

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012657.D
 Acq On : 25 Sep 2019 13:32
 Operator : JC/SP
 Sample : K5019-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Quant Time: Sep 25 23:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	117688	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.49	113	81217	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	331755	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	129916	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

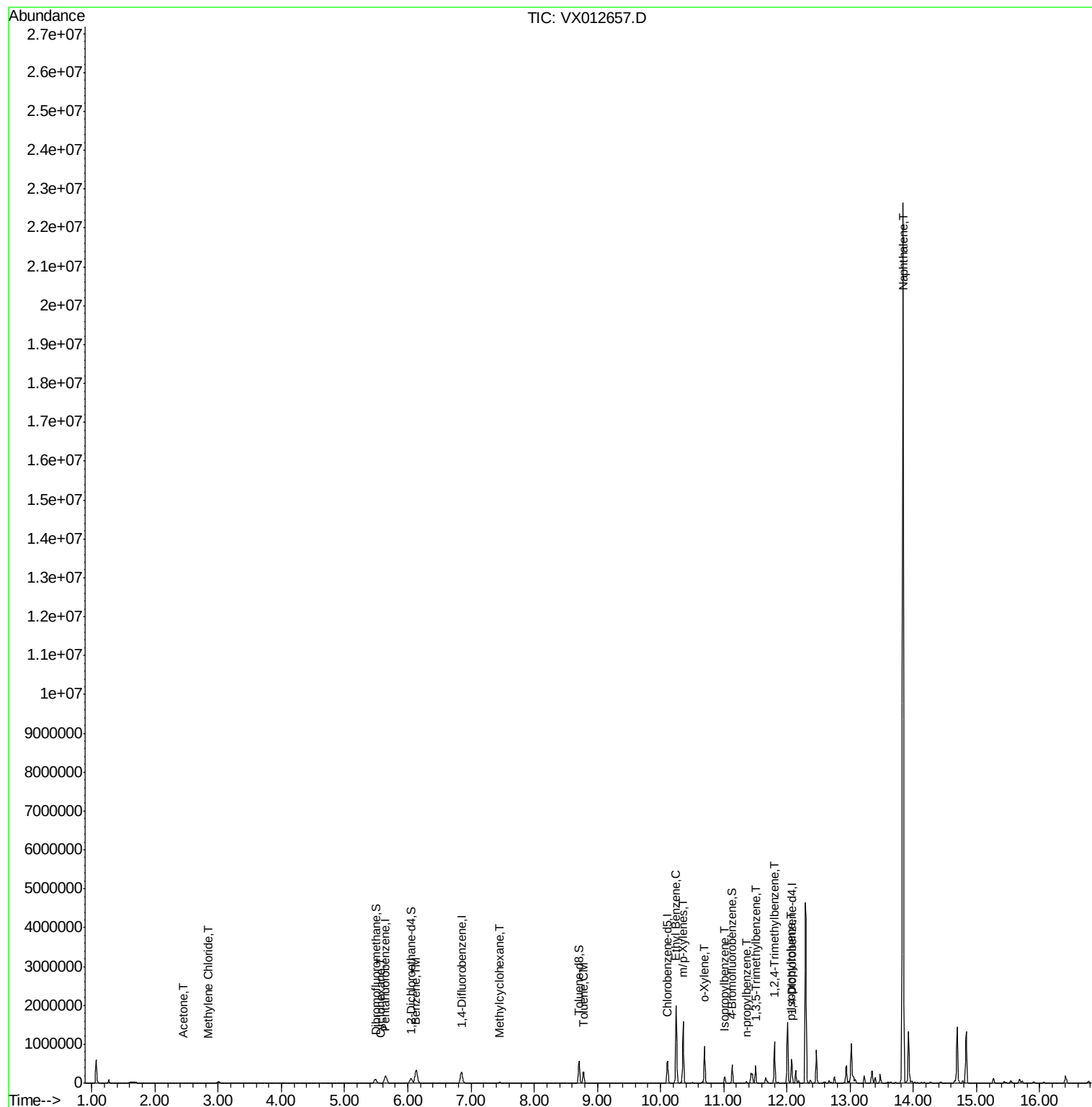
					Qvalue
16) Acetone	2.44	43	6347	5.149	ug/l 98
20) Methylene Chloride	2.84	84	1309	0.628	ug/l # 73
31) Cyclohexane	5.56	56	6454	1.992	ug/l 94
39) Methylcyclohexane	7.45	83	7068	2.182	ug/l # 87
40) Benzene	6.13	78	401933	50.764	ug/l 98
52) Toluene	8.78	92	110602	22.226	ug/l 98
67) Ethyl Benzene	10.25	91	1154219	123.827	ug/l 98
68) m/p-Xylenes	10.35	106	337274	96.592	ug/l 100
69) o-Xylene	10.70	106	193043	57.136	ug/l 98
73) Isopropylbenzene	11.01	105	90361	9.922	ug/l 99
78) n-propylbenzene	11.35	91	31112	3.035	ug/l 99
80) 1,3,5-Trimethylbenzene	11.50	105	185334	24.268	ug/l 99
84) 1,2,4-Trimethylbenzene	11.81	105	478137	62.064	ug/l 99
86) p-Isopropyltoluene	12.06	119	8403	1.087	ug/l # 72
95) Naphthalene	13.84	128	13191071	1609.900	ug/l # 93

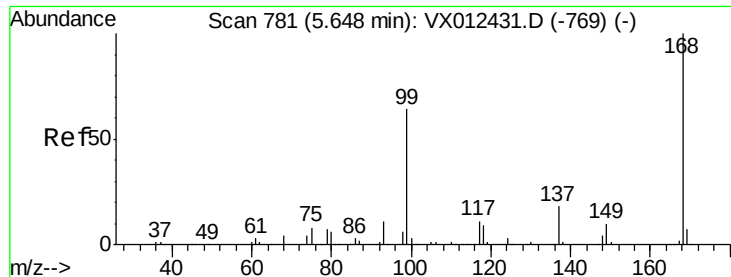
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012657.D
Acq On : 25 Sep 2019 13:32
Operator : JC/SP
Sample : K5019-02 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Quant Time: Sep 25 23:43:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

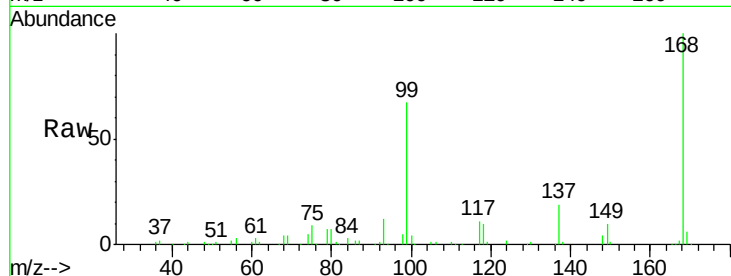
QNWP8-MW30D-GW

Tot Ion:168 Resp: 159817

Ion Ratio Lower Upper

168 100

99 66.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

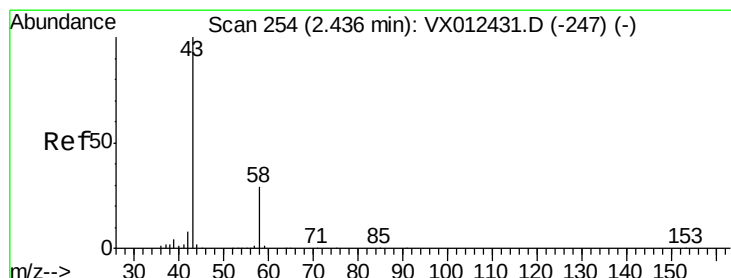
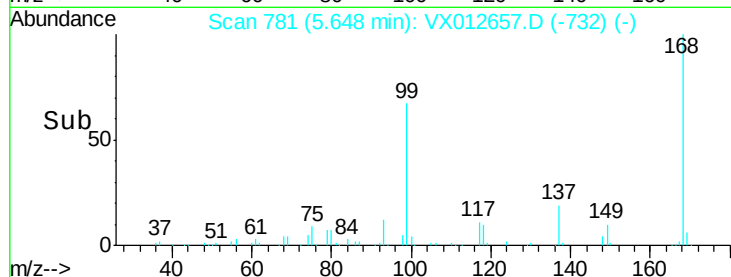
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 5.149 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012657.D

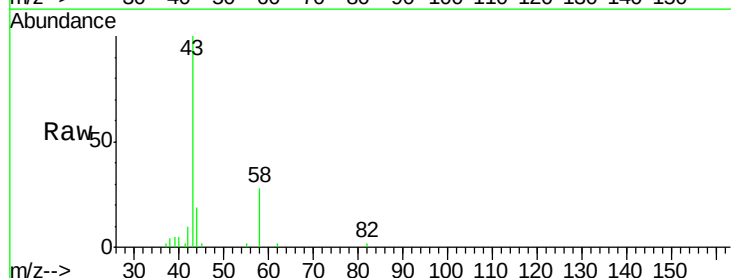
Acq: 25 Sep 2019 13:32

Tgt Ion: 43 Resp: 6347

Ion Ratio Lower Upper

43 100

58 28.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

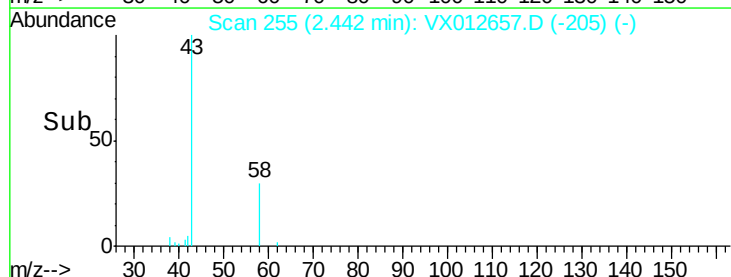
3000

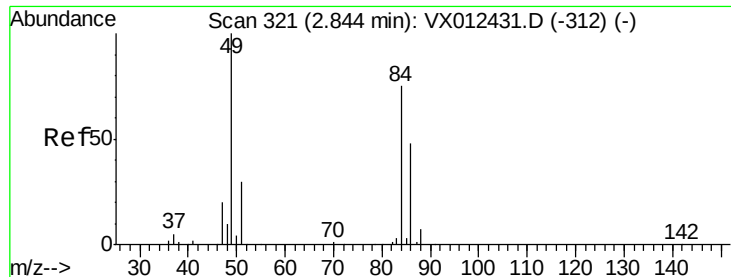
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

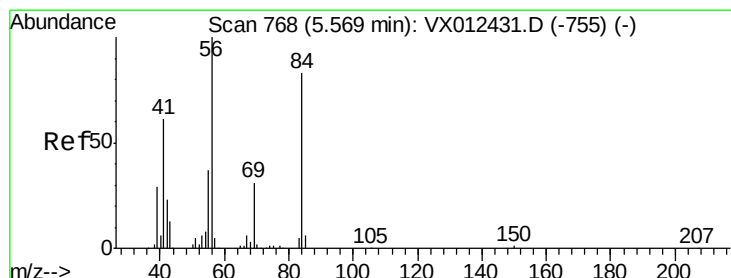
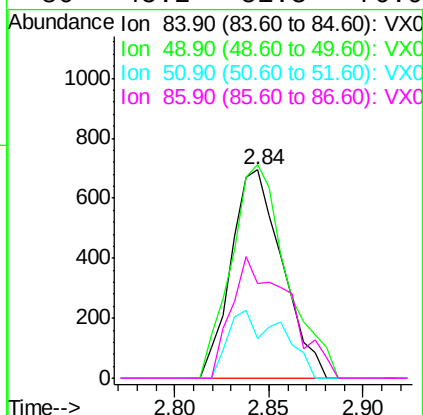
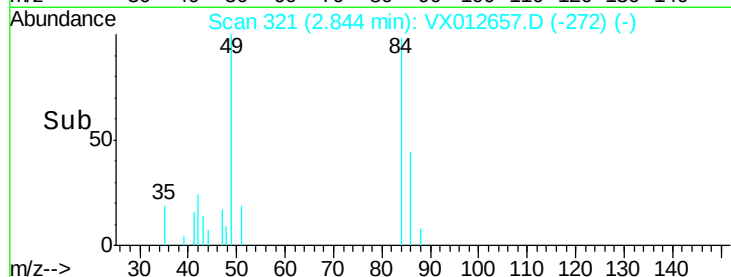
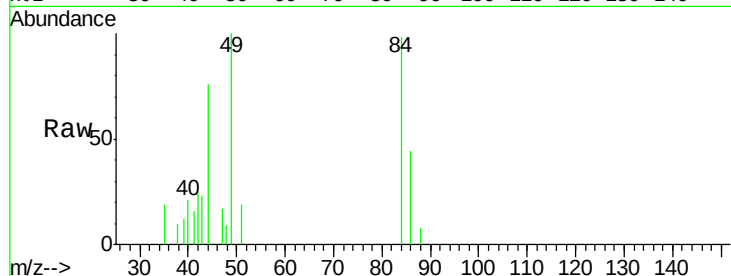




#20
Methylene Chloride
Concen: 0.628 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012657.D
Acq: 25 Sep 2019 13:32

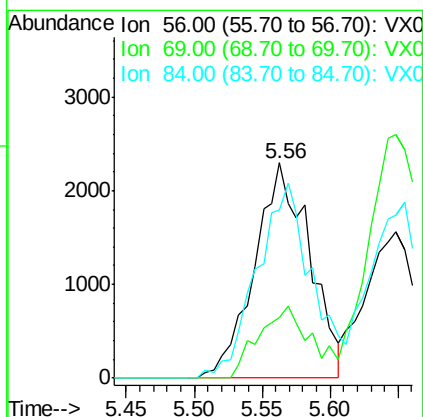
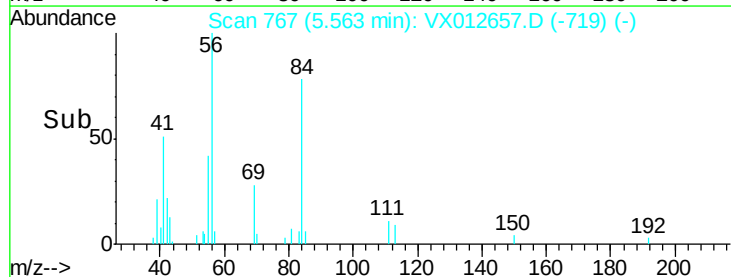
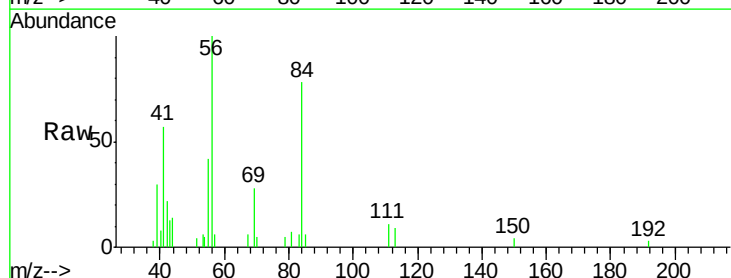
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

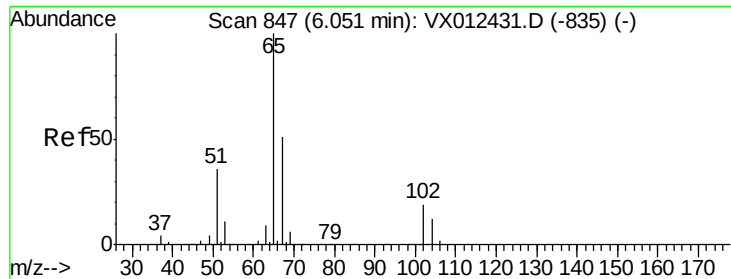
Tot Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 102.4 106.8 160.2#
51 19.3 32.3 48.5#
86 45.2 51.3 76.9#



#31
Cyclohexane
Concen: 1.992 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012657.D
Acq: 25 Sep 2019 13:32

Tgt Ion: 56 Resp: 6454
Ion Ratio Lower Upper
56 100
69 28.0 25.0 37.6
84 78.0 66.4 99.6

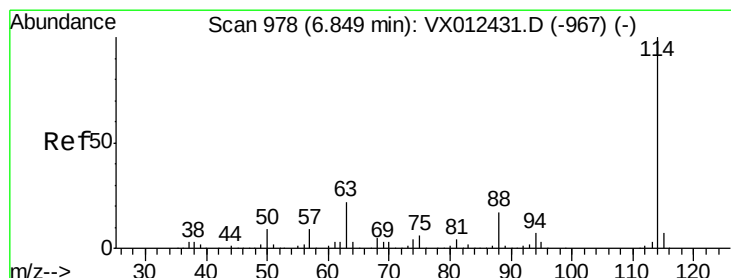
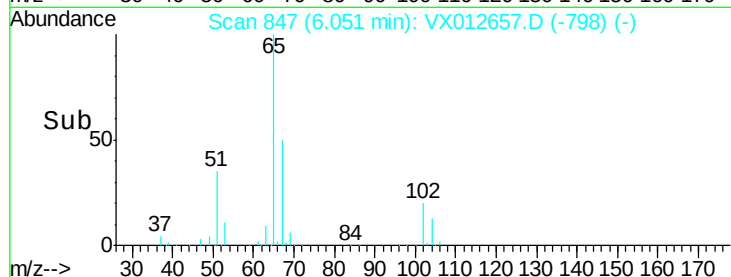
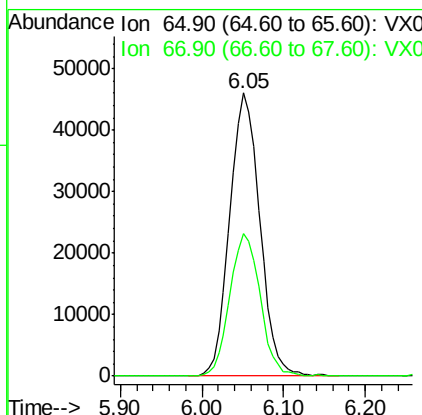
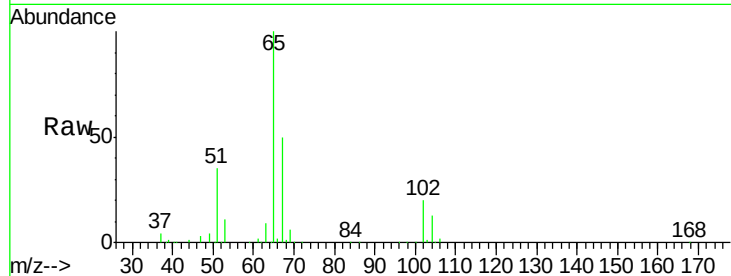




#33
 1,2-Dichloroethane-d4
 Concen: 50.570 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

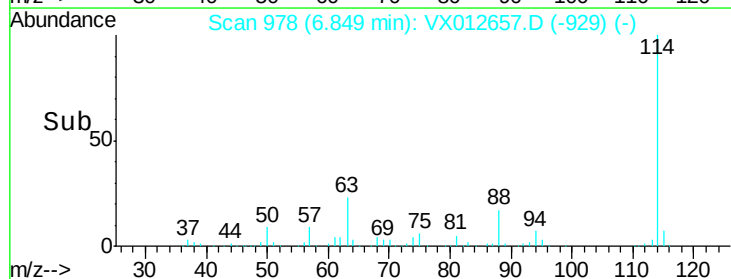
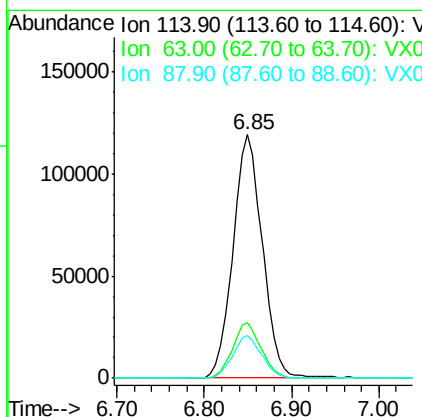
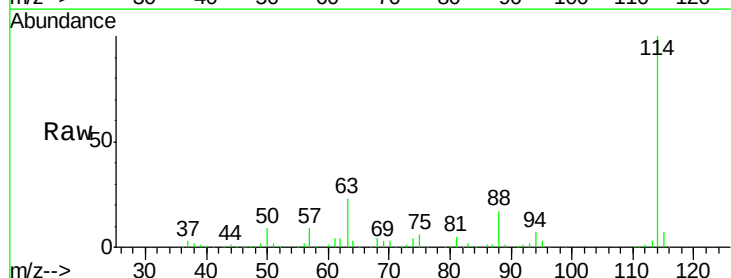
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

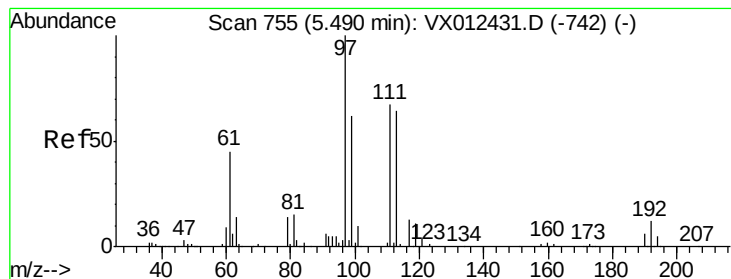
Tot Ion: 65 Resp: 117688
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

Tgt Ion: 114 Resp: 279178
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

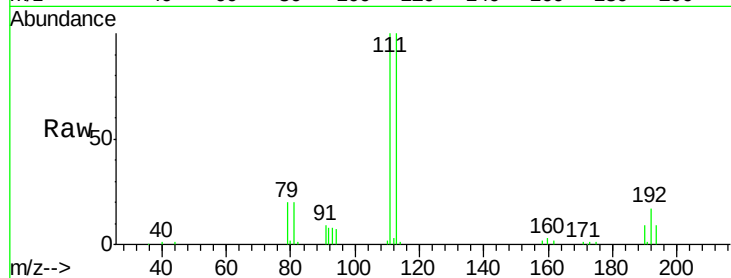
Tot Ion:113 Resp: 81217

Ion Ratio Lower Upper

113 100

111 104.7 83.4 125.2

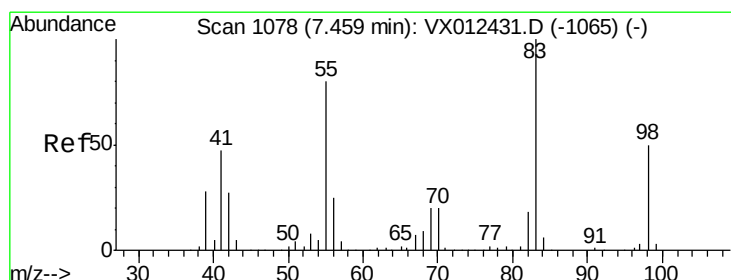
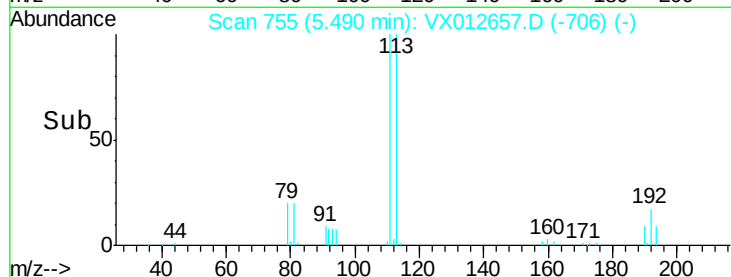
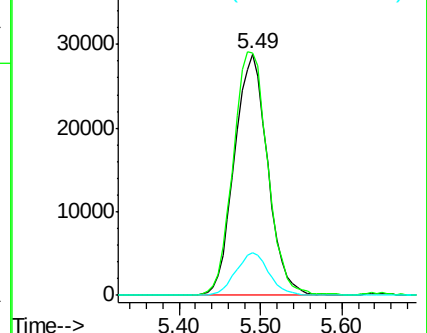
192 17.6 14.4 21.6



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: 2.182 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

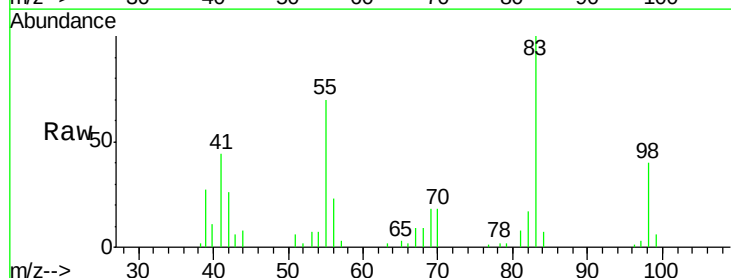
Tgt Ion: 83 Resp: 7068

Ion Ratio Lower Upper

83 100

55 70.2 64.4 96.6

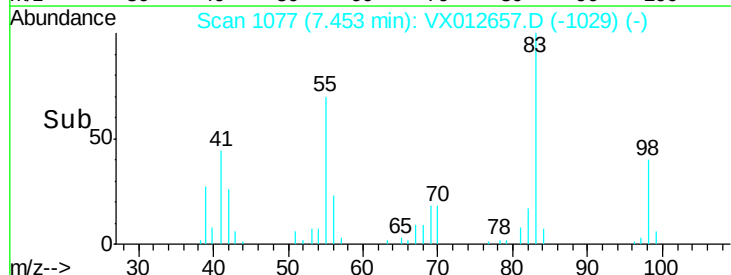
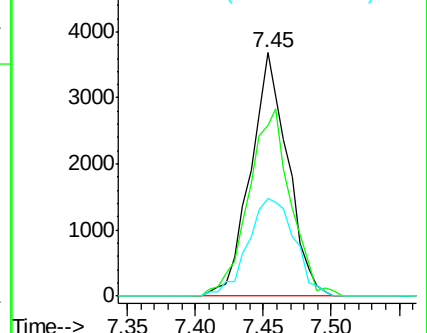
98 39.9 40.1 60.1#

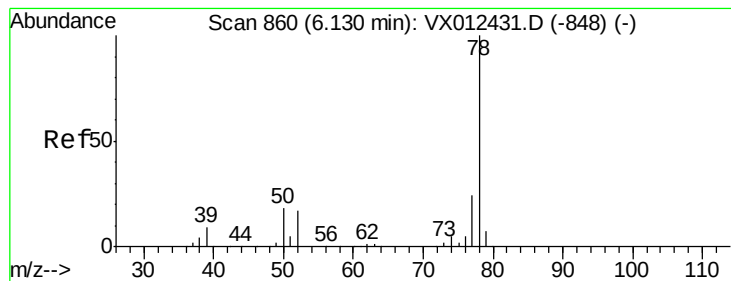


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 50.764 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

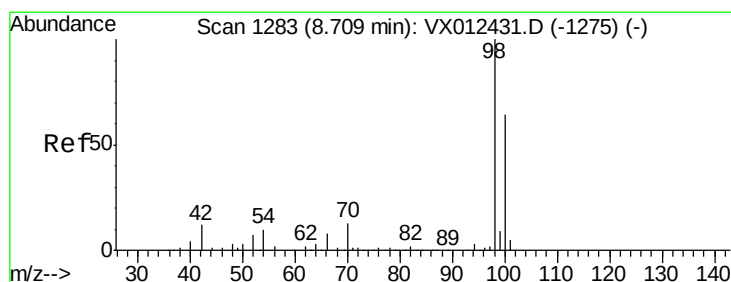
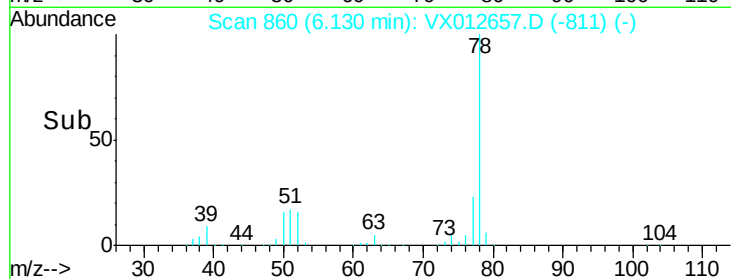
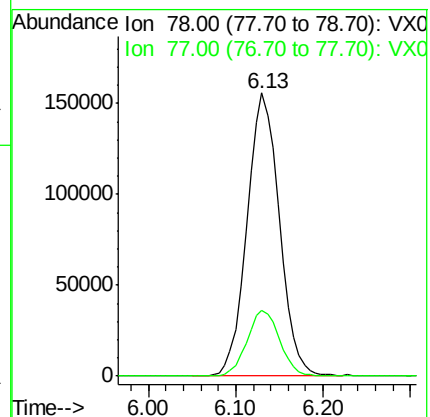
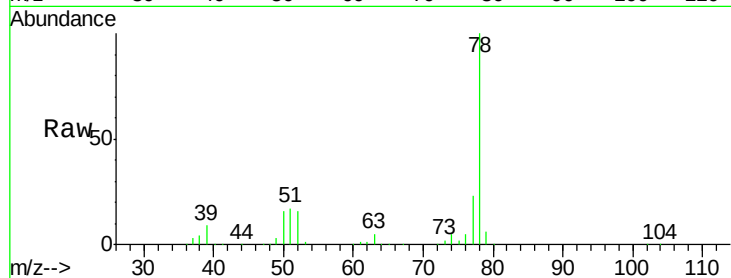
QNWP8-MW30D-GW

Tot Ion: 78 Resp: 401933

Ion Ratio Lower Upper

78 100

77 23.2 19.2 28.8



#50

Toluene-d8

Concen: 51.813 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012657.D

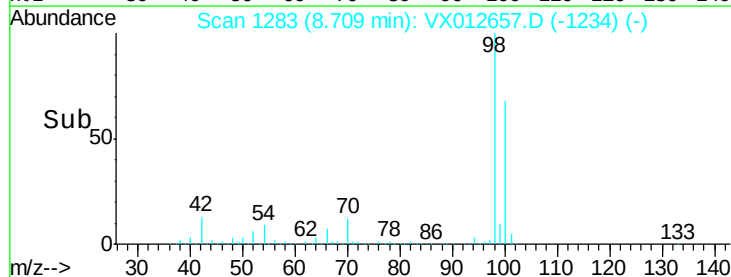
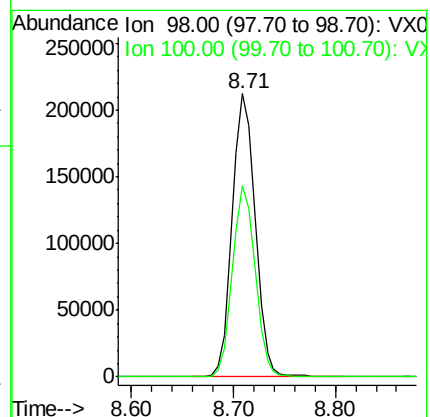
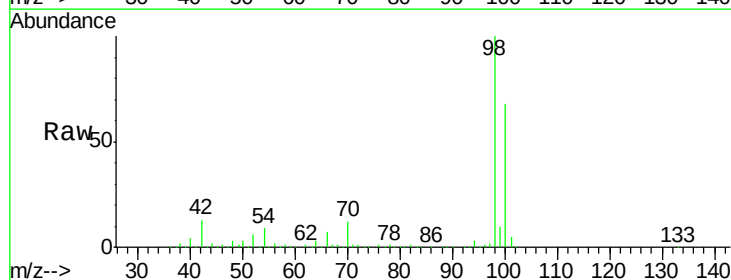
Acq: 25 Sep 2019 13:32

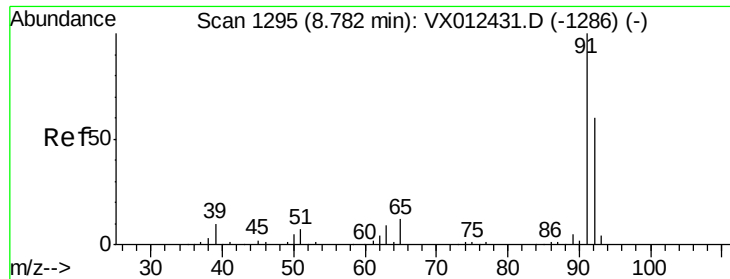
Tgt Ion: 98 Resp: 331755

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2





#52

Toluene

Concen: 22.226 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

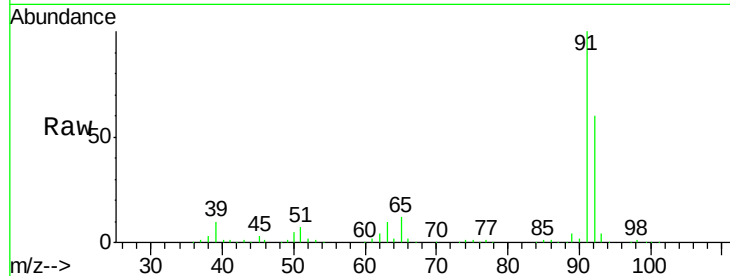
QNWP8-MW30D-GW

Tot Ion: 92 Resp: 110602

Ion Ratio Lower Upper

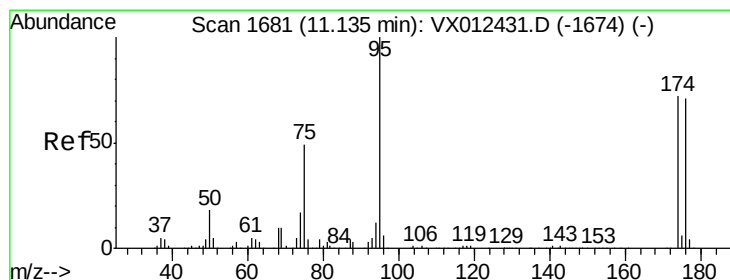
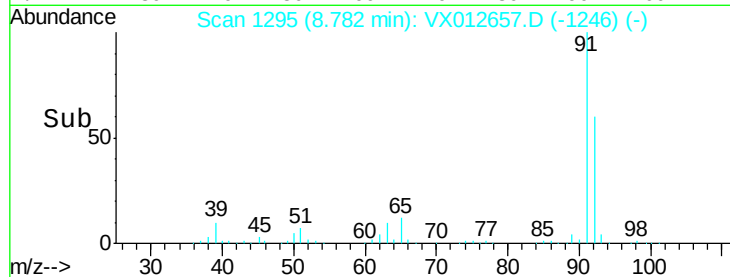
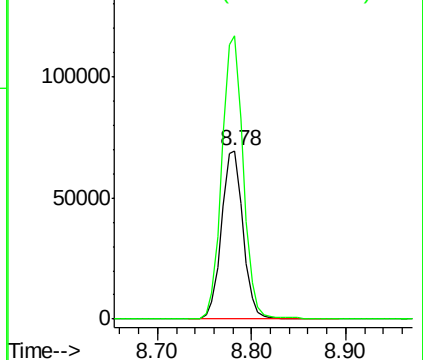
92 100

91 166.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 51.602 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

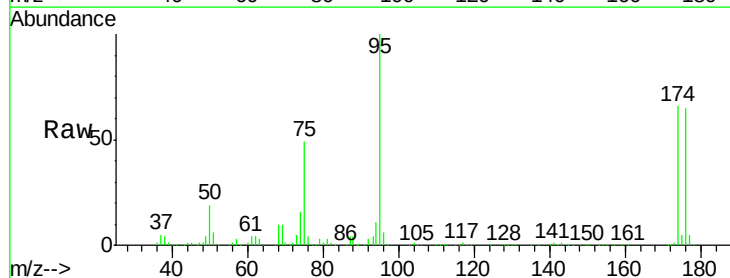
Tgt Ion: 95 Resp: 129916

Ion Ratio Lower Upper

95 100

174 66.7 0.0 140.0

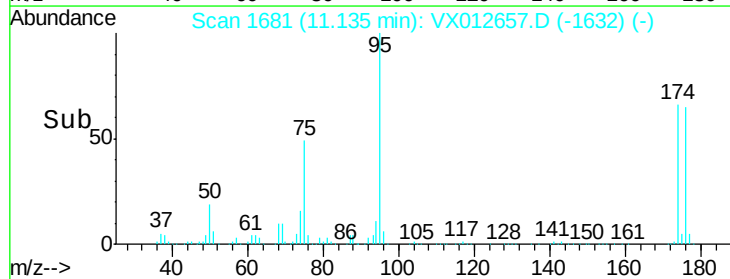
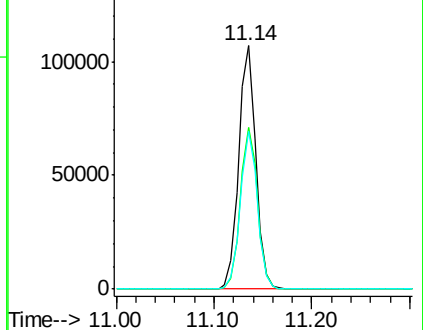
176 64.3 0.0 135.4

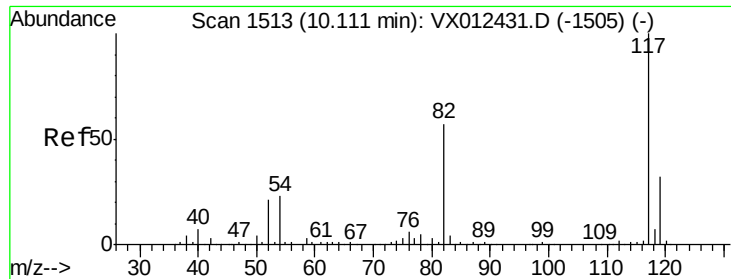


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

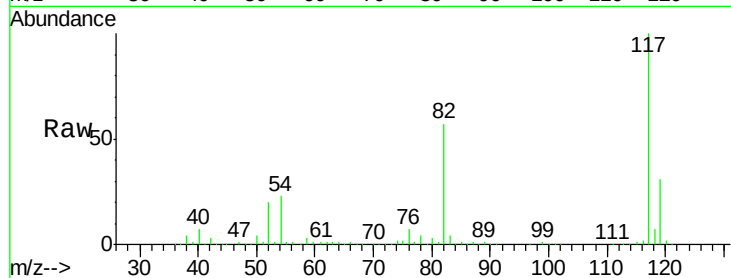




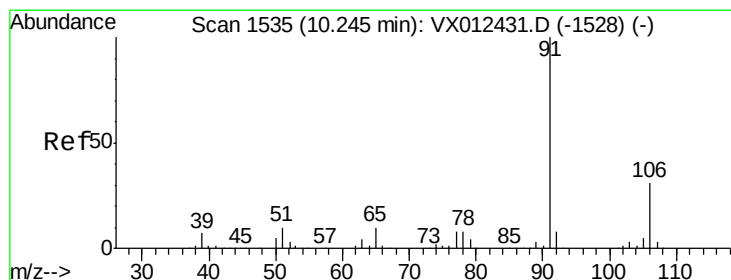
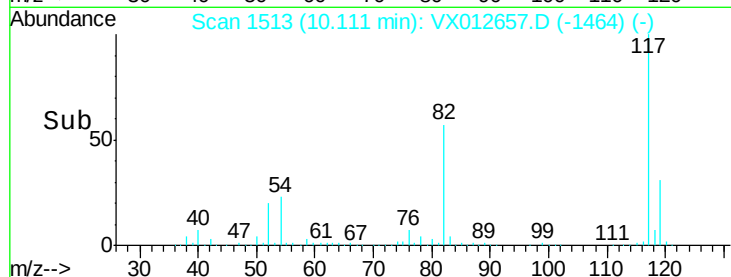
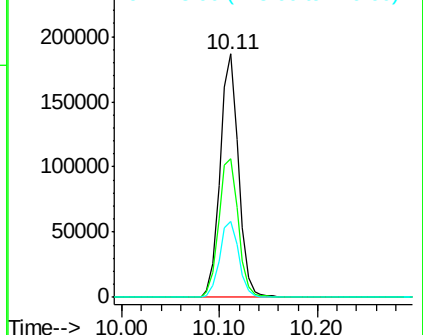
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012657.D
Acq: 25 Sep 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:117 Resp: 244051
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.2 25.3 37.9

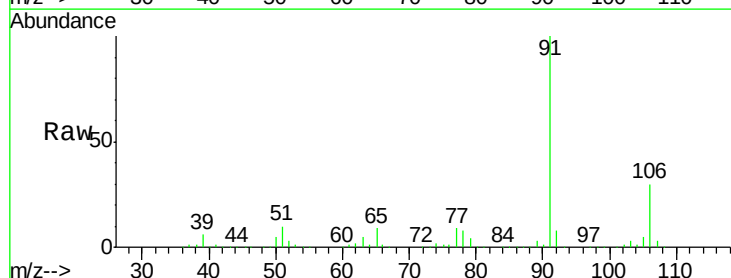


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

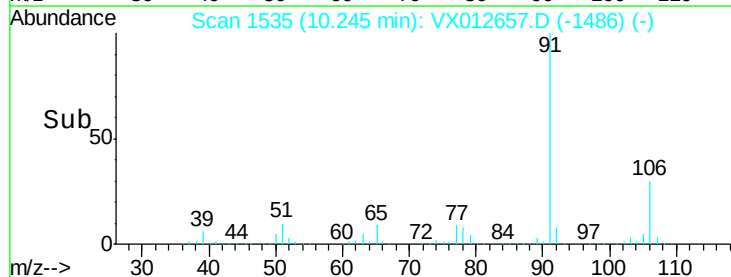
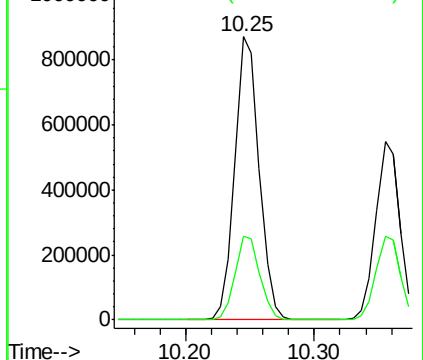


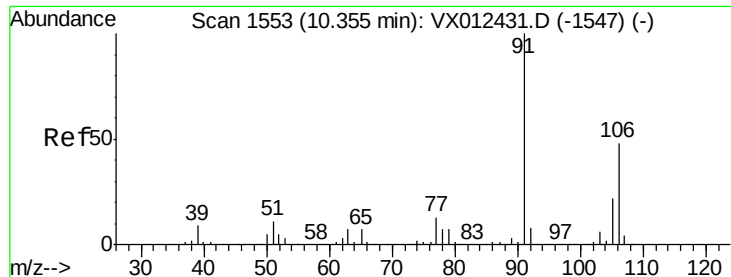
#67
Ethyl Benzene
Concen: 123.827 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012657.D
Acq: 25 Sep 2019 13:32

Tgt Ion: 91 Resp: 1154219
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 96.592 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

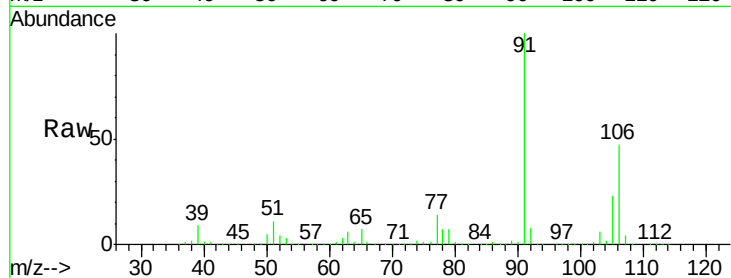
QNWP8-MW30D-GW

Tot Ion:106 Resp: 337274

Ion Ratio Lower Upper

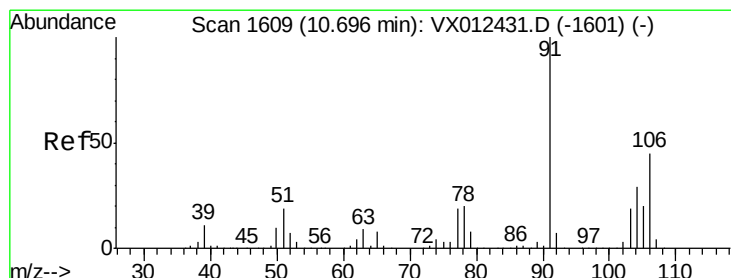
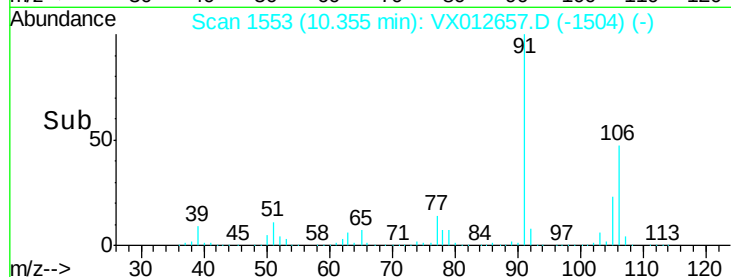
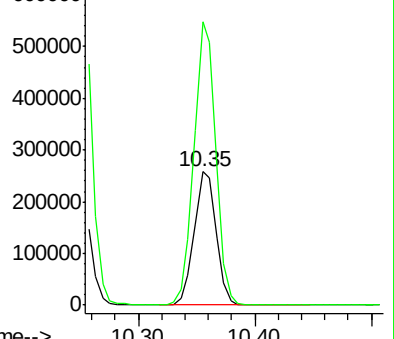
106 100

91 209.0 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 57.136 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012657.D

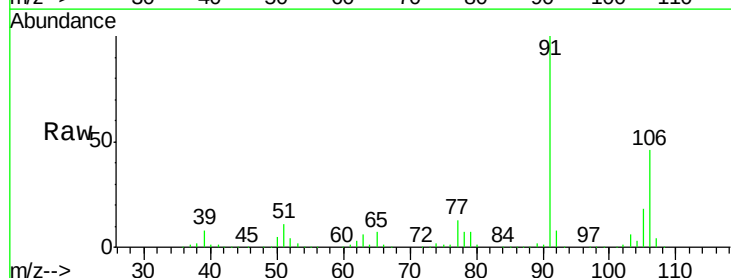
Acq: 25 Sep 2019 13:32

Tgt Ion:106 Resp: 193043

Ion Ratio Lower Upper

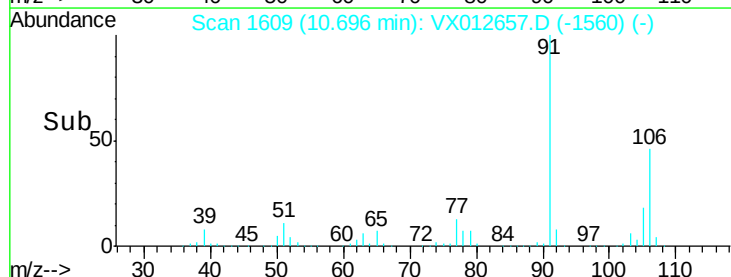
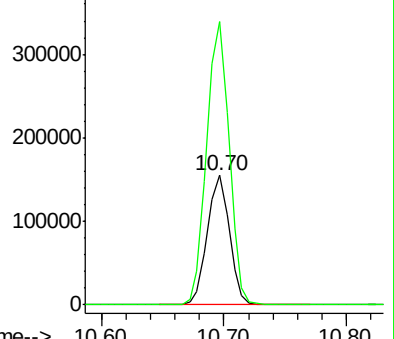
106 100

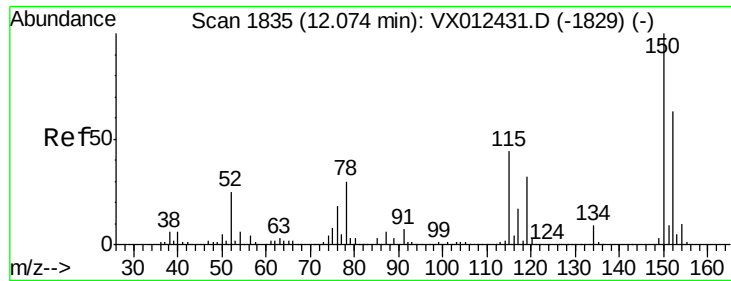
91 222.4 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

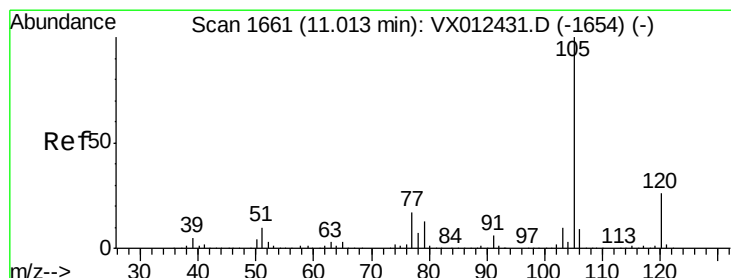
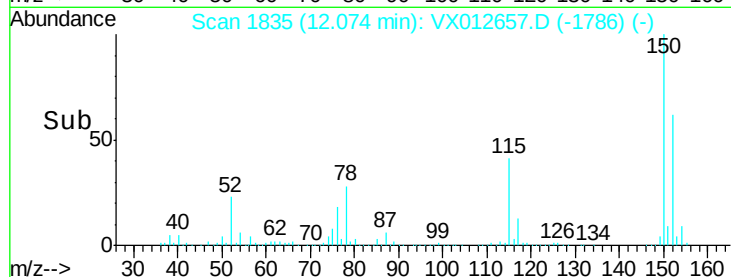
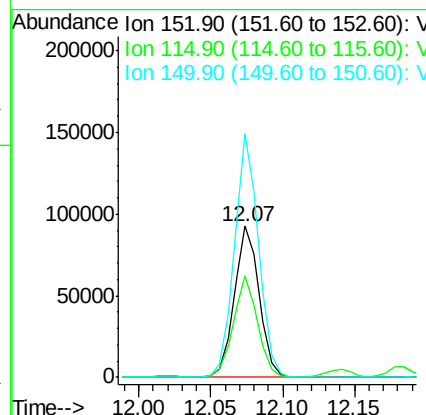
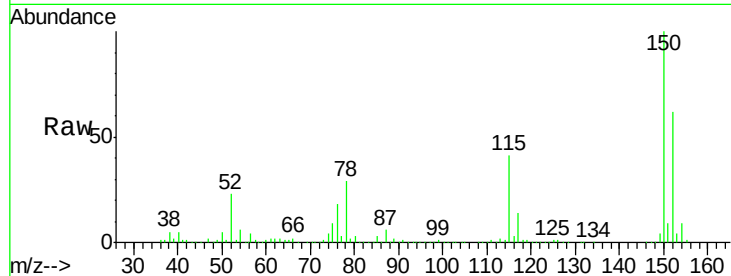




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

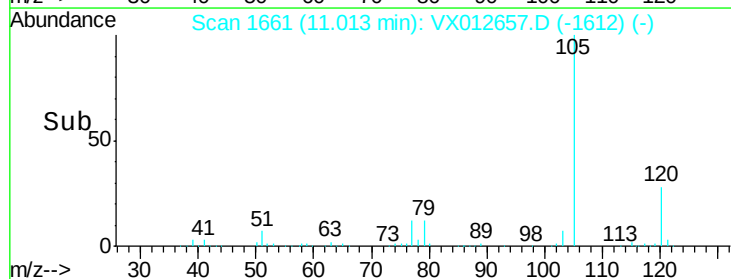
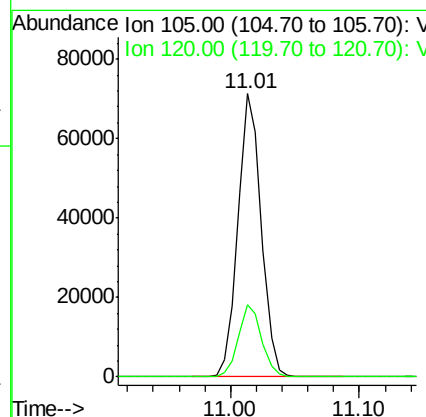
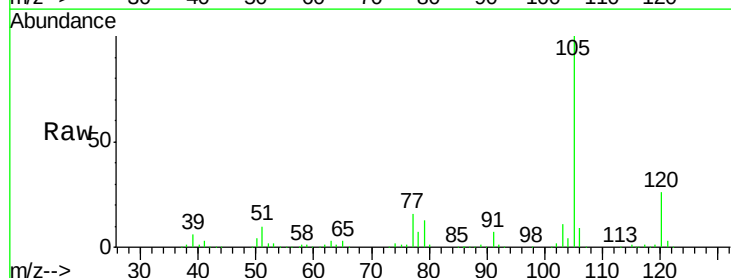
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

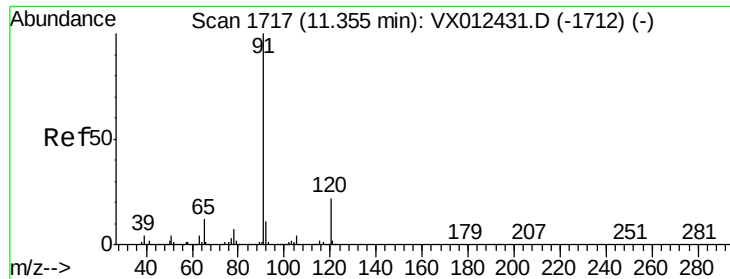
Tot Ion:152 Resp: 111814
 Ion Ratio Lower Upper
 152 100
 115 65.2 44.1 132.3
 150 156.9 0.0 343.8



#73
 Isopropylbenzene
 Concen: 9.922 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

Tgt Ion:105 Resp: 90361
 Ion Ratio Lower Upper
 105 100
 120 25.4 12.9 38.7





#78

n-propylbenzene

Concen: 3.035 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012657.D

Acq: 25 Sep 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

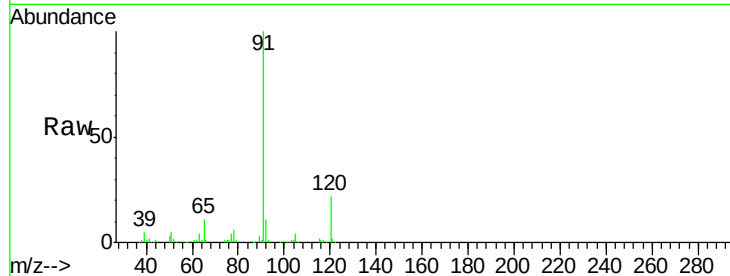
QNWP8-MW30D-GW

Tot Ion: 91 Resp: 31112

Ion Ratio Lower Upper

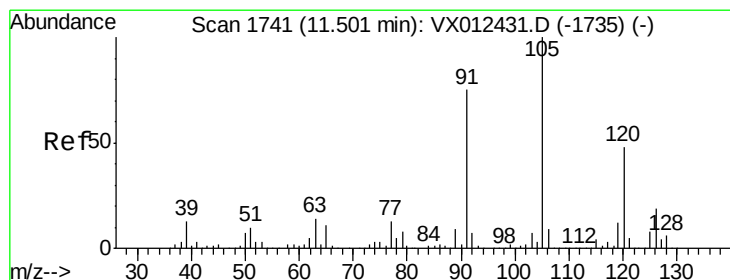
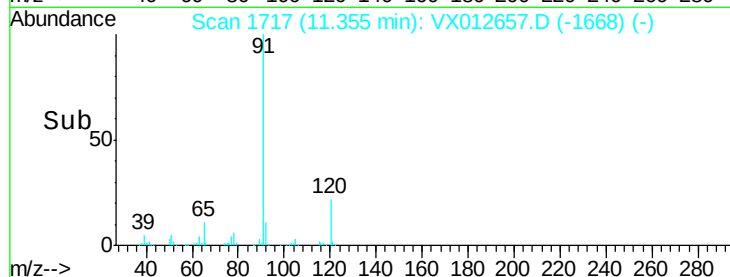
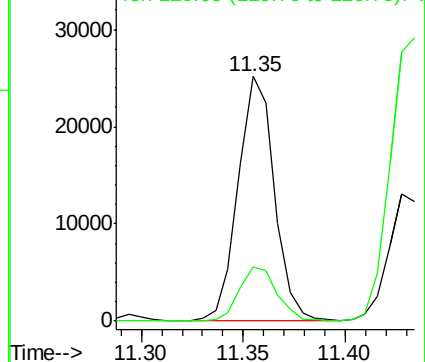
91 100

120 22.8 11.3 33.8



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: 24.268 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012657.D

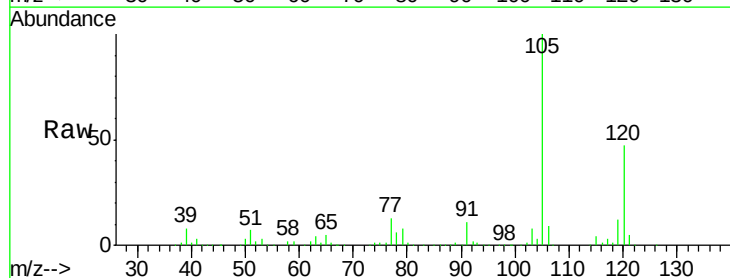
Acq: 25 Sep 2019 13:32

Tgt Ion:105 Resp: 185334

Ion Ratio Lower Upper

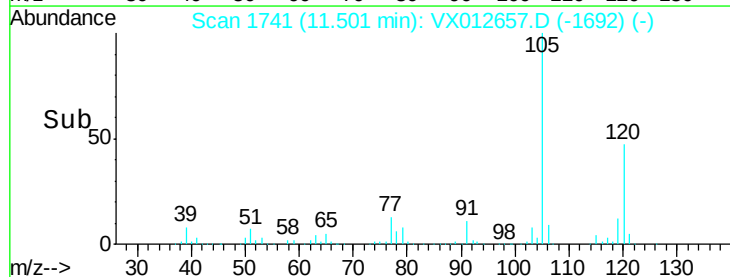
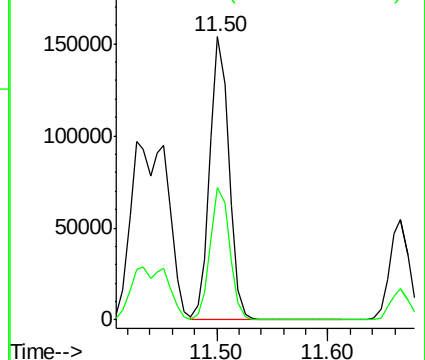
105 100

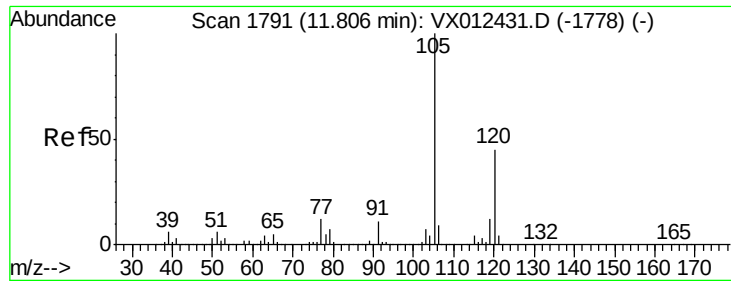
120 47.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

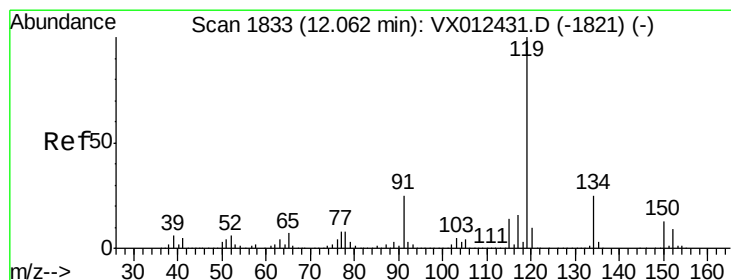
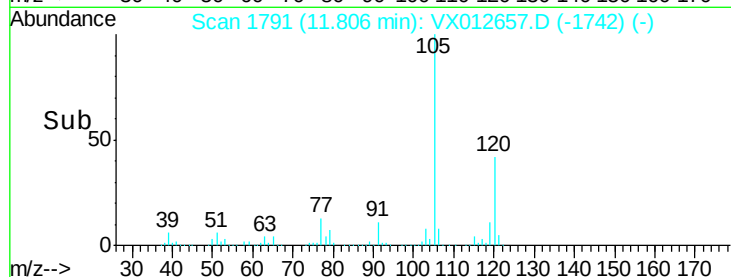
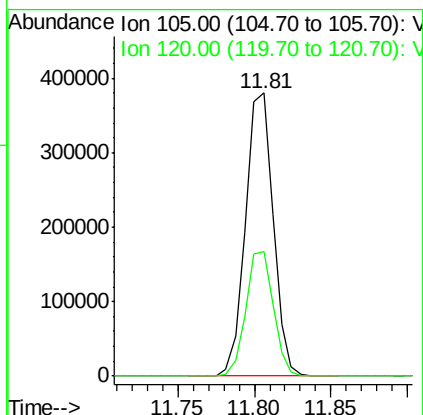
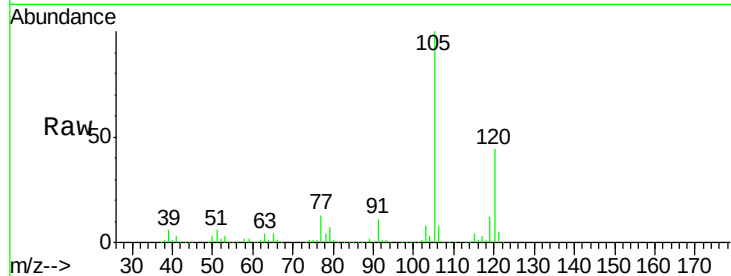




#84
 1,2,4-Trimethylbenzene
 Concen: 62.064 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

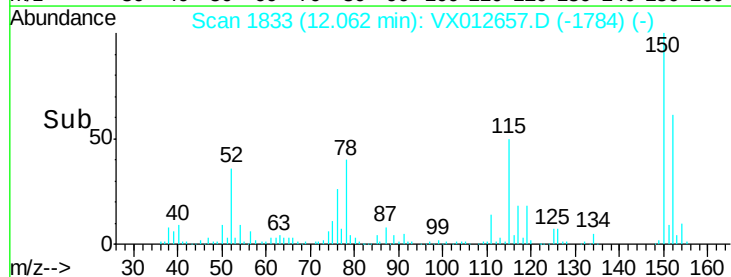
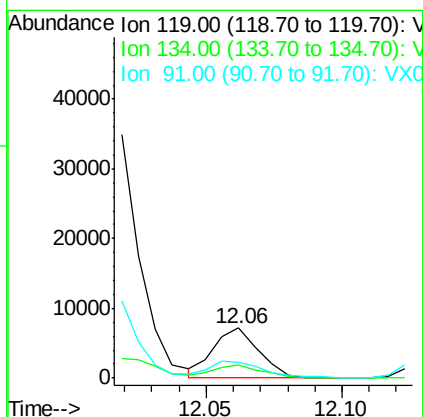
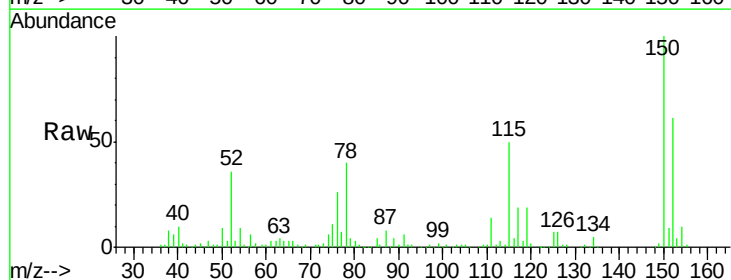
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

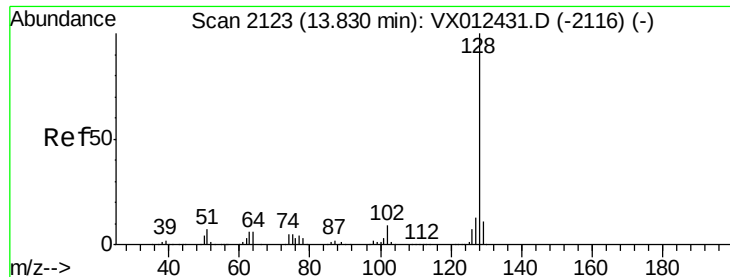
Tot Ion:105 Resp: 478137
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6



#86
 p-Isopropyltoluene
 Concen: 1.087 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012657.D
 Acq: 25 Sep 2019 13:32

Tgt Ion:119 Resp: 8403
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.7 38.1
 91 0.0 12.8 38.4#

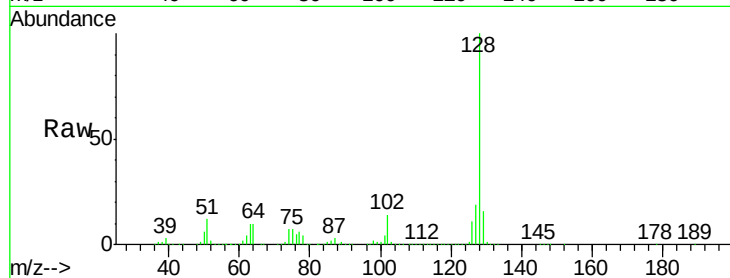




#95
Naphthalene
Concen: 1609.900 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX012657.D
Acq: 25 Sep 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:128 Resp:13191071
Ion Ratio Lower Upper
128 100
127 15.8 10.2 15.4#
129 13.7 8.8 13.2#



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

