

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011691.D
 Acq On : 20 Aug 2019 17:46
 Operator : JC/SP
 Sample : K4351-01DL2 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL2

Quant Time: Aug 21 00:13:57 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	403831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	568506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	502696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	254353	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	199220	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
35) Dibromofluoromethane	5.49	113	163173	43.88	ug/l	0.00
Spiked Amount			Recovery	=	87.76%	
50) Toluene-d8	8.71	98	643463	55.54	ug/l	0.00
Spiked Amount			Recovery	=	111.08%	
62) 4-Bromofluorobenzene	11.13	95	231303	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

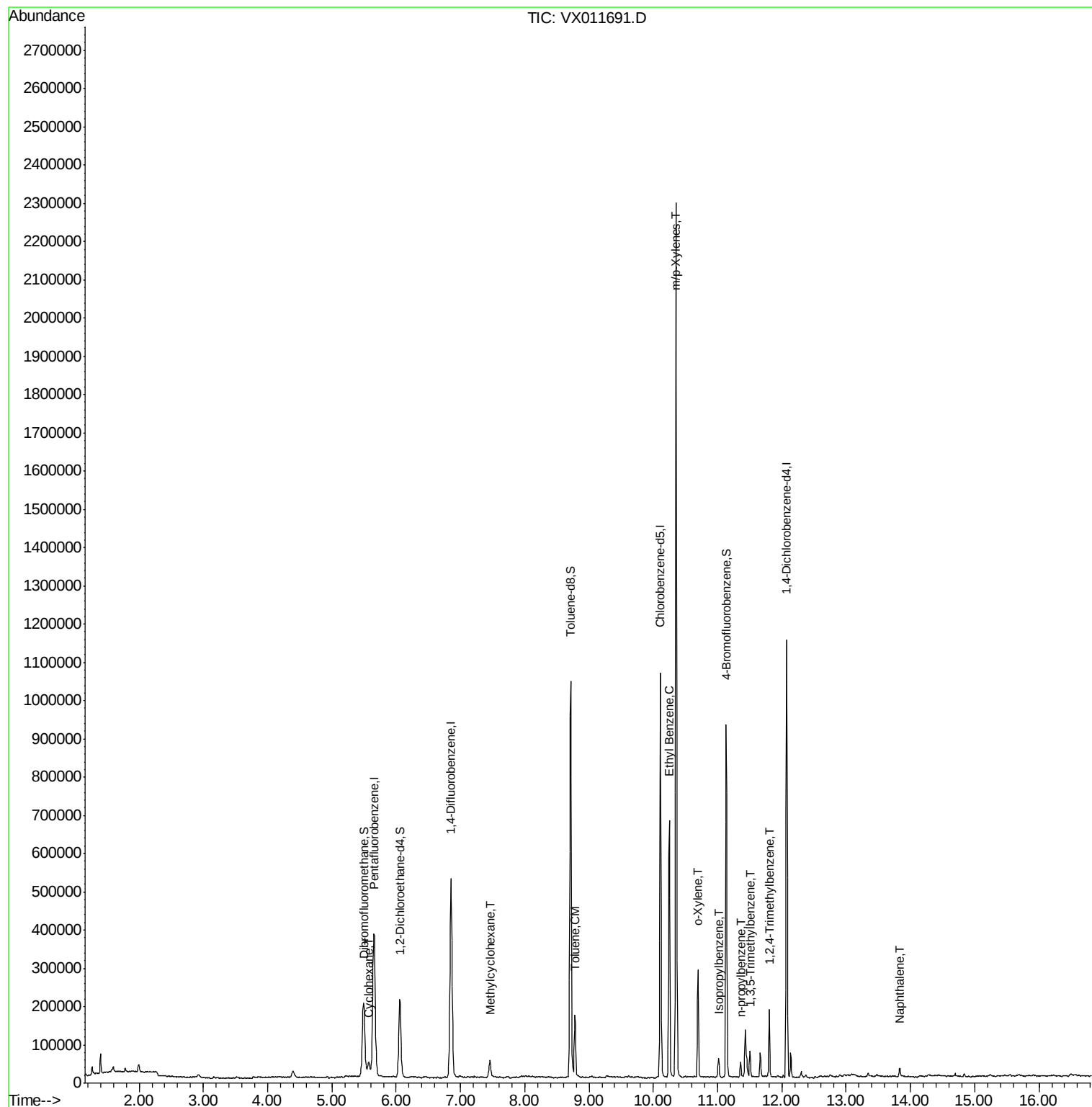
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	26339	4.743	ug/l	93
39) Methylcyclohexane	7.46	83	21054	3.507	ug/l	95
52) Toluene	8.78	92	60867	6.325	ug/l	100
67) Ethyl Benzene	10.25	91	388277	21.699	ug/l	99
68) m/p-Xylenes	10.35	106	531706	77.410	ug/l	97
69) o-Xylene	10.69	106	63220	9.396	ug/l	99
73) Isopropylbenzene	11.02	105	26067	1.579	ug/l	99
78) n-propylbenzene	11.36	91	23187	1.303	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	29656	2.139	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	76662	5.508	ug/l	99
95) Naphthalene	13.83	128	15876	0.890	ug/l #	93

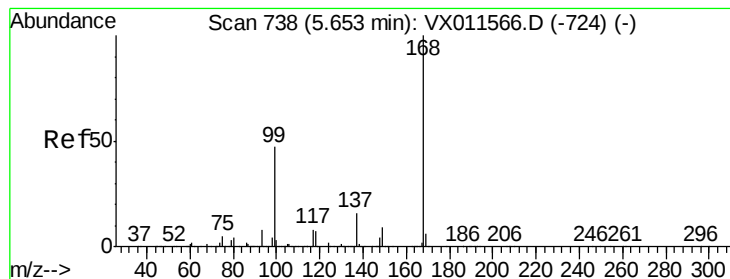
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082019\
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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: VX011691.D

Acq: 20 Aug 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

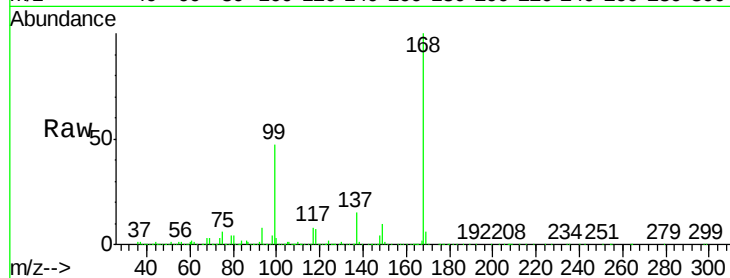
PH2-0142DL2

Tot Ion:168 Resp: 403831

Ion Ratio Lower Upper

168 100

99 47.4 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

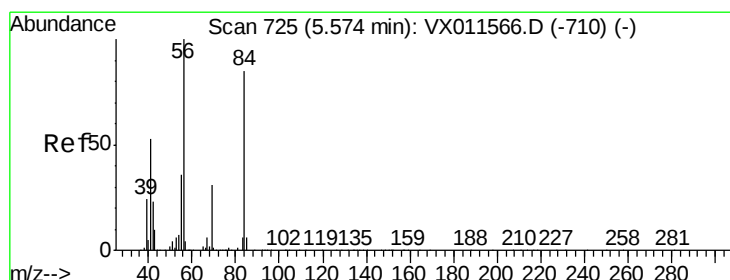
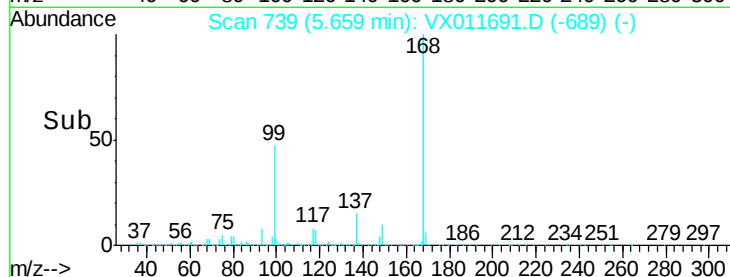
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 4.743 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

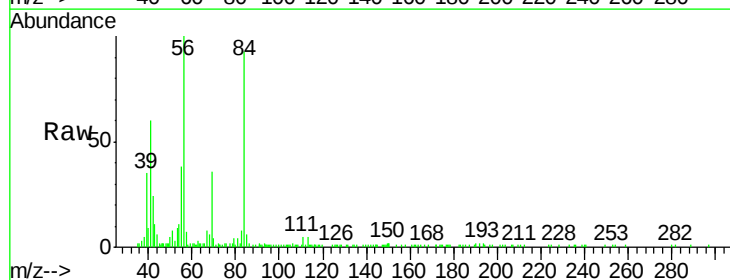
Tgt Ion: 56 Resp: 26339

Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 93.5 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

10000

8000

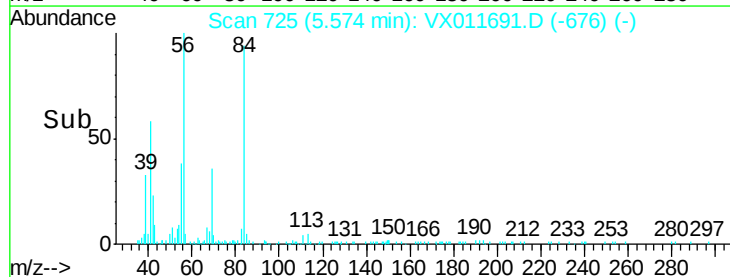
6000

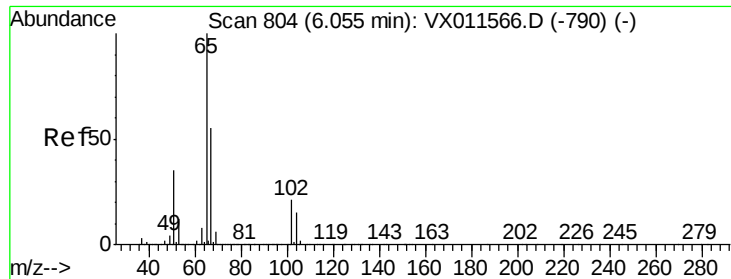
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.197 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

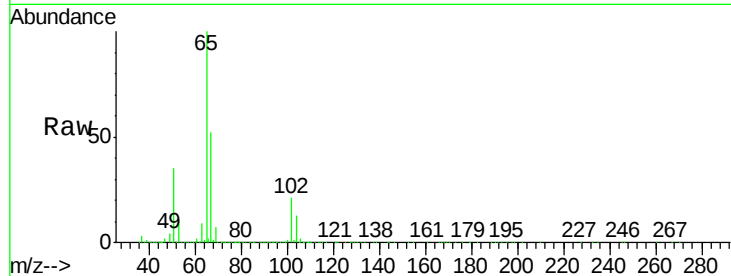
PH2-0142DL2

Tot Ion: 65 Resp: 199220

Ion Ratio Lower Upper

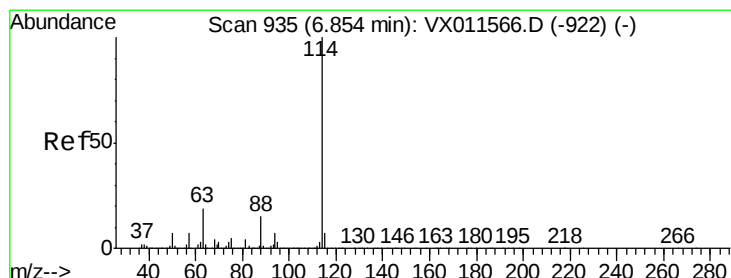
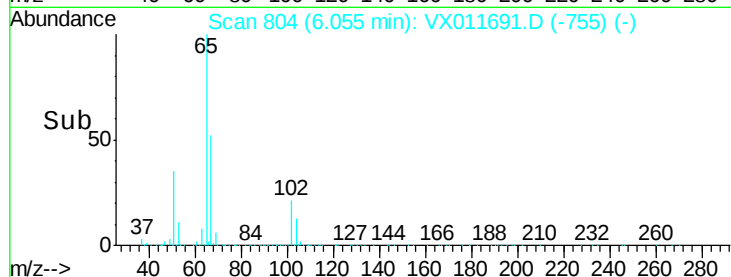
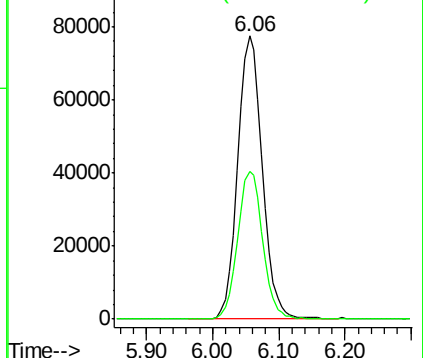
65 100

67 52.8 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: VX011691.D

Acq: 20 Aug 2019 17:46

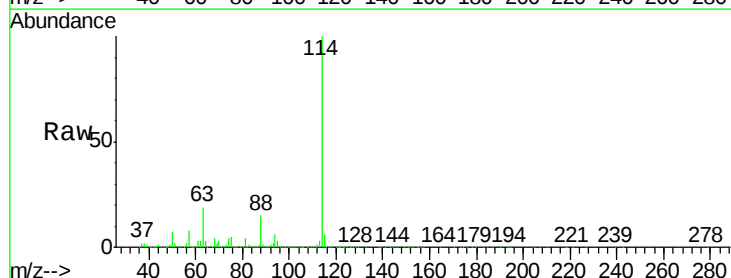
Tgt Ion: 114 Resp: 568506

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

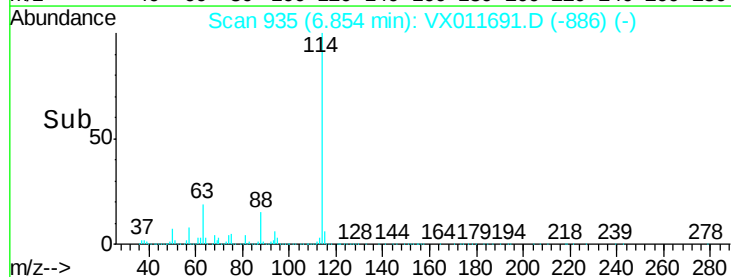
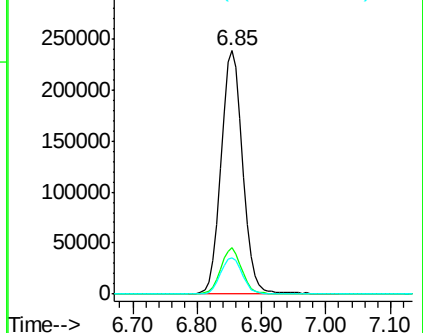
88 15.1 0.0 30.2

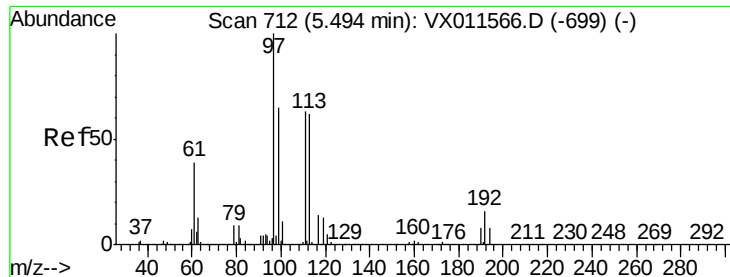


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.883 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142DL2

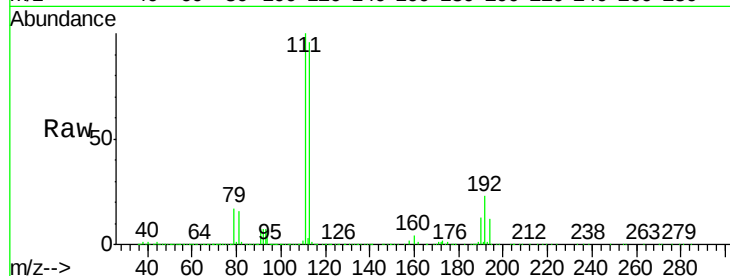
Tot Ion:113 Resp: 163173

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

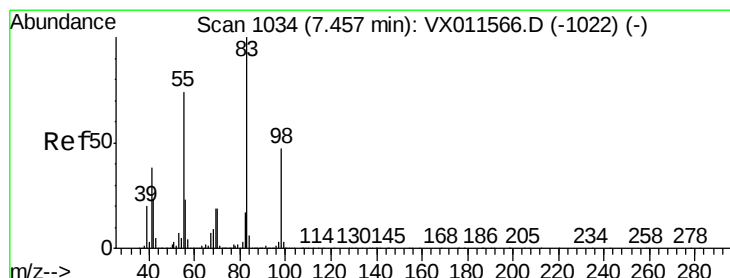
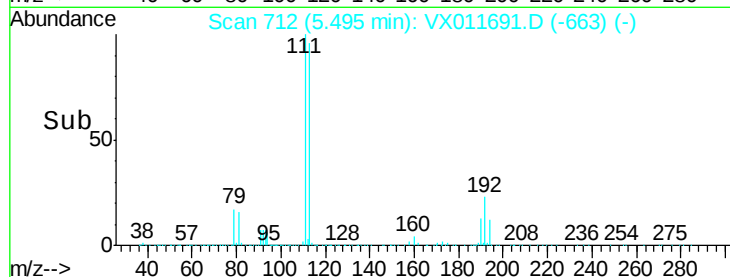
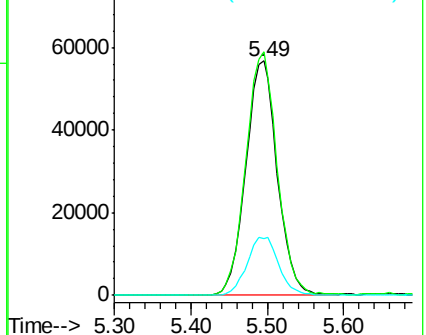
192 25.1 20.8 31.2



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

Methylcyclohexane

Concen: 3.507 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

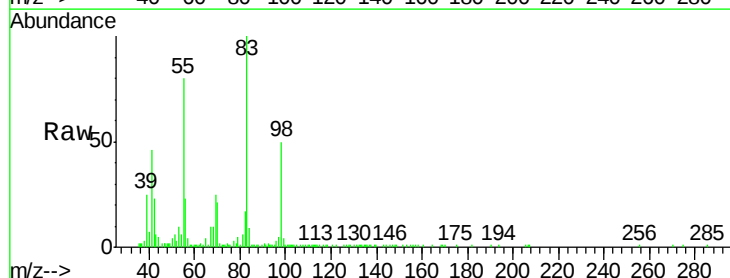
Tgt Ion: 83 Resp: 21054

Ion Ratio Lower Upper

83 100

55 78.5 58.8 88.2

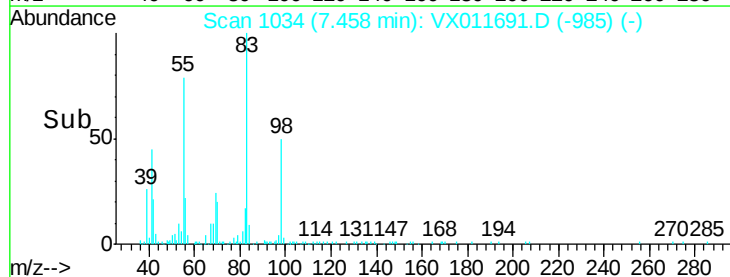
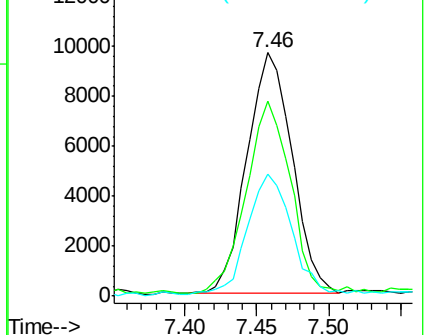
98 49.9 37.8 56.6

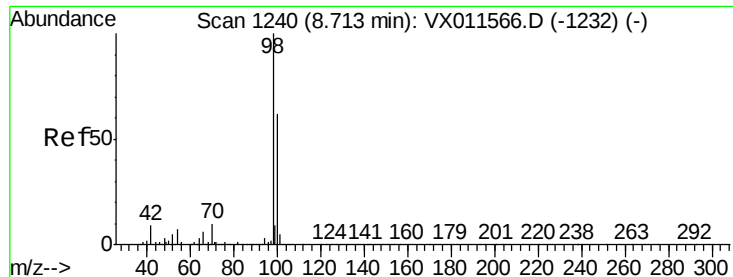


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

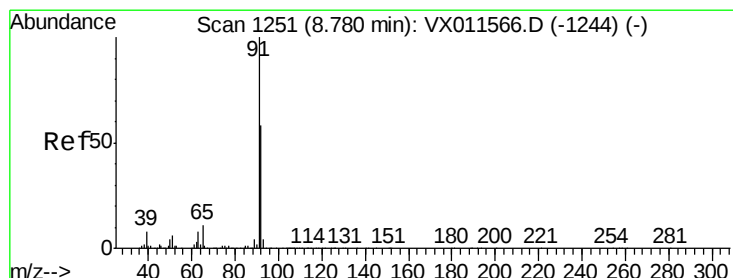
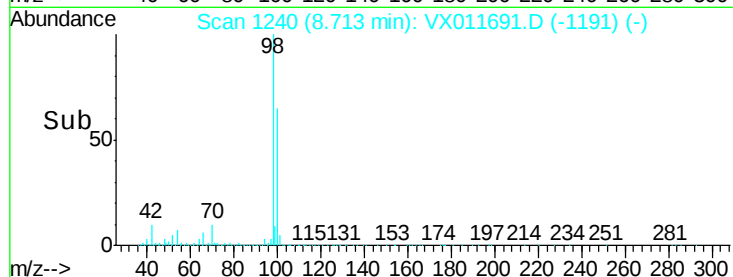
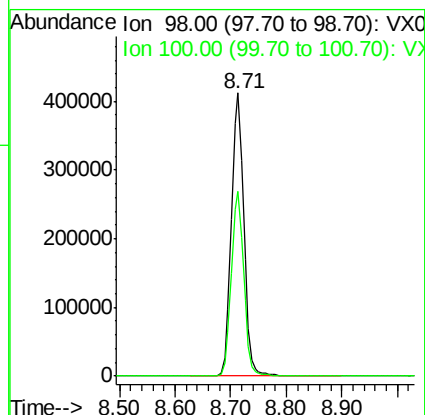
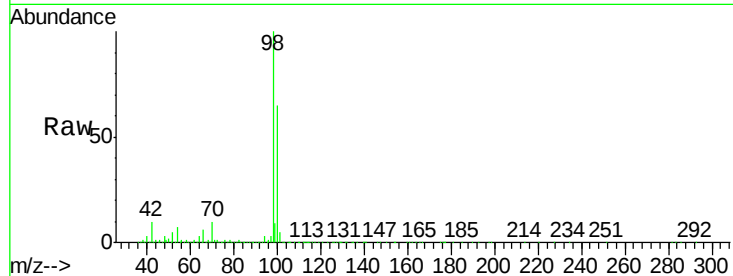




#50
Toluene-d8
Concen: 55.538 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

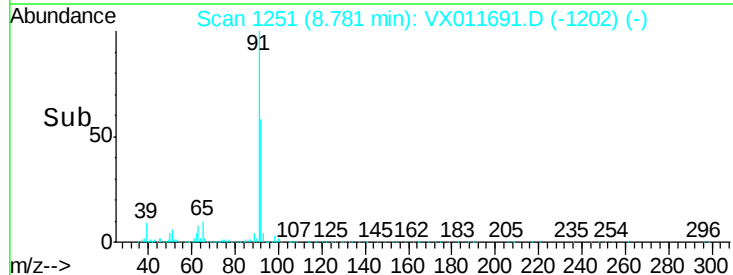
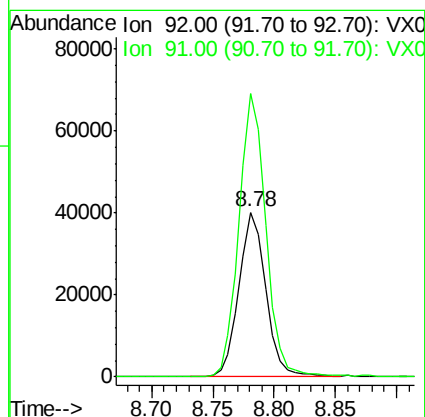
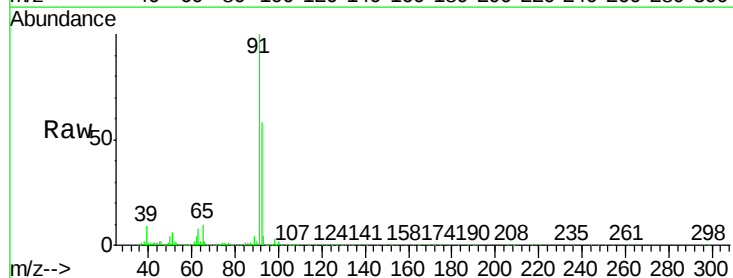
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL2

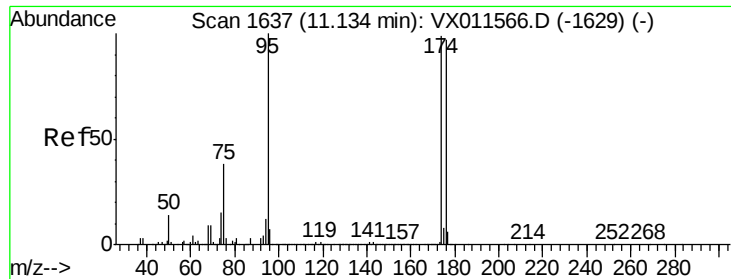
Tot Ion: 98 Resp: 643463
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#52
Toluene
Concen: 6.325 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

Tgt Ion: 92 Resp: 60867
Ion Ratio Lower Upper
92 100
91 172.2 138.0 207.0





#62

4-Bromofluorobenzene

Concen: 47.299 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142DL2

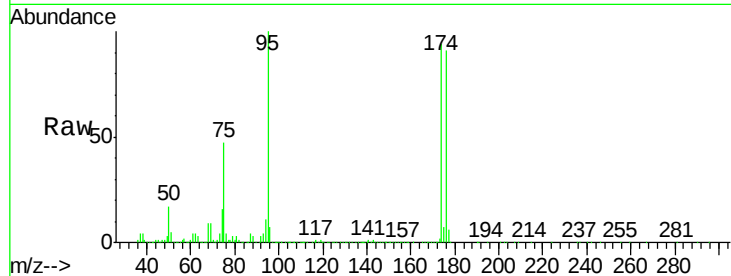
Tot Ion: 95 Resp: 231303

Ion Ratio Lower Upper

95 100

174 96.6 0.0 200.6

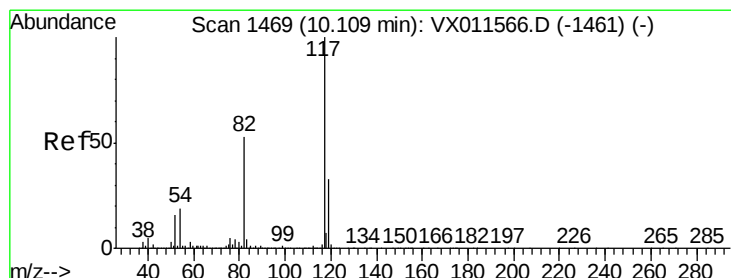
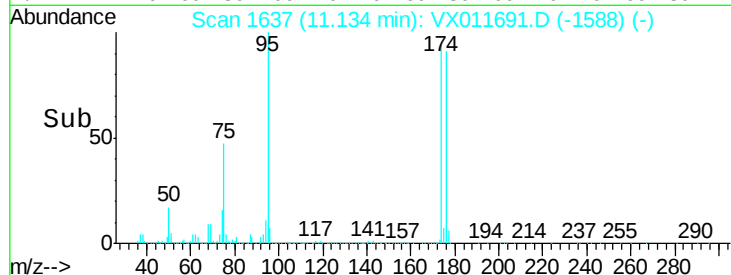
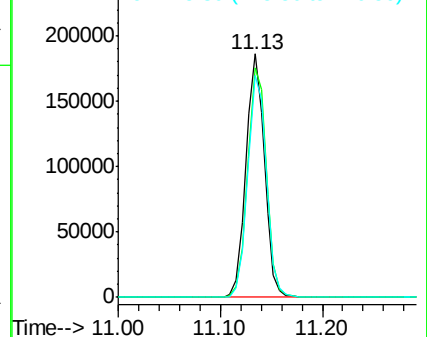
176 93.0 0.0 196.6



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: VX011691.D

Acq: 20 Aug 2019 17:46

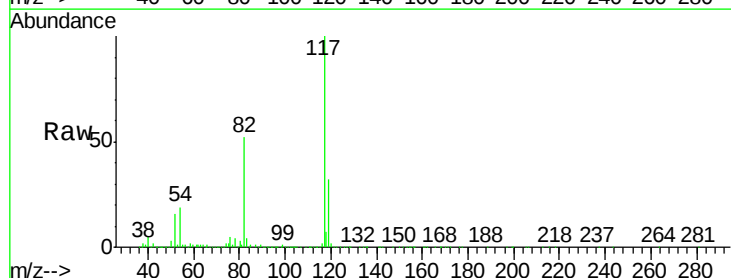
Tgt Ion: 117 Resp: 502696

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

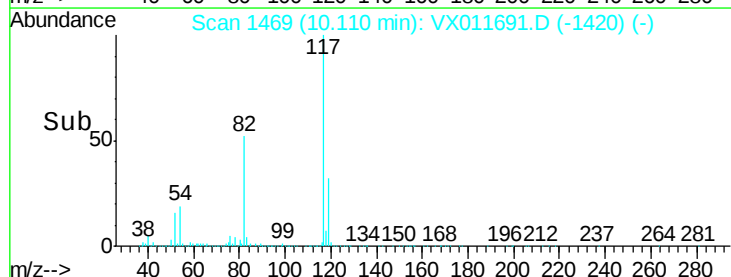
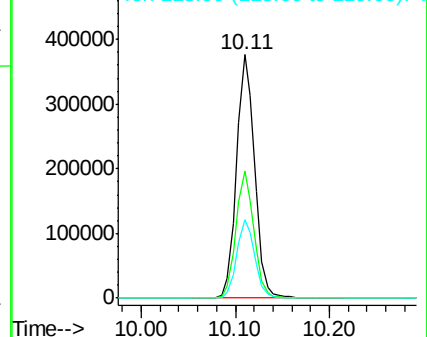
119 32.2 26.5 39.7

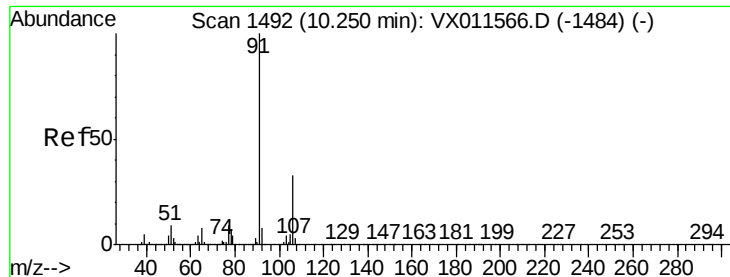


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

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

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

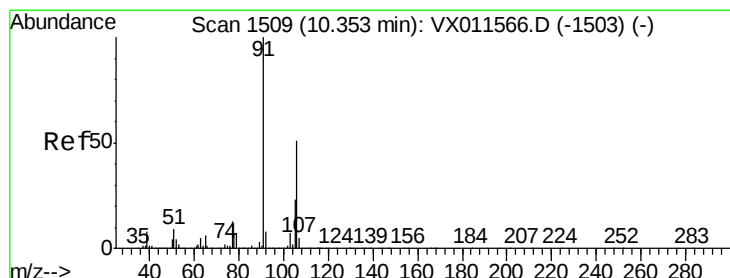
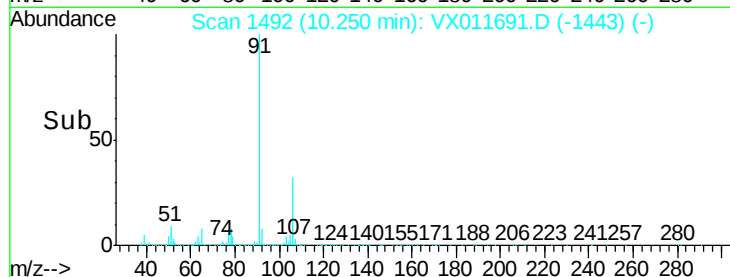
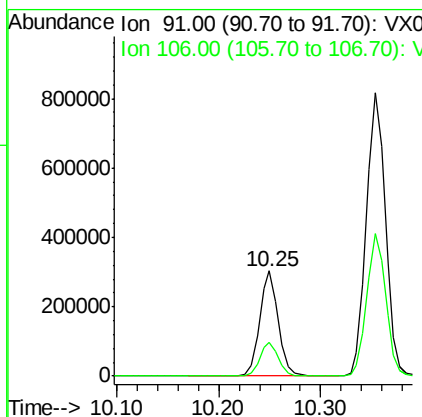
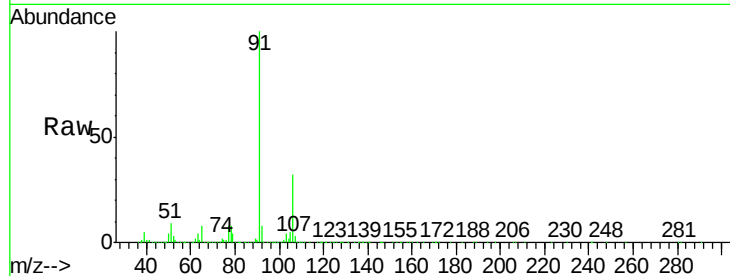




#67
Ethyl Benzene
Concen: 21.699 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

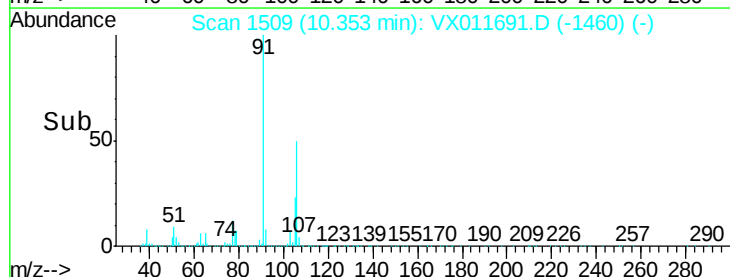
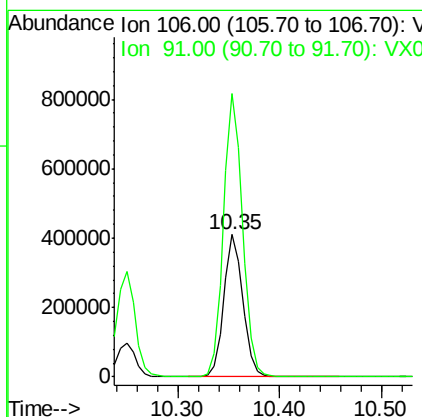
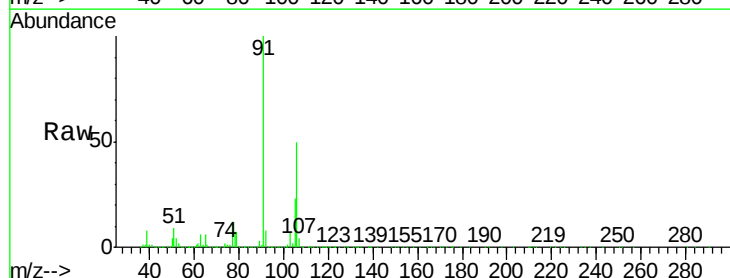
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL2

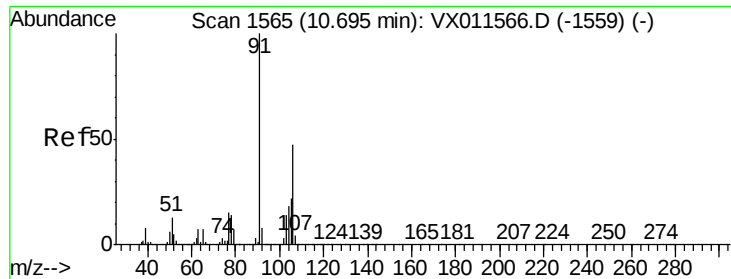
Tot Ion: 91 Resp: 388277
Ion Ratio Lower Upper
91 100
106 31.8 26.0 39.0



#68
m/p-Xylenes
Concen: 77.410 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

Tgt Ion: 106 Resp: 531706
Ion Ratio Lower Upper
106 100
91 200.0 156.0 234.0

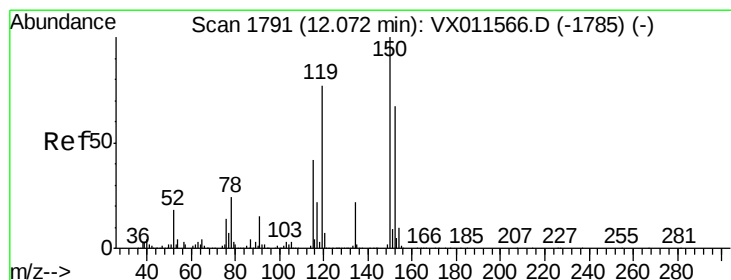
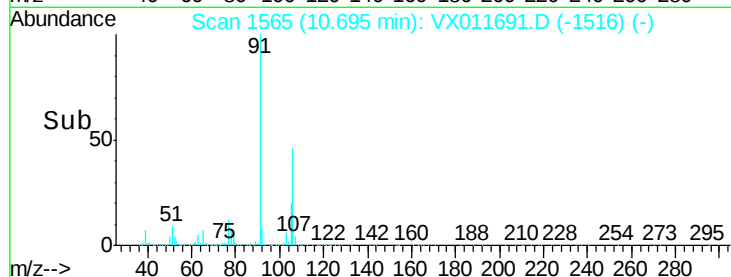
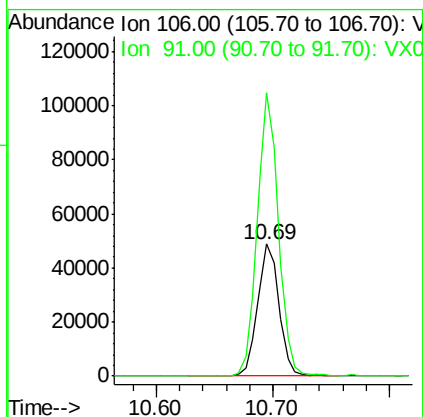
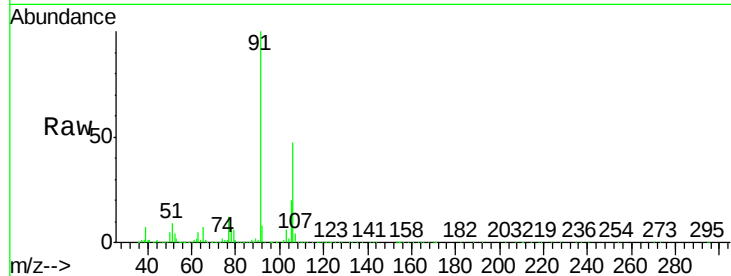




#69
o-Xylene
Concen: 9.396 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

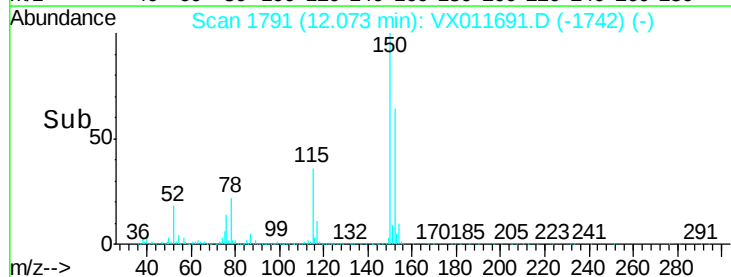
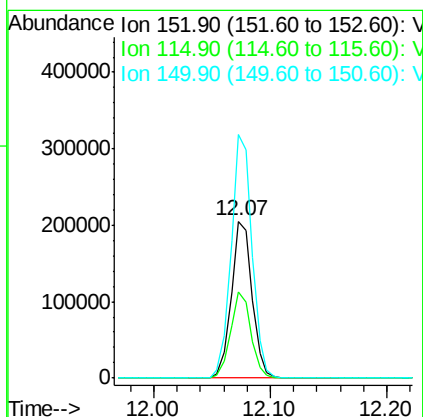
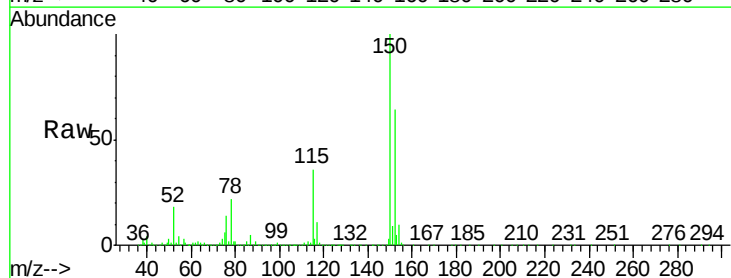
Instrument :
MSVOA_X
ClientSampled :
PH2-0142DL2

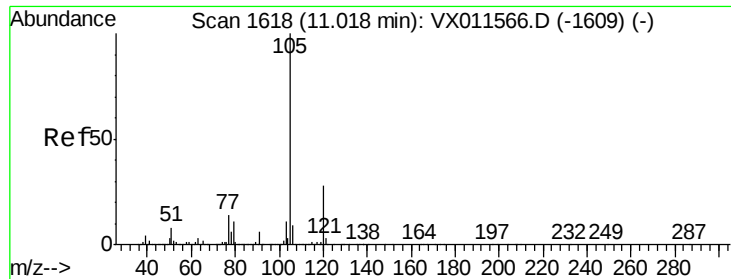
Tot Ion:106 Resp: 63220
Ion Ratio Lower Upper
106 100
91 209.5 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

Tgt Ion:152 Resp: 254353
Ion Ratio Lower Upper
152 100
115 53.7 37.3 111.9
150 156.2 0.0 346.2





#73

Isopropylbenzene

Concen: 1.579 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011691.D

Acq: 20 Aug 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

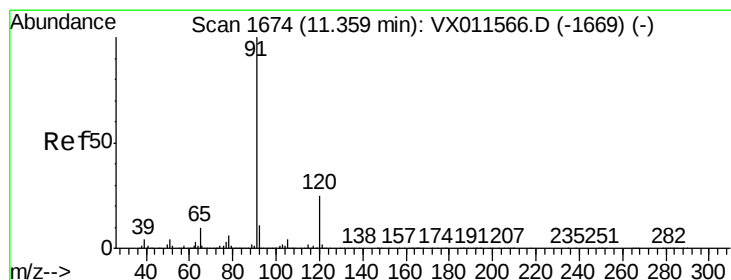
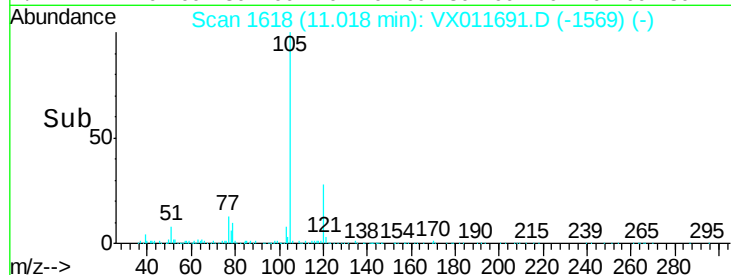
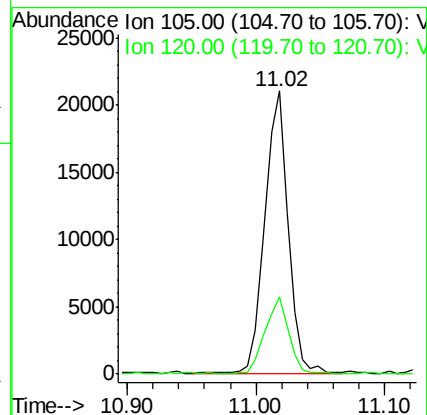
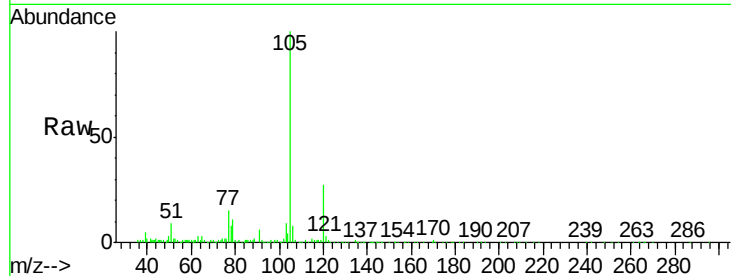
PH2-0142DL2

Tot Ion: 105 Resp: 26067

Ion Ratio Lower Upper

105 100

120 28.5 14.0 41.9



#78

n-propylbenzene

Concen: 1.303 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011691.D

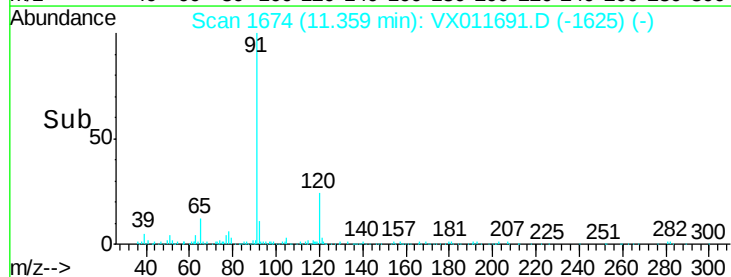
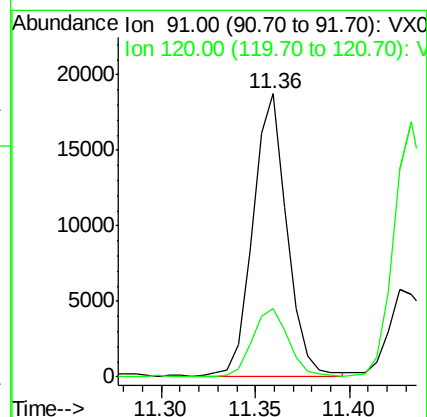
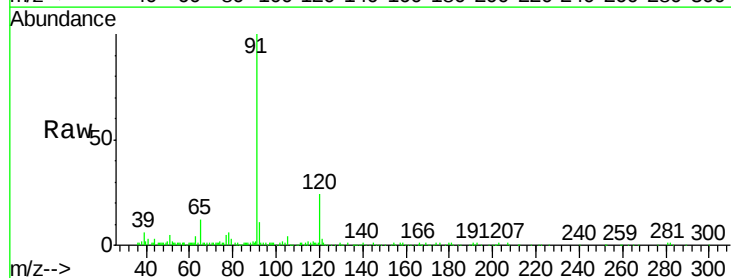
Acq: 20 Aug 2019 17:46

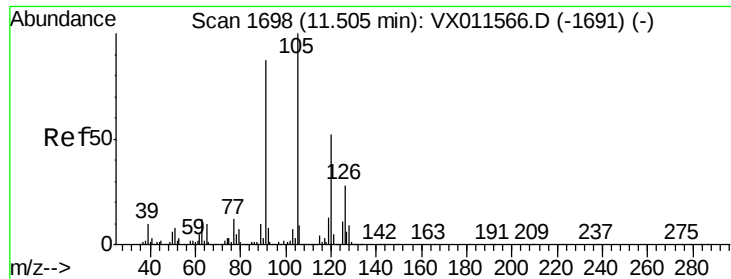
Tgt Ion: 91 Resp: 23187

Ion Ratio Lower Upper

91 100

120 26.0 12.6 37.6

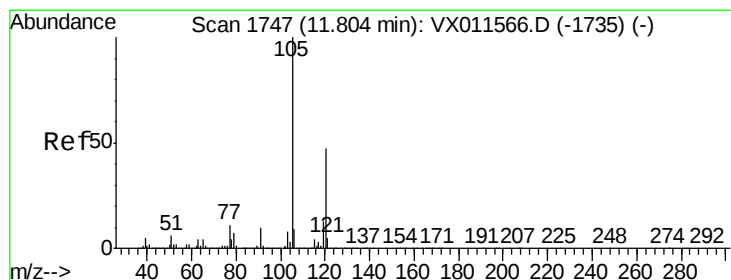
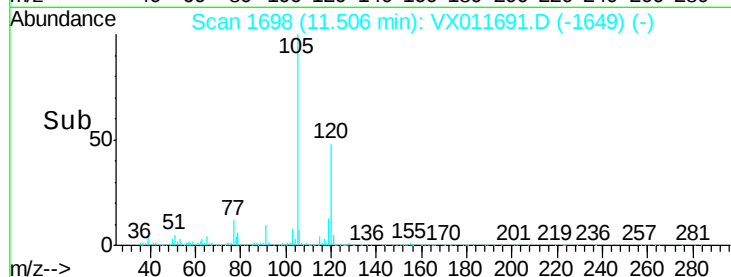
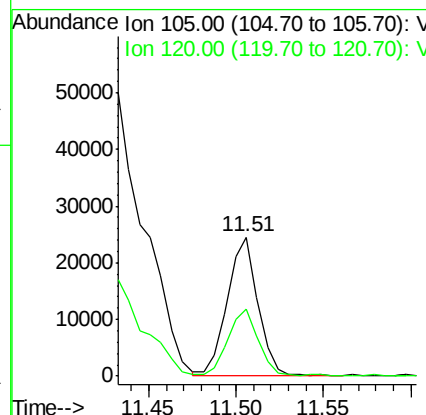
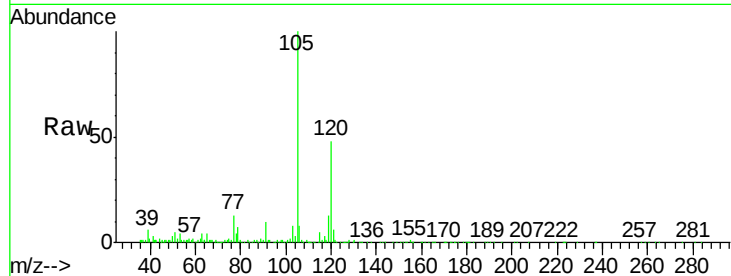




#80
 1,3,5-Trimethylbenzene
 Concen: 2.139 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011691.D
 Acq: 20 Aug 2019 17:46

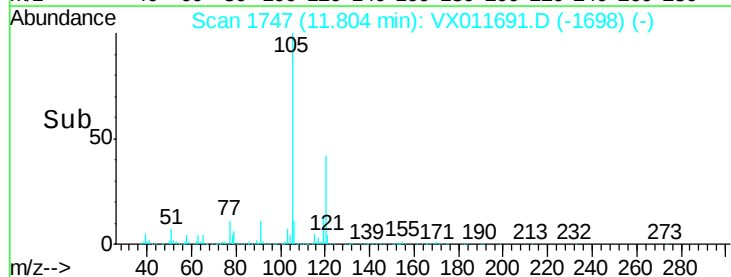
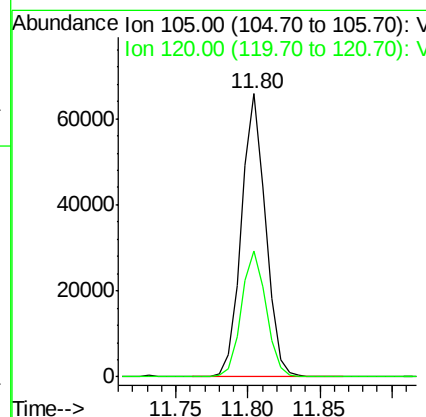
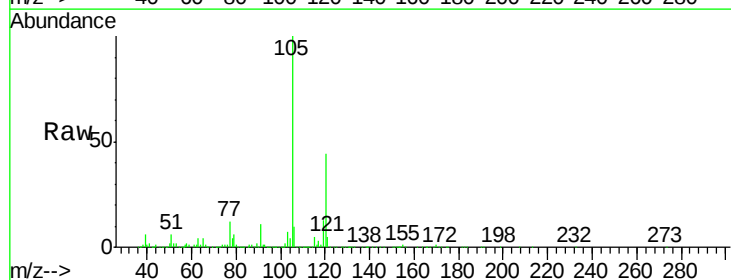
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL2

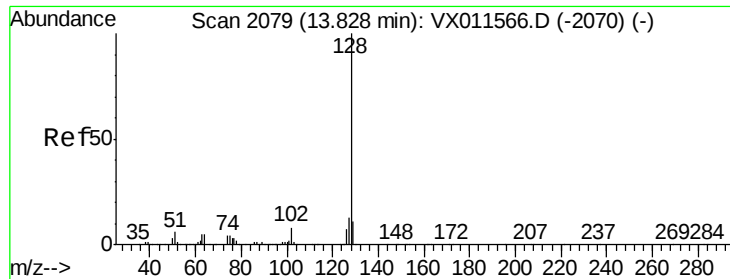
Tot Ion:105 Resp: 29656
 Ion Ratio Lower Upper
 105 100
 120 46.6 25.3 75.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.508 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011691.D
 Acq: 20 Aug 2019 17:46

Tgt Ion:105 Resp: 76662
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9

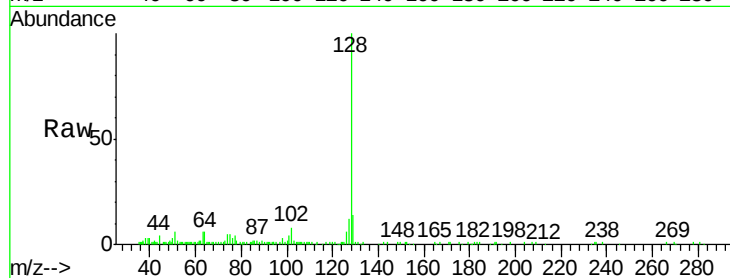




#95
Naphthalene
Concen: 0.890 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011691.D
Acq: 20 Aug 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL2

Tot Ion:128 Resp: 15876
Ion Ratio Lower Upper
128 100
127 15.2 10.3 15.5
129 13.8 8.7 13.1#



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

