

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
 Data File : VX014427.D
 Acq On : 06 Jan 2020 15:09
 Operator : JC/SP
 Sample : K6484-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30627

Quant Time: Jan 07 06:47:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

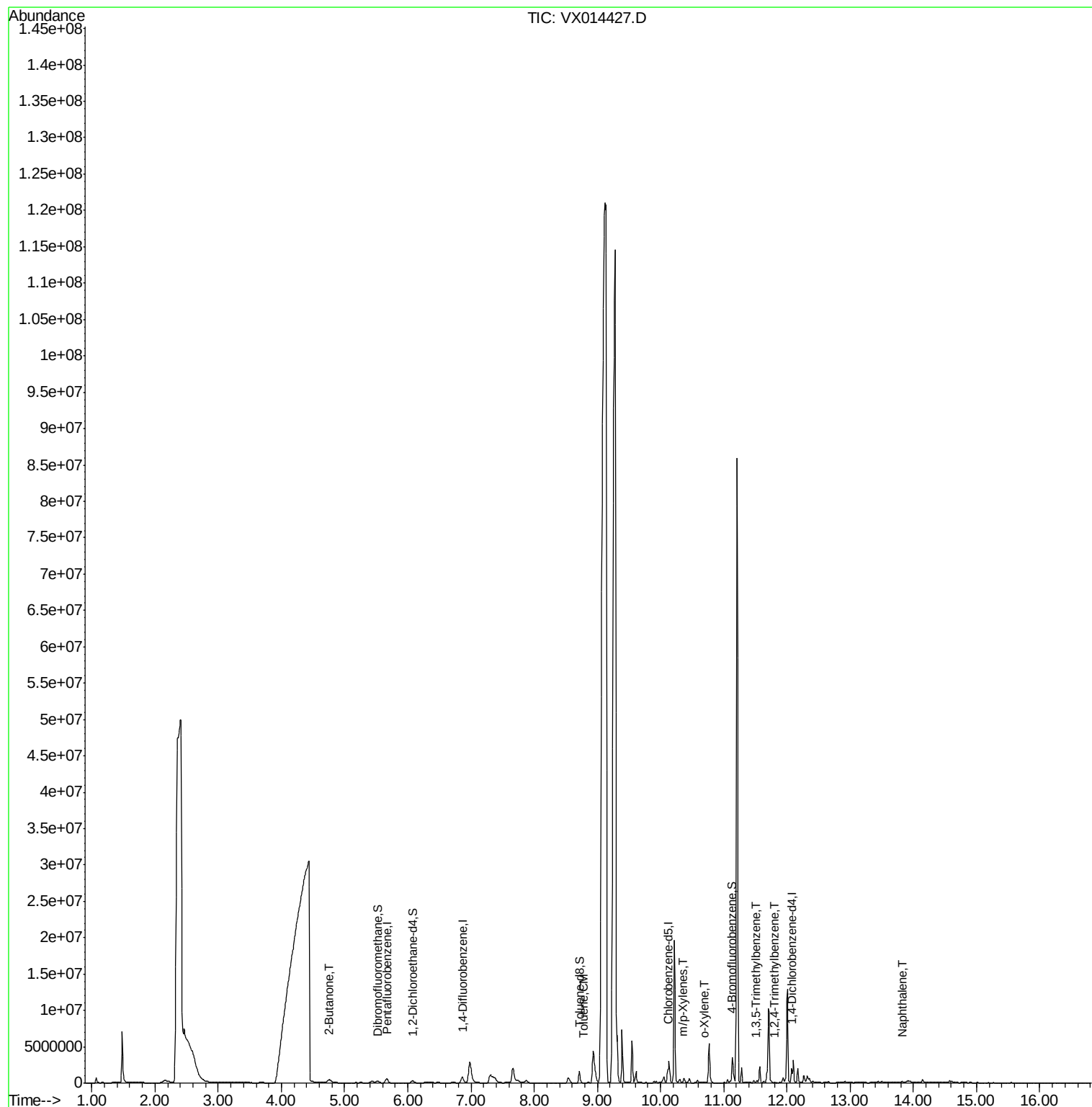
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	572987	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.86	114	886927	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.12	117	797962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	396729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	312519	48.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.52	113	232644	43.15	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.30%	
50) Toluene-d8	8.71	98	1044491	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	384824	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
25) 2-Butanone	4.75	43	1092819	210.245	ug/l	99
52) Toluene	8.78	92	3804	0.240	ug/l	99
68) m/p-Xylenes	10.35	106	9011	0.803	ug/l	100
69) o-Xylene	10.70	106	3947	0.359	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	4723	0.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	17395	0.739	ug/l	76
95) Naphthalene	13.83	128	46503	1.796	ug/l	98

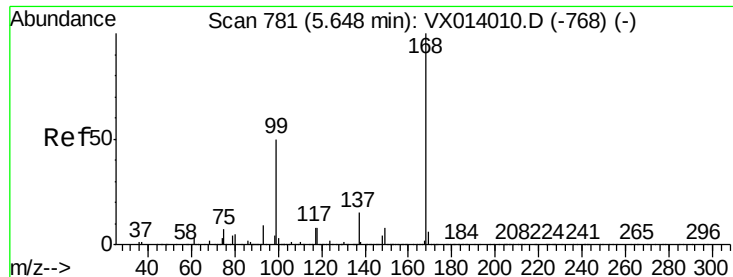
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 784

Delta R.T. 0.02 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

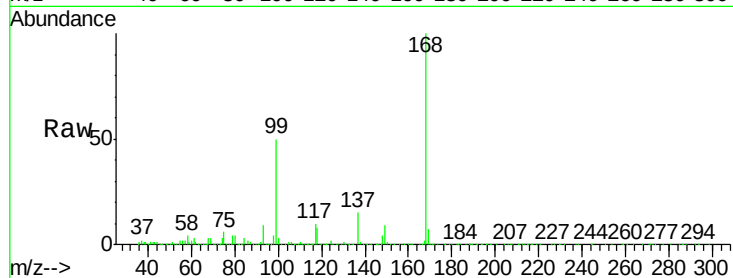
30627

Tgt Ion:168 Resp: 572987

Ion Ratio Lower Upper

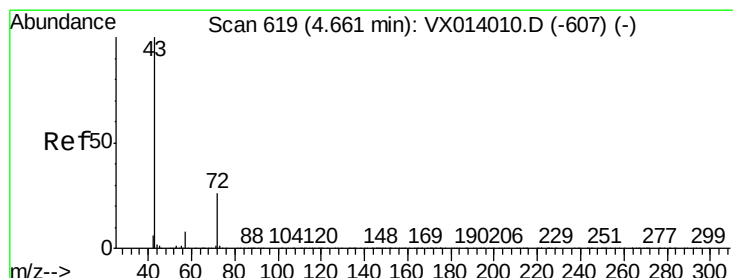
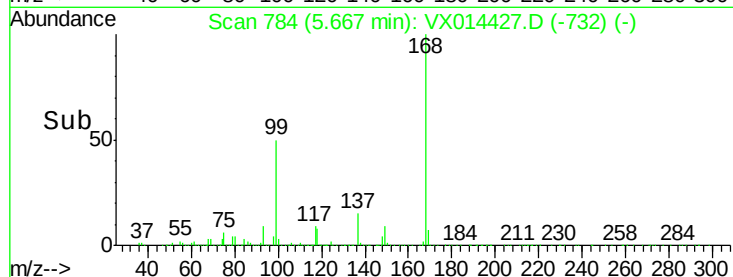
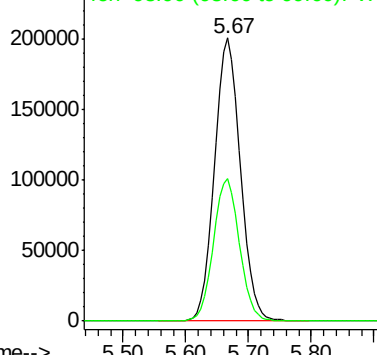
168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#25

2-Butanone

Concen: 210.245 ug/l

RT: 4.75 min Scan# 634

Delta R.T. 0.09 min

Lab File: VX014427.D

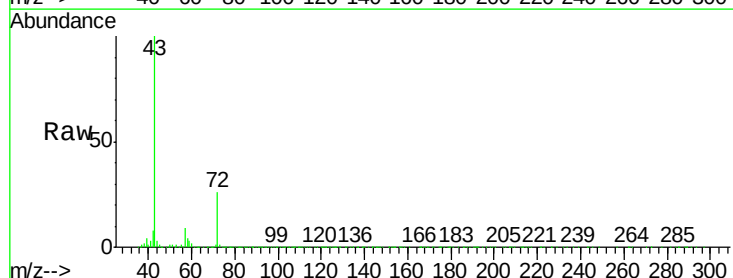
Acq: 06 Jan 2020 15:09

Tgt Ion: 43 Resp: 1092819

Ion Ratio Lower Upper

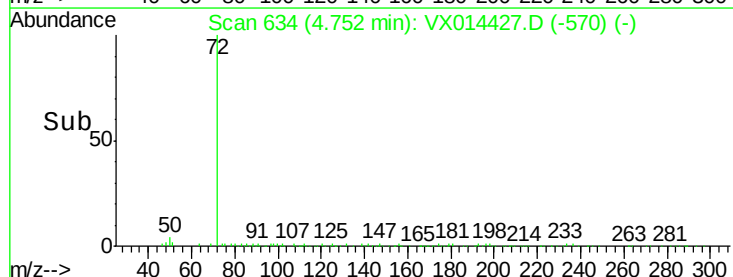
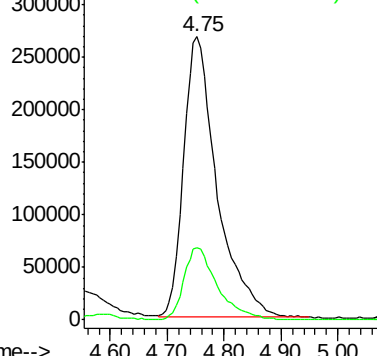
43 100

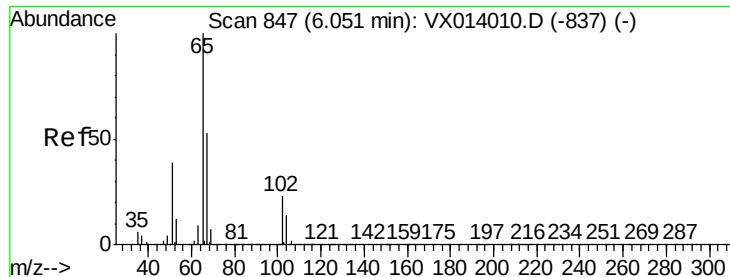
72 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

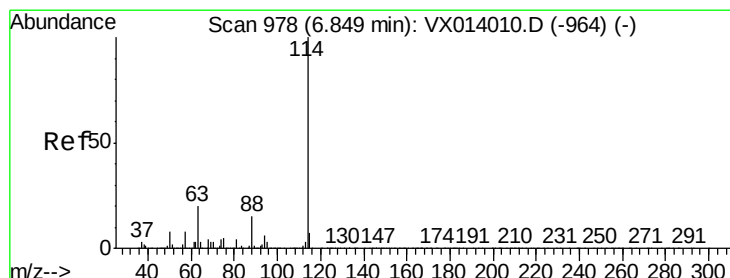
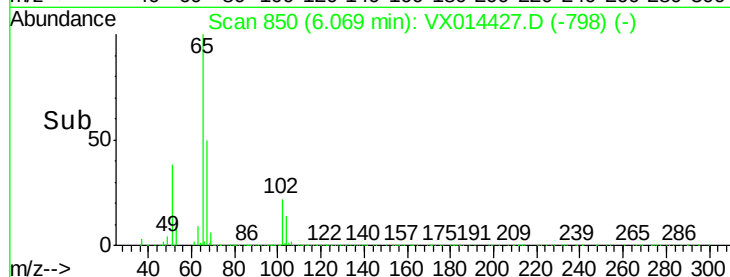
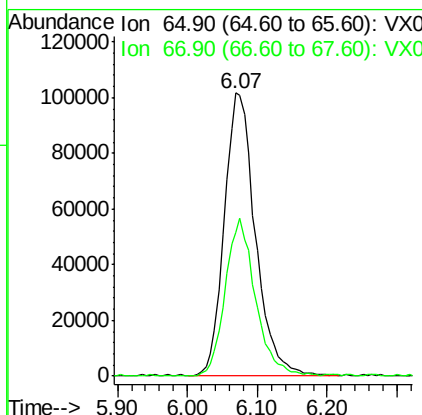
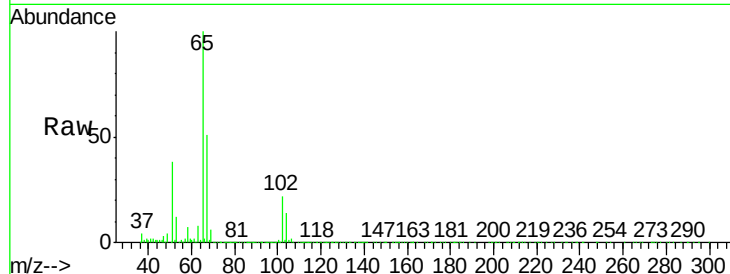




#33
 1,2-Dichloroethane-d4
 Concen: 48.124 ug/l
 RT: 6.07 min Scan# 850
 Delta R.T. 0.02 min
 Lab File: VX014427.D
 Acq: 06 Jan 2020 15:09

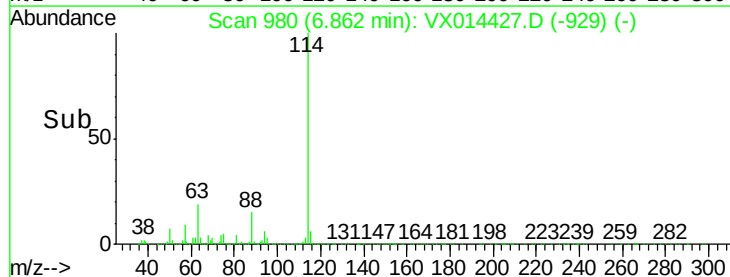
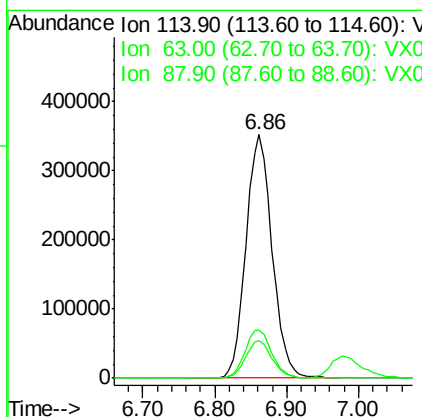
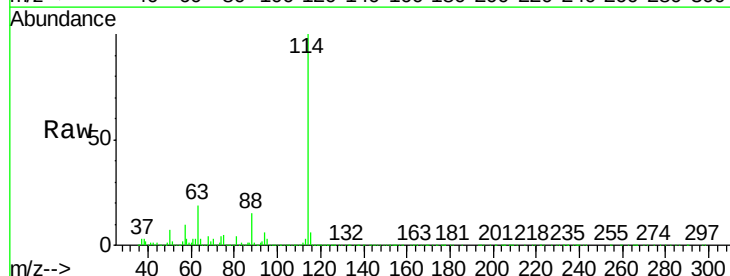
Instrument :
 MSVOA_X
 ClientSampleId :
 30627

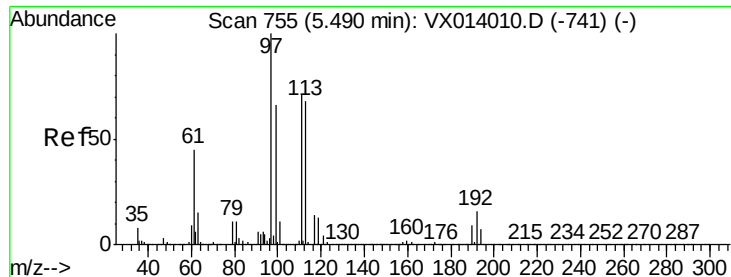
Tgt Ion: 65 Resp: 312519
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: VX014427.D
 Acq: 06 Jan 2020 15:09

Tgt Ion: 114 Resp: 886927
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.150 ug/l

RT: 5.52 min Scan# 760

Delta R.T. 0.03 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

30627

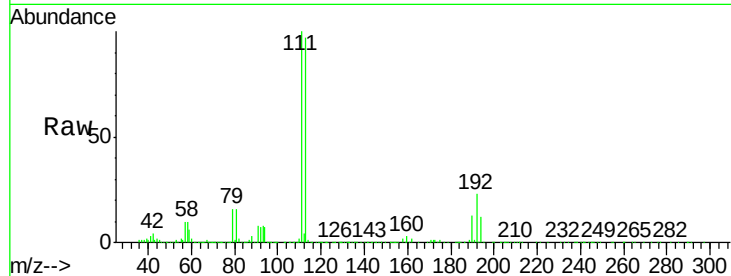
Tgt Ion:113 Resp: 232644

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

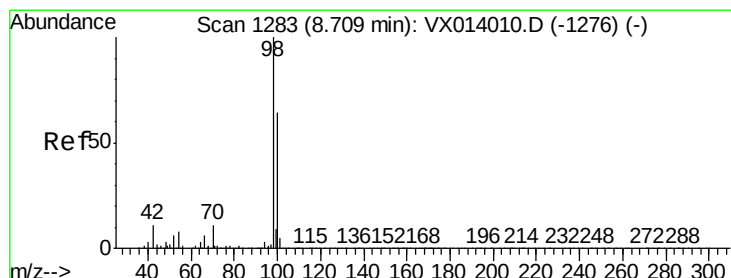
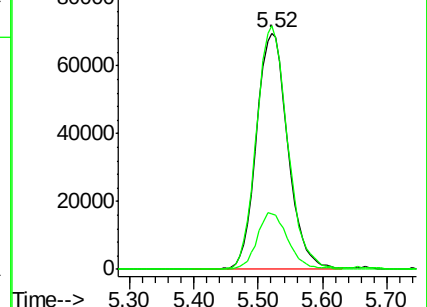
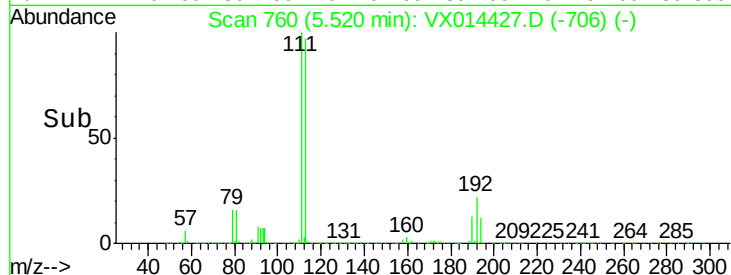
192 23.7 19.3 28.9



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: 49.760 ug/l

RT: 8.71 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VX014427.D

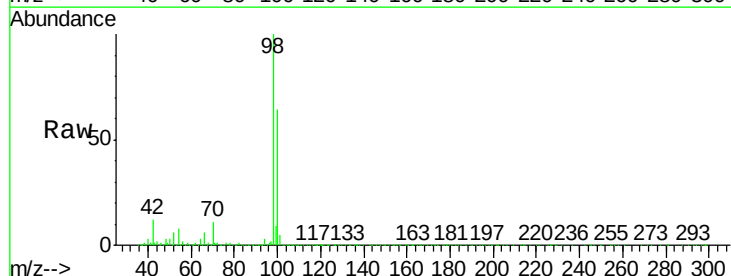
Acq: 06 Jan 2020 15:09

Tgt Ion: 98 Resp: 1044491

Ion Ratio Lower Upper

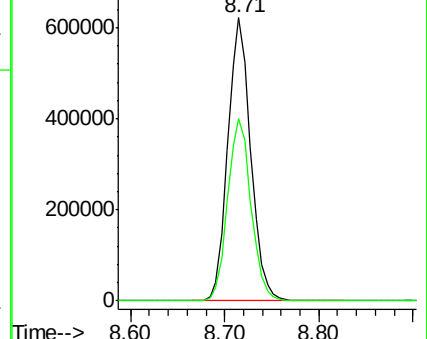
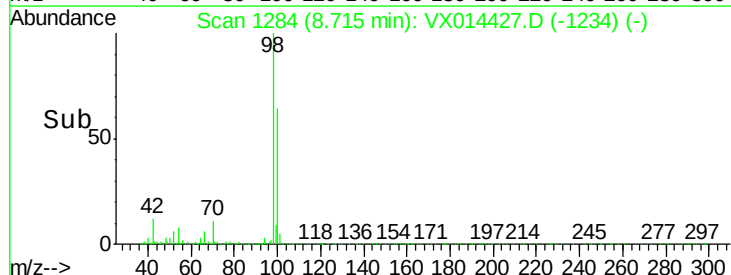
98 100

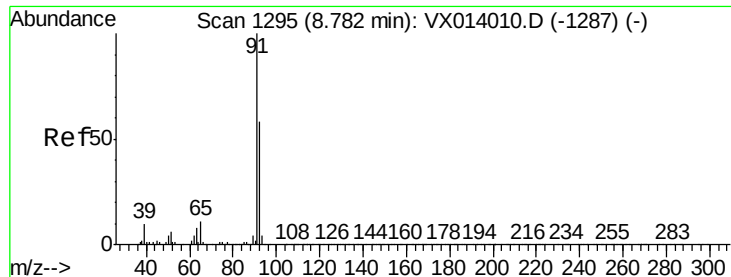
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.240 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

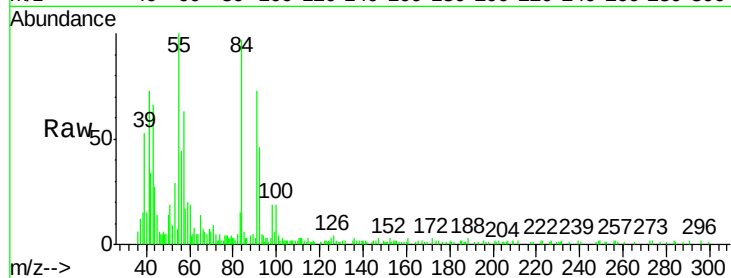
30627

Tgt Ion: 92 Resp: 3804

Ion Ratio Lower Upper

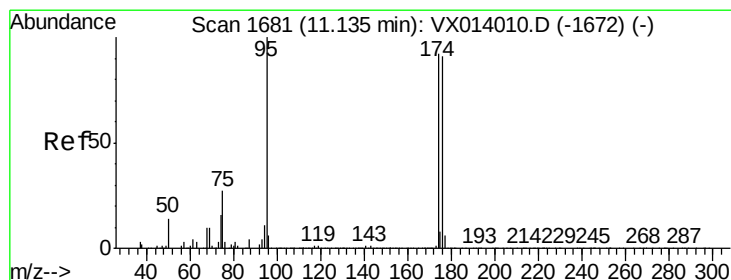
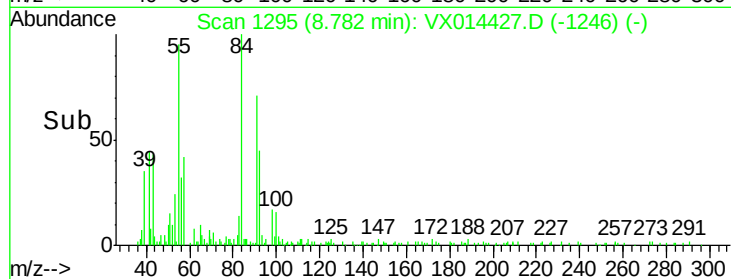
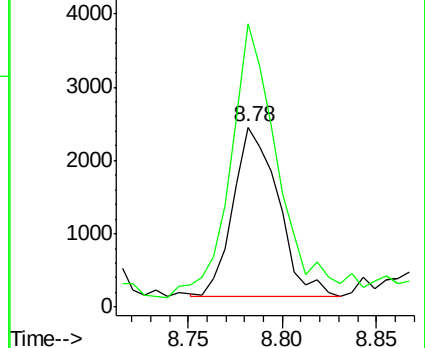
92 100

91 168.9 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.153 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

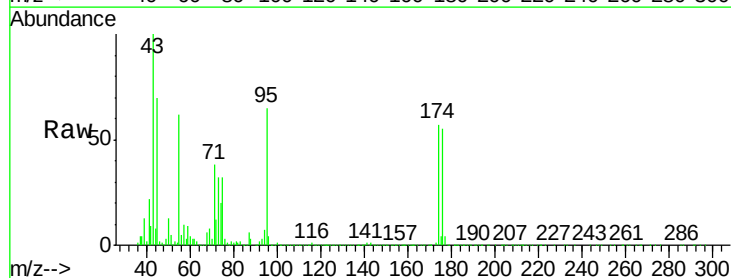
Tgt Ion: 95 Resp: 384824

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

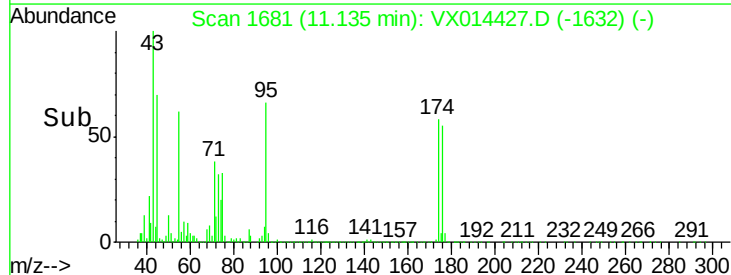
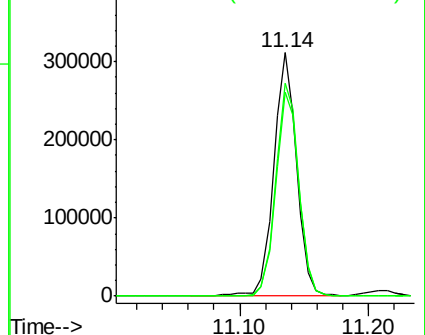
176 85.0 0.0 173.0

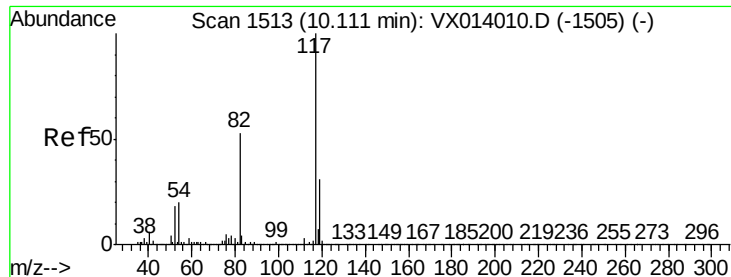


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

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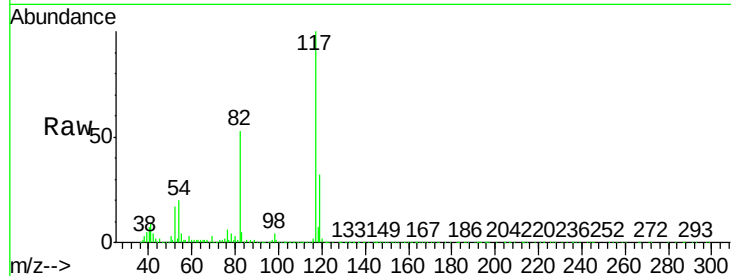
Tgt Ion:117 Resp: 797962

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.4

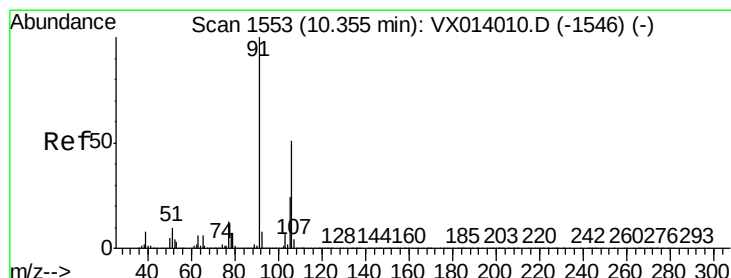
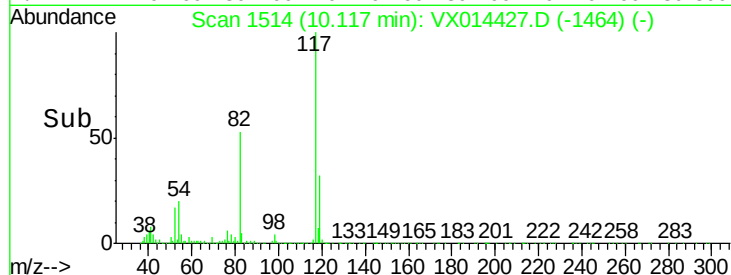
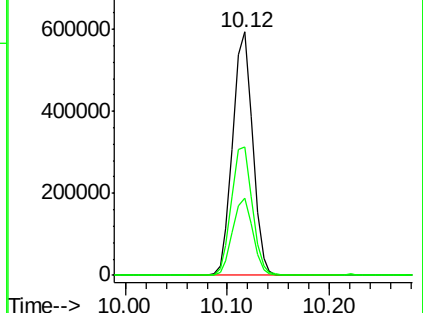
119 31.7 25.1 37.7



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



#68

m/p-Xylenes

Concen: 0.803 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014427.D

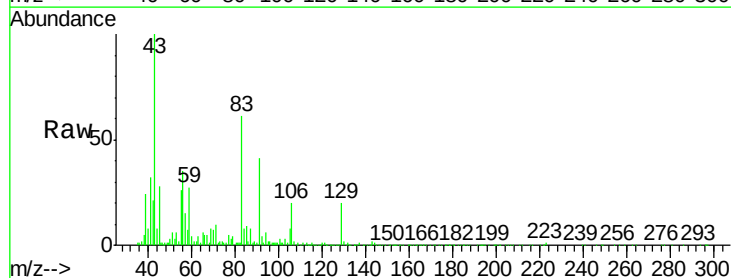
Acq: 06 Jan 2020 15:09

Tgt Ion:106 Resp: 9011

Ion Ratio Lower Upper

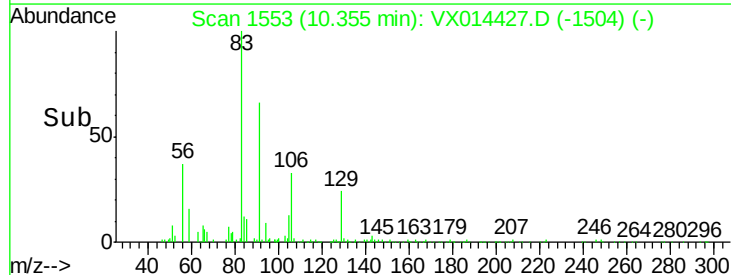
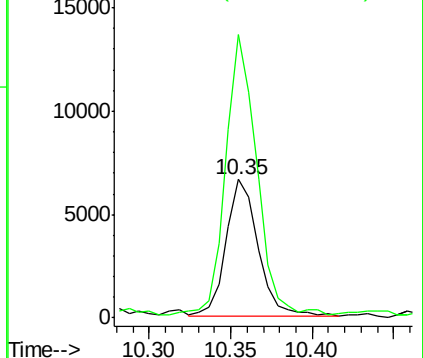
106 100

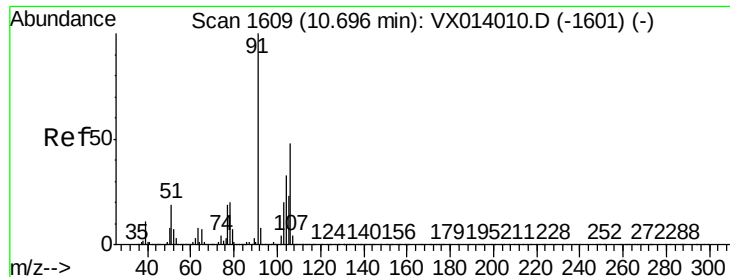
91 198.5 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

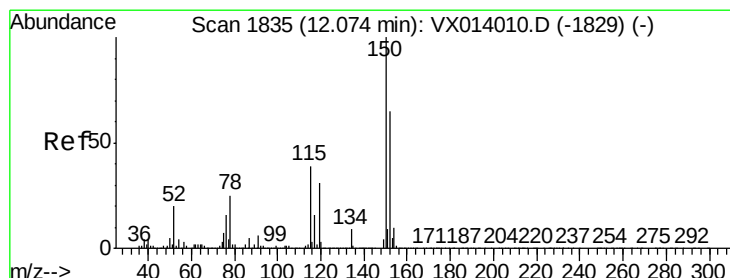
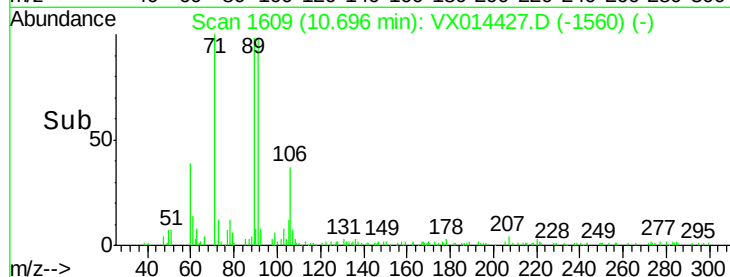
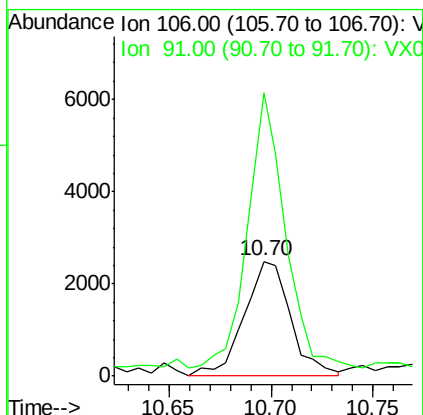
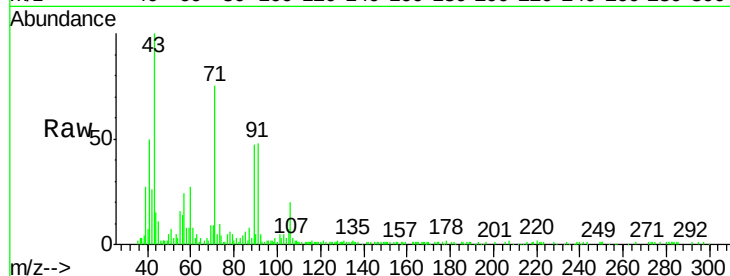




#69
o-Xylene
Concen: 0.359 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014427.D
Acq: 06 Jan 2020 15:09

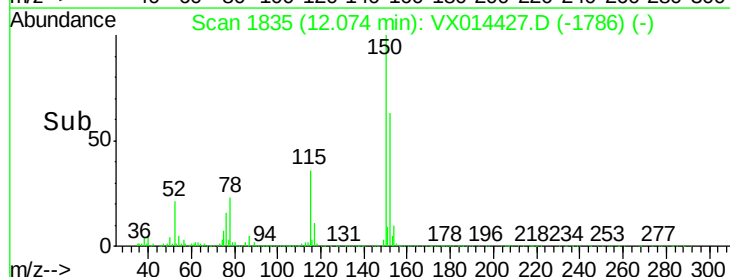
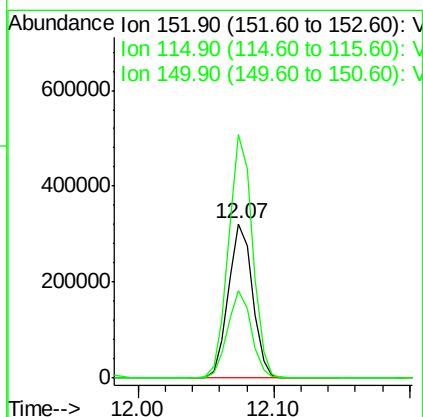
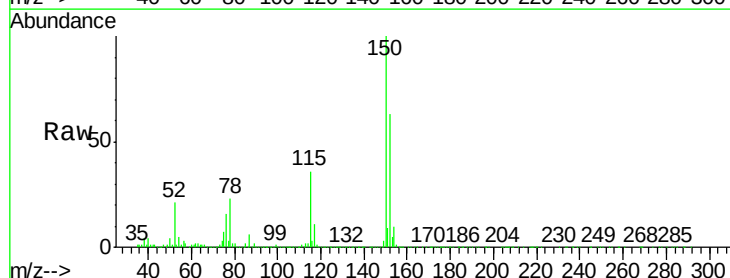
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ClientSampled :
30627

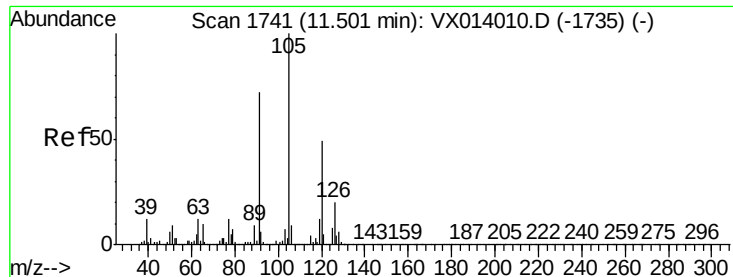
Tgt Ion:106 Resp: 3947
Ion Ratio Lower Upper
106 100
91 192.3 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014427.D
Acq: 06 Jan 2020 15:09

Tgt Ion:152 Resp: 396729
Ion Ratio Lower Upper
152 100
115 55.8 38.3 114.9
150 156.8 0.0 345.4

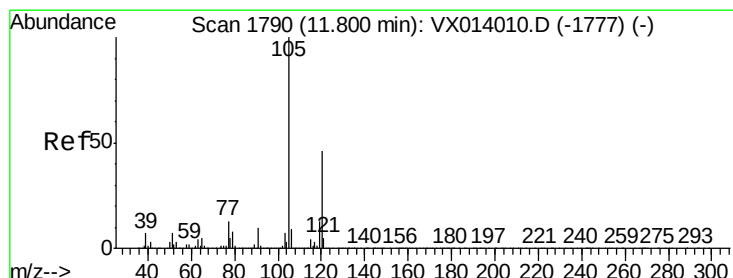
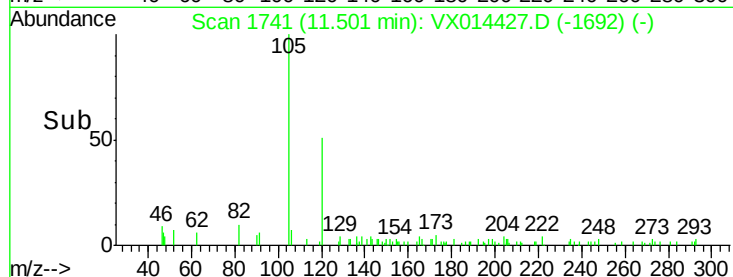
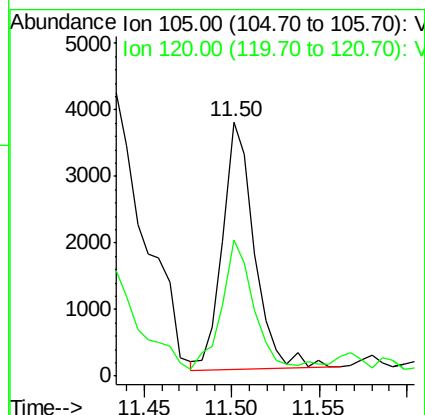
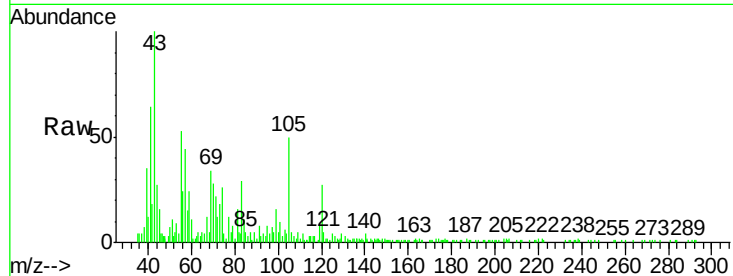




#80
 1,3,5-Trimethylbenzene
 Concen: 0.201 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014427.D
 Acq: 06 Jan 2020 15:09

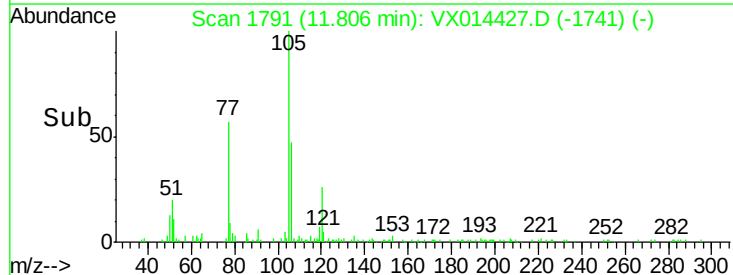
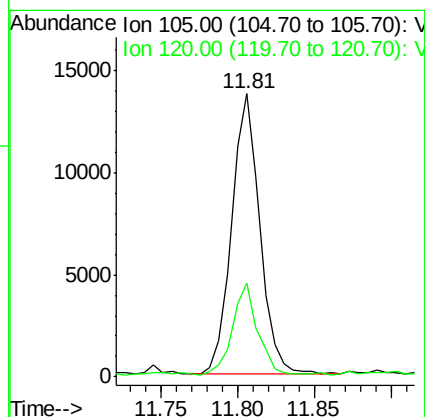
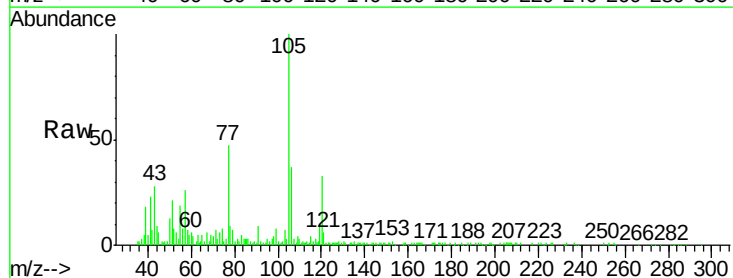
Instrument :
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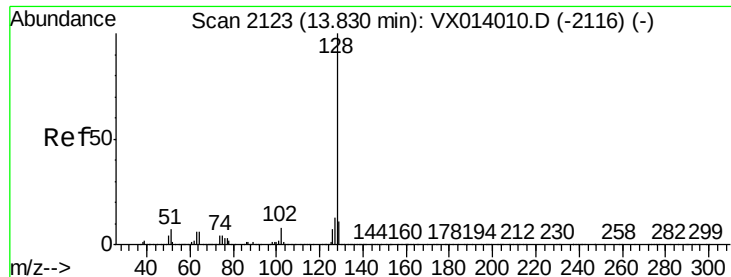
Tgt Ion:105 Resp: 4723
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.739 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014427.D
 Acq: 06 Jan 2020 15:09

Tgt Ion:105 Resp: 17395
 Ion Ratio Lower Upper
 105 100
 120 30.3 23.1 69.2





#95

Naphthalene

Concen: 1.796 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014427.D

Acq: 06 Jan 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

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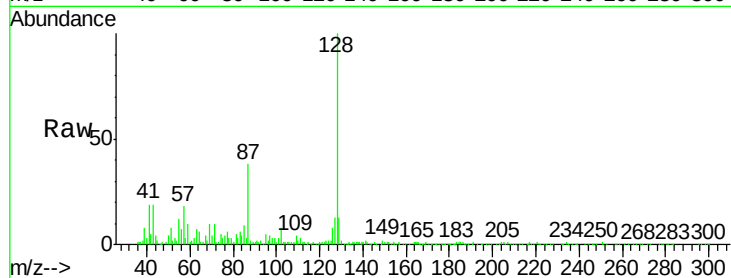
Tgt Ion:128 Resp: 46503

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 11.3 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

