

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016367.D
 Acq On : 20 May 2020 17:53
 Operator : JC/SP
 Sample : L2684-02 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-4

Quant Time: May 21 06:05:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

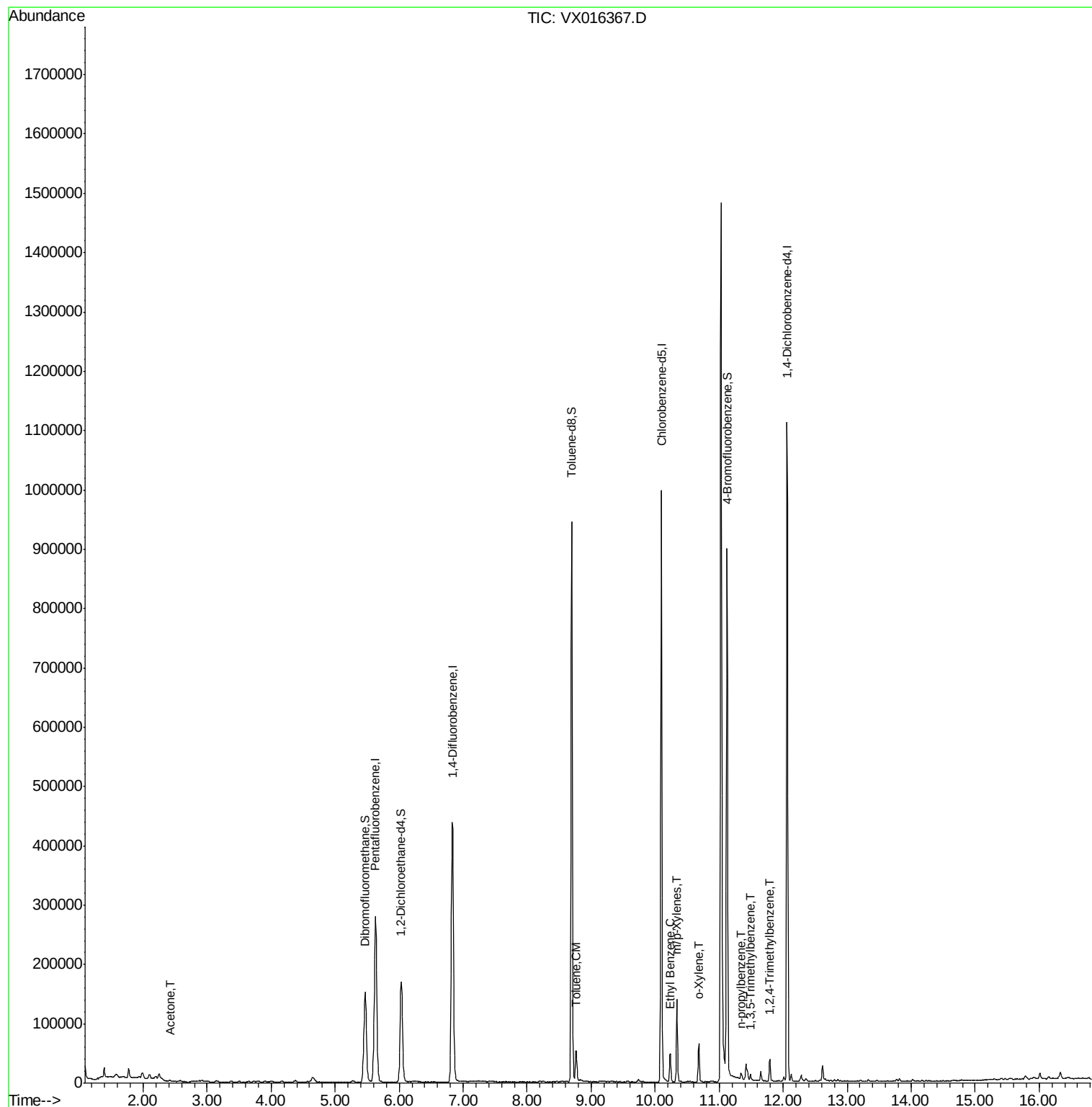
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	460209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162887	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	5.47	113	135848	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	8.70	98	563631	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.12	95	233472	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
Target Compounds						
16) Acetone	2.42	43	2514	1.569	ug/l	92
52) Toluene	8.77	92	19735	2.389	ug/l	98
67) Ethyl Benzene	10.24	91	29128	1.708	ug/l	98
68) m/p-Xylenes	10.34	106	32337	5.061	ug/l	100
69) o-Xylene	10.68	106	14546	2.368	ug/l	98
78) n-propylbenzene	11.35	91	5114	0.259	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	4620	0.322	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	16747	1.156	ug/l	99

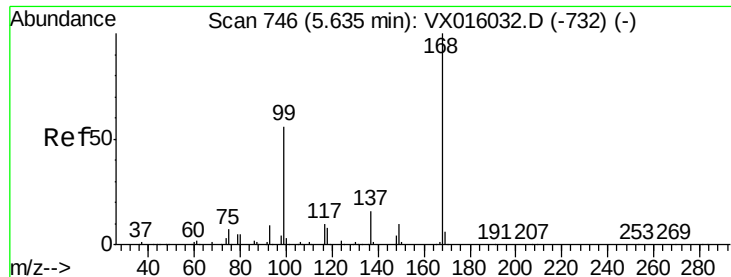
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016367.D

Acq: 20 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

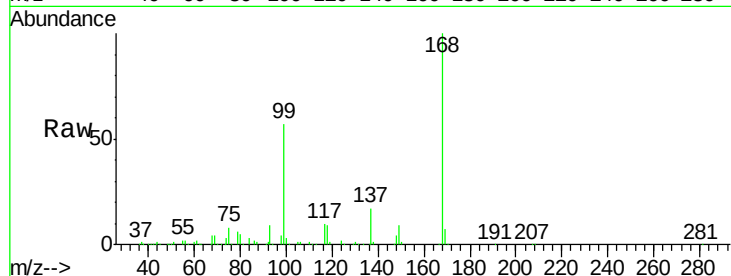
RW-4

Tot Ion:168 Resp: 272922

Ion Ratio Lower Upper

168 100

99 57.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

40000

20000

0

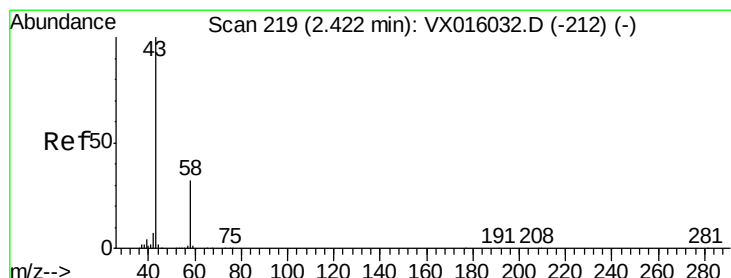
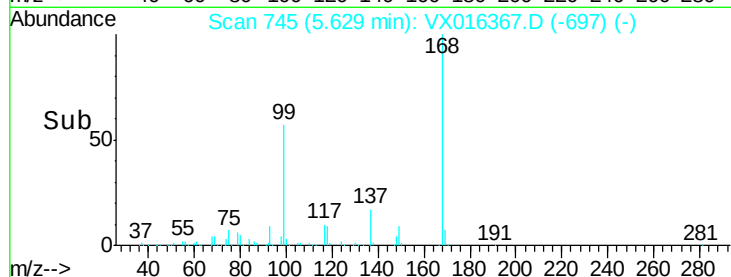
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 1.569 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016367.D

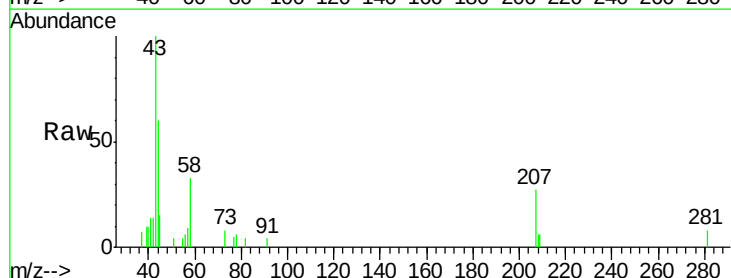
Acq: 20 May 2020 17:53

Tgt Ion: 43 Resp: 2514

Ion Ratio Lower Upper

43 100

58 36.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

1500

1000

500

0

Time-->

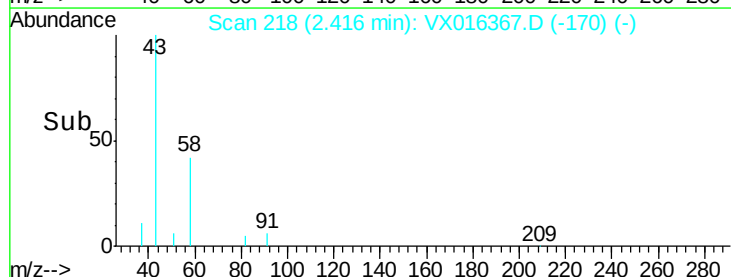
2.35

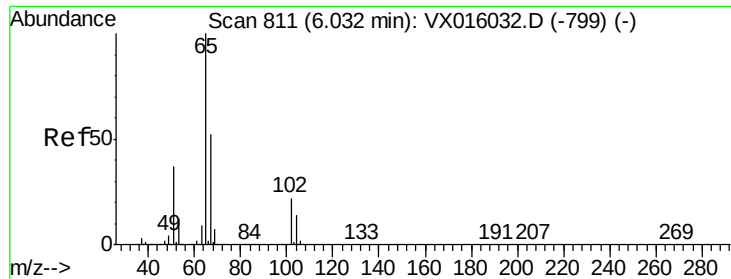
2.40

2.45

2.50

2.55

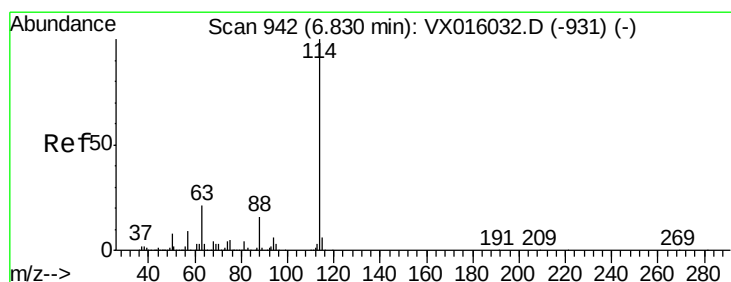
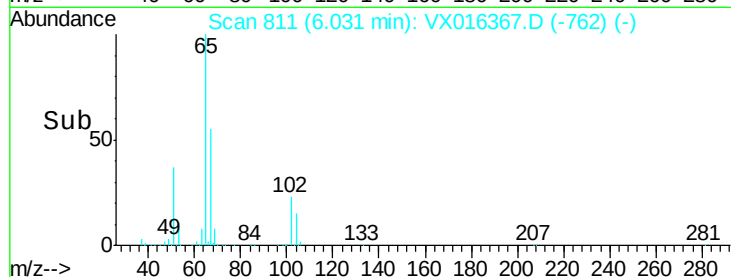
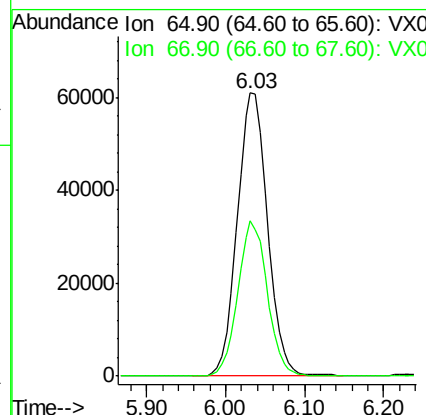
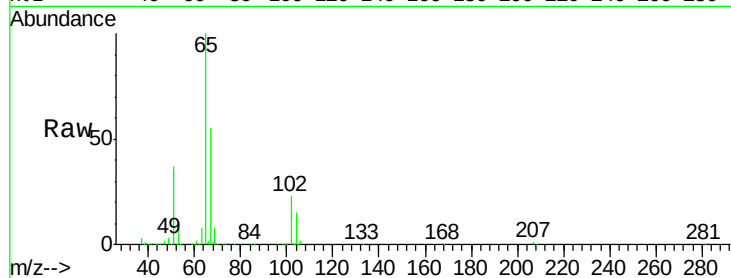




#33
 1,2-Dichloroethane-d4
 Concen: 45.355 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016367.D
 Acq: 20 May 2020 17:53

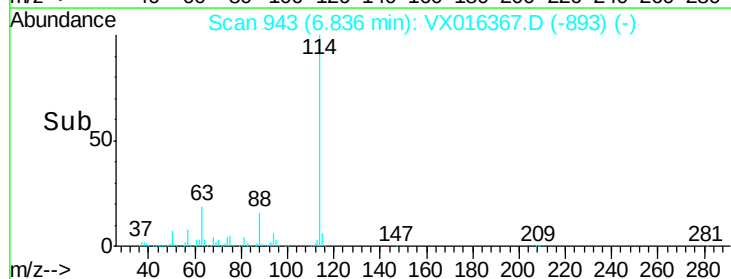
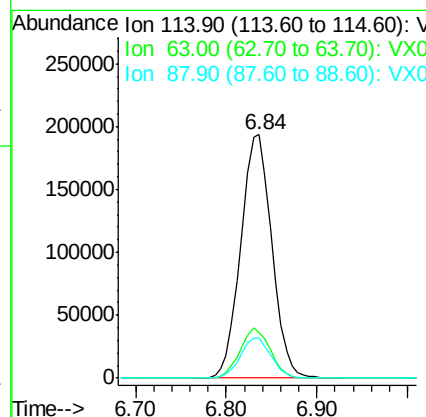
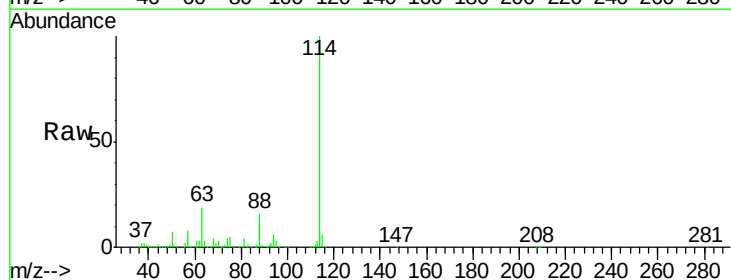
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-4

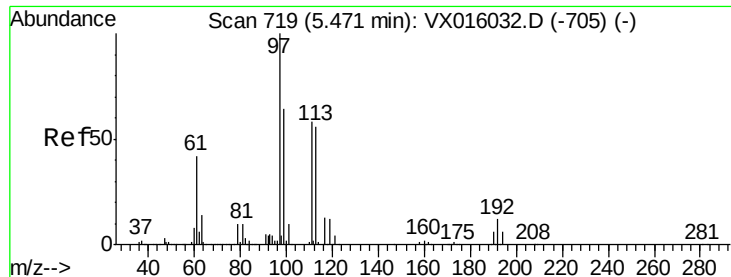
Tot Ion: 65 Resp: 162887
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016367.D
 Acq: 20 May 2020 17:53

Tgt Ion: 114 Resp: 460209
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.8
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.593 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016367.D

Acq: 20 May 2020 17:53

Instrument :

MSVOA_X

ClientSampled :

RW-4

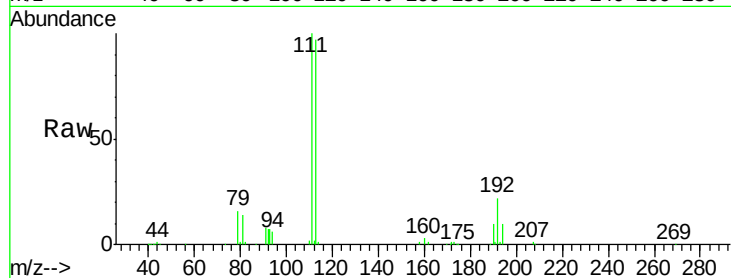
Tot Ion:113 Resp: 135848

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

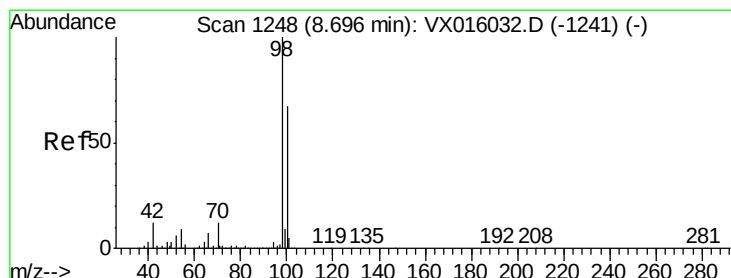
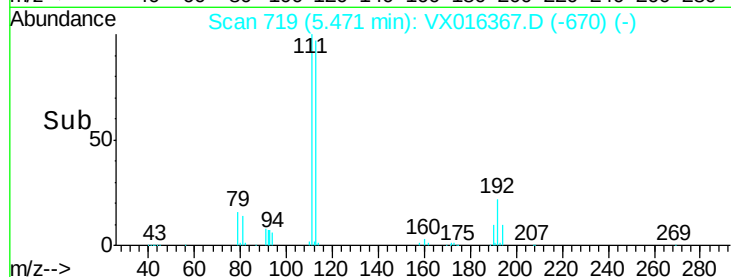
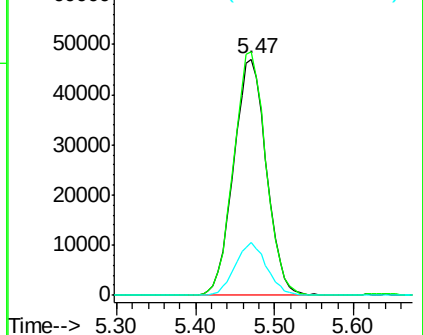
192 21.5 17.0 25.4



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



#50

Toluene-d8

Concen: 50.172 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016367.D

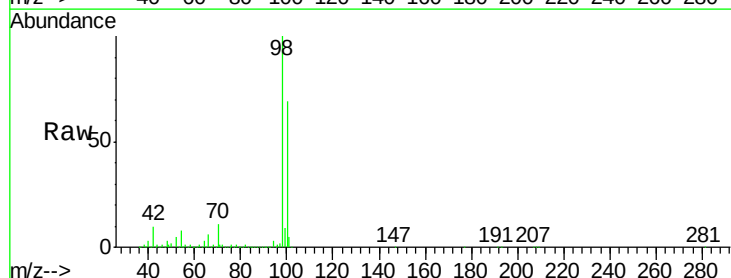
Acq: 20 May 2020 17:53

Tgt Ion: 98 Resp: 563631

Ion Ratio Lower Upper

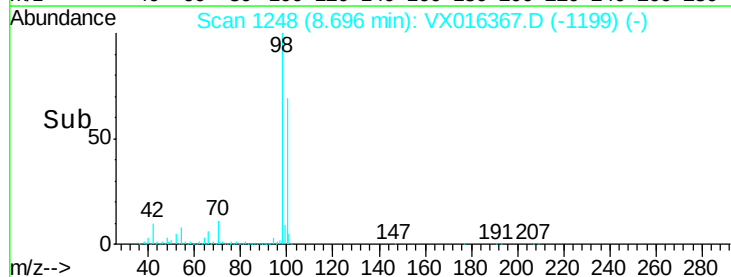
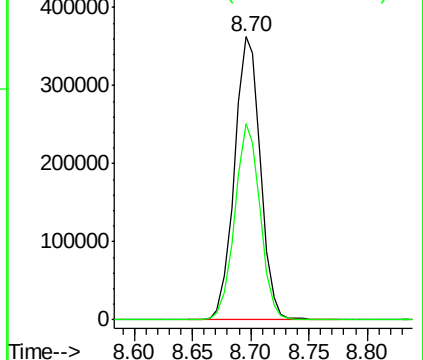
98 100

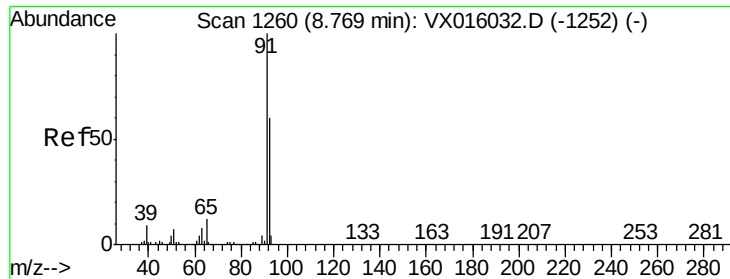
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.389 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016367.D

Acq: 20 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

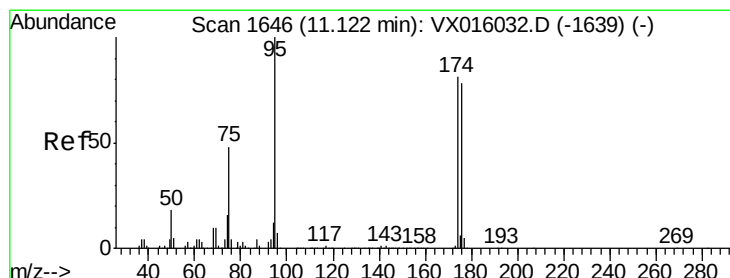
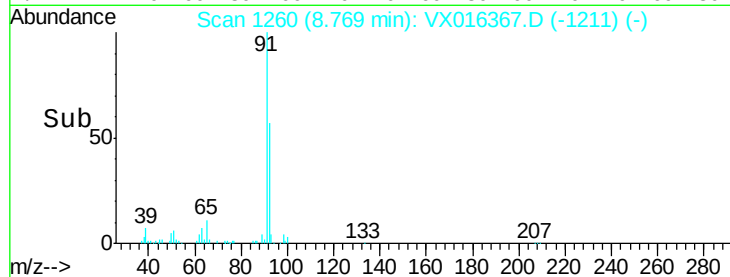
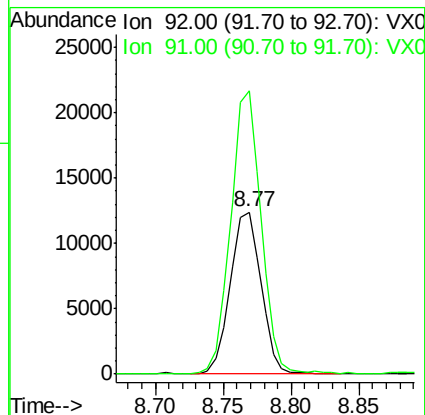
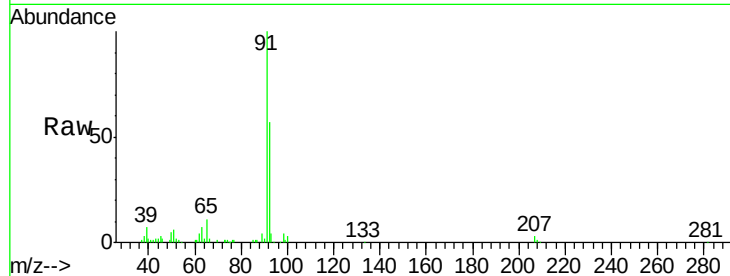
RW-4

Tot Ion: 92 Resp: 19735

Ion Ratio Lower Upper

92 100

91 170.5 134.5 201.7



#62

4-Bromofluorobenzene

Concen: 54.640 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016367.D

Acq: 20 May 2020 17:53

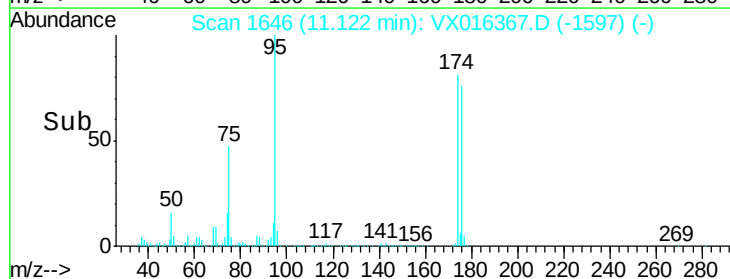
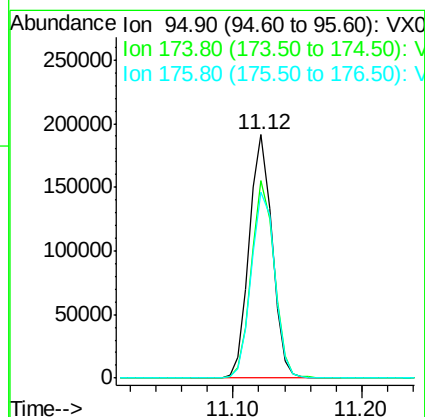
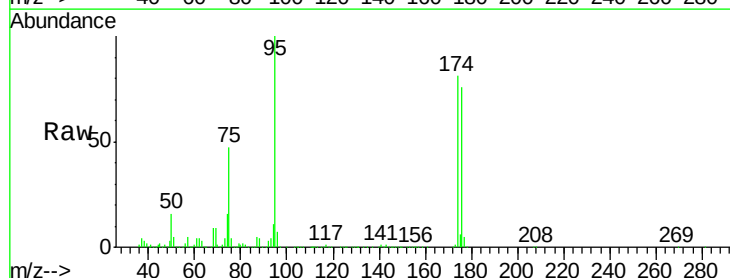
Tgt Ion: 95 Resp: 233472

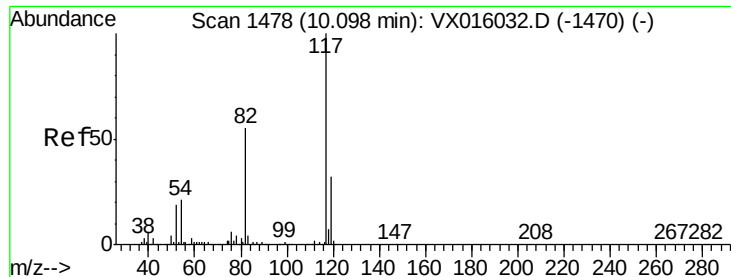
Ion Ratio Lower Upper

95 100

174 80.9 0.0 159.4

176 78.5 0.0 157.6

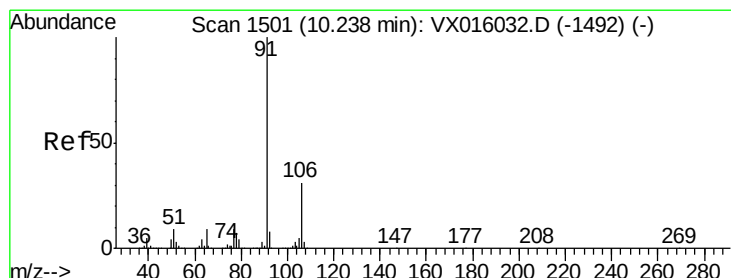
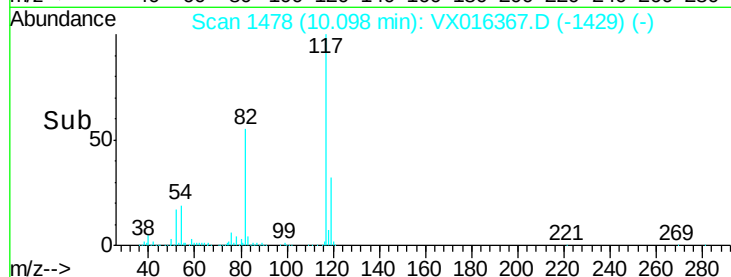
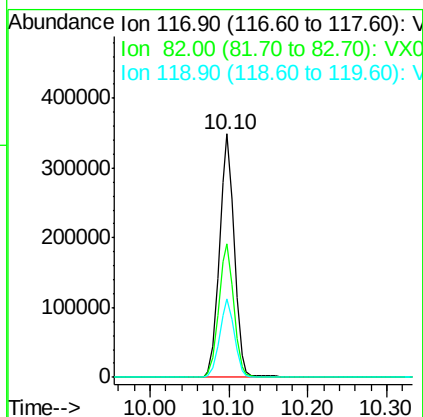
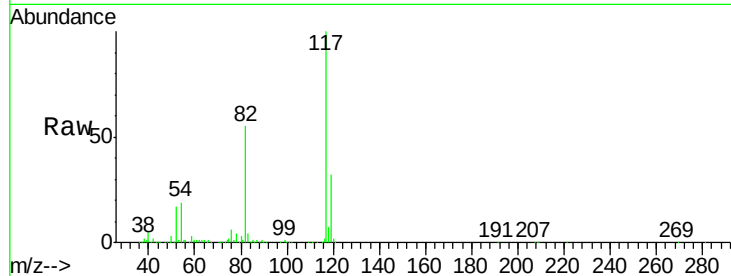




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016367.D
Acq: 20 May 2020 17:53

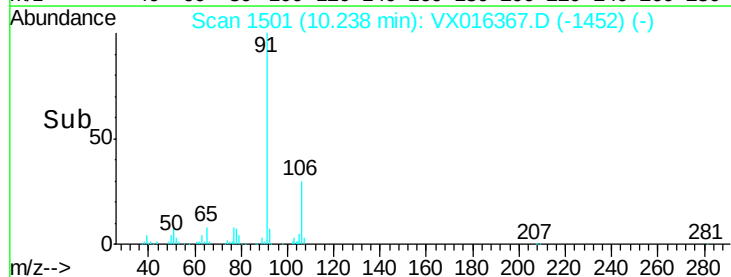
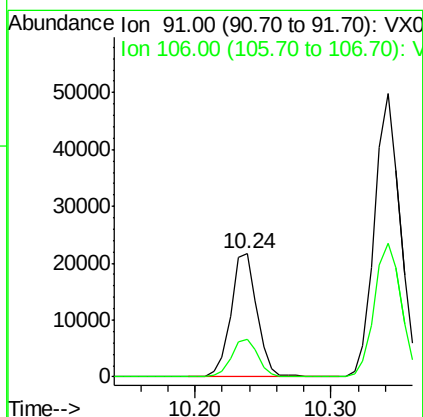
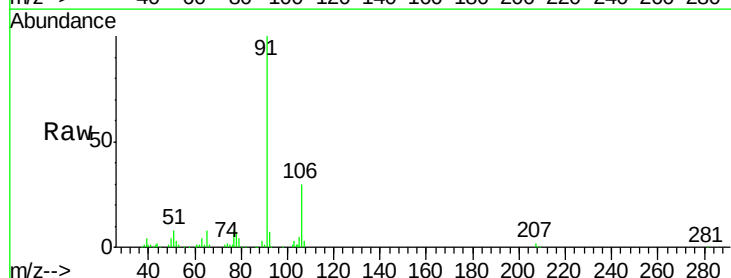
Instrument :
MSVOA_X
ClientSampled :
RW-4

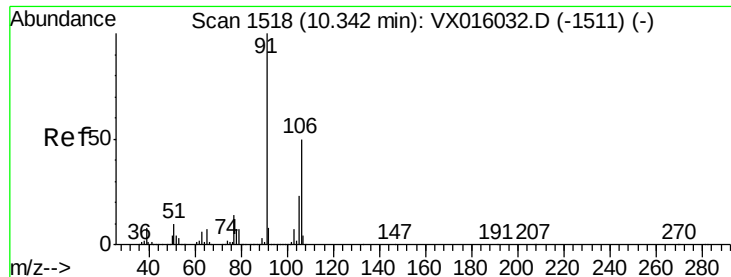
Tot Ion:117 Resp: 456447
Ion Ratio Lower Upper
117 100
82 54.7 44.4 66.6
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.708 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016367.D
Acq: 20 May 2020 17:53

Tgt Ion: 91 Resp: 29128
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7

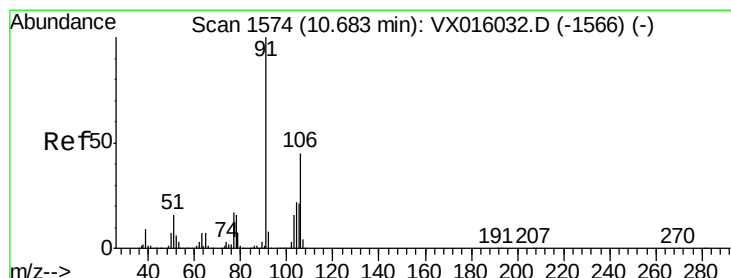
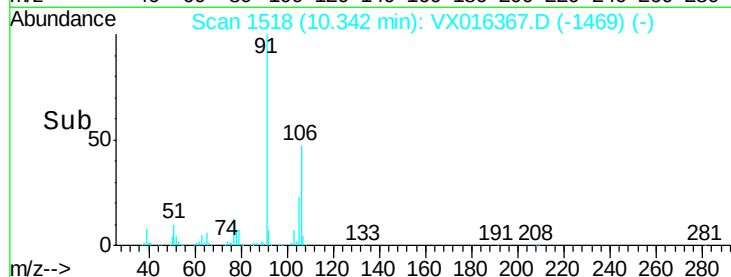
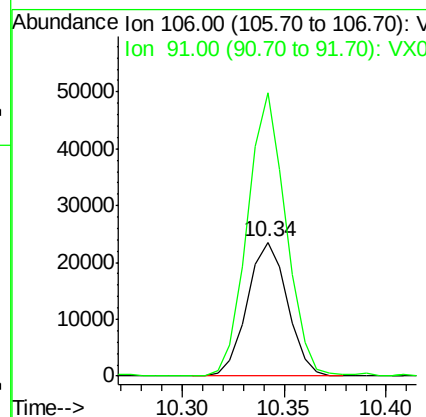
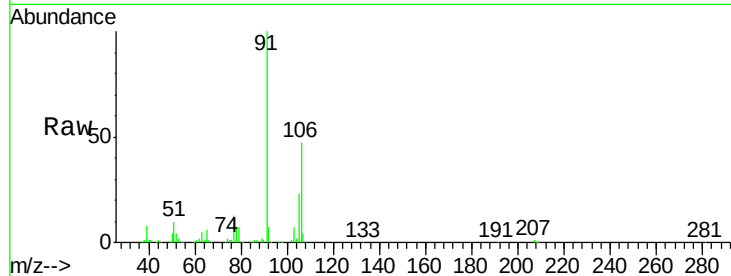




#68
m/p-Xylenes
Concen: 5.061 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016367.D
Acq: 20 May 2020 17:53

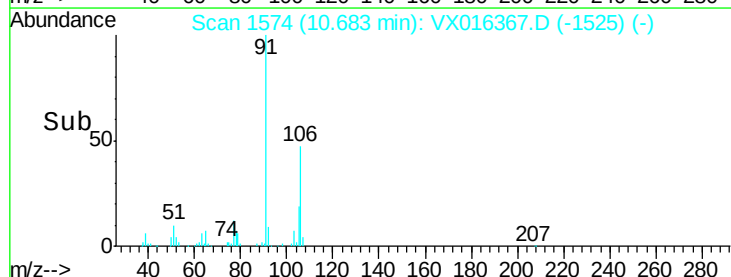
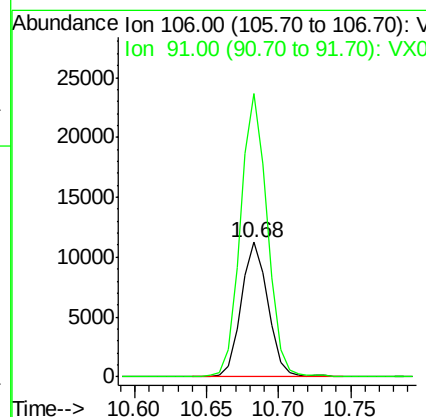
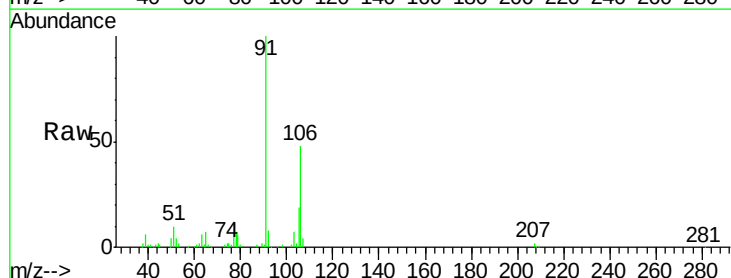
Instrument :
MSVOA_X
Client Sampled :
RW-4

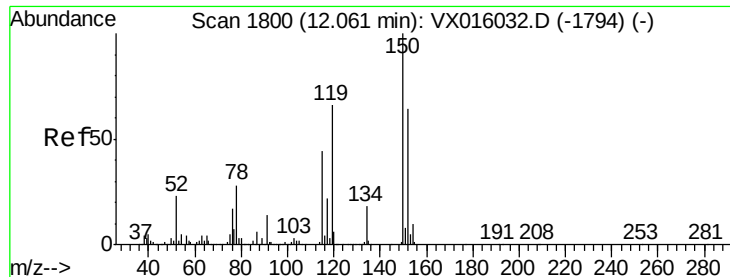
Tot Ion:106 Resp: 32337
Ion Ratio Lower Upper
106 100
91 202.6 161.7 242.5



#69
o-Xylene
Concen: 2.368 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016367.D
Acq: 20 May 2020 17:53

Tgt Ion:106 Resp: 14546
Ion Ratio Lower Upper
106 100
91 211.9 107.5 322.6

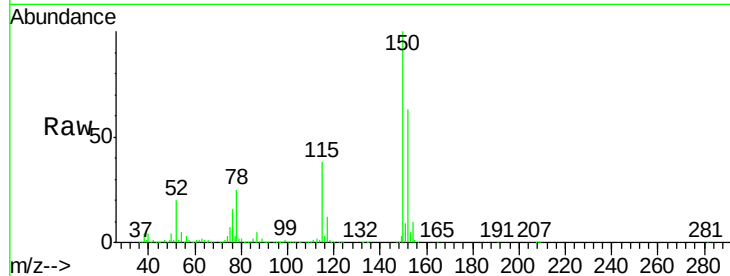




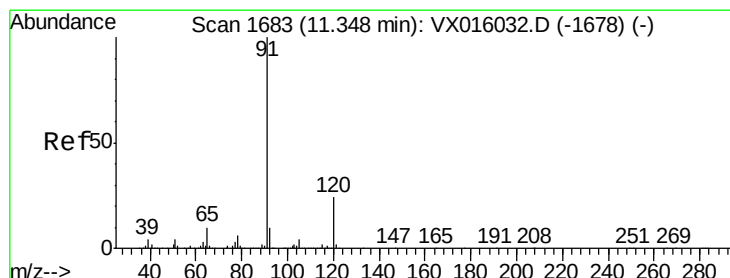
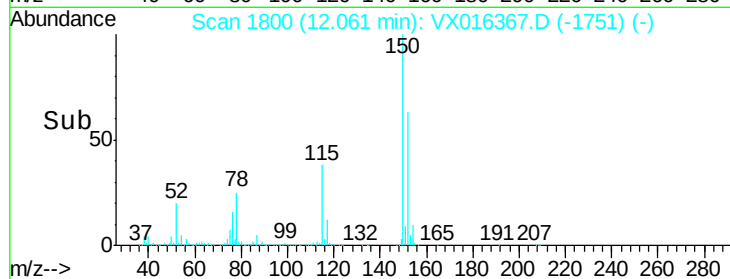
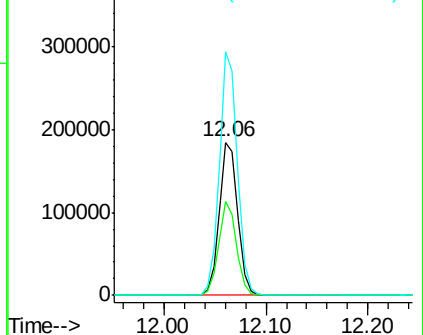
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX016367.D
 Acq: 20 May 2020 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.3	124.1
150	156.0	0.0	352.2

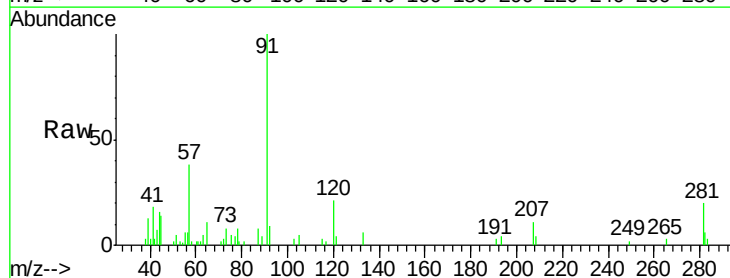


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

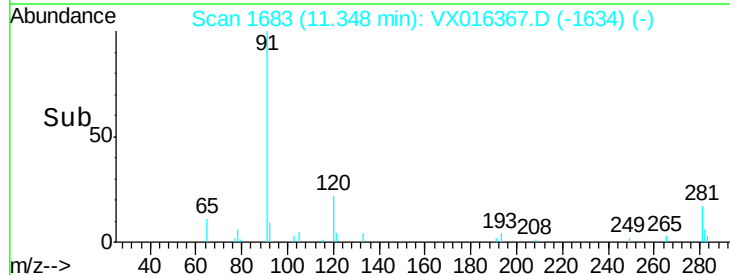
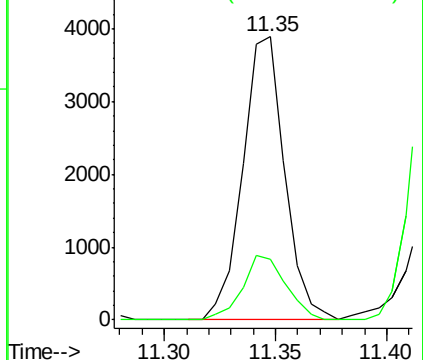


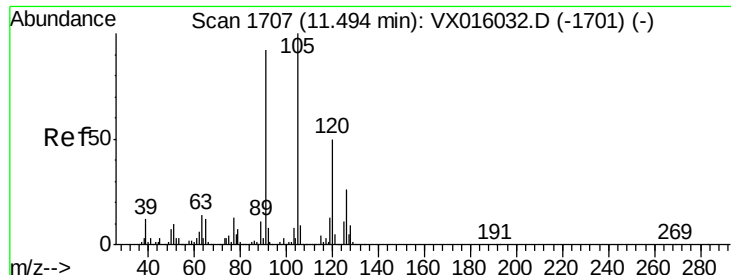
#78
 n-propylbenzene
 Concen: 0.259 ug/l
 RT: 11.35 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VX016367.D
 Acq: 20 May 2020 17:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.5	34.5



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: 0.322 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016367.D

Acq: 20 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

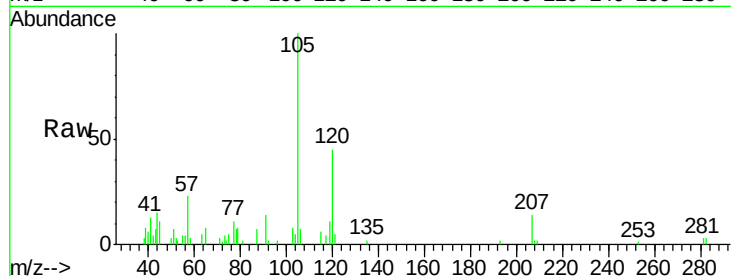
RW-4

Tot Ion:105 Resp: 4620

Ion Ratio Lower Upper

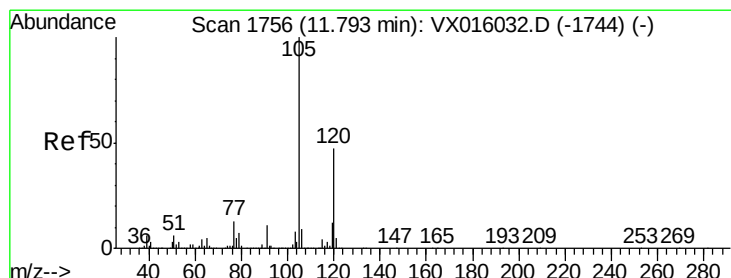
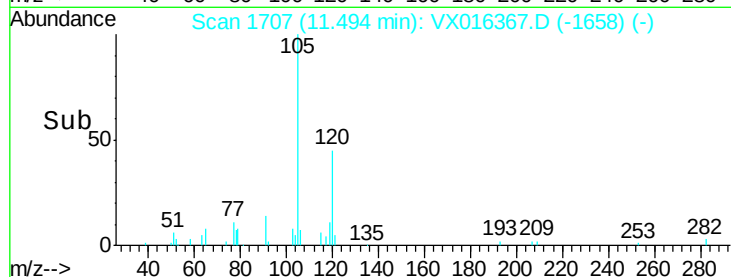
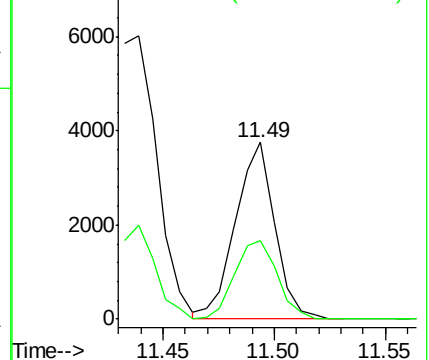
105 100

120 48.1 24.6 74.0



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: 1.156 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016367.D

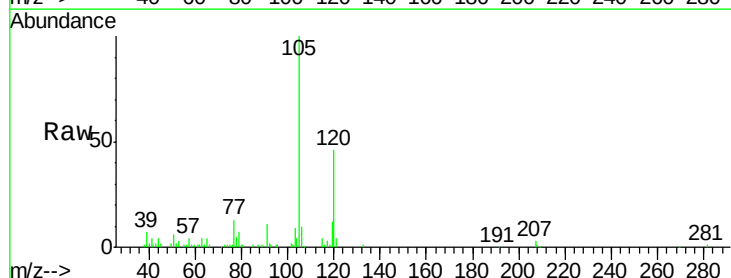
Acq: 20 May 2020 17:53

Tgt Ion:105 Resp: 16747

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

