

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013677.D
 Acq On : 28 Nov 2019 01:58
 Operator : JC/SP
 Sample : K6027-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Dec 02 07:04:27 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	693634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1092249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	966159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	456025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	383553	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
35) Dibromofluoromethane	5.49	113	318992	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	1285832	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.14	95	440643	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

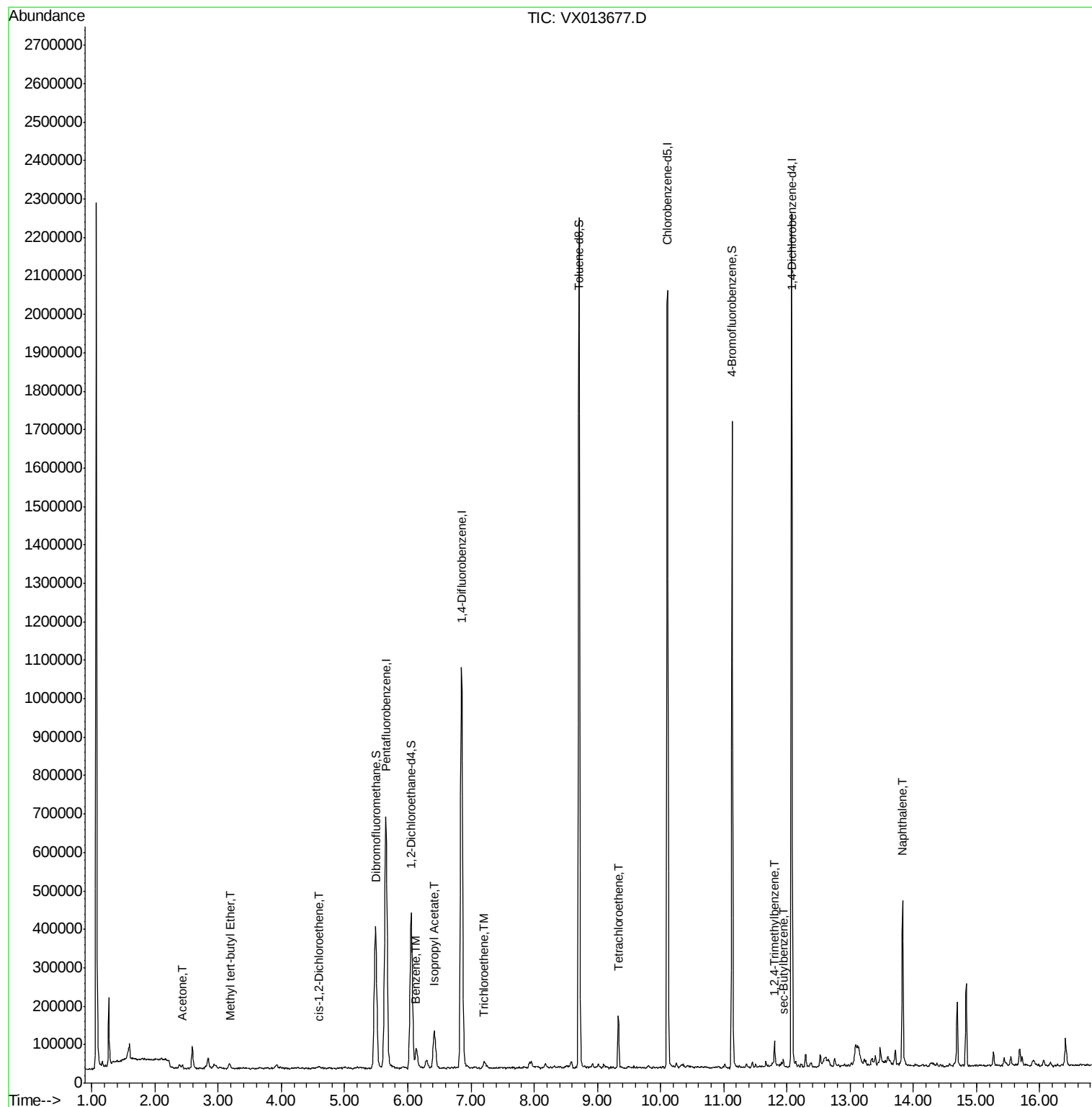
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	10343	2.602	ug/l #	77
19) Methyl tert-butyl Ether	3.19	73	12963	0.593	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	4871	0.590	ug/l	76
40) Benzene	6.14	78	61977	2.052	ug/l	97
43) Isopropyl Acetate	6.43	43	37506	2.048	ug/l #	17
44) Trichloroethene	7.21	130	8630	1.041	ug/l	81
64) Tetrachloroethene	9.33	164	28922	4.014	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	28810	1.083	ug/l	96
85) sec-Butylbenzene	11.94	105	10360	0.340	ug/l	95
95) Naphthalene	13.83	128	306713	9.929	ug/l	100

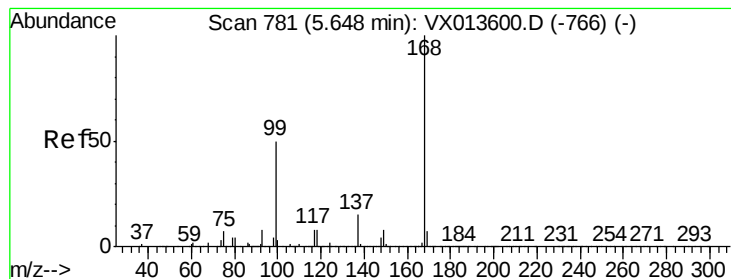
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 07:04:27 2019
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: VX013677.D

Acq: 28 Nov 2019 01:58

Instrument :

MSVOA_X

ClientSampled :

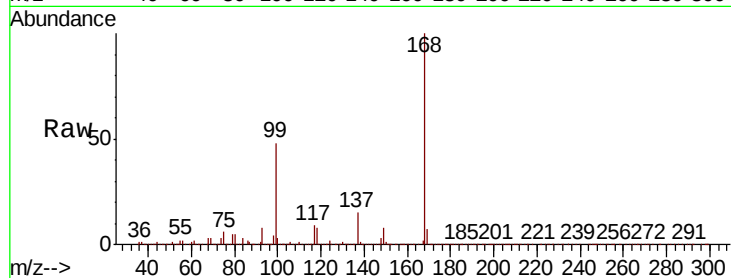
MW-9

Tot Ion:168 Resp: 693634

Ion Ratio Lower Upper

168 100

99 48.3 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

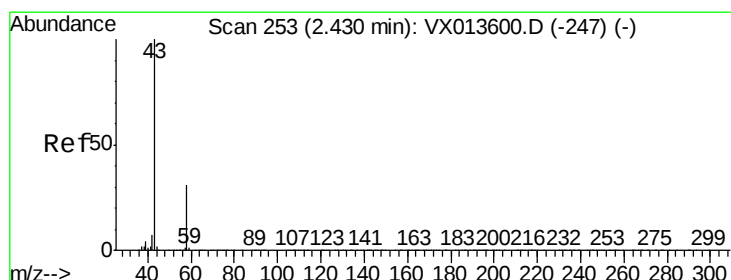
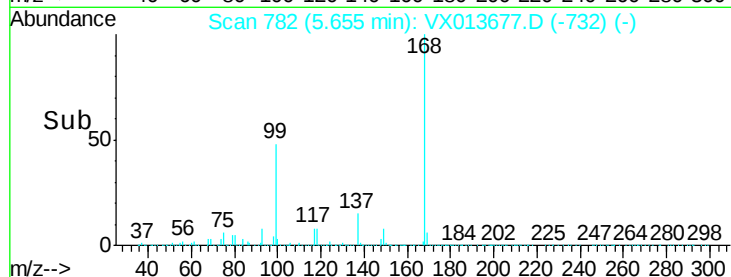
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.602 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013677.D

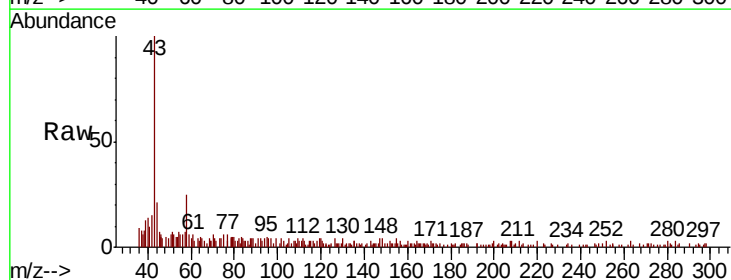
Acq: 28 Nov 2019 01:58

Tgt Ion: 43 Resp: 10343

Ion Ratio Lower Upper

43 100

58 18.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

3000

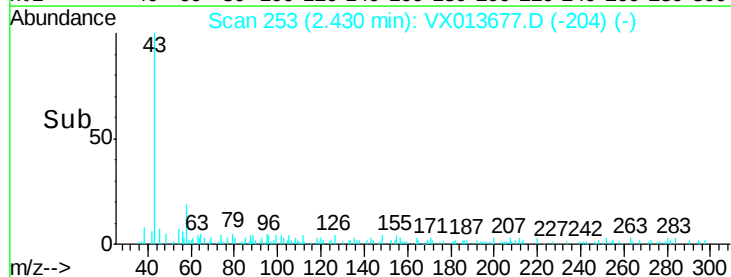
2000

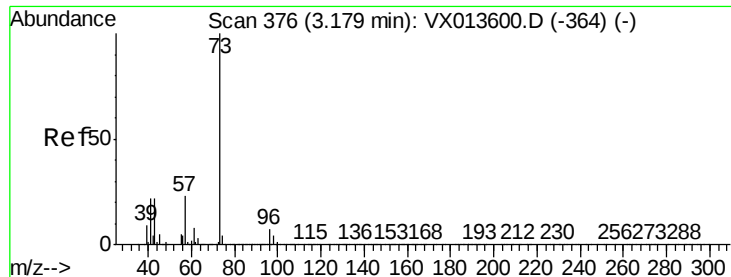
1000

0

Time-->

2.40 2.45 2.50



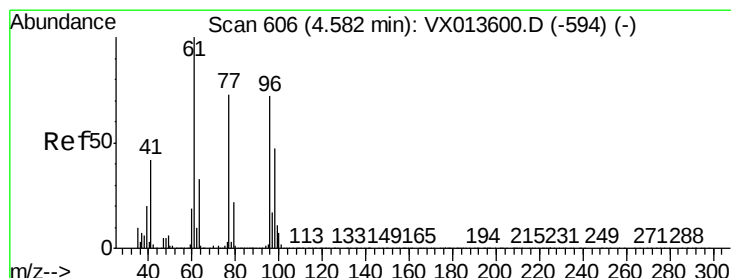
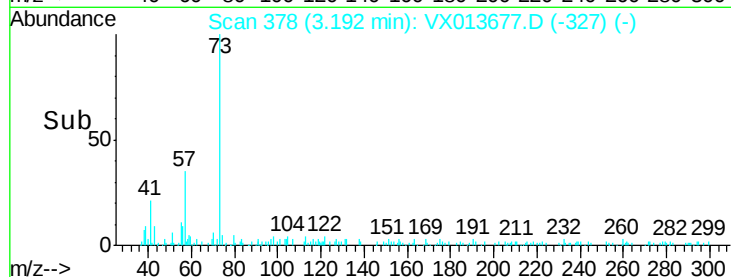
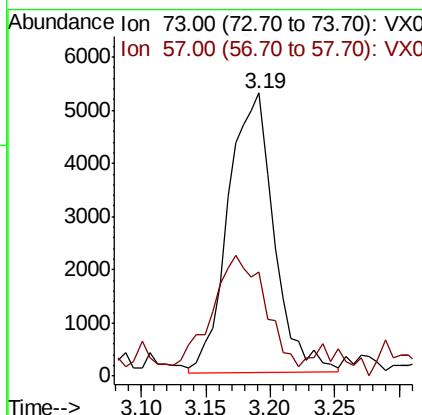
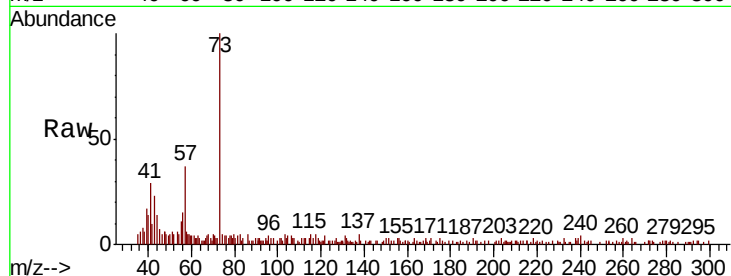


#19

Methyl tert-butyl Ether
Concen: 0.593 ug/l
RT: 3.19 min Scan# 378
Delta R.T. 0.01 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

Instrument :
MSVOA_X
ClientSampled :
MW-9

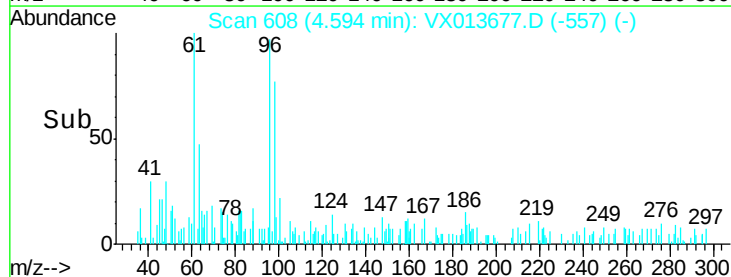
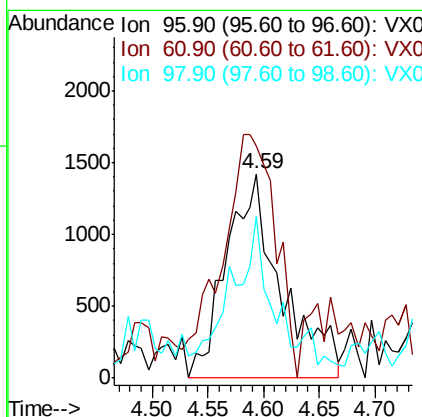
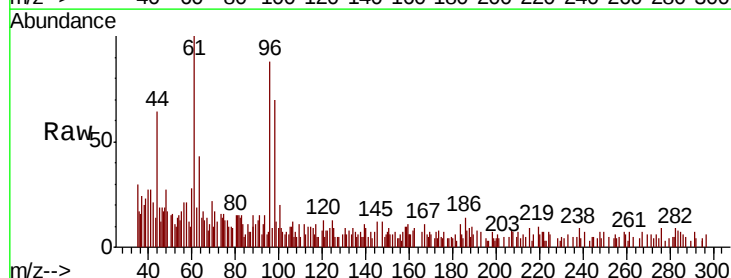
Tot Ion: 73 Resp: 12963
Ion Ratio Lower Upper
73 100
57 28.0 18.3 27.5#

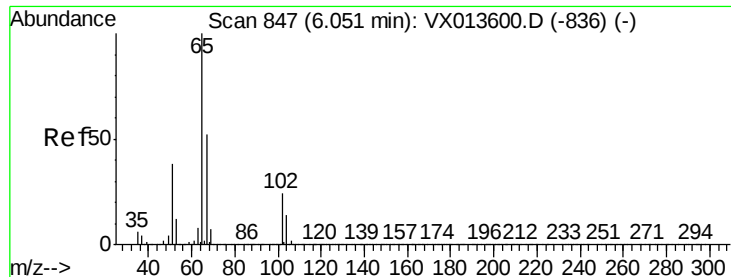


#27

cis-1,2-Dichloroethene
Concen: 0.590 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

Tgt Ion: 96 Resp: 4871
Ion Ratio Lower Upper
96 100
61 116.7 0.0 286.4
98 39.6 0.0 127.4

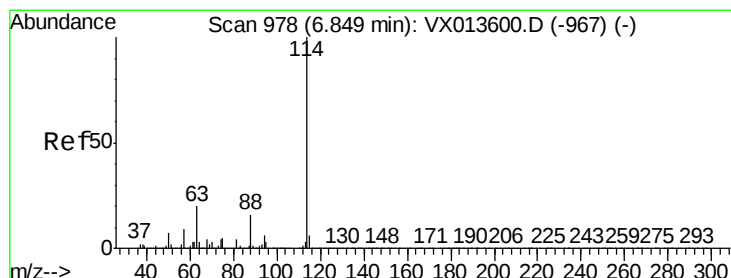
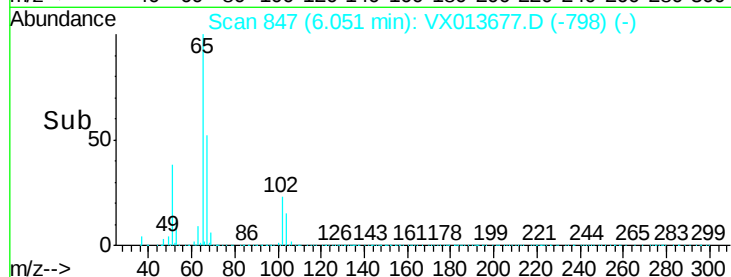
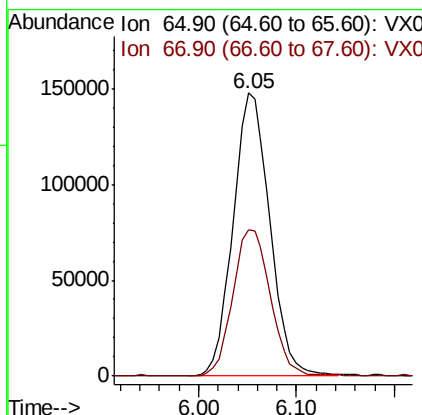
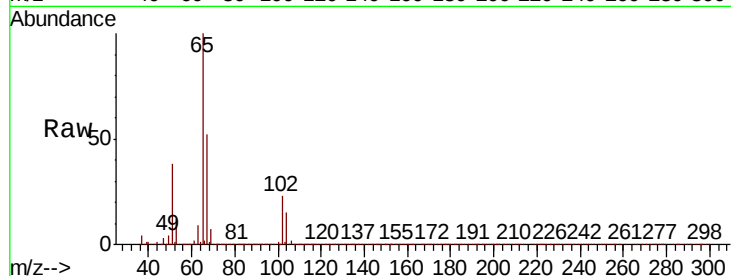




#33
 1,2-Dichloroethane-d4
 Concen: 47.637 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013677.D
 Acq: 28 Nov 2019 01:58

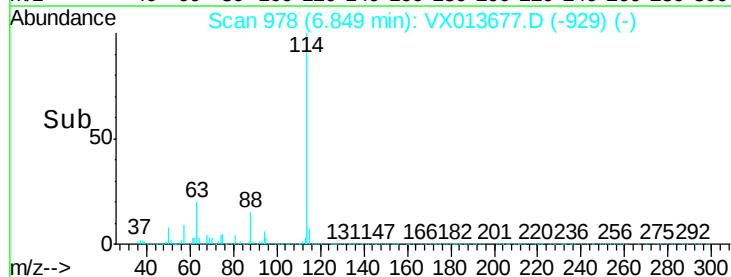
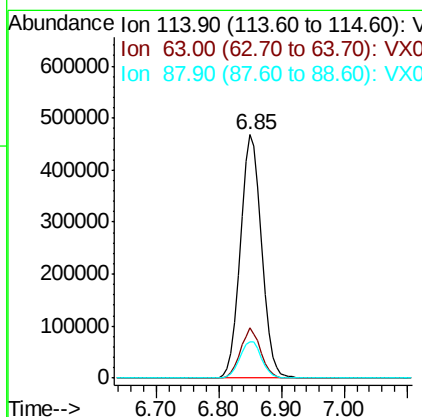
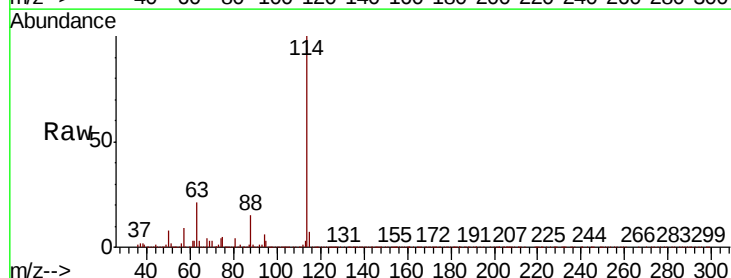
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

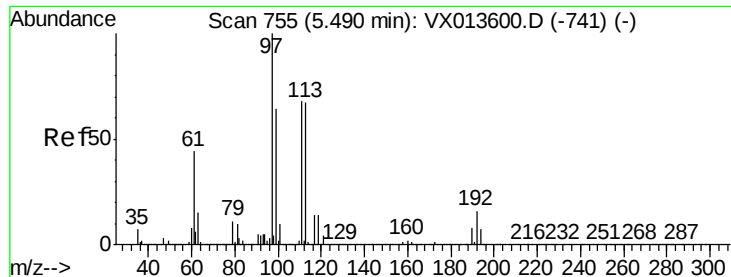
Tot Ion: 65 Resp: 383553
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013677.D
 Acq: 28 Nov 2019 01:58

Tgt Ion: 114 Resp: 1092249
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 15.0 0.0 31.4

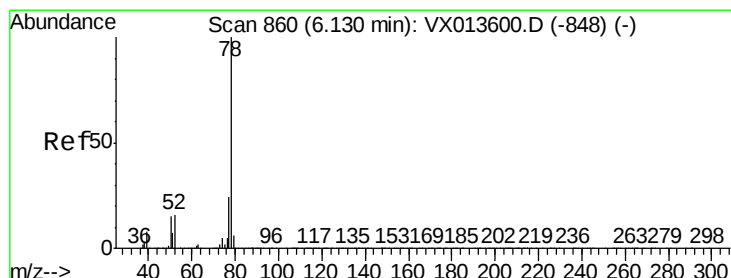
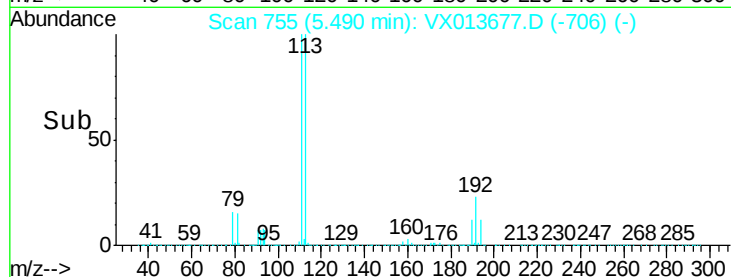
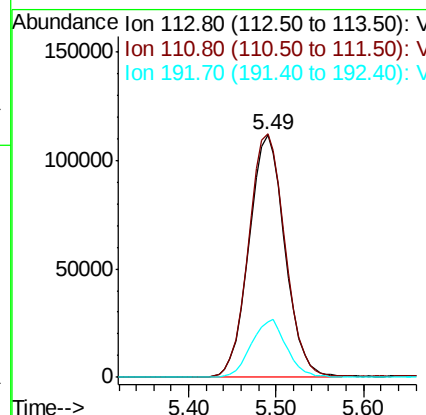
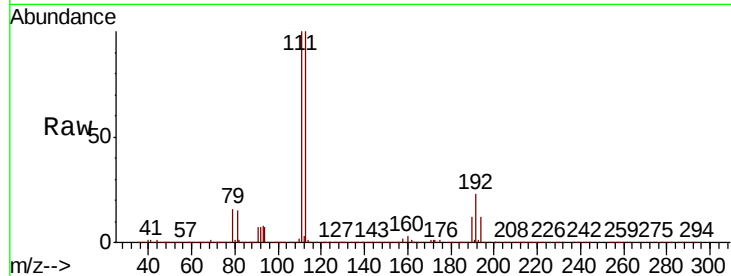




#35
 Dibromofluoromethane
 Concen: 47.241 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013677.D
 Acq: 28 Nov 2019 01:58

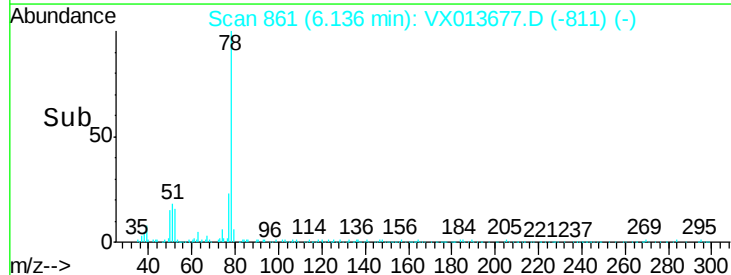
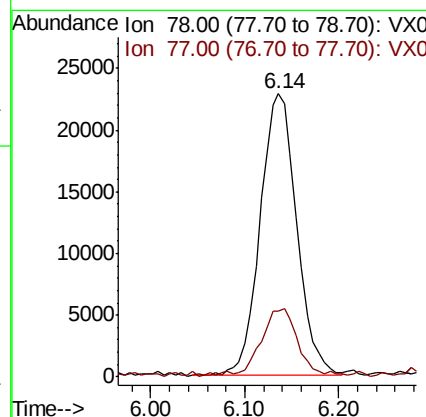
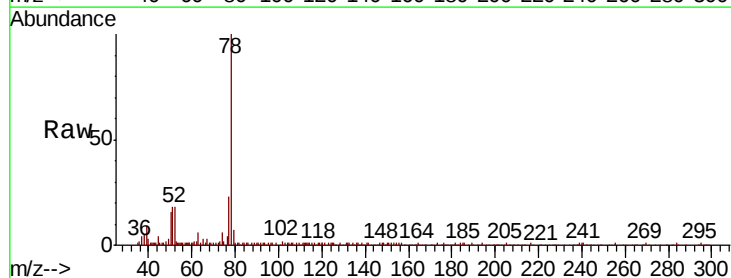
Instrument :
 MSVOA_X
 ClientSampled :
 MW-9

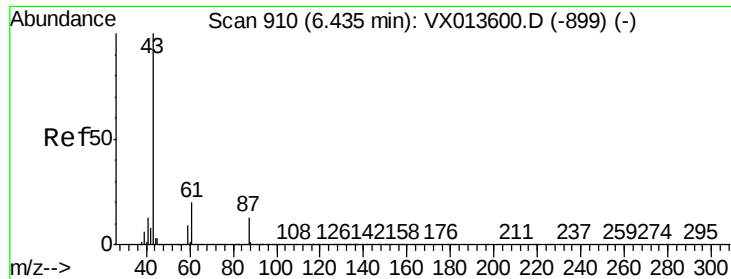
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.6	125.4
192	23.8	19.2	28.8



#40
 Benzene
 Concen: 2.052 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VX013677.D
 Acq: 28 Nov 2019 01:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4





#43

Isopropyl Acetate

Concen: 2.048 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013677.D

Acq: 28 Nov 2019 01:58

Instrument :

MSVOA_X

ClientSampleId :

MW-9

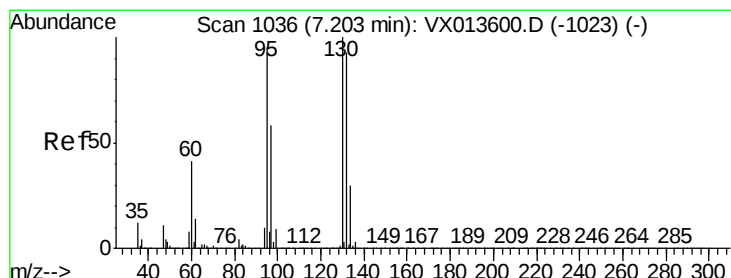
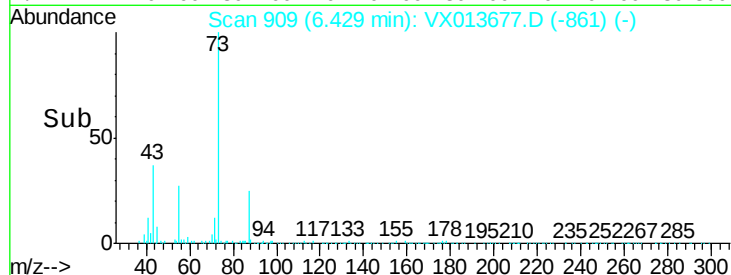
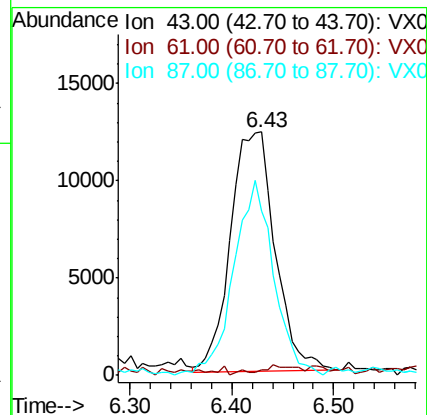
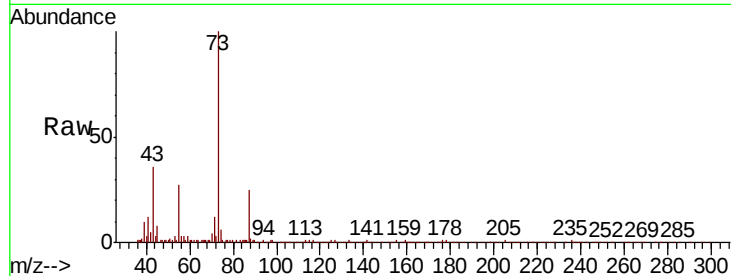
Tot Ion: 43 Resp: 37506

Ion Ratio Lower Upper

43 100

61 2.0 16.3 24.5#

87 72.7 10.8 16.2#



#44

Trichloroethene

Concen: 1.041 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013677.D

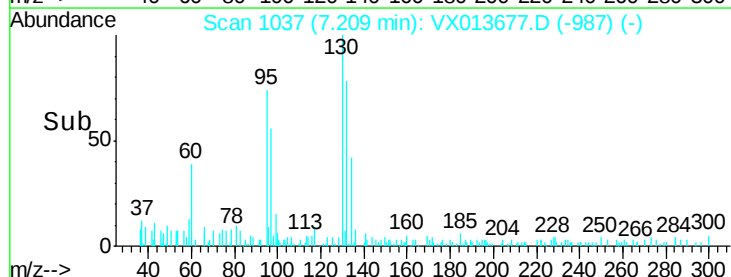
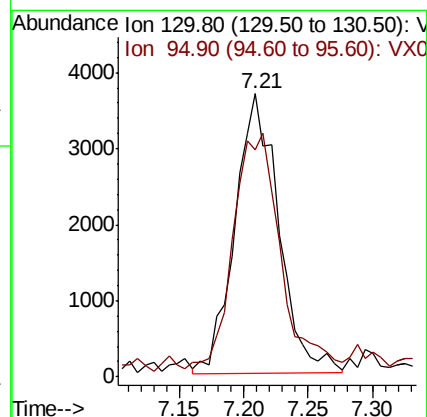
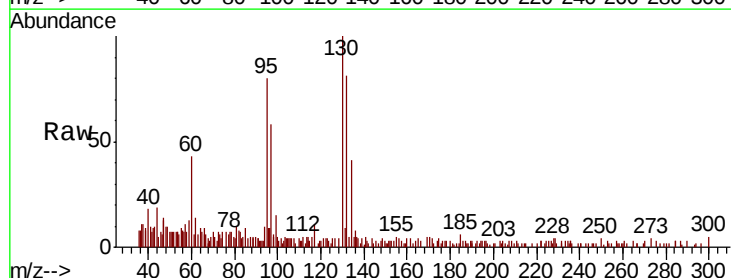
Acq: 28 Nov 2019 01:58

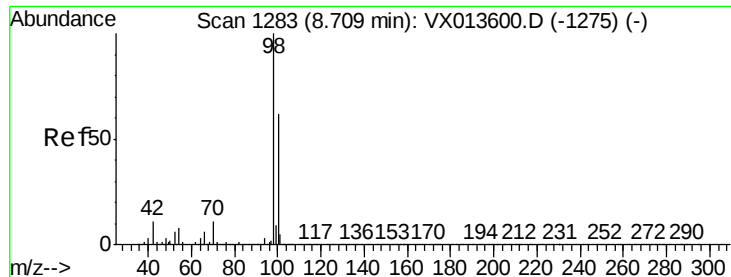
Tgt Ion: 130 Resp: 8630

Ion Ratio Lower Upper

130 100

95 77.0 0.0 190.8

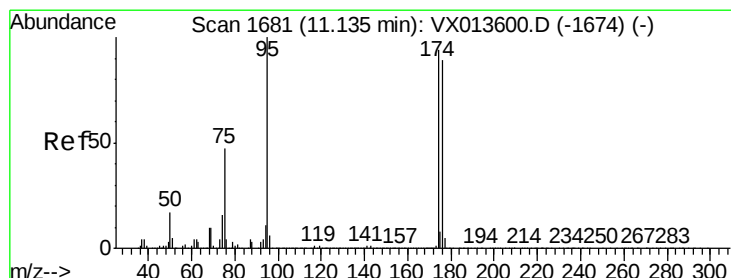
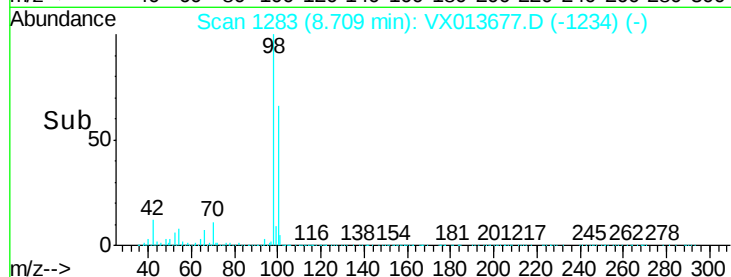
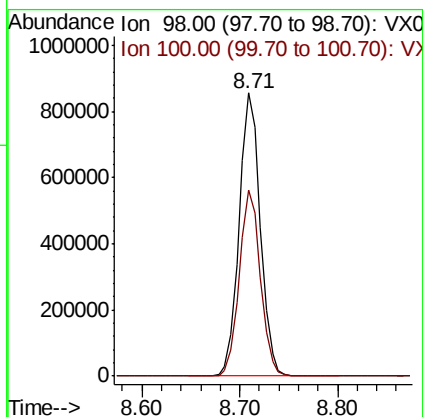
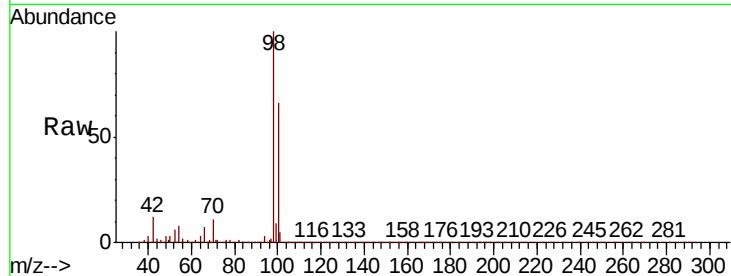




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

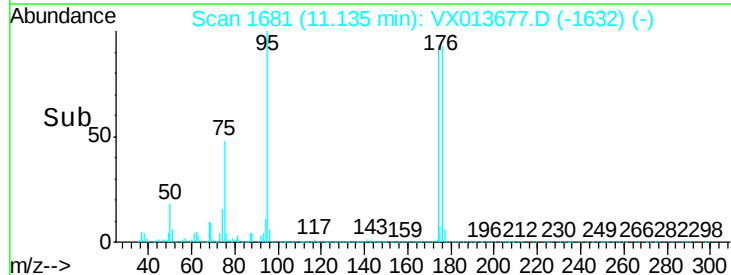
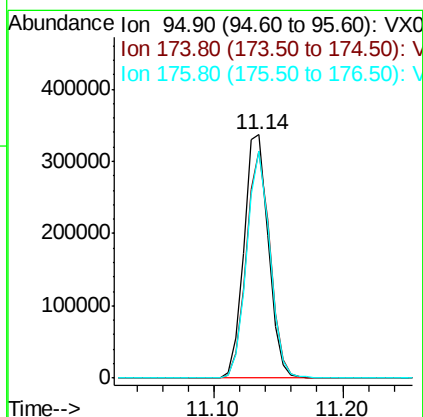
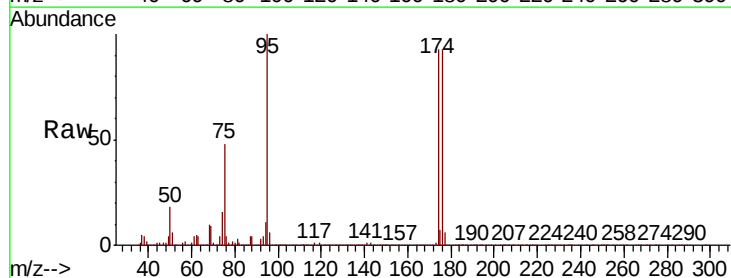
Instrument :
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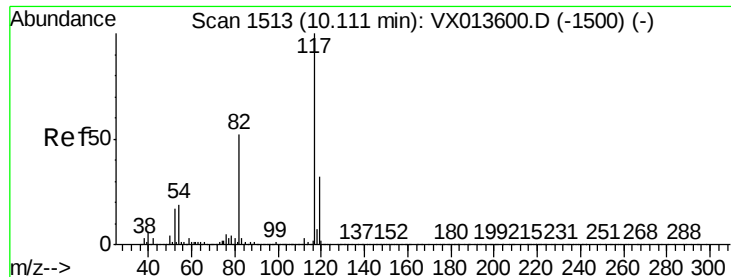
Tot Ion: 98 Resp: 1285832
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.448 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

Tgt Ion: 95 Resp: 440643
Ion Ratio Lower Upper
95 100
174 90.1 0.0 180.0
176 87.8 0.0 173.6

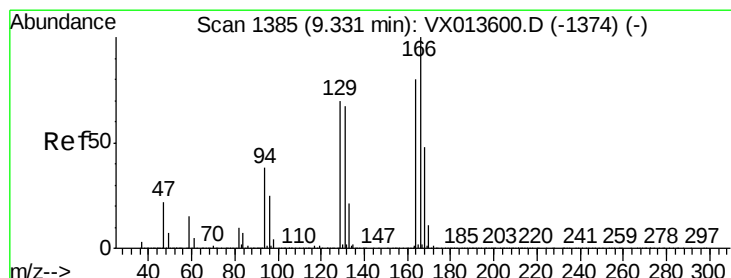
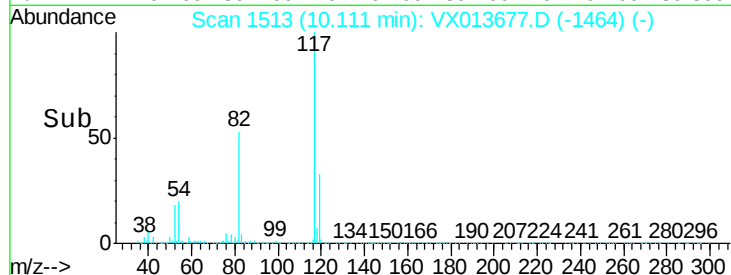
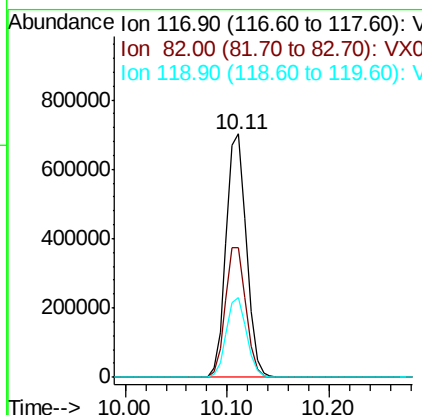
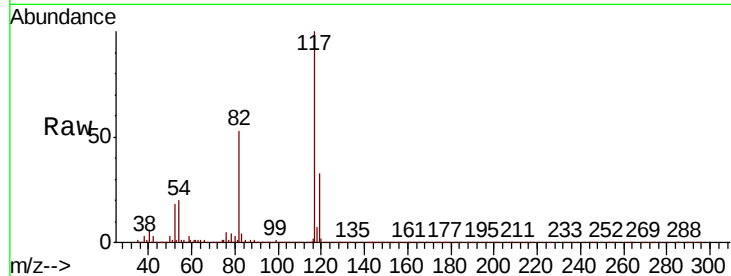




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

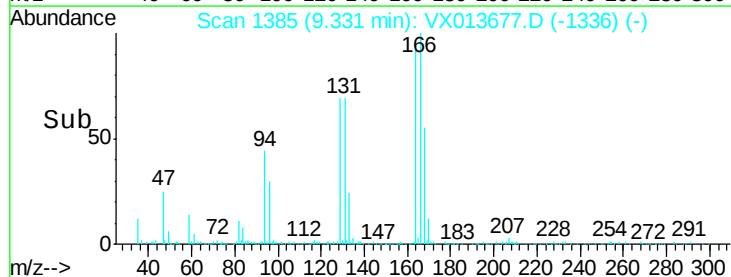
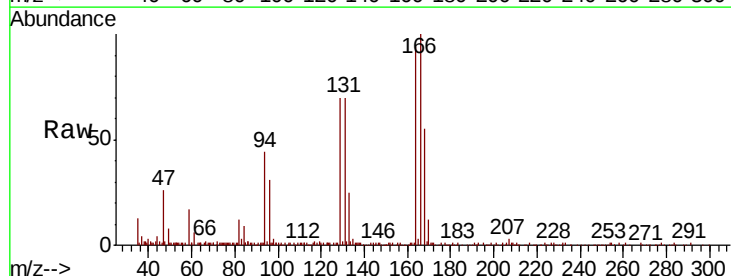
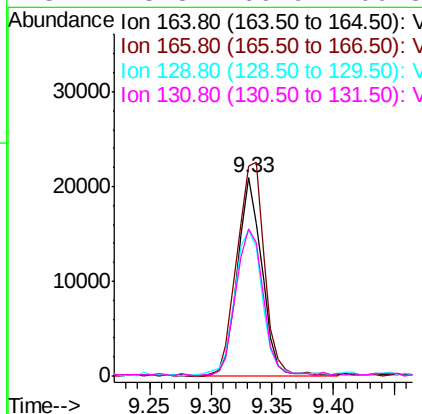
Instrument :
MSVOA_X
ClientSampleId :
MW-9

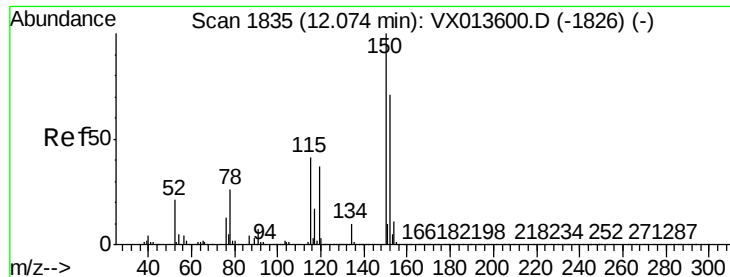
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	33.0	25.8	38.8



#64
Tetrachloroethene
Concen: 4.014 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013677.D
Acq: 28 Nov 2019 01:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.2	99.7	149.5
129	73.1	70.1	105.1
131	73.3	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013677.D

Acq: 28 Nov 2019 01:58

Instrument :

MSVOA_X

ClientSampleId :

MW-9

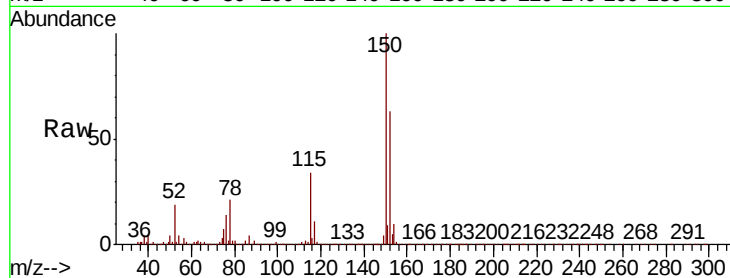
Tot Ion:152 Resp: 456025

Ion Ratio Lower Upper

152 100

115 54.7 38.4 115.1

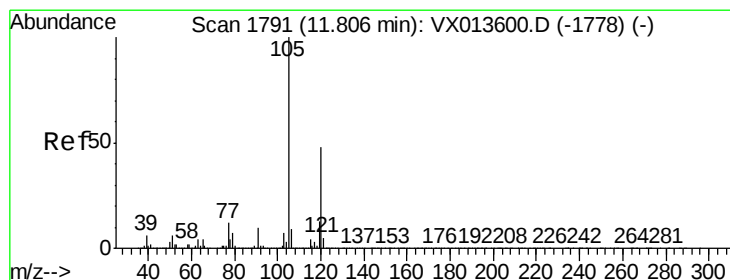
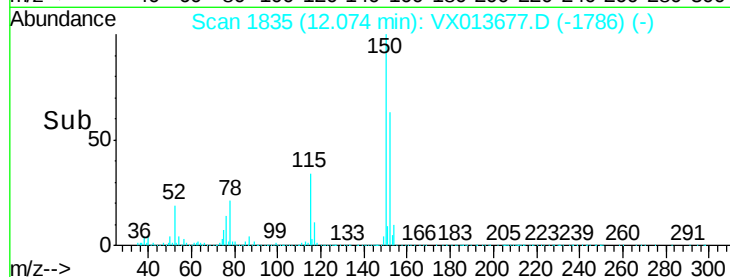
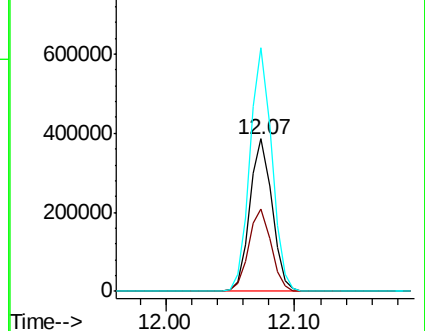
150 157.0 0.0 346.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.083 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013677.D

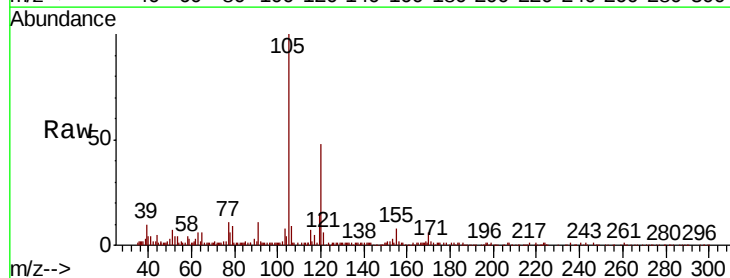
Acq: 28 Nov 2019 01:58

Tgt Ion:105 Resp: 28810

Ion Ratio Lower Upper

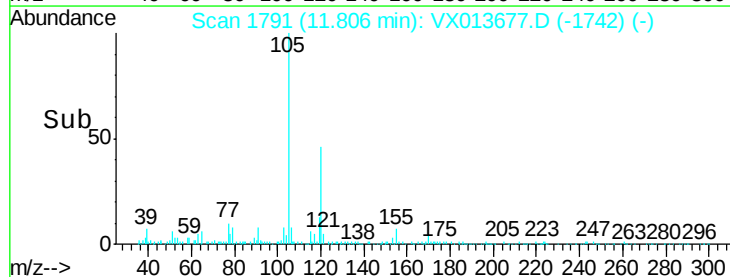
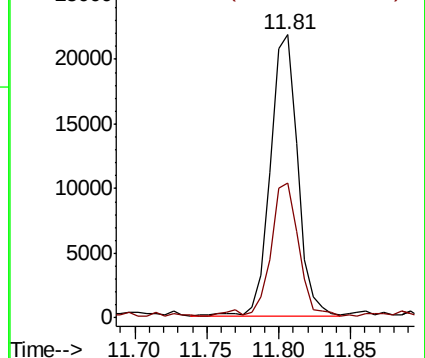
105 100

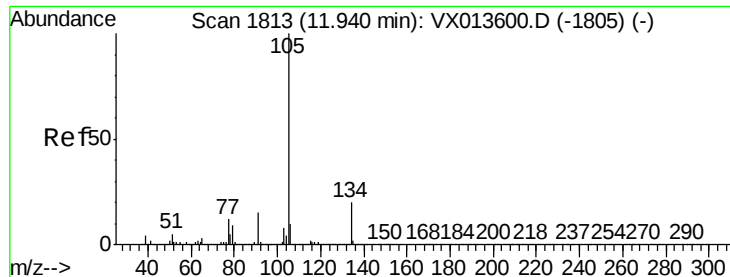
120 49.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.340 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013677.D

Acq: 28 Nov 2019 01:58

Instrument :

MSVOA_X

ClientSampleId :

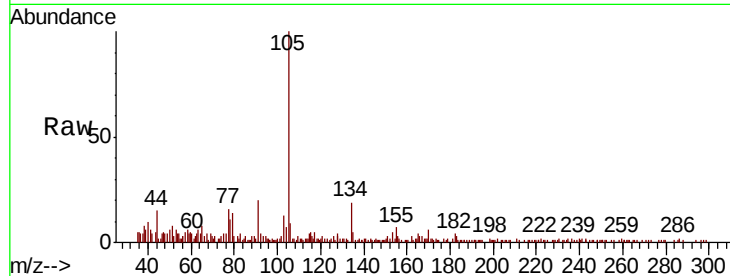
MW-9

Tot Ion:105 Resp: 10360

Ion Ratio Lower Upper

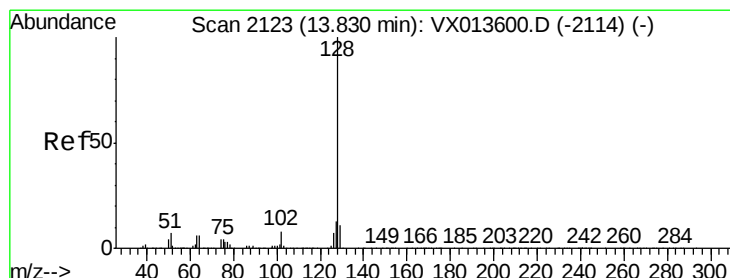
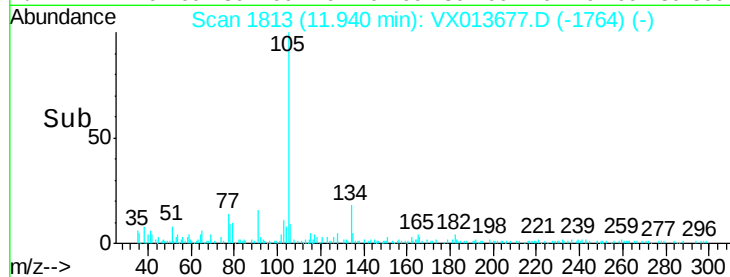
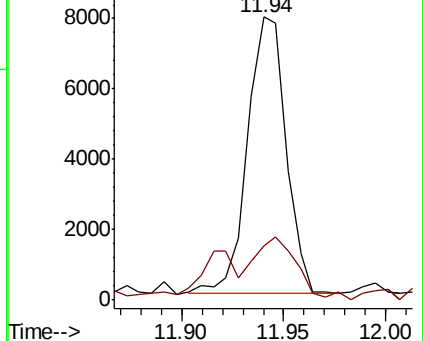
105 100

134 23.0 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: 9.929 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013677.D

Acq: 28 Nov 2019 01:58

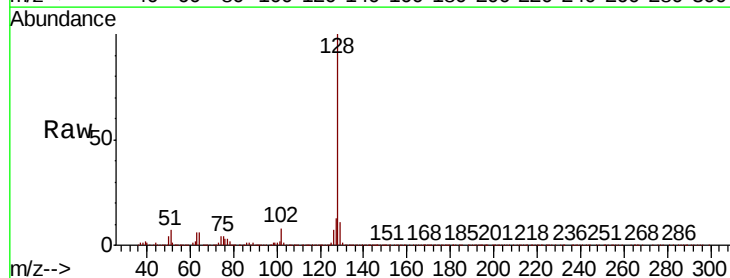
Tgt Ion:128 Resp: 306713

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 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

