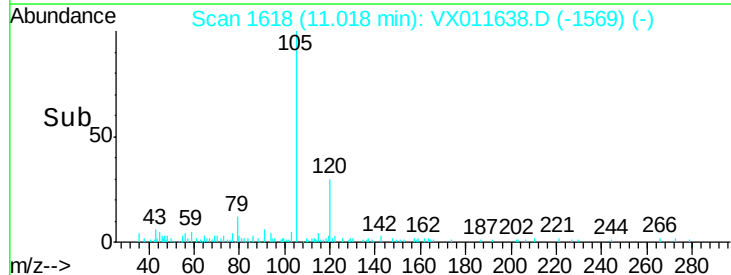
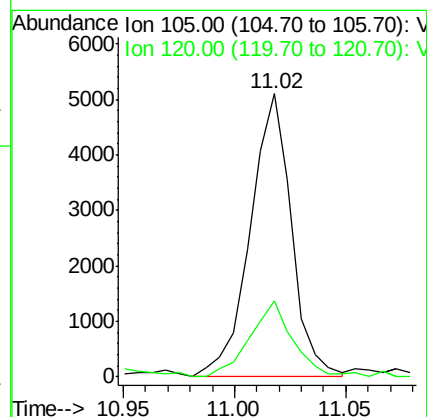
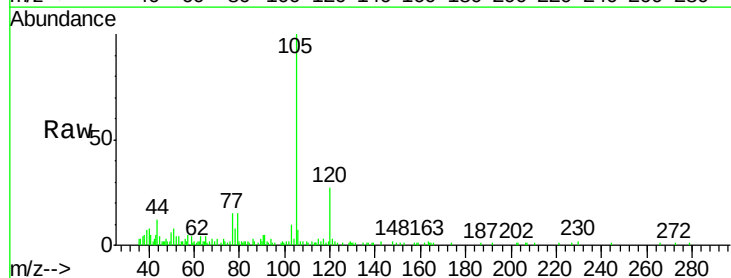
Tot Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.3	111.9
150	155.2	0.0	346.2

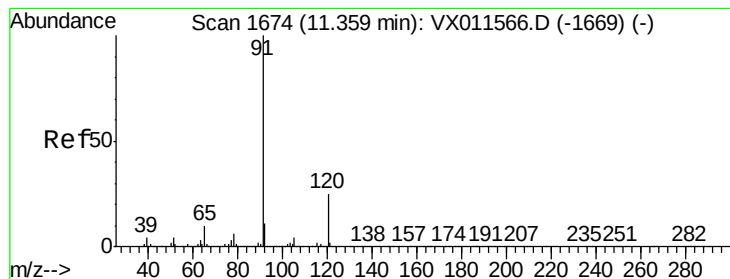


#73

Isopropylbenzene
Concen: 0.391 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011638.D
Acq: 19 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	14.0	41.9





#78

n-propylbenzene

Concen: 0.296 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011638.D

Acq: 19 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

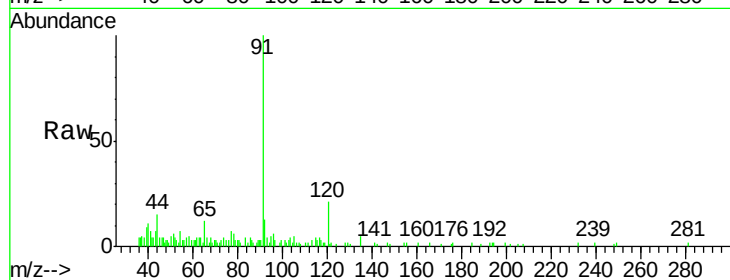
PH2-0137DL

Tot Ion: 91 Resp: 5377

Ion Ratio Lower Upper

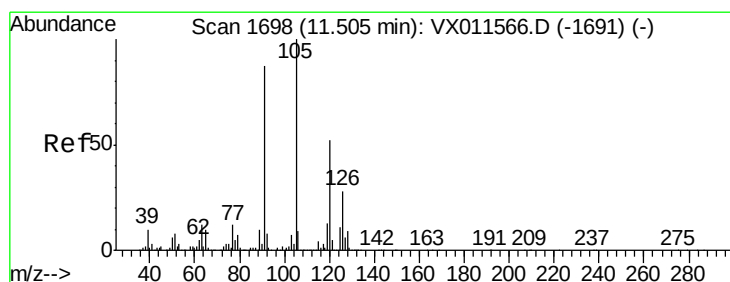
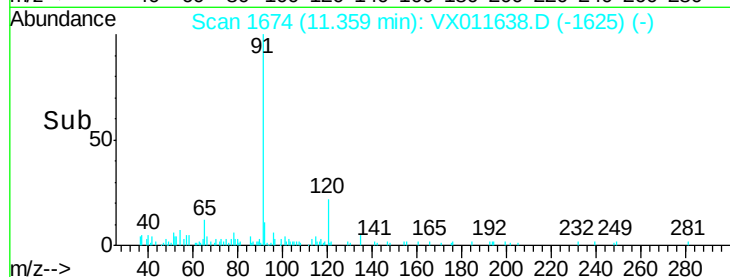
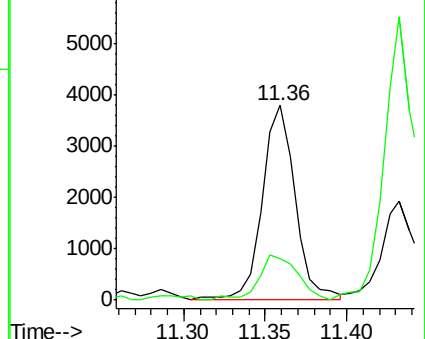
91 100

120 27.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.692 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011638.D

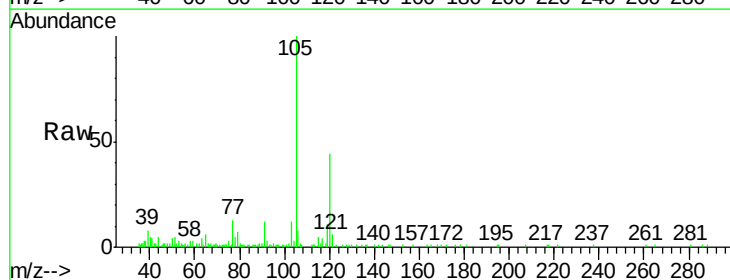
Acq: 19 Aug 2019 17:40

Tgt Ion:105 Resp: 9799

Ion Ratio Lower Upper

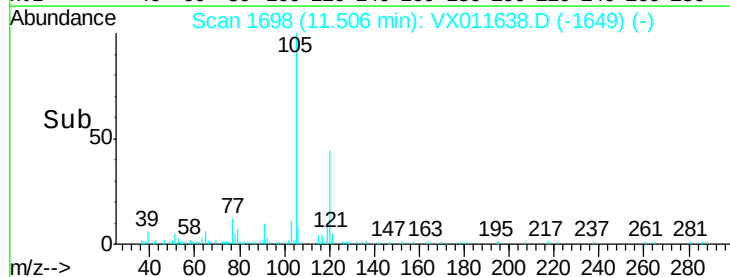
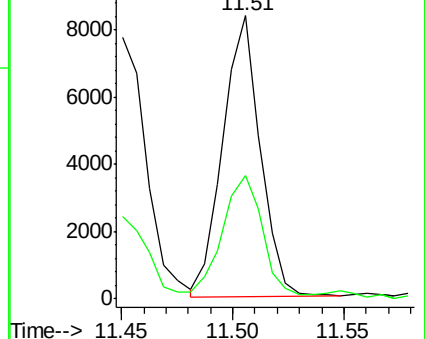
105 100

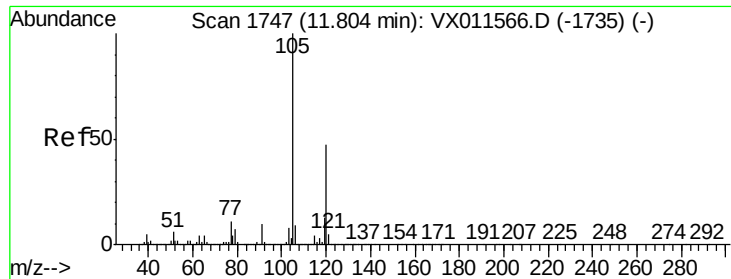
120 48.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.585 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011638.D
 Acq: 19 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0137DL

Tot Ion:105 Resp: 22553
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.9

