

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013681.D
 Acq On : 28 Nov 2019 03:31
 Operator : JC/SP
 Sample : K6079-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0198

Quant Time: Dec 02 07:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

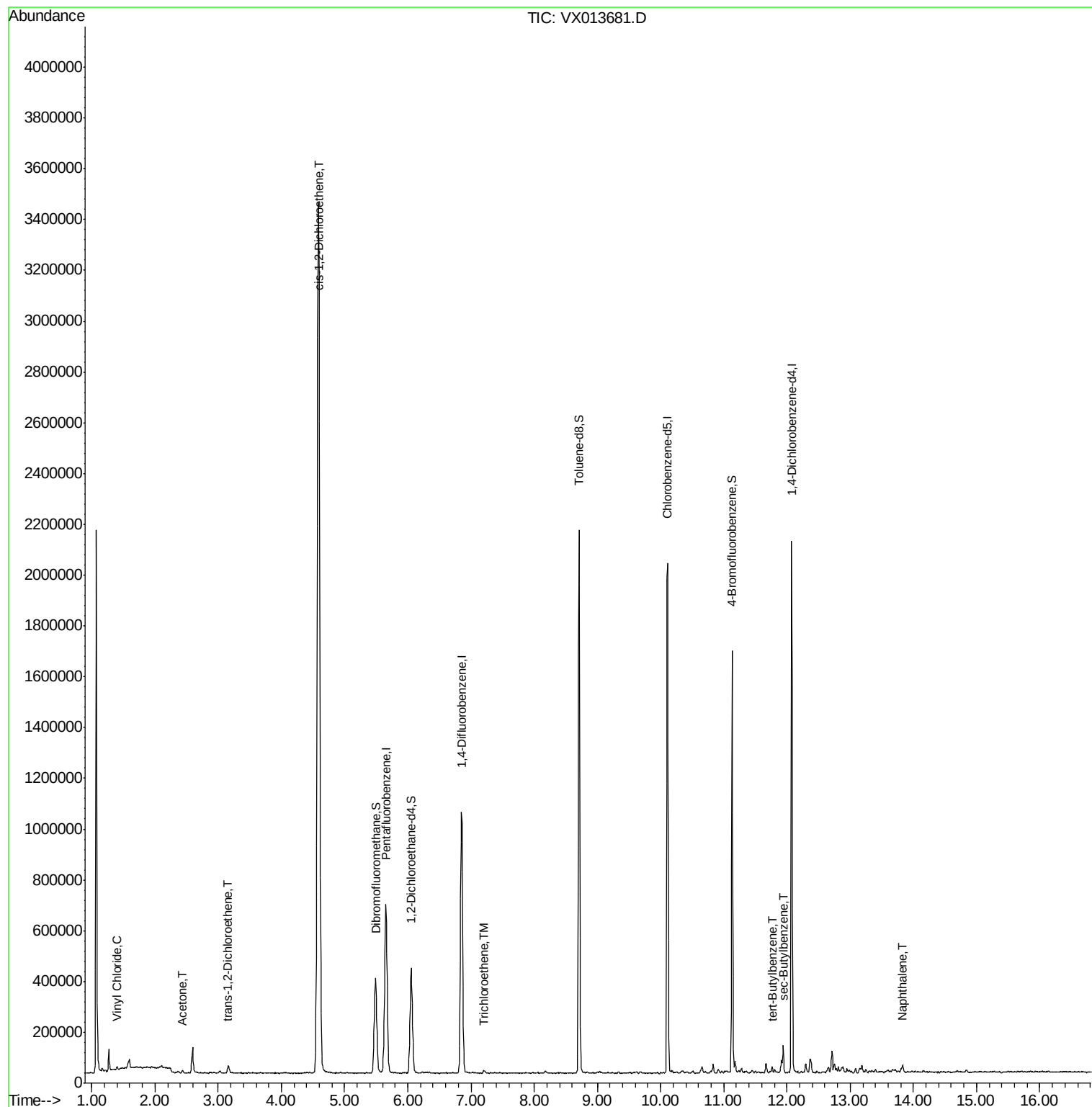
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1074904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	958723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	440349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	384186	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.49	113	320210	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1271292	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.14	95	431201	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	7002	0.724	ug/l #	79
16) Acetone	2.43	43	10986	2.787	ug/l #	88
21) trans-1,2-Dichloroethene	3.16	96	13194	1.850	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	2211440	270.072	ug/l	89
44) Trichloroethene	7.22	130	5873	0.720	ug/l	85
83) tert-Butylbenzene	11.76	119	9932	0.386	ug/l	95
85) sec-Butylbenzene	11.94	105	62169	2.115	ug/l	82
95) Naphthalene	13.83	128	21112	0.708	ug/l #	82

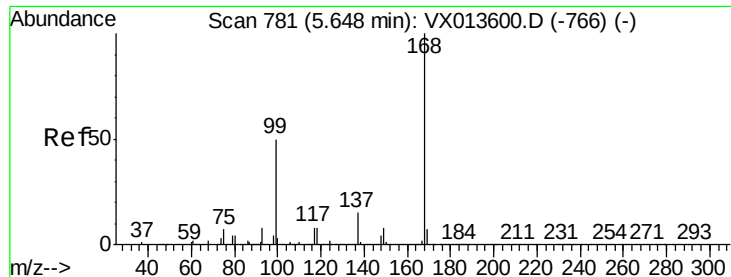
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013681.D

Acq: 28 Nov 2019 03:31

Instrument :

MSVOA_X

ClientSampled :

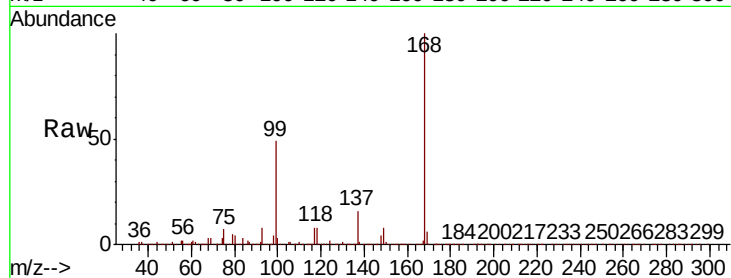
S39-0198

Tot Ion:168 Resp: 687753

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

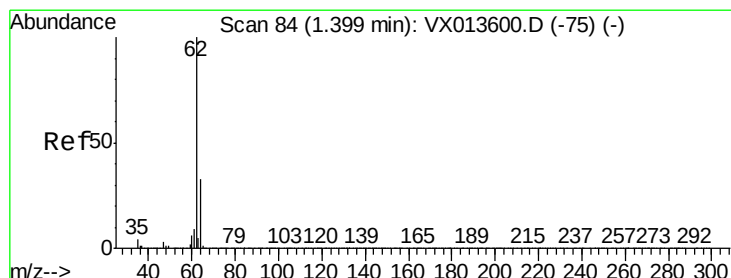
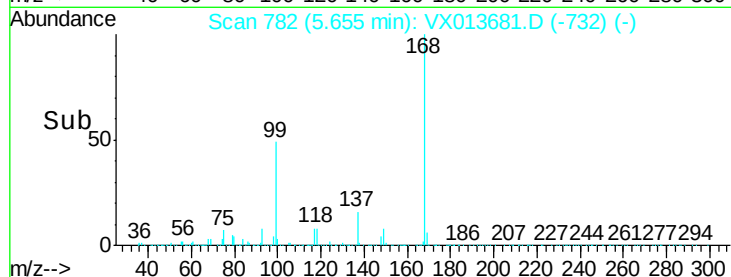
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.724 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013681.D

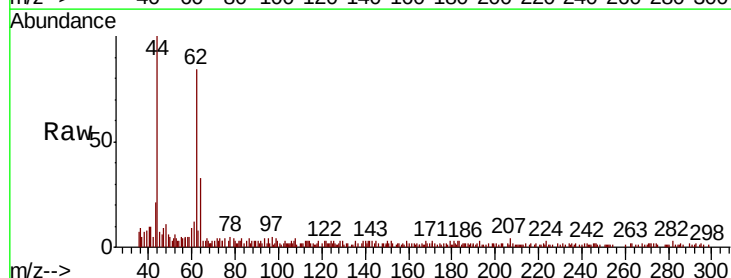
Acq: 28 Nov 2019 03:31

Tgt Ion: 62 Resp: 7002

Ion Ratio Lower Upper

62 100

64 21.0 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

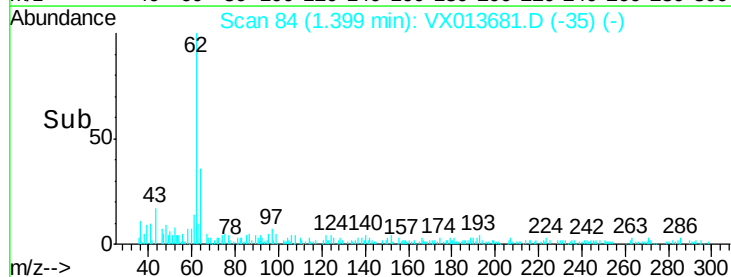
4000

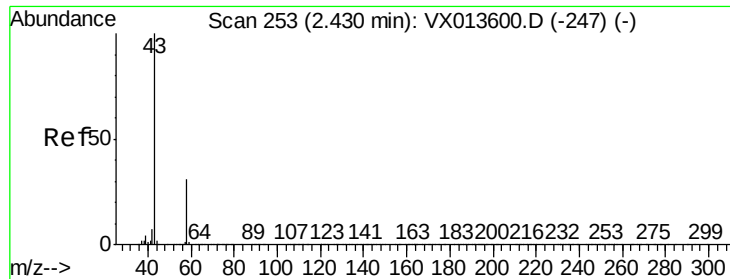
2000

0

Time-->

1.35 1.40 1.45

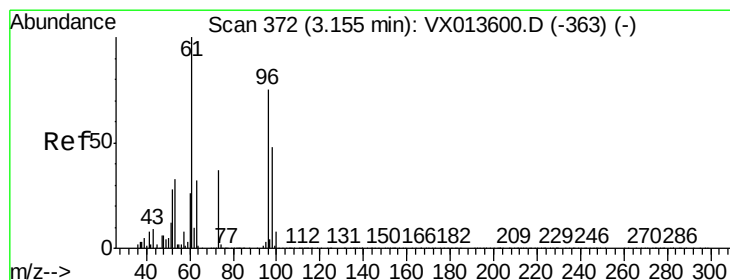
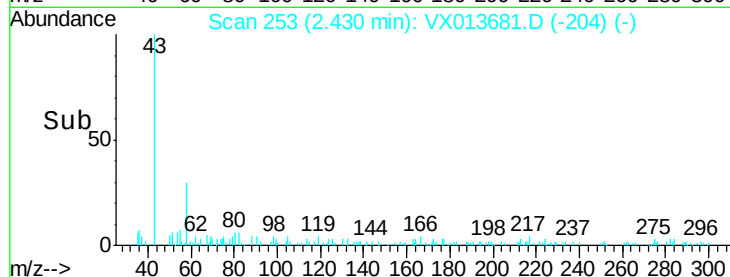
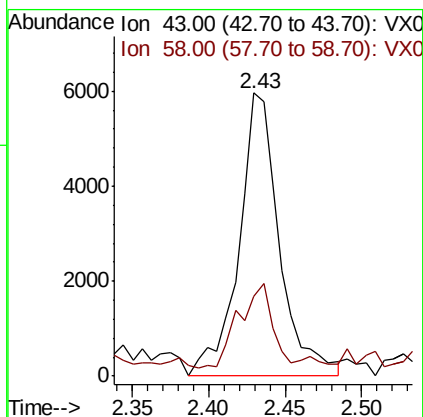
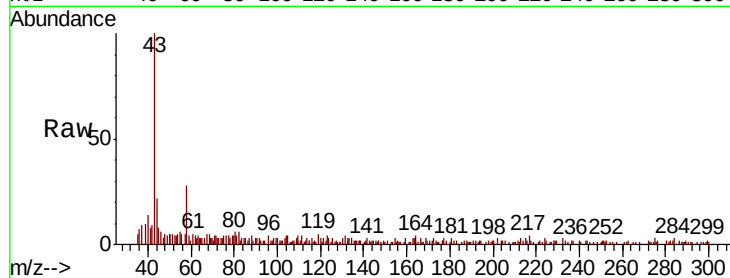




#16
Acetone
Concen: 2.787 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

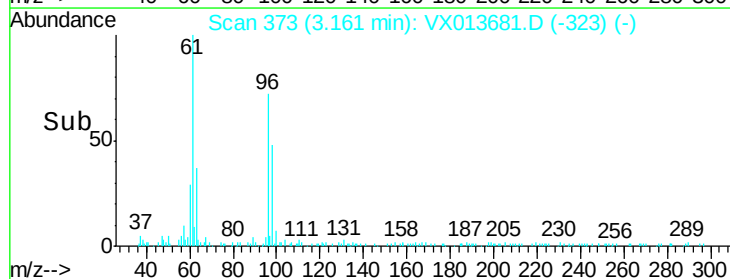
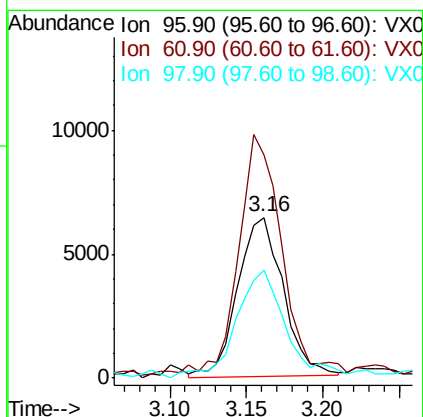
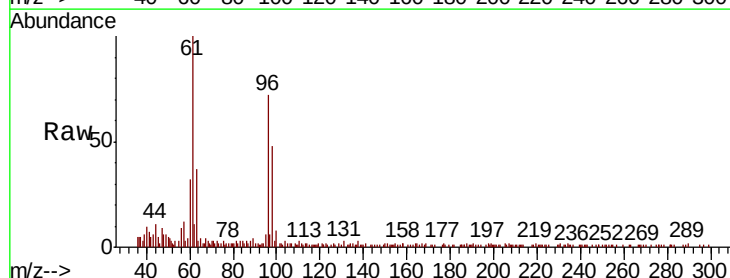
Instrument :
MSVOA_X
ClientSampleId :
S39-0198

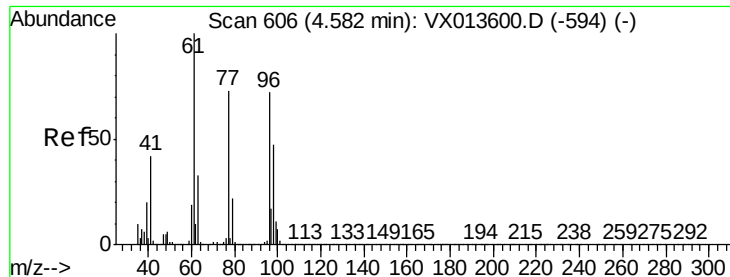
Tot Ion: 43 Resp: 10986
Ion Ratio Lower Upper
43 100
58 24.2 24.6 36.8#



#21
trans-1,2-Dichloroethene
Concen: 1.850 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

Tgt Ion: 96 Resp: 13194
Ion Ratio Lower Upper
96 100
61 134.8 107.2 160.8
98 64.9 51.4 77.0



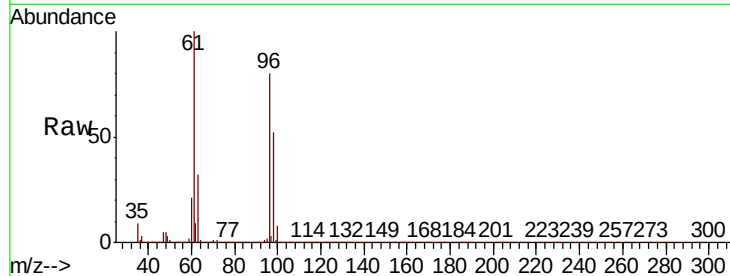


#27

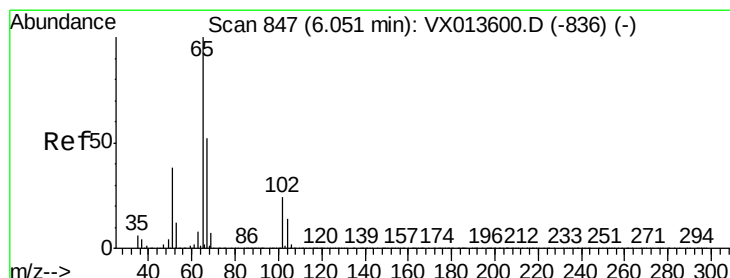
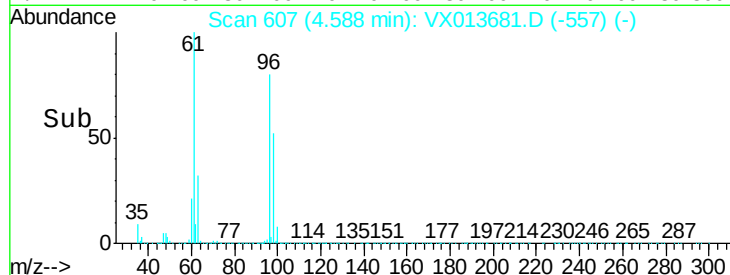
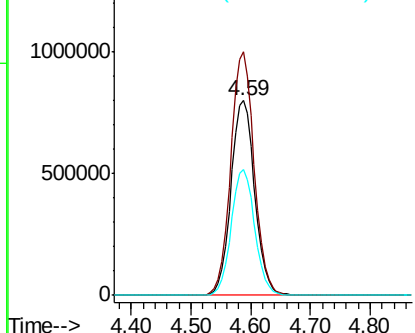
cis-1,2-Dichloroethene
Concen: 270.072 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

Instrument :
MSVOA_X
ClientSampled :
S39-0198

Tot Ion: 96 Resp: 2211440
Ion Ratio Lower Upper
96 100
61 123.5 0.0 286.4
98 64.5 0.0 127.4



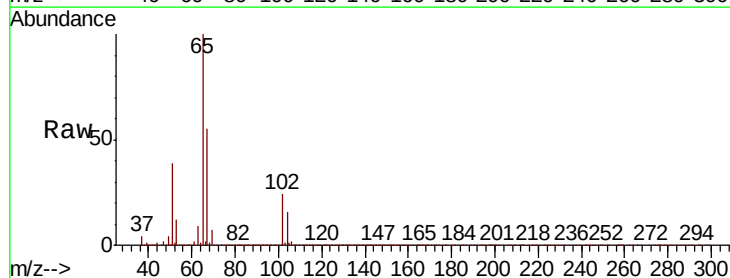
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



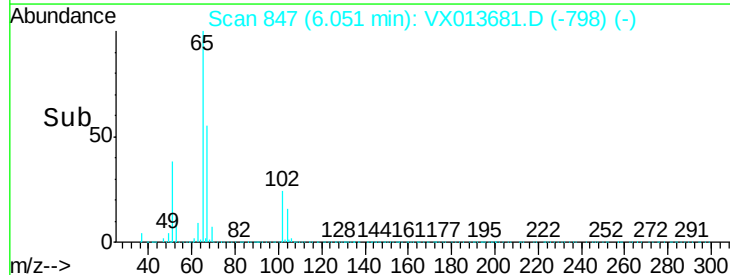
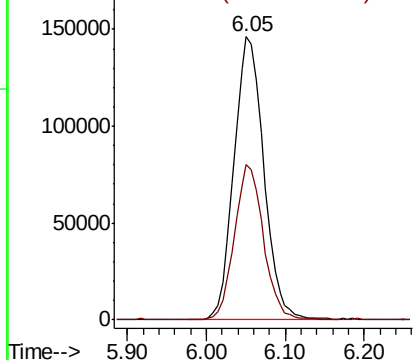
#33

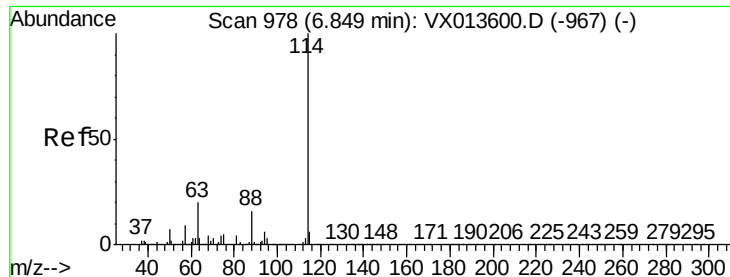
1,2-Dichloroethane-d4
Concen: 48.124 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

Tgt Ion: 65 Resp: 384186
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

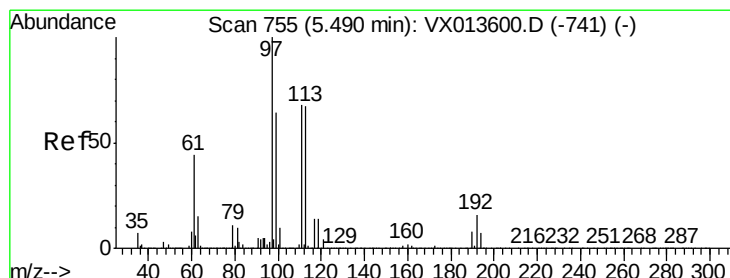
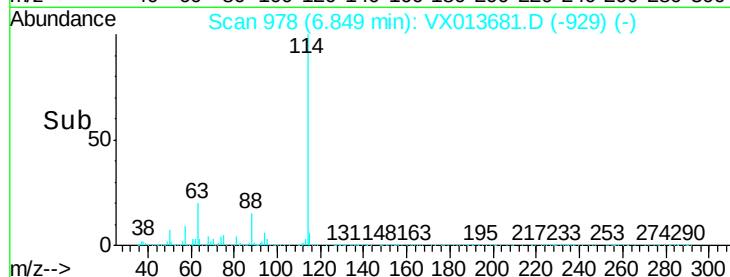
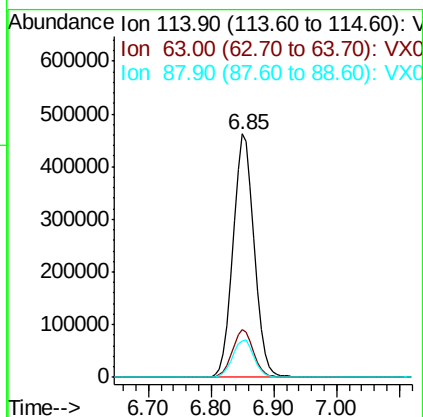
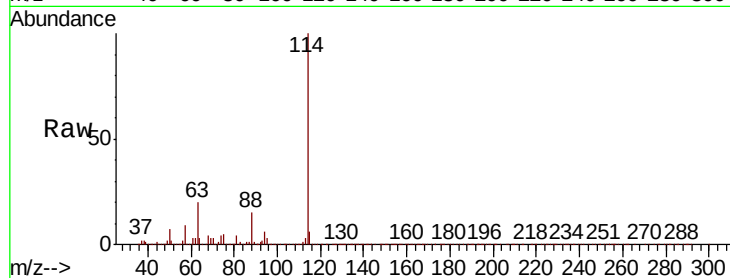




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

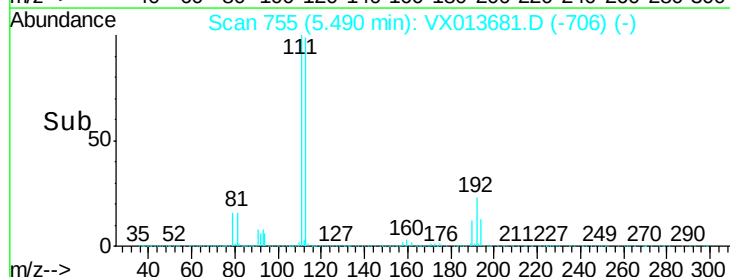
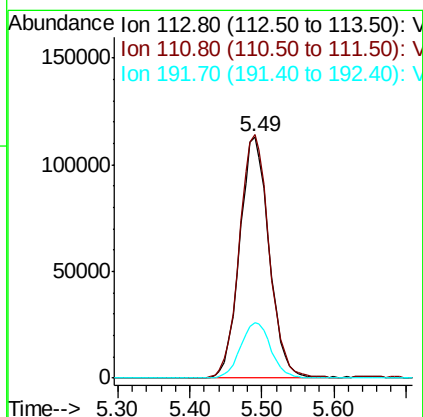
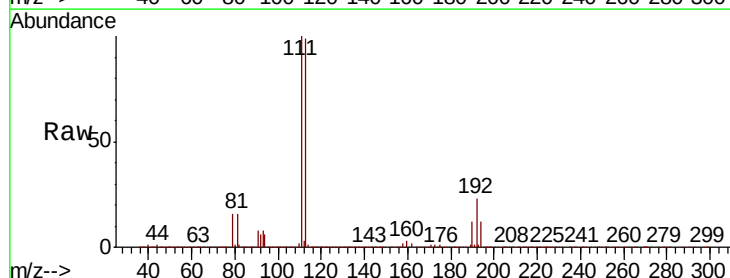
Instrument :
MSVOA_X
ClientSampleId :
S39-0198

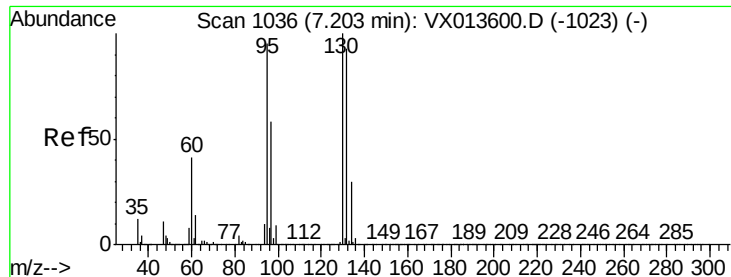
Tot Ion:114 Resp: 1074904
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.187 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

Tgt Ion:113 Resp: 320210
Ion Ratio Lower Upper
113 100
111 101.8 83.6 125.4
192 23.3 19.2 28.8





#44

Trichloroethene

Concen: 0.720 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013681.D

Acq: 28 Nov 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

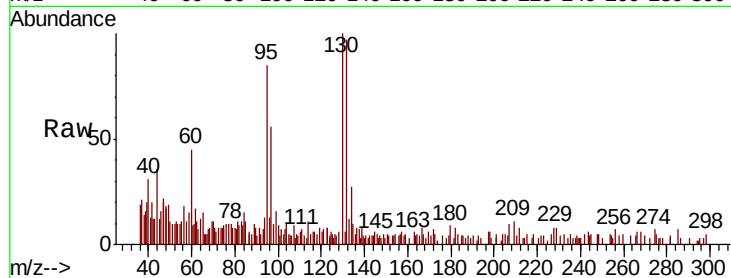
S39-0198

Tot Ion:130 Resp: 5873

Ion Ratio Lower Upper

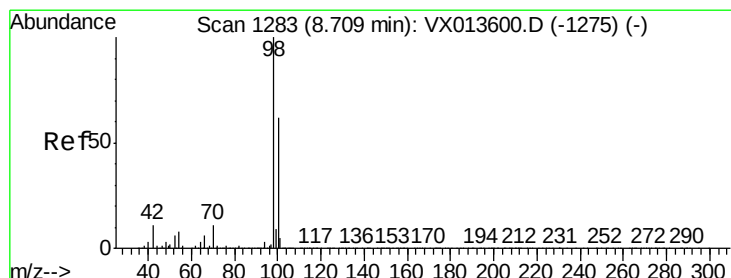
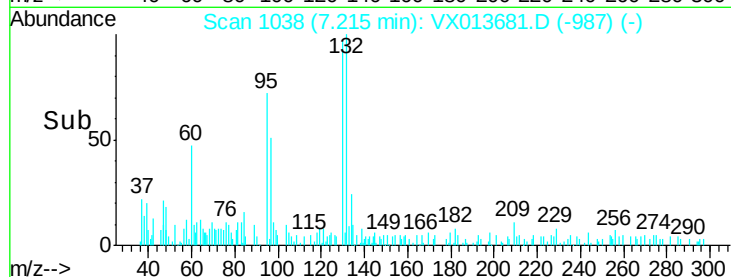
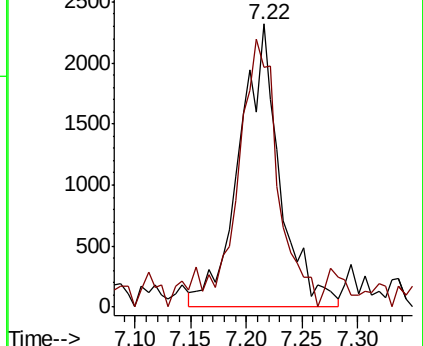
130 100

95 80.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.103 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013681.D

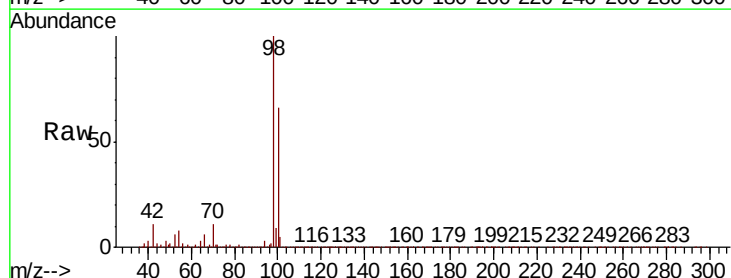
Acq: 28 Nov 2019 03:31

Tgt Ion: 98 Resp: 1271292

Ion Ratio Lower Upper

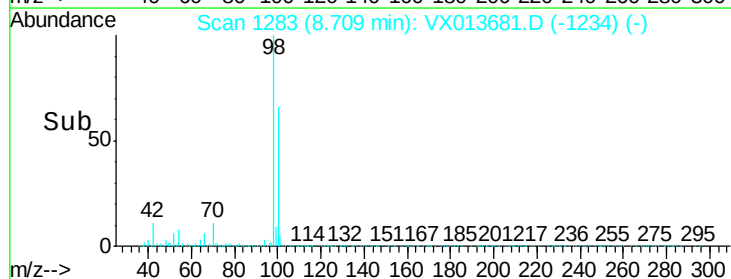
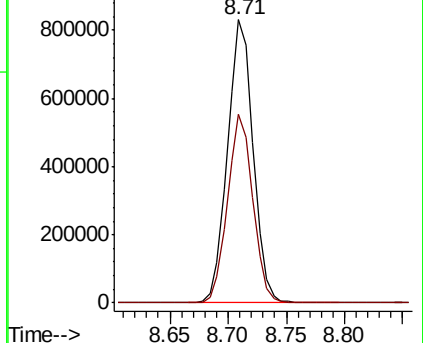
98 100

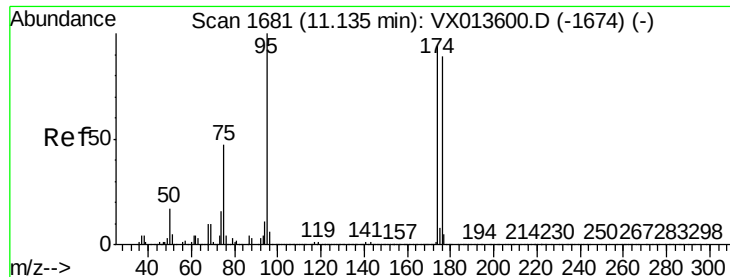
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.186 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013681.D

Acq: 28 Nov 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0198

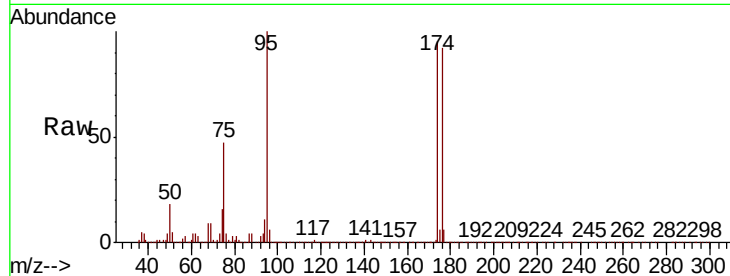
Tot Ion: 95 Resp: 431201

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

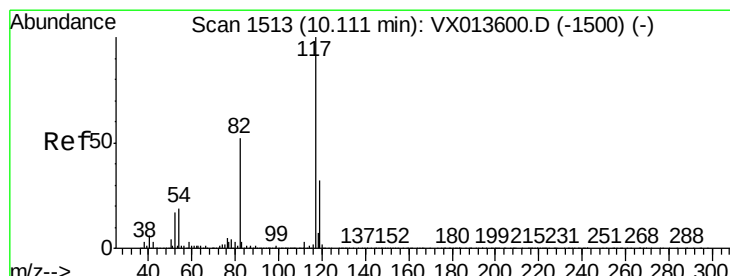
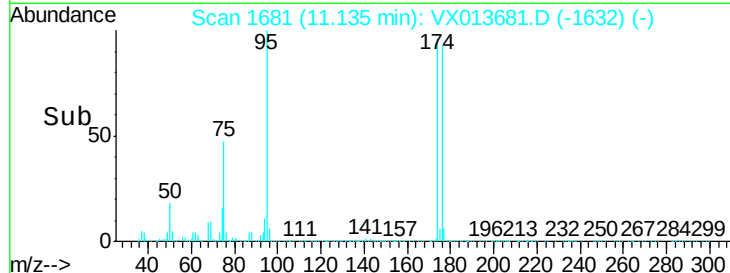
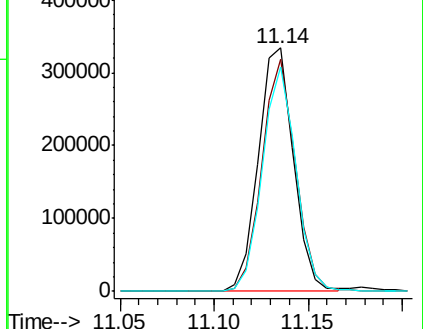
176 88.4 0.0 173.6



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: VX013681.D

Acq: 28 Nov 2019 03:31

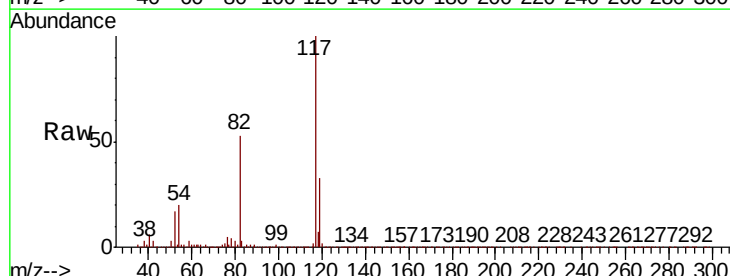
Tgt Ion: 117 Resp: 958723

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

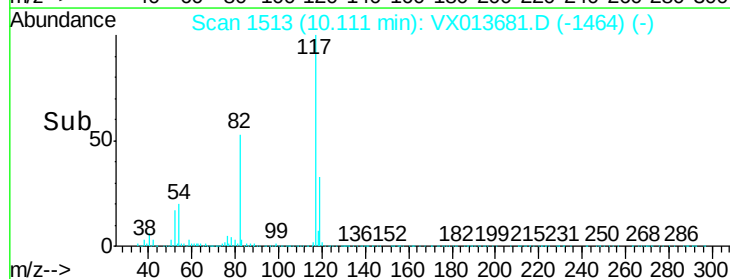
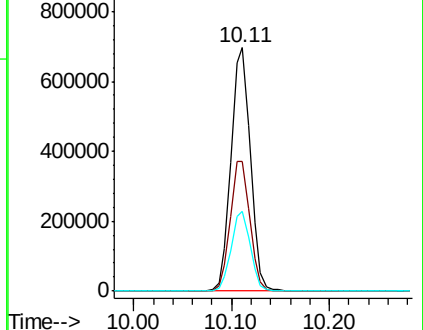
119 32.8 25.8 38.8

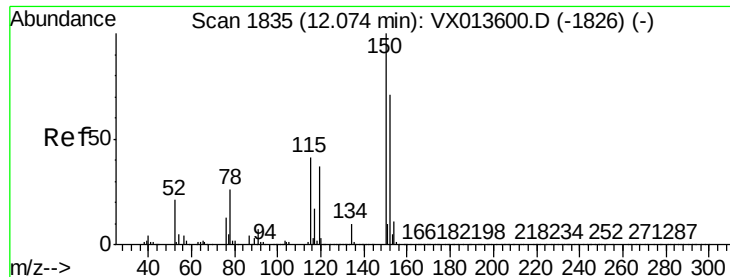


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

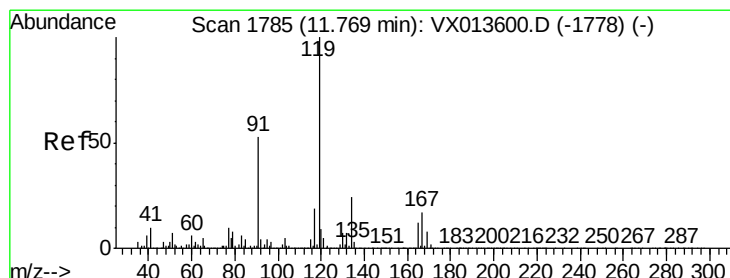
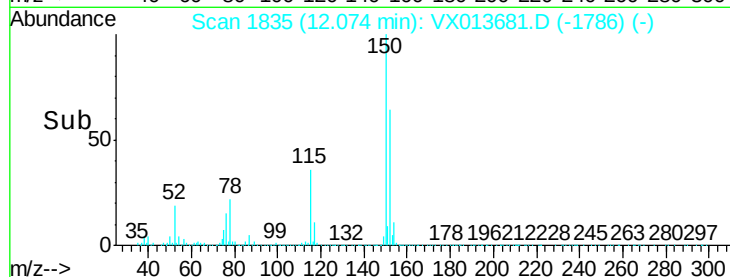
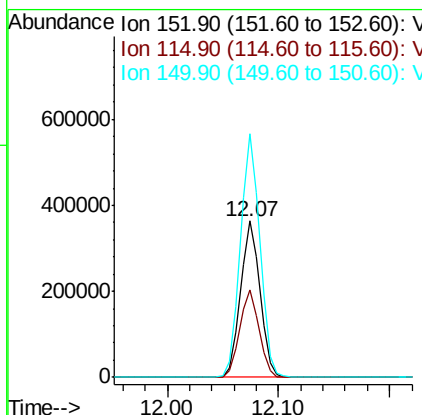
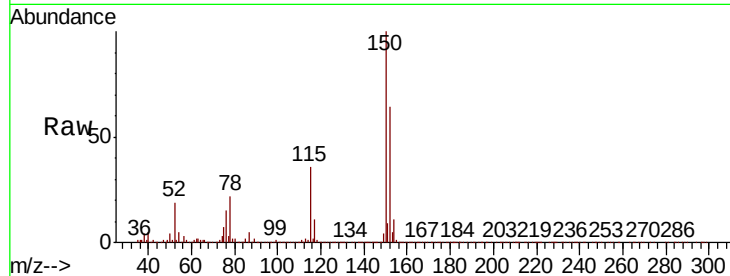




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

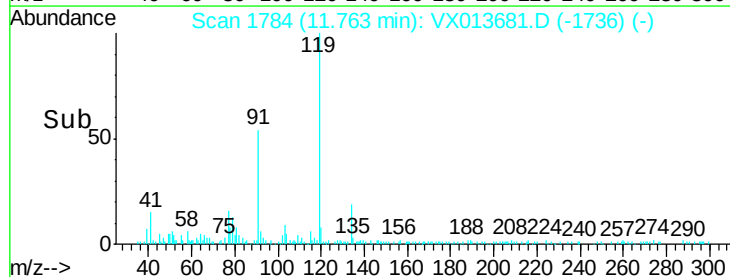
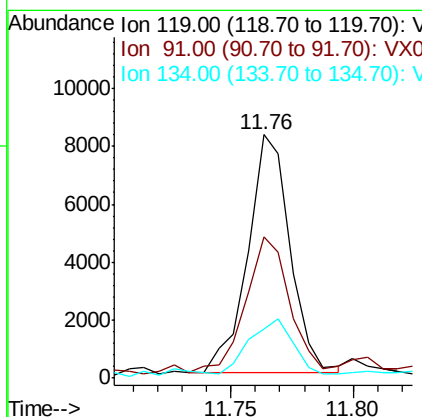
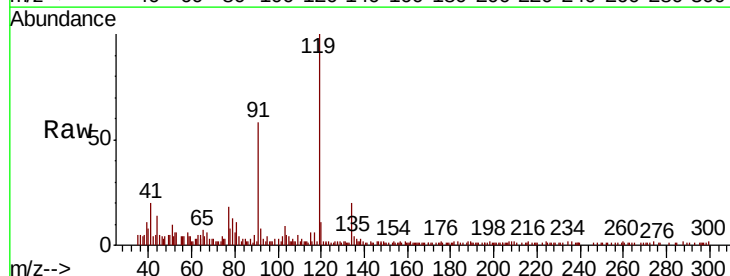
Instrument :
MSVOA_X
ClientSampleId :
S39-0198

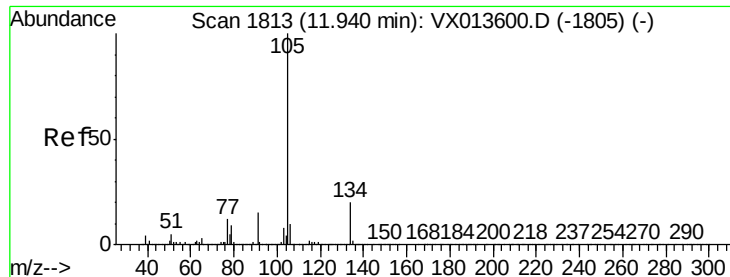
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.4	115.1
150	155.7	0.0	346.8



#83
tert-Butylbenzene
Concen: 0.386 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013681.D
Acq: 28 Nov 2019 03:31

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.6	27.2	81.6
134	23.1	11.7	35.1





#85

sec-Butylbenzene

Concen: 2.115 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013681.D

Acq: 28 Nov 2019 03:31

Instrument :

MSVOA_X

ClientSampled :

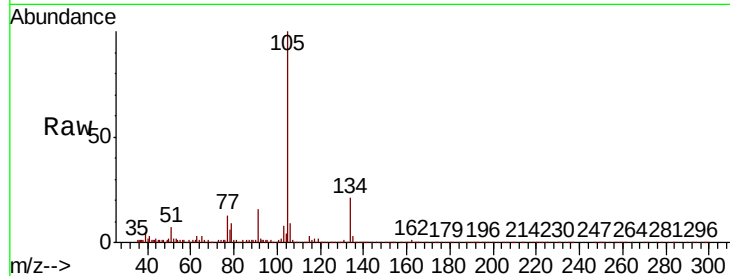
S39-0198

Tot Ion:105 Resp: 62169

Ion Ratio Lower Upper

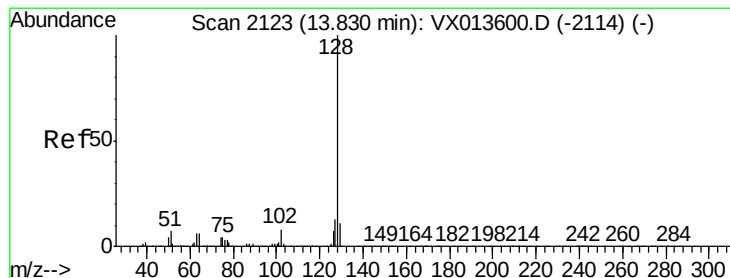
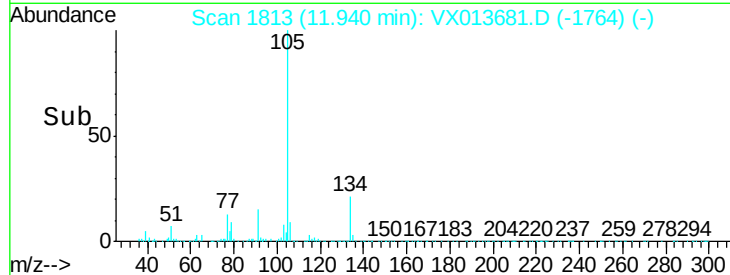
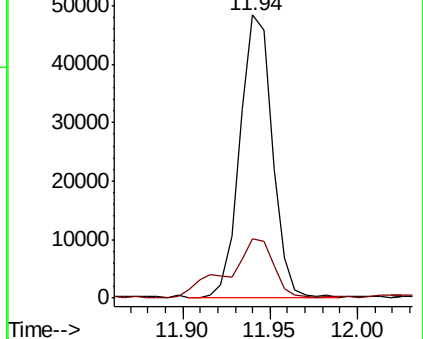
105 100

134 29.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.708 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013681.D

Acq: 28 Nov 2019 03:31

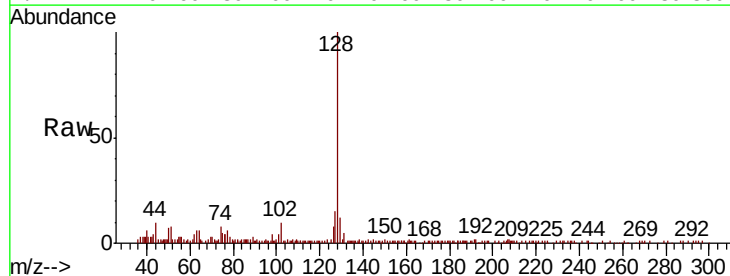
Tgt Ion:128 Resp: 21112

Ion Ratio Lower Upper

128 100

127 17.1 10.3 15.5#

129 21.4 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

