

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011642.D
 Acq On : 19 Aug 2019 19:14
 Operator : JC/SP
 Sample : K4351-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

Quant Time: Aug 20 15:52:30 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	452625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	614515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275888	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	207943	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	178693	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	
50) Toluene-d8	8.71	98	682352	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
62) 4-Bromofluorobenzene	11.13	95	247766	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	

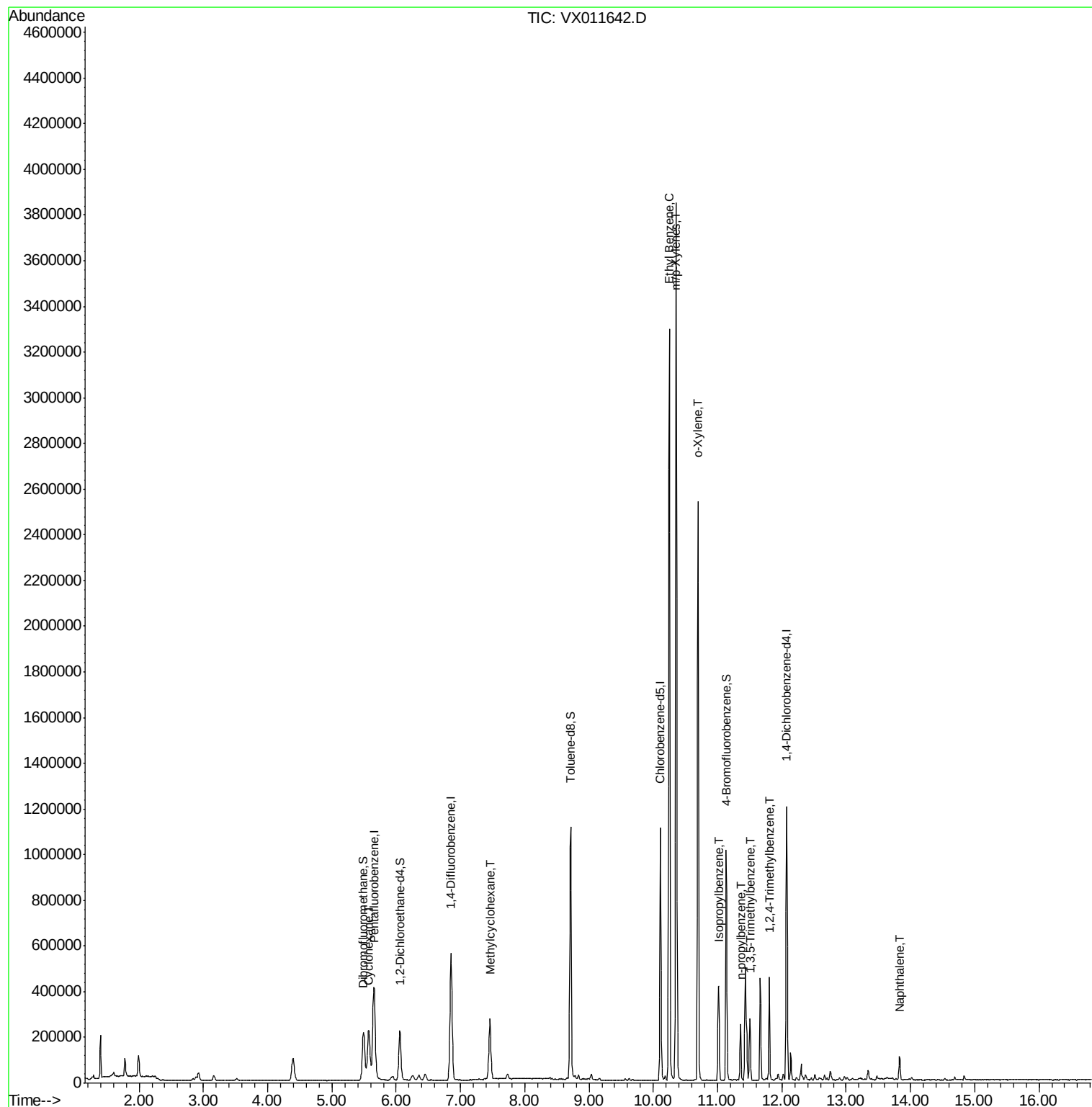
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	156531	25.150	ug/l	97
39) Methylcyclohexane	7.46	83	120589	18.585	ug/l	98
67) Ethyl Benzene	10.25	91	1910006	99.912	ug/l	100
68) m/p-Xylenes	10.35	106	958845	130.667	ug/l	99
69) o-Xylene	10.69	106	572154	79.600	ug/l	99
73) Isopropylbenzene	11.02	105	233739	13.057	ug/l	100
78) n-propylbenzene	11.36	91	156799	8.123	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	122326	8.134	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	191659	12.695	ug/l	100
95) Naphthalene	13.83	128	67570	3.491	ug/l	98

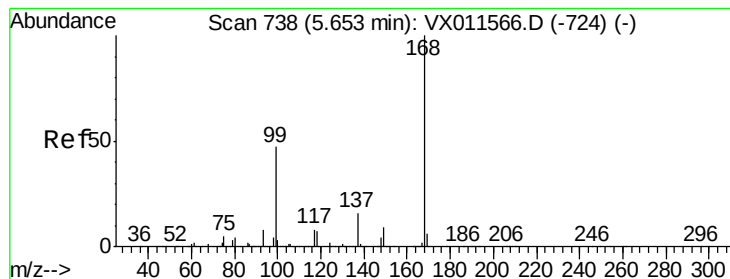
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081919\
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Quant Time: Aug 20 15:52:30 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: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

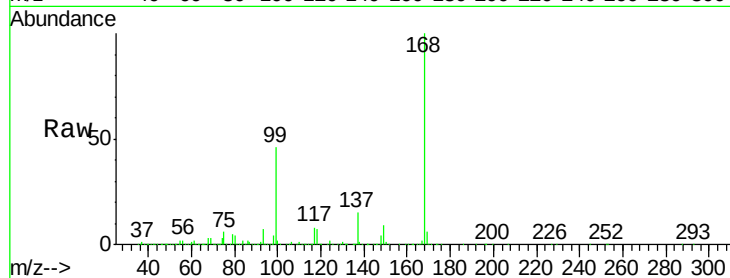
PH2-0138DL

Tot Ion:168 Resp: 452625

Ion Ratio Lower Upper

168 100

99 46.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

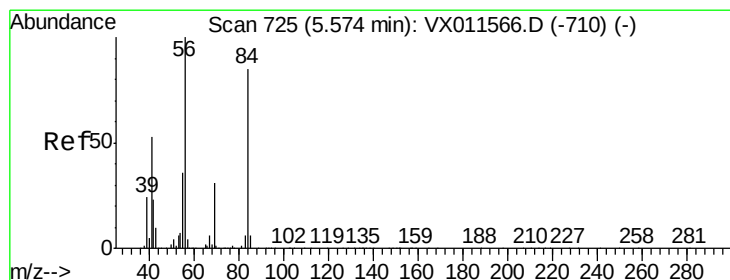
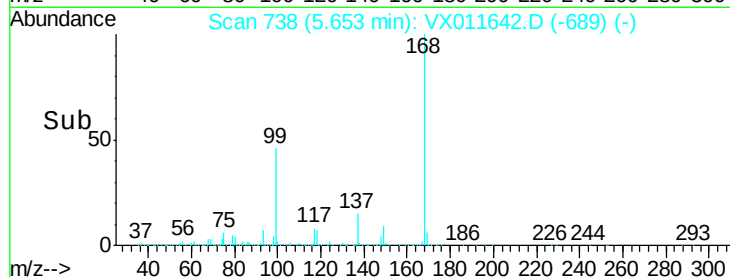
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 25.150 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

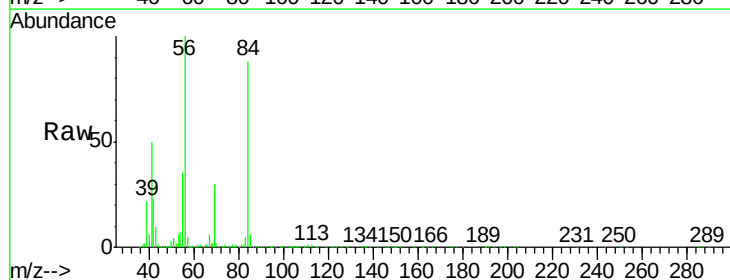
Tgt Ion: 56 Resp: 156531

Ion Ratio Lower Upper

56 100

69 29.8 24.8 37.2

84 88.2 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

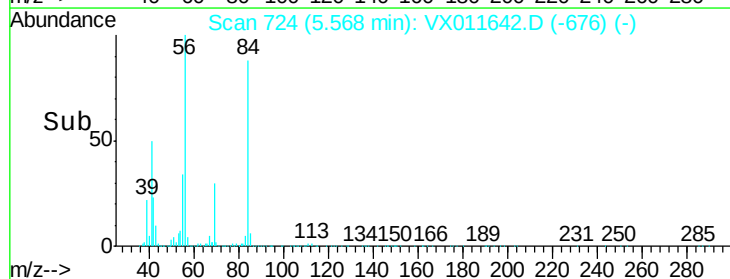
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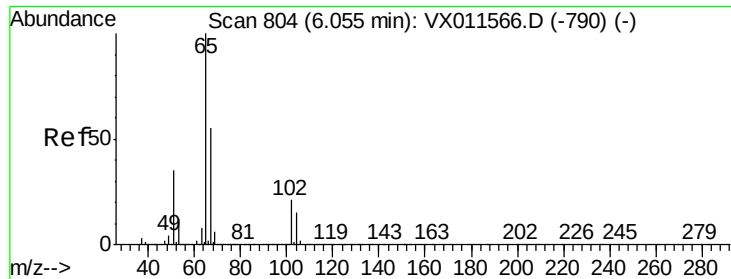
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20000

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Time-->

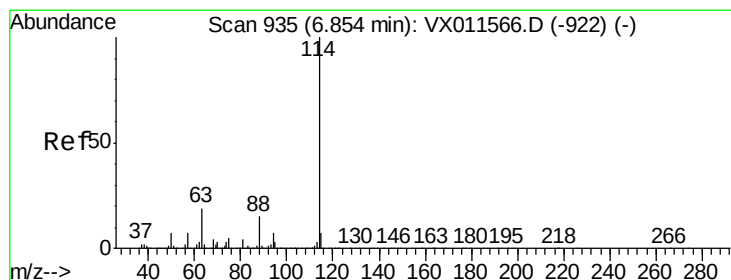
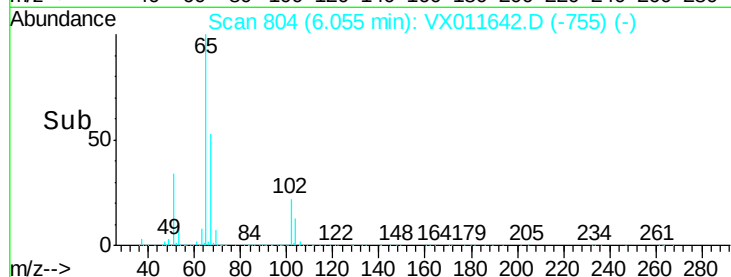
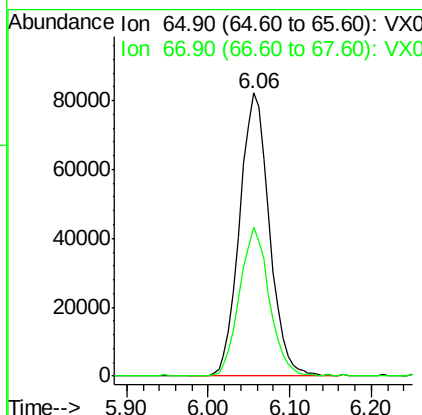
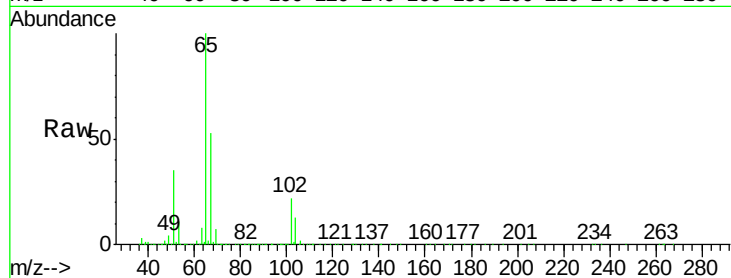




#33
 1,2-Dichloroethane-d4
 Concen: 49.540 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

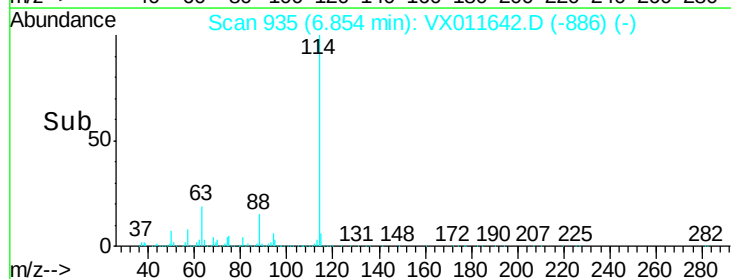
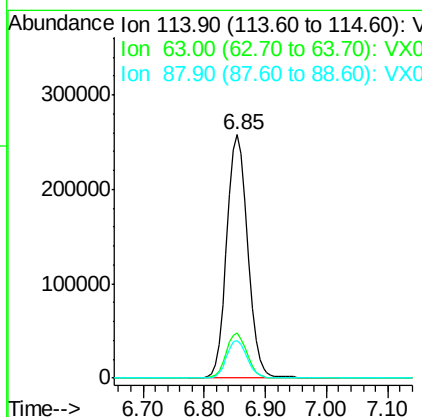
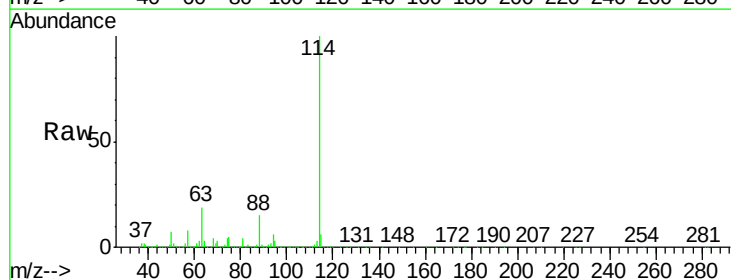
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

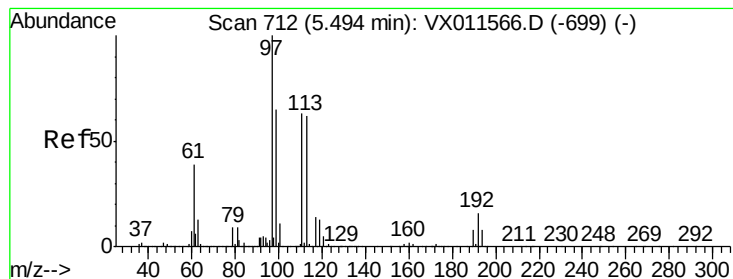
Tot Ion: 65 Resp: 207943
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Tgt Ion: 114 Resp: 614515
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.459 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PH2-0138DL

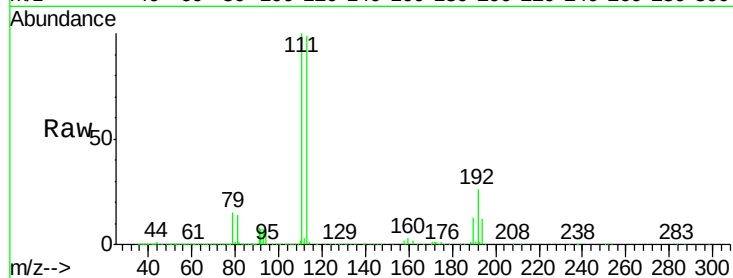
Tot Ion:113 Resp: 178693

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

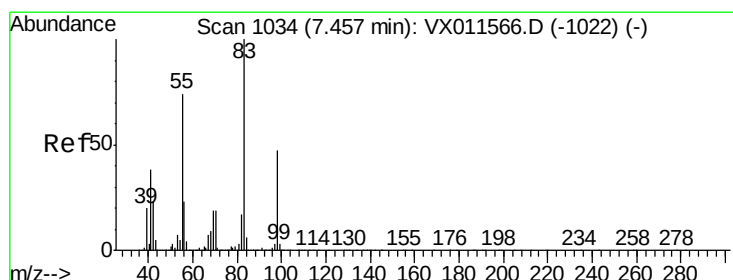
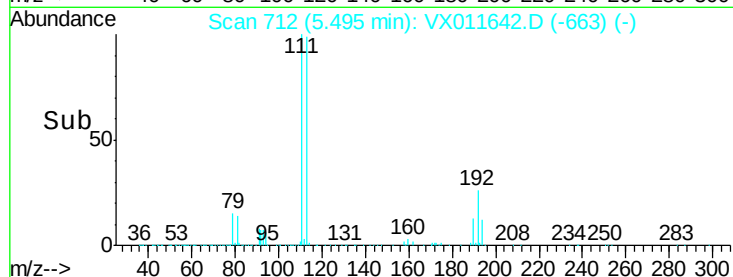
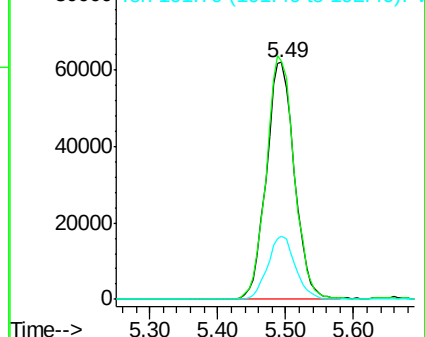
192 26.2 20.8 31.2



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: 18.585 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

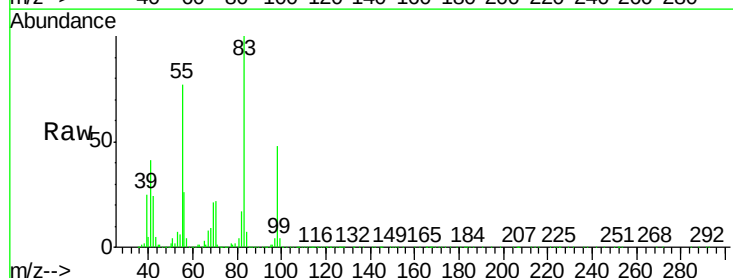
Tgt Ion: 83 Resp: 120589

Ion Ratio Lower Upper

83 100

55 76.5 58.8 88.2

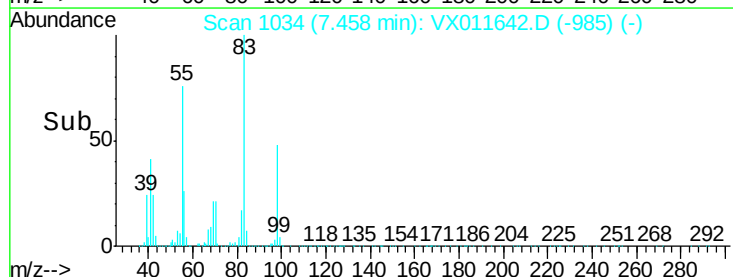
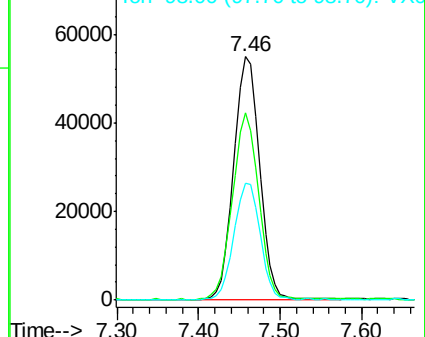
98 47.7 37.8 56.6

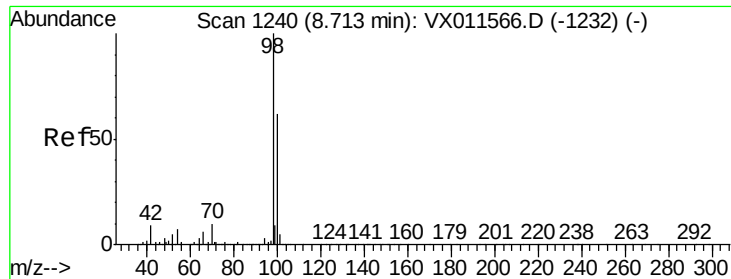


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

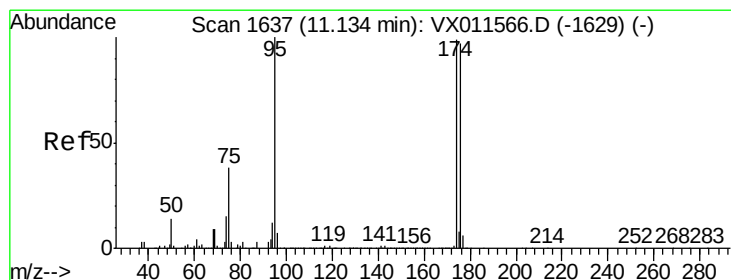
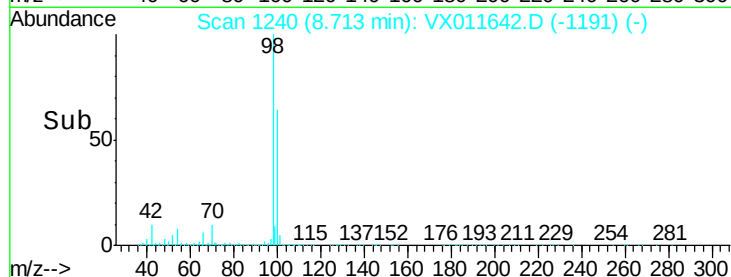
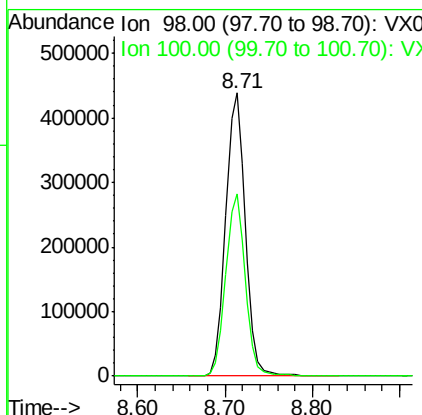
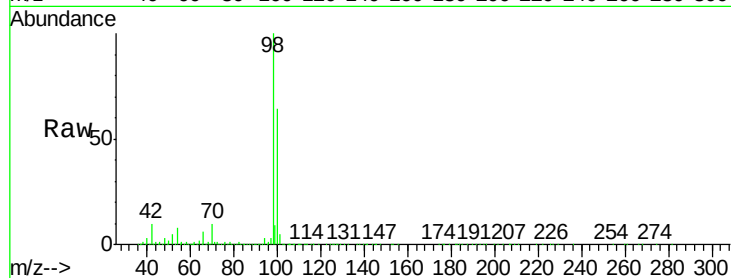




#50
Toluene-d8
Concen: 54.485 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

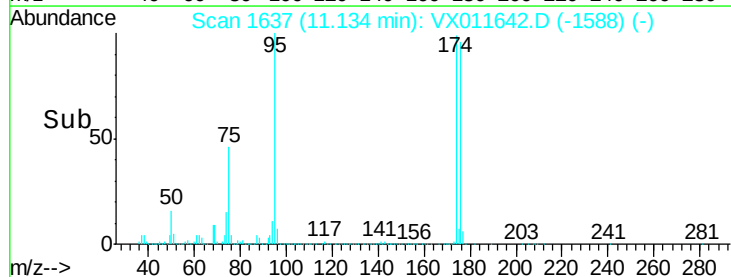
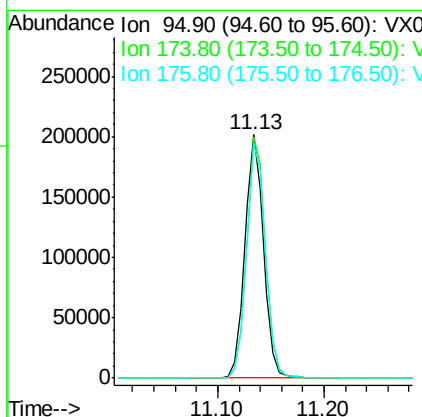
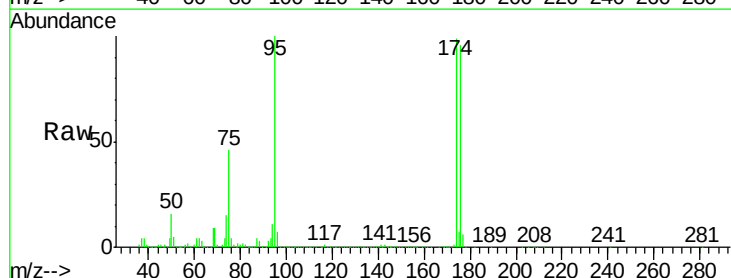
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

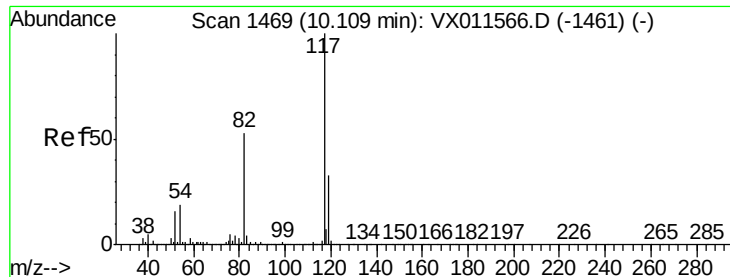
Tot Ion: 98 Resp: 682352
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.872 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 95 Resp: 247766
Ion Ratio Lower Upper
95 100
174 99.5 0.0 200.6
176 98.0 0.0 196.6

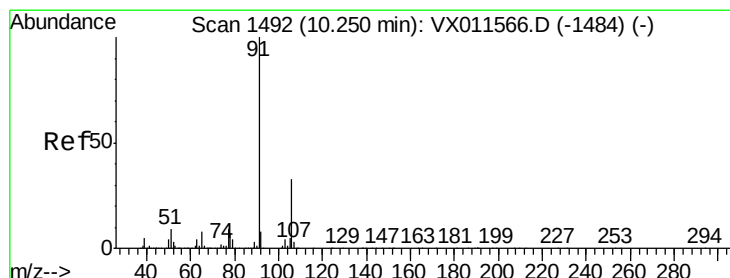
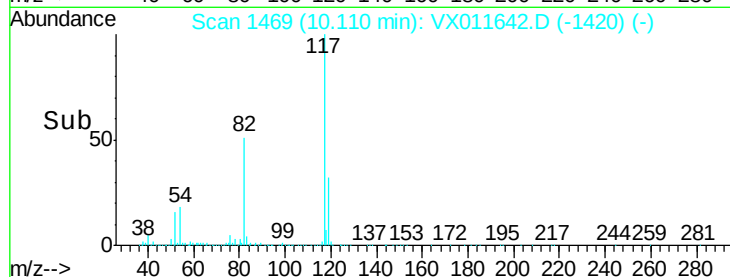
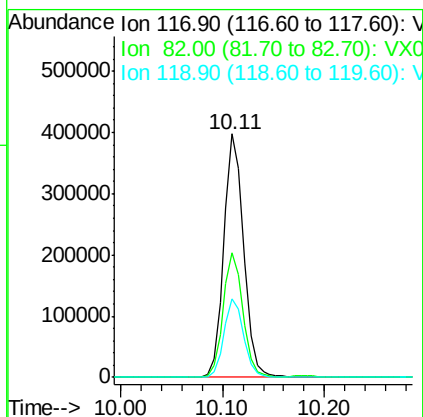
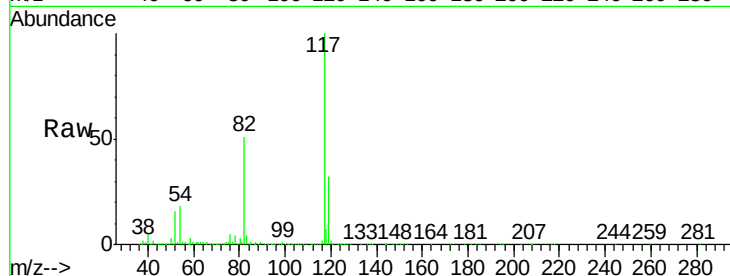




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

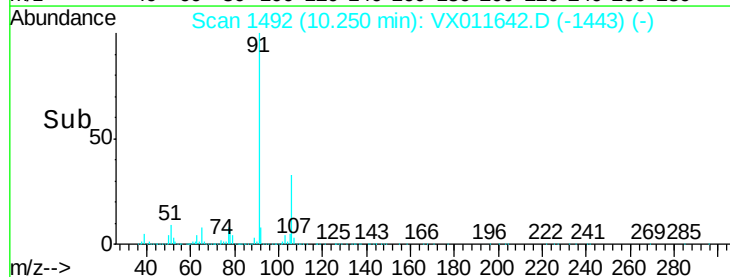
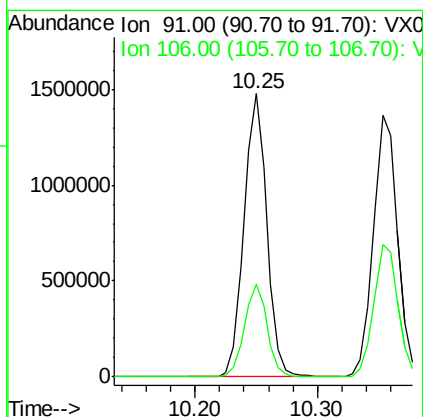
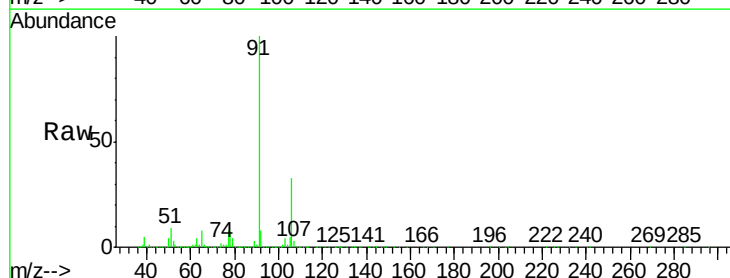
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ClientSampled :
PH2-0138DL

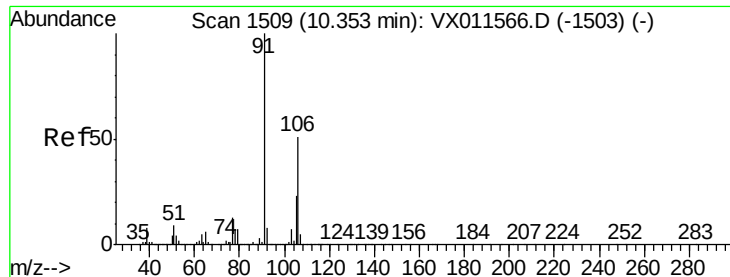
Tot Ion:117 Resp: 537050
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.0 26.5 39.7



#67
Ethyl Benzene
Concen: 99.912 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 91 Resp: 1910006
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0

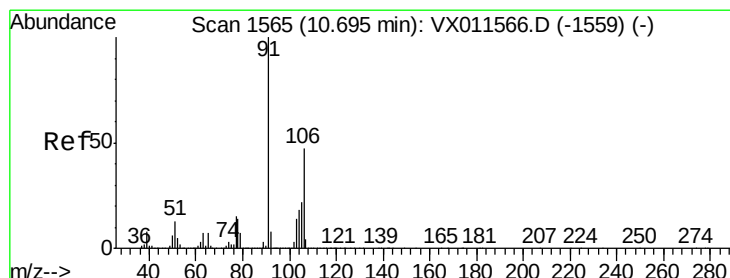
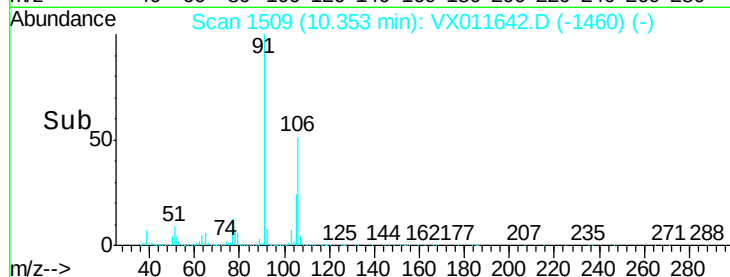
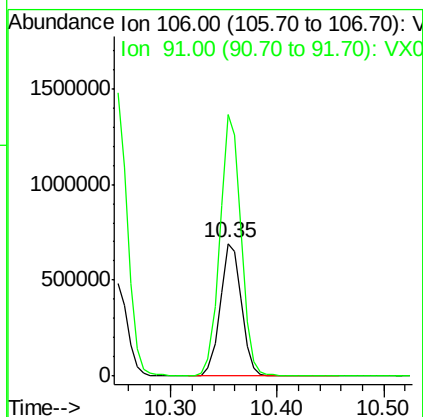
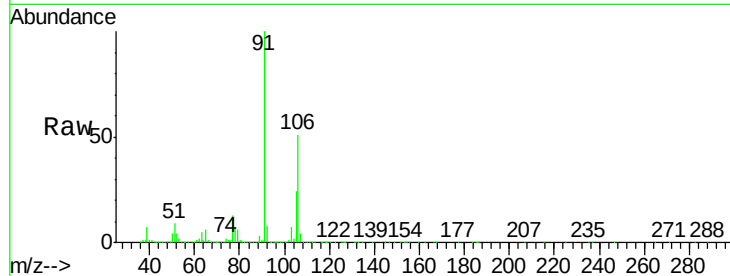




#68
m/p-Xylenes
Concen: 130.667 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

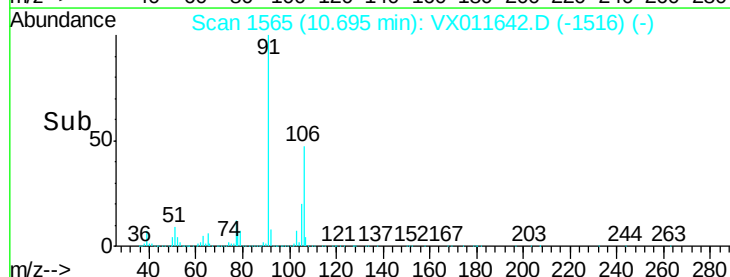
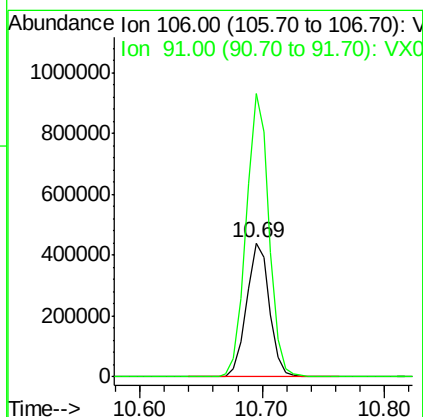
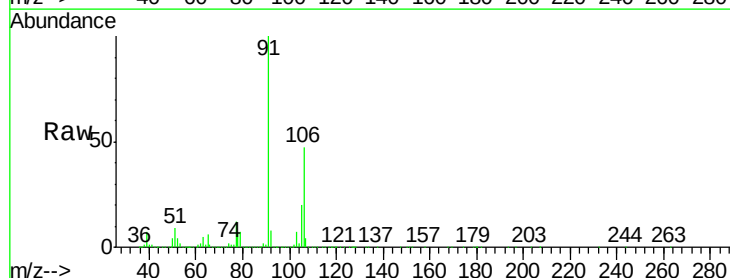
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ClientSampled :
PH2-0138DL

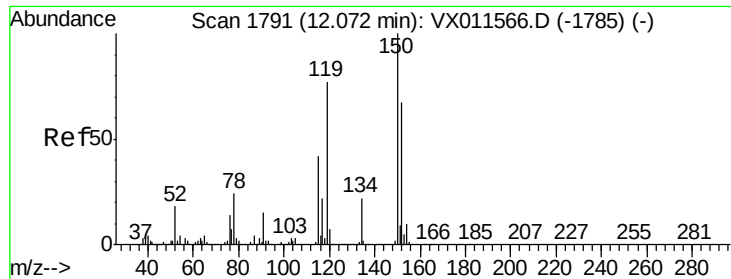
Tot Ion:106 Resp: 958845
Ion Ratio Lower Upper
106 100
91 196.6 156.0 234.0



#69
o-Xylene
Concen: 79.600 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion:106 Resp: 572154
Ion Ratio Lower Upper
106 100
91 209.4 105.5 316.4



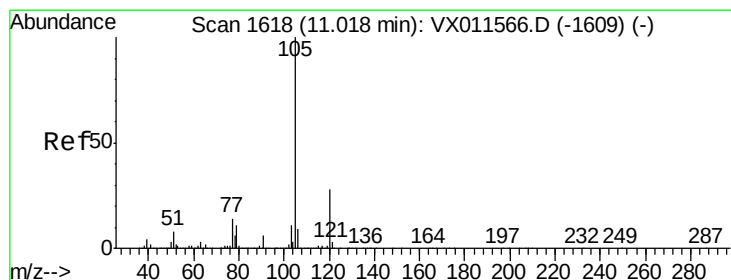
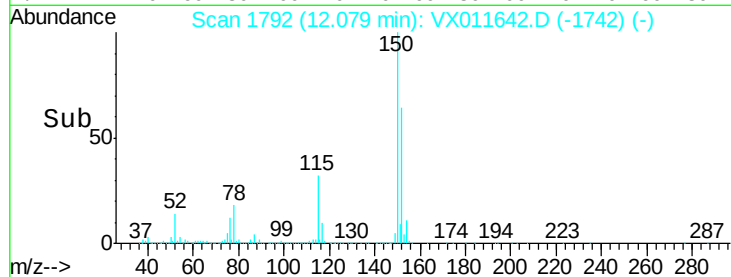
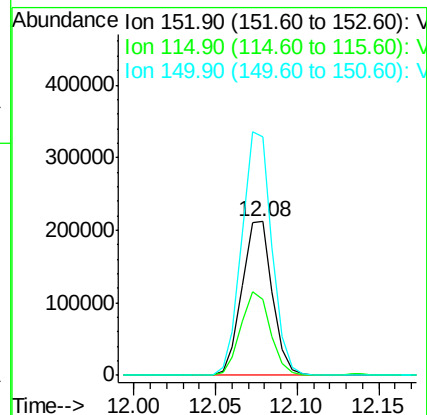
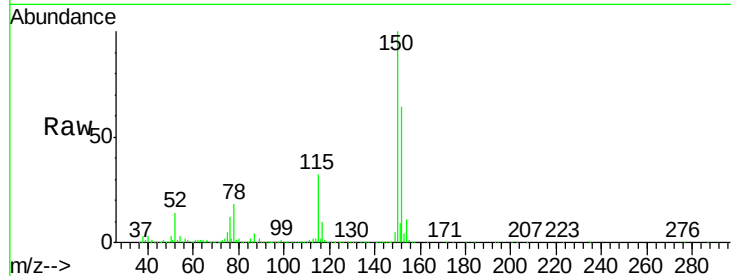


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

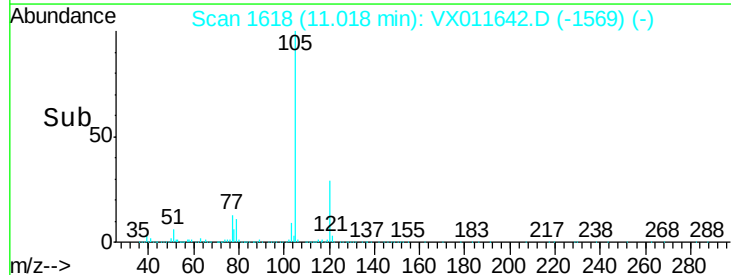
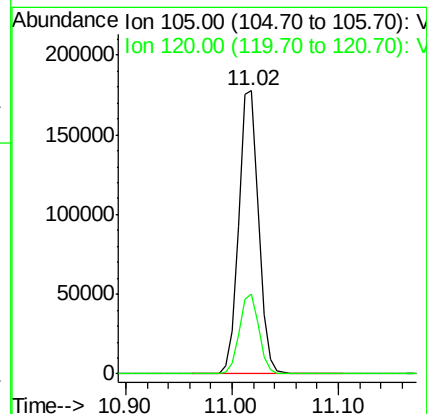
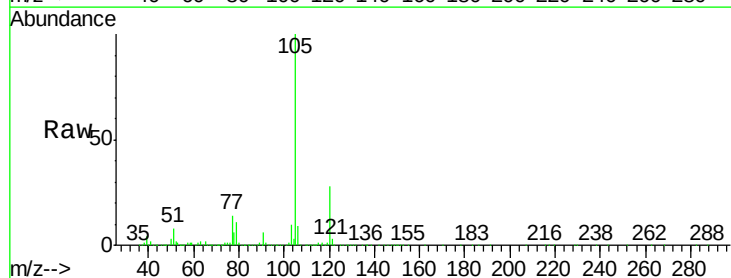
Tot Ion:152 Resp: 275888
Ion Ratio Lower Upper
152 100
115 53.0 37.3 111.9
150 156.3 0.0 346.2

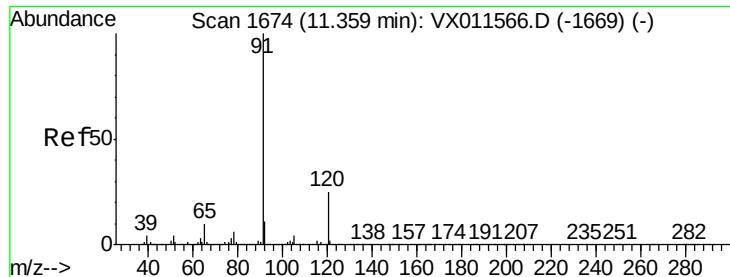


#73

Isopropylbenzene
Concen: 13.057 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion:105 Resp: 233739
Ion Ratio Lower Upper
105 100
120 27.7 14.0 41.9





#78

n-propylbenzene

Concen: 8.123 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

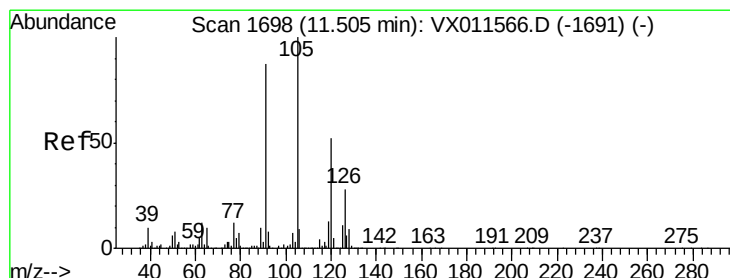
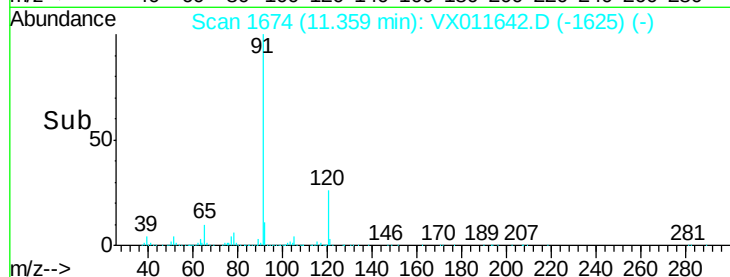
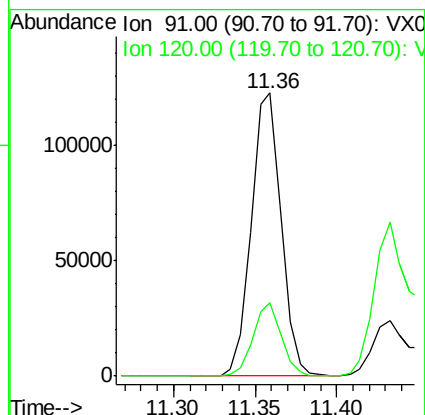
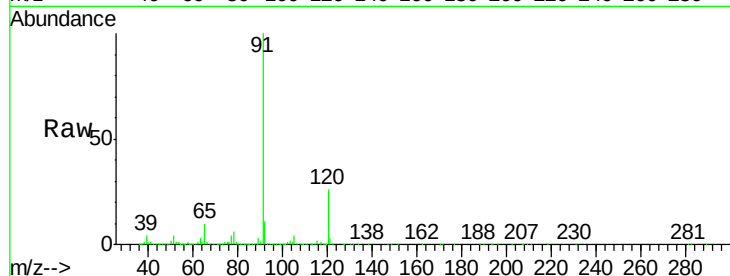
PH2-0138DL

Tot Ion: 91 Resp: 156799

Ion Ratio Lower Upper

91 100

120 24.7 12.6 37.6



#80

1,3,5-Trimethylbenzene

Concen: 8.134 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011642.D

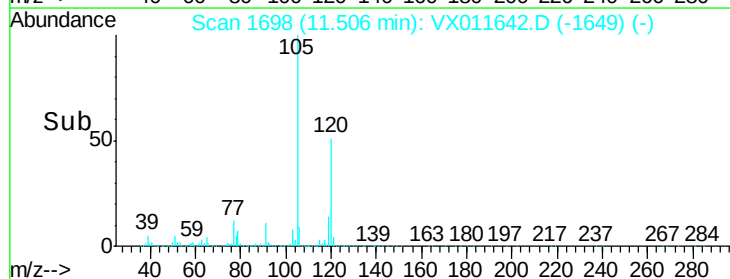
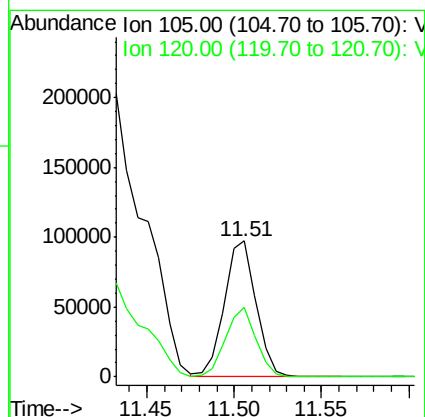
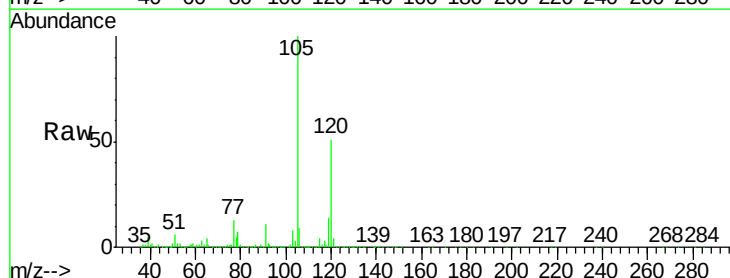
Acq: 19 Aug 2019 19:14

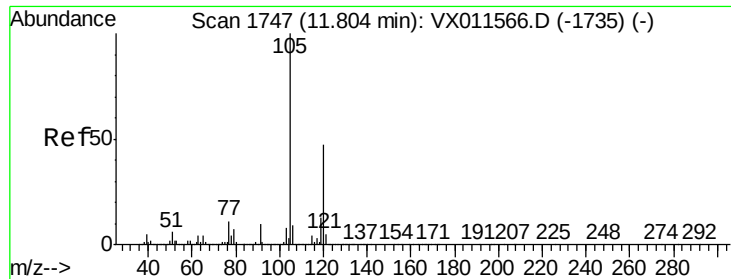
Tgt Ion:105 Resp: 122326

Ion Ratio Lower Upper

105 100

120 49.1 25.3 75.8

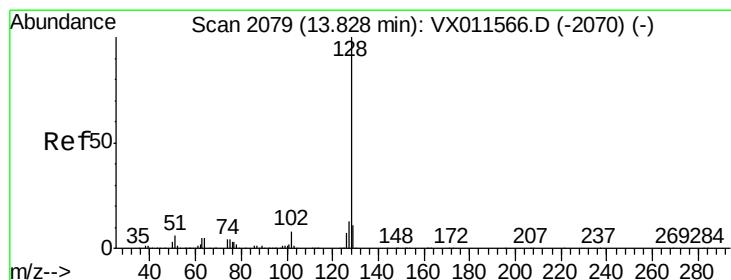
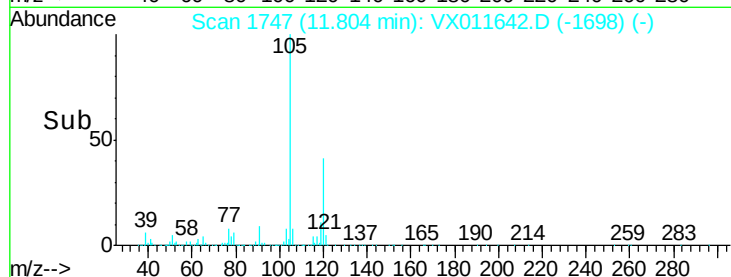
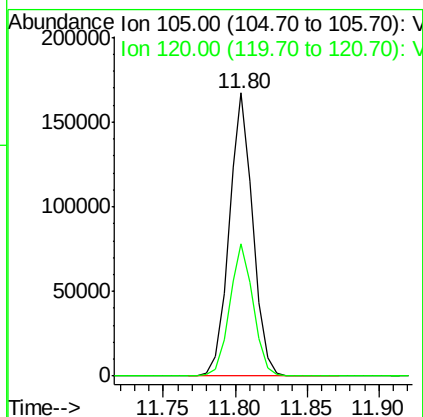
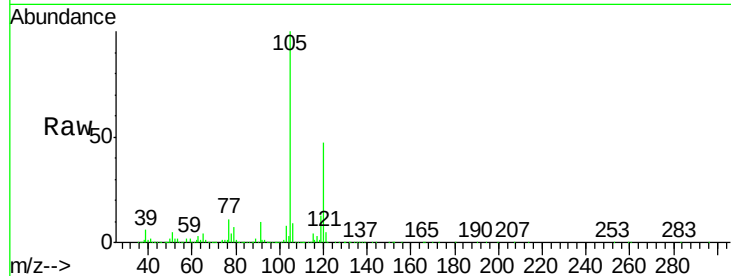




#84
 1,2,4-Trimethylbenzene
 Concen: 12.695 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

Tot Ion:105 Resp: 191659
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9



#95
 Naphthalene
 Concen: 3.491 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Tgt Ion:128 Resp: 67570
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.3 15.5
 129 11.4 8.7 13.1

