

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013682.D
 Acq On : 28 Nov 2019 03:54
 Operator : JC/SP
 Sample : K6079-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0199

Quant Time: Dec 02 07:29:08 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

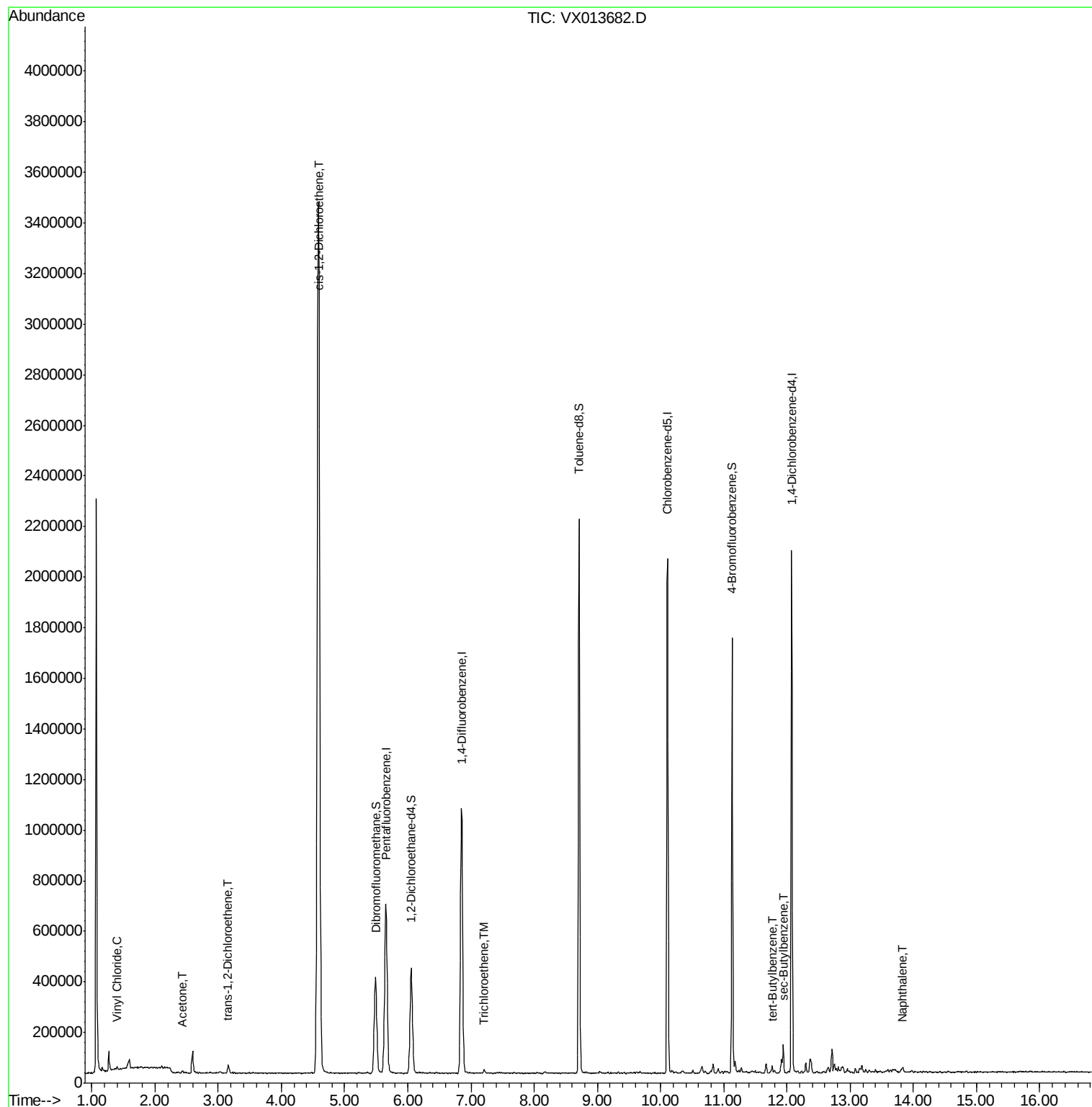
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	703069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1097599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	967673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	434324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	394636	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	5.49	113	328010	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	1297353	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.14	95	434343	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6150	0.622	ug/l #	82
16) Acetone	2.43	43	7381	1.832	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	13616	1.868	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	2205105	263.432	ug/l	89
44) Trichloroethene	7.20	130	5288	0.635	ug/l	59
83) tert-Butylbenzene	11.77	119	9886	0.390	ug/l #	80
85) sec-Butylbenzene	11.94	105	61721	2.129	ug/l #	77
95) Naphthalene	13.83	128	15650	0.532	ug/l #	95

(#) = 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: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampled :

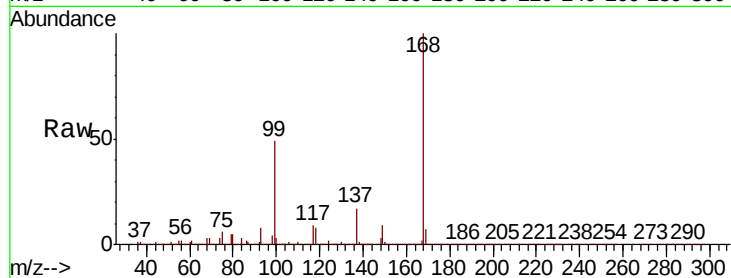
S39-0199

Tot Ion:168 Resp: 703069

Ion Ratio Lower Upper

168 100

99 49.0 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

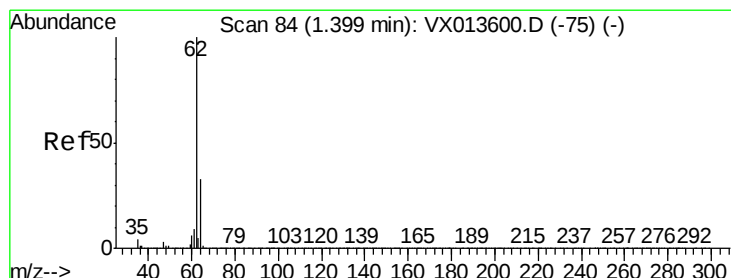
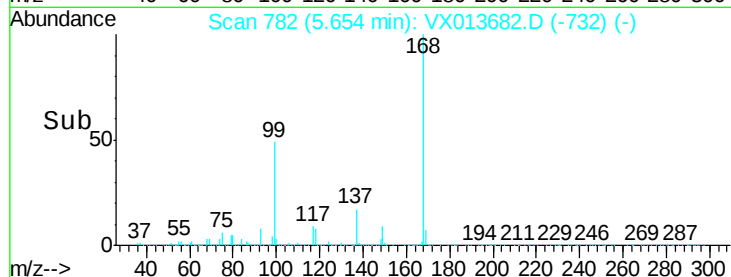
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.622 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013682.D

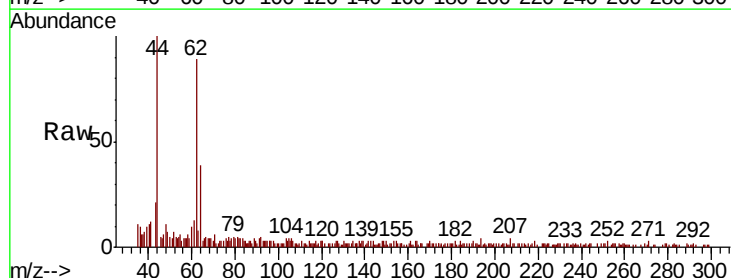
Acq: 28 Nov 2019 03:54

Tgt Ion: 62 Resp: 6150

Ion Ratio Lower Upper

62 100

64 22.6 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

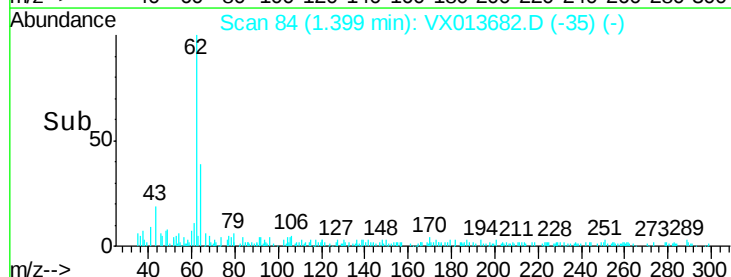
6000

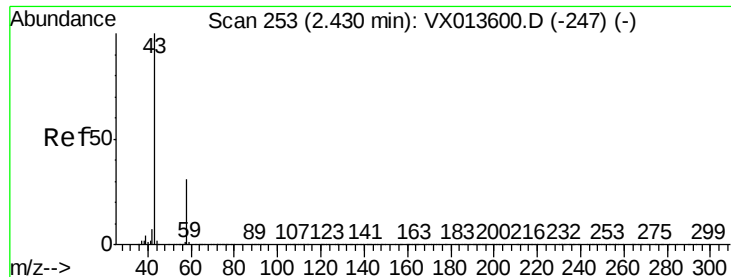
4000

2000

0

Time-->





#16

Acetone

Concen: 1.832 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampled :

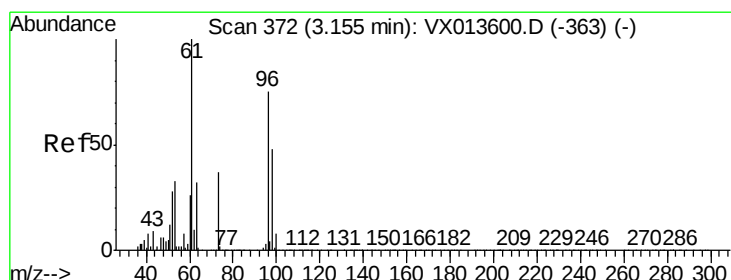
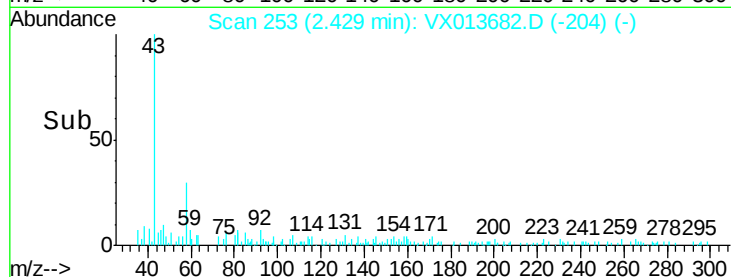
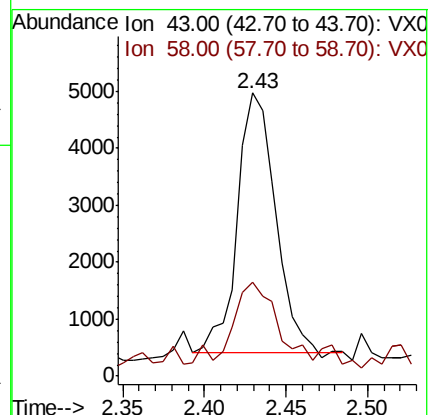
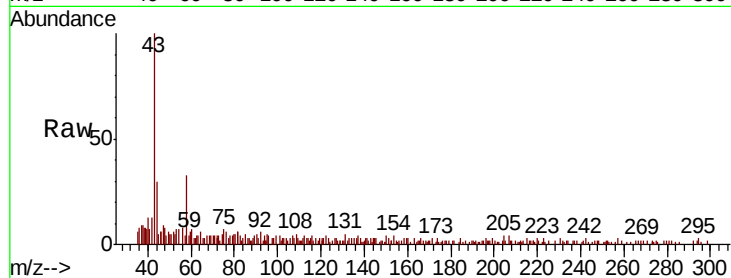
S39-0199

Tot Ion: 43 Resp: 7381

Ion Ratio Lower Upper

43 100

58 30.9 24.6 36.8



#21

trans-1,2-Dichloroethene

Concen: 1.868 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

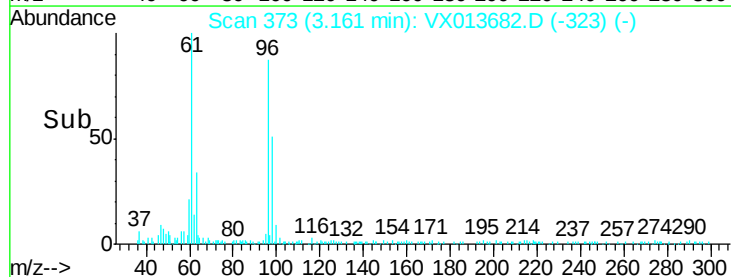
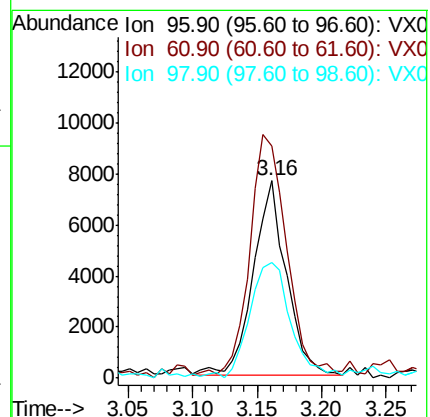
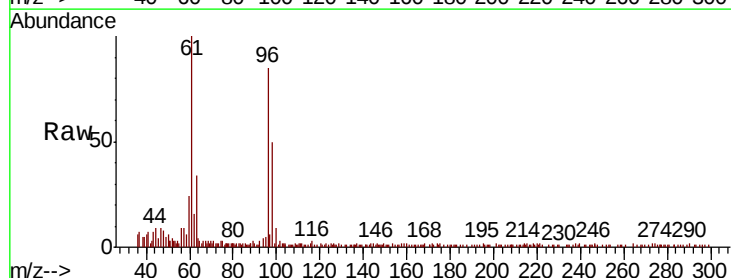
Tgt Ion: 96 Resp: 13616

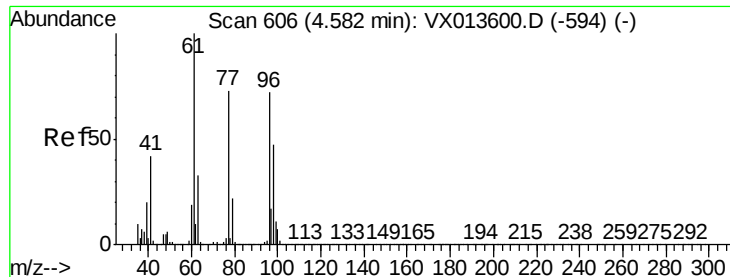
Ion Ratio Lower Upper

96 100

61 118.4 107.2 160.8

98 58.2 51.4 77.0



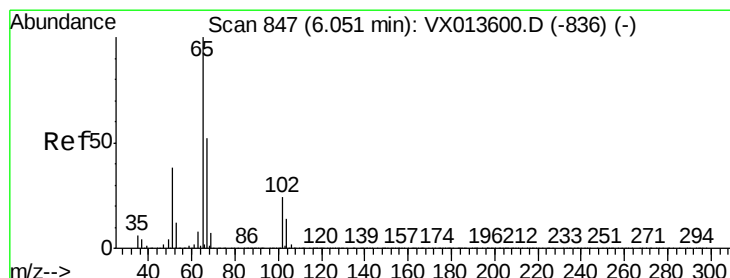
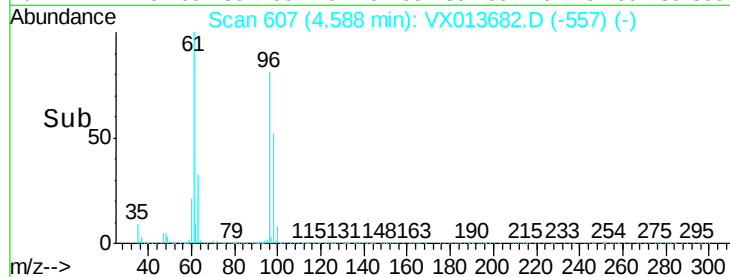
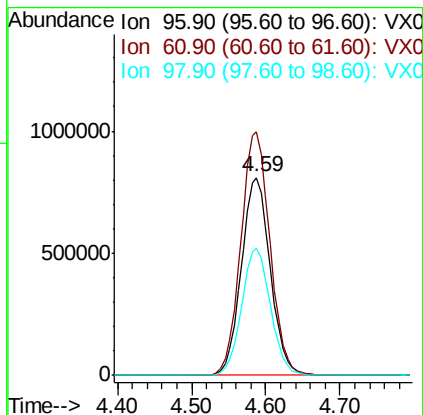
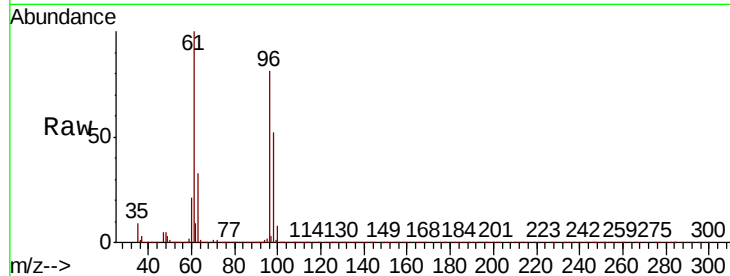


#27

cis-1,2-Dichloroethene
Concen: 263.432 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013682.D
Acq: 28 Nov 2019 03:54

Instrument :
MSVOA_X
ClientSampleId :
S39-0199

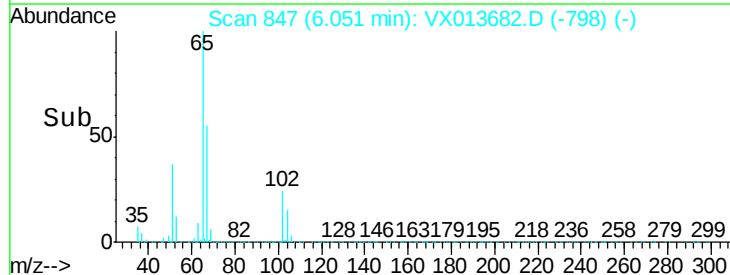
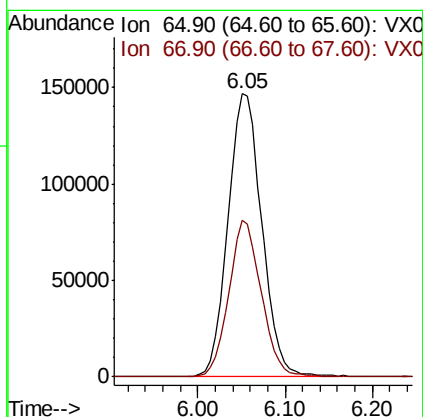
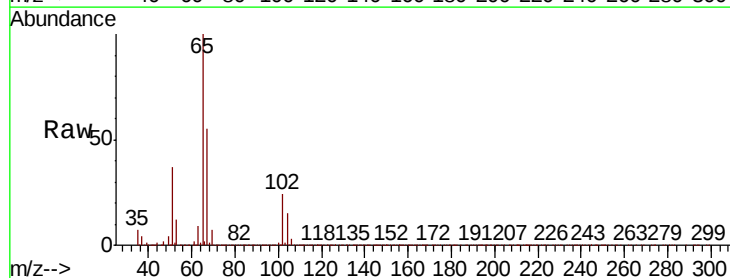
Tot Ion: 96 Resp: 2205105
Ion Ratio Lower Upper
96 100
61 123.9 0.0 286.4
98 64.2 0.0 127.4

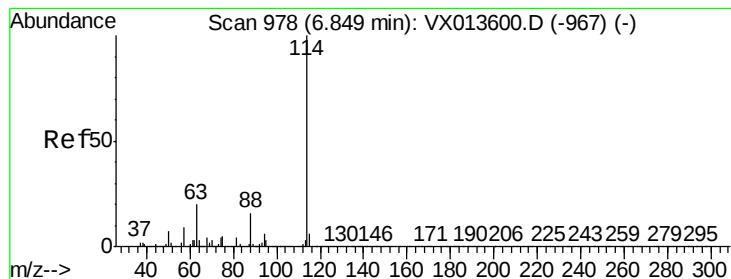


#33

1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013682.D
Acq: 28 Nov 2019 03:54

Tgt Ion: 65 Resp: 394636
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampleId :

S39-0199

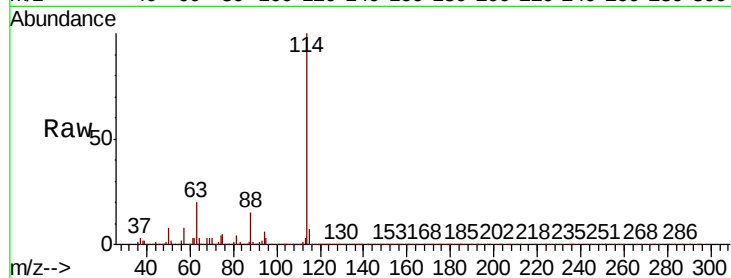
Tot Ion:114 Resp: 1097599

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

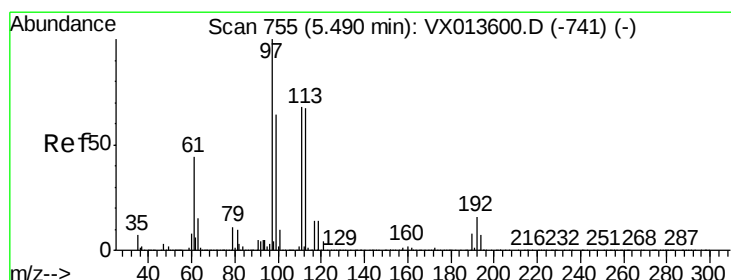
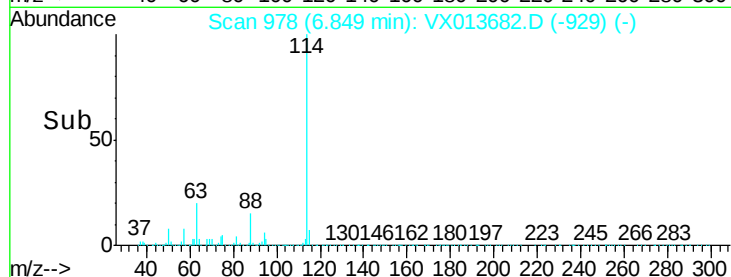
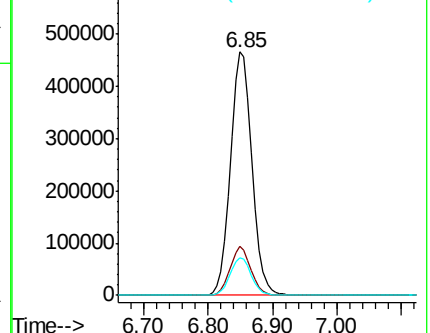
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.340 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

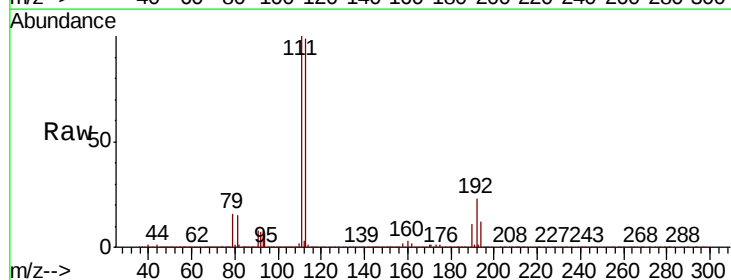
Tgt Ion:113 Resp: 328010

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

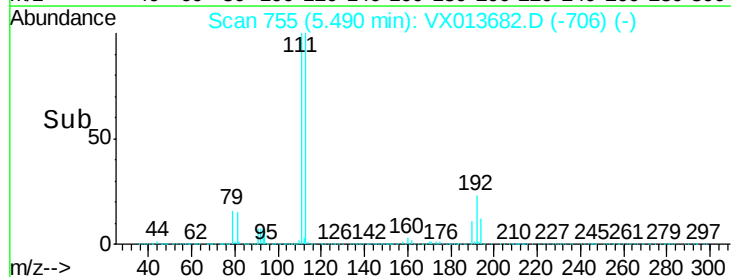
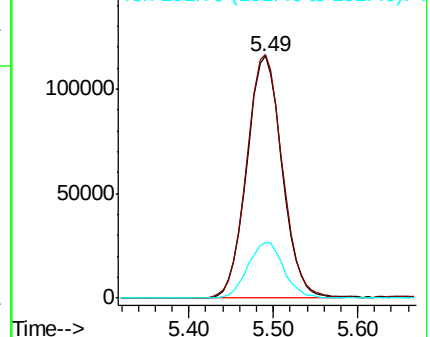
192 23.6 19.2 28.8

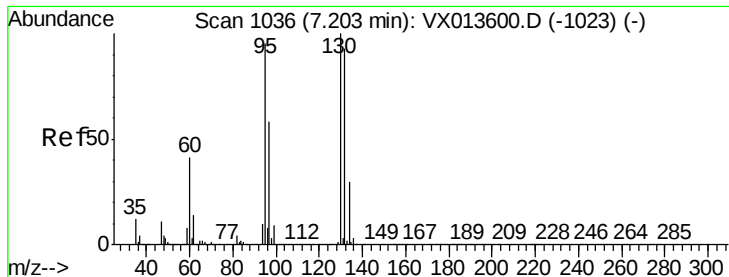


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.635 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampled :

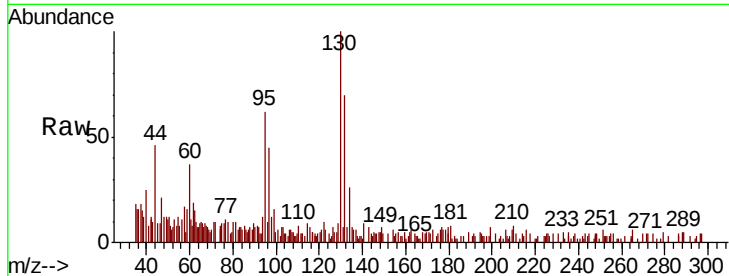
S39-0199

Tot Ion:130 Resp: 5288

Ion Ratio Lower Upper

130 100

95 55.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

2500

2000

1500

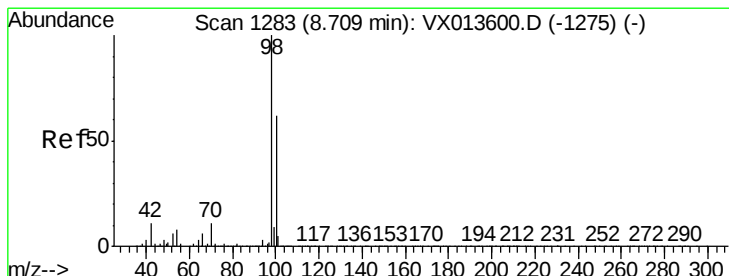
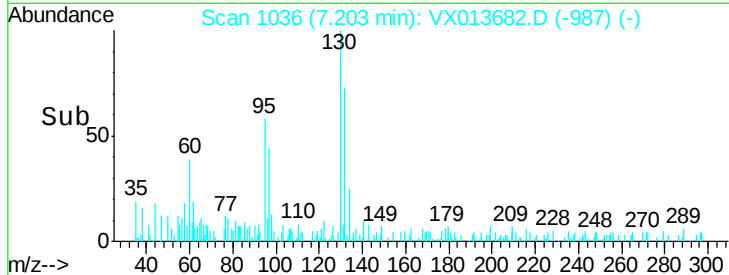
1000

500

0

7.10 7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.073 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013682.D

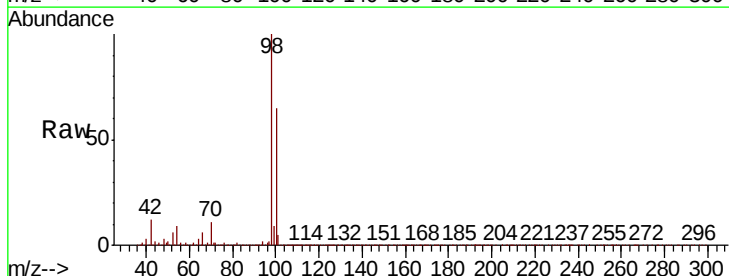
Acq: 28 Nov 2019 03:54

Tgt Ion: 98 Resp: 1297353

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

1000000

800000

600000

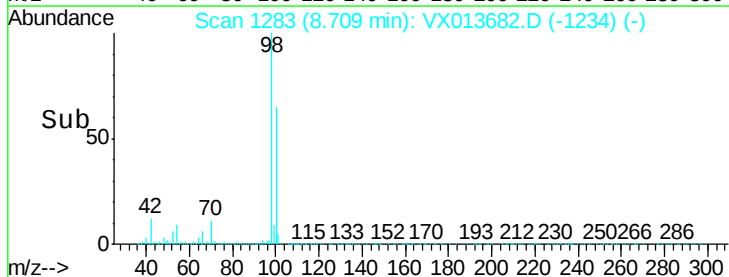
400000

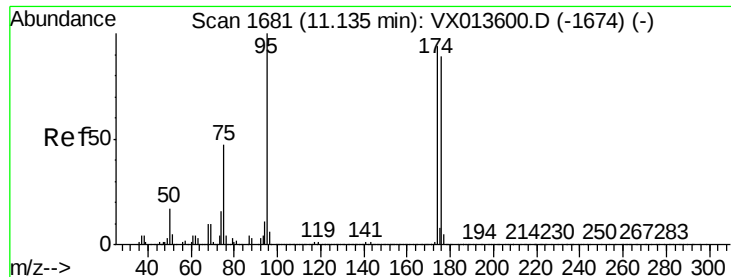
200000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 45.561 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampleId :

S39-0199

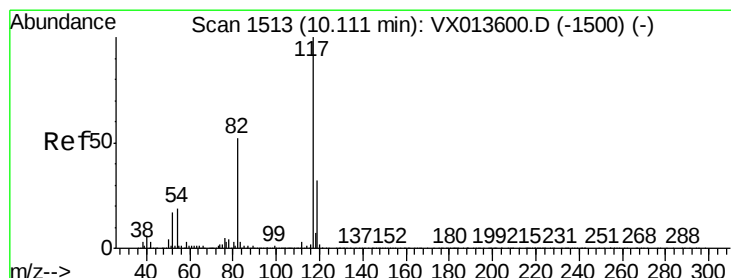
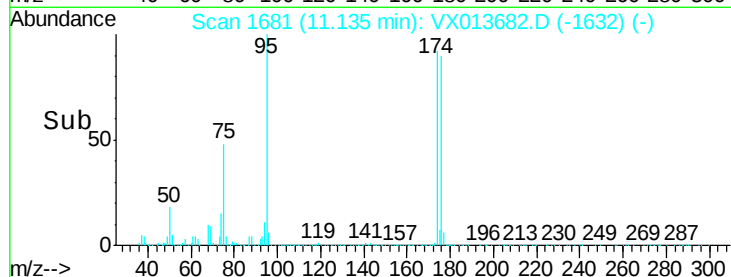
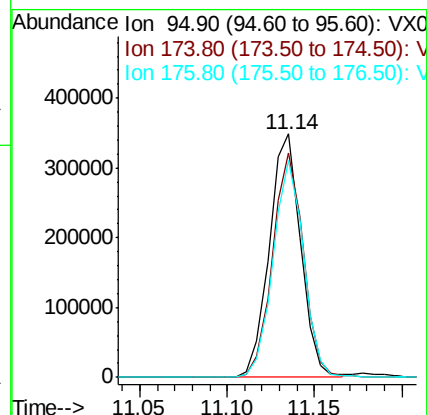
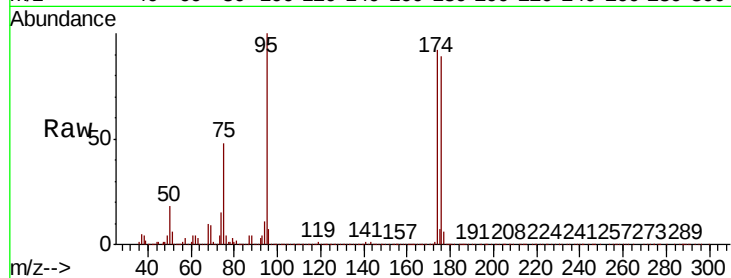
Tot Ion: 95 Resp: 434343

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

176 87.5 0.0 173.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

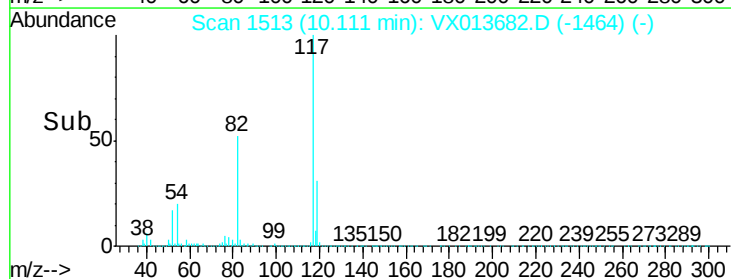
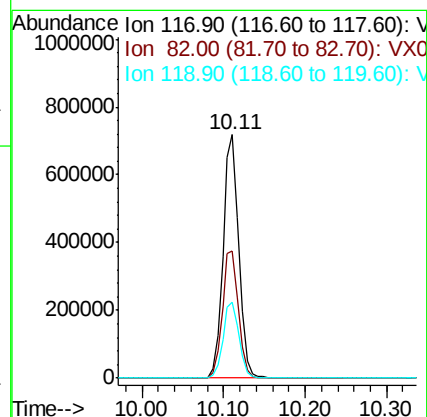
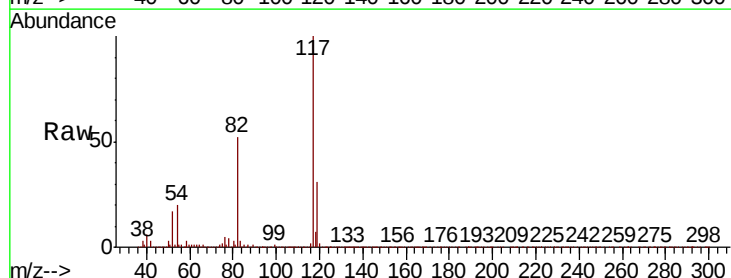
Tgt Ion: 117 Resp: 967673

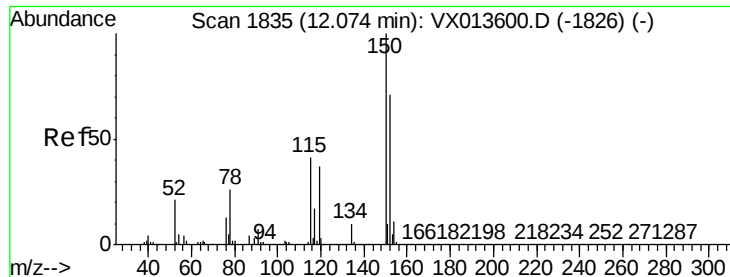
Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

119 31.4 25.8 38.8



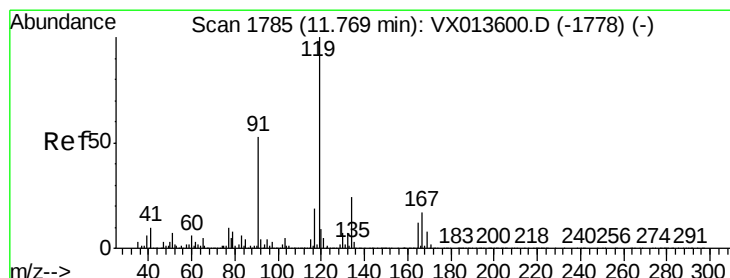
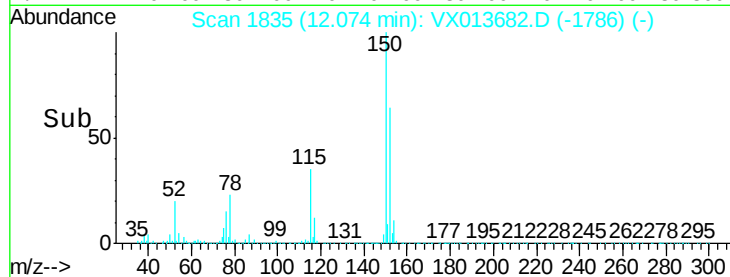
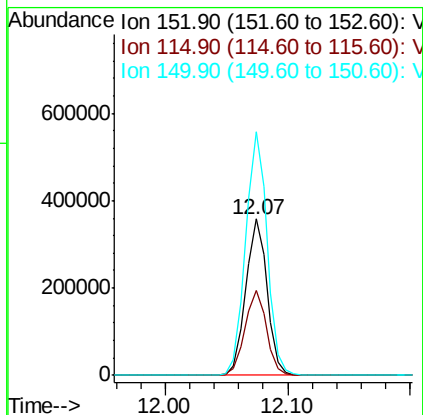
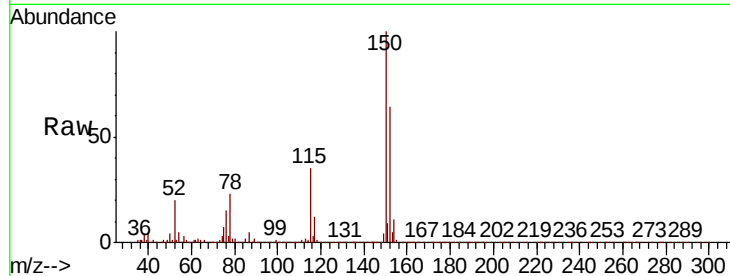


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013682.D
Acq: 28 Nov 2019 03:54

Instrument :
MSVOA_X
ClientSampleId :
S39-0199

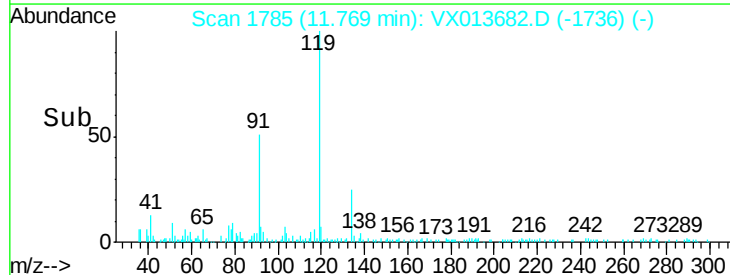
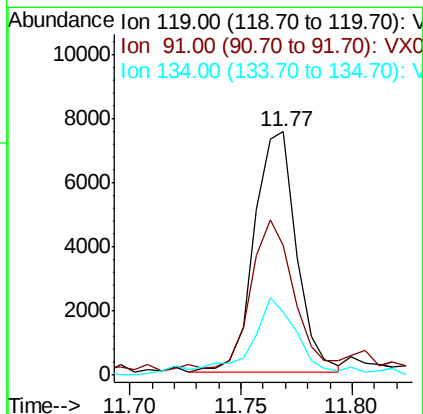
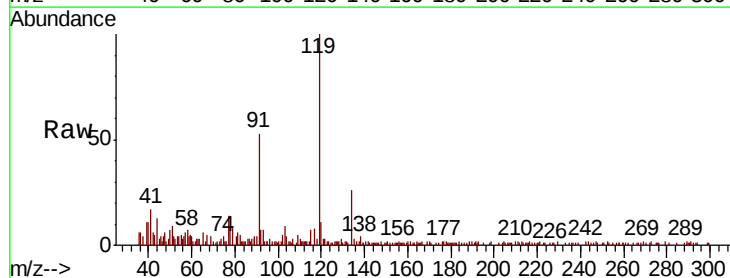
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	156.8	0.0	346.8

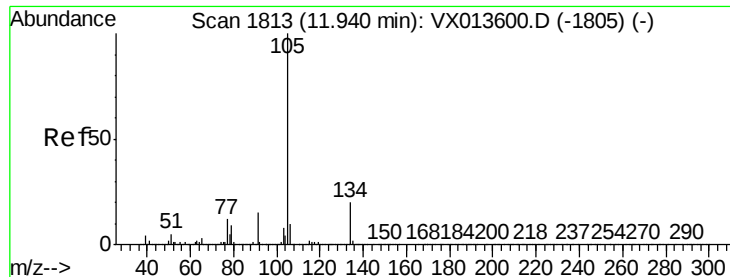


#83

tert-Butylbenzene
Concen: 0.390 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013682.D
Acq: 28 Nov 2019 03:54

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.9	27.2	81.6
134	39.2	11.7	35.1





#85

sec-Butylbenzene

Concen: 2.129 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

Instrument :

MSVOA_X

ClientSampleId :

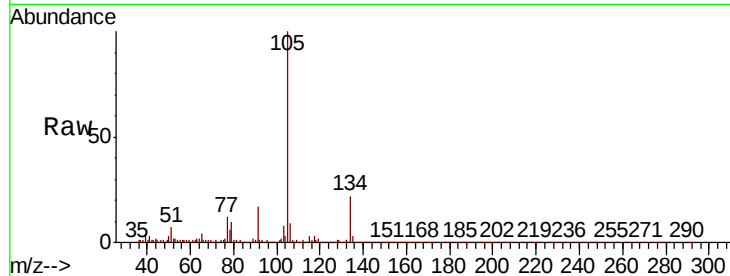
S39-0199

Tot Ion:105 Resp: 61721

Ion Ratio Lower Upper

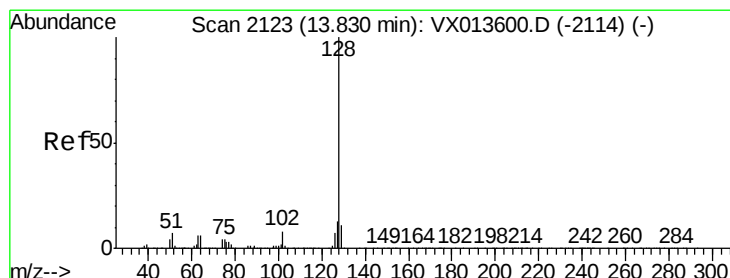
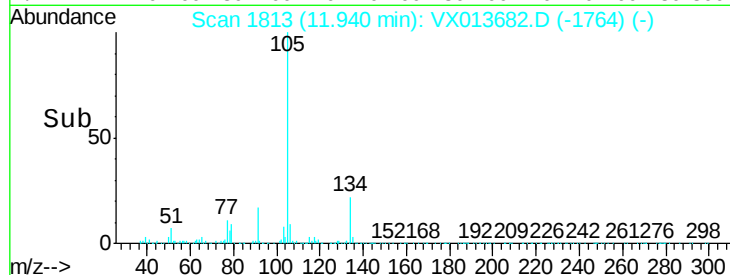
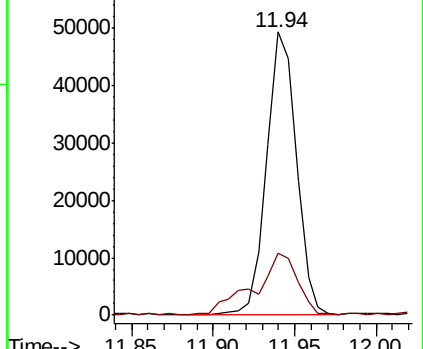
105 100

134 31.6 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: 0.532 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013682.D

Acq: 28 Nov 2019 03:54

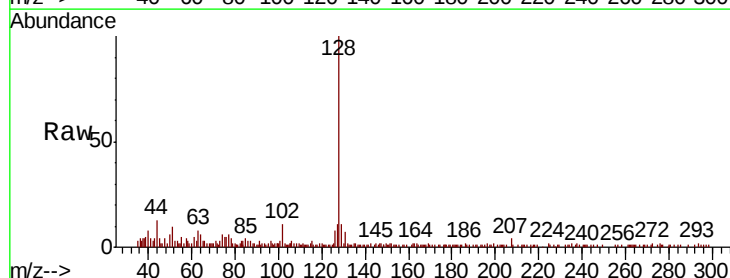
Tgt Ion:128 Resp: 15650

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 14.7 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

