

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013728.D
 Acq On : 03 Dec 2019 16:34
 Operator : JC/SP
 Sample : K5984-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

Quant Time: Dec 04 06:42:21 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

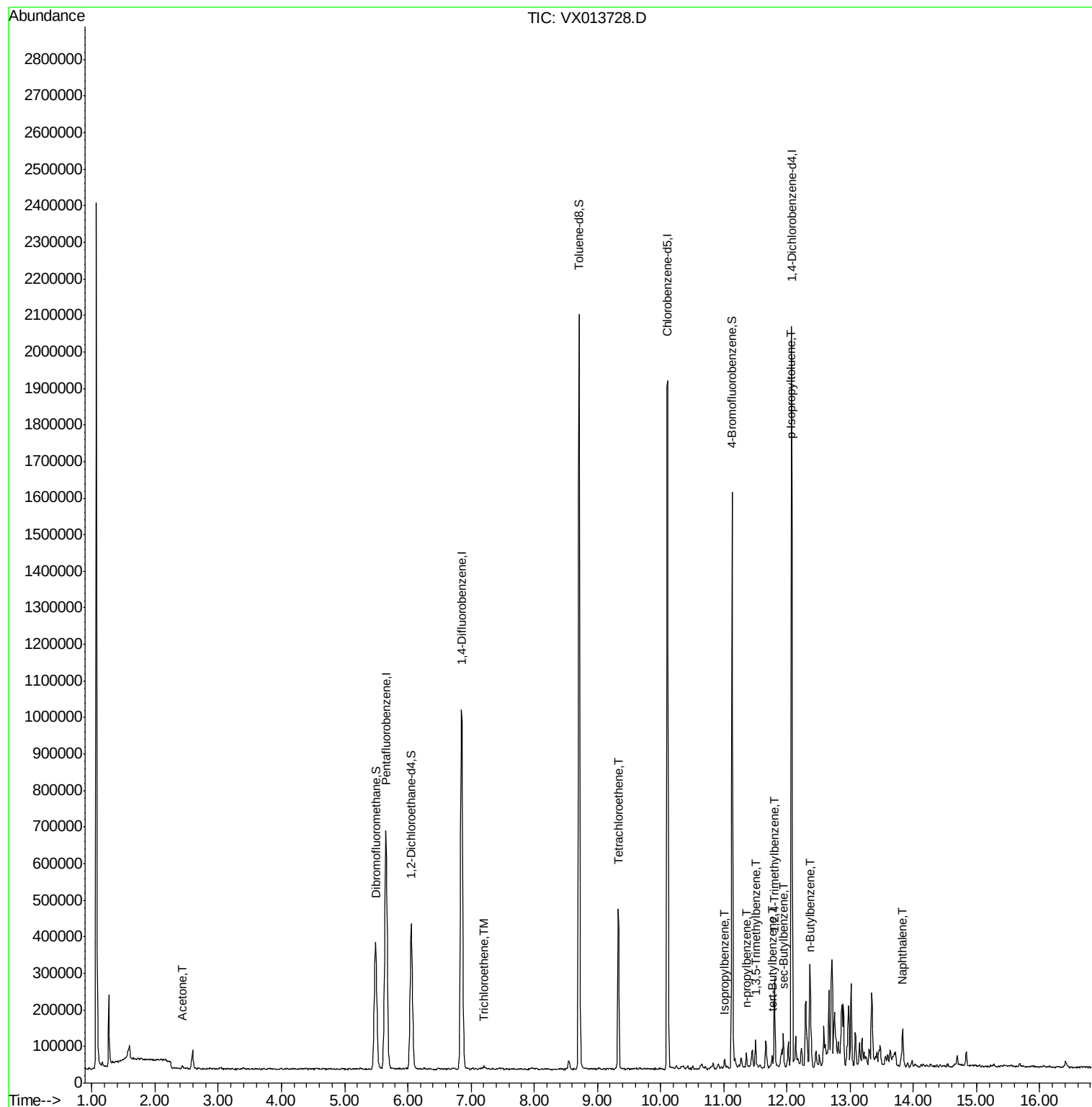
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1026850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	904499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	416233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	366901	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	5.49	113	300815	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.71	98	1213039	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	411370	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	11426	2.957	ug/l #	86
44) Trichloroethene	7.20	130	3651	0.469	ug/l	92
64) Tetrachloroethene	9.33	164	93596	13.876	ug/l	97
73) Isopropylbenzene	11.01	105	13638	0.467	ug/l	94
78) n-propylbenzene	11.35	91	26706	0.819	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	33979	1.420	ug/l	93
83) tert-Butylbenzene	11.76	119	12250	0.504	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	109252	4.499	ug/l	100
85) sec-Butylbenzene	11.94	105	46570	1.676	ug/l #	72
86) p-Isopropyltoluene	12.06	119	13087	0.506	ug/l	87
89) n-Butylbenzene	12.38	91	10420m	0.473	ug/l	
95) Naphthalene	13.83	128	70541	2.502	ug/l #	95

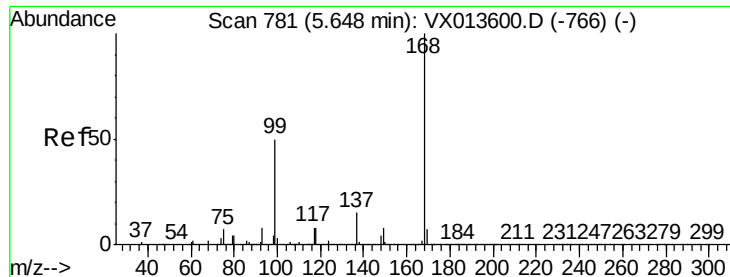
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

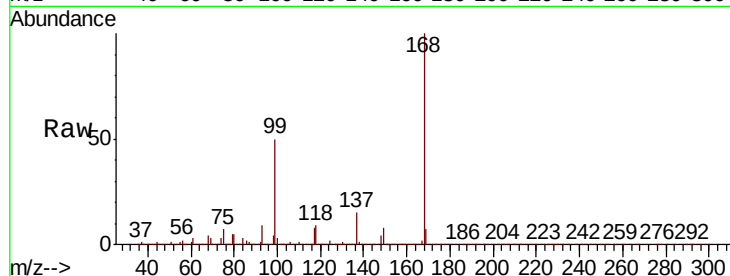
S39-0191

Tot Ion:168 Resp: 674338

Ion Ratio Lower Upper

168 100

99 49.6 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

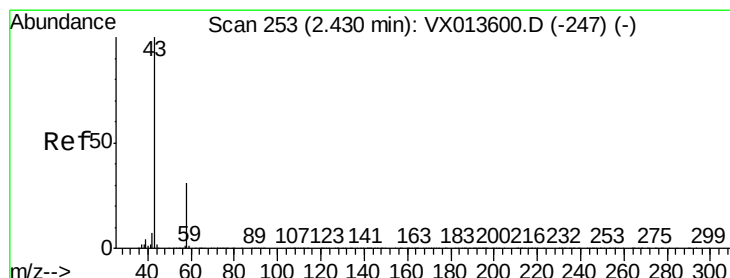
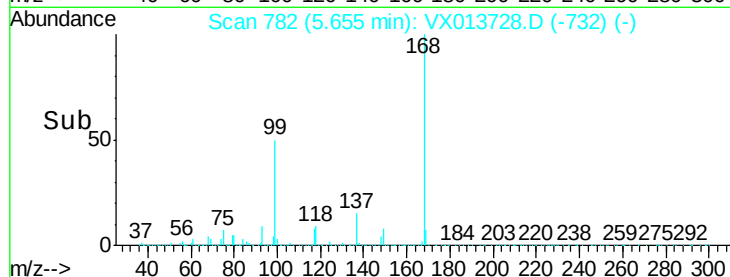
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.957 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013728.D

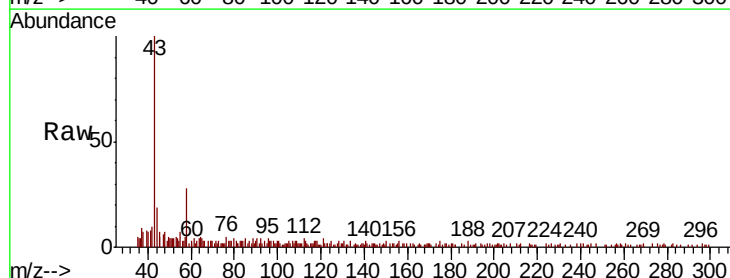
Acq: 03 Dec 2019 16:34

Tgt Ion: 43 Resp: 11426

Ion Ratio Lower Upper

43 100

58 23.0 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

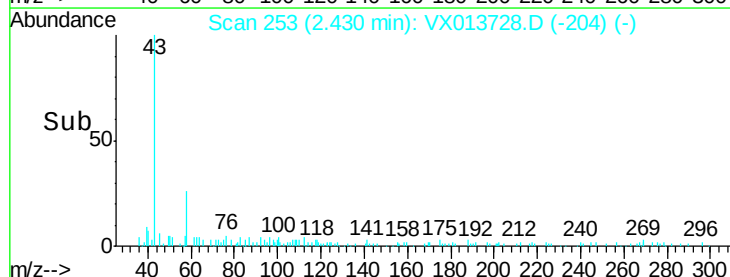
6000

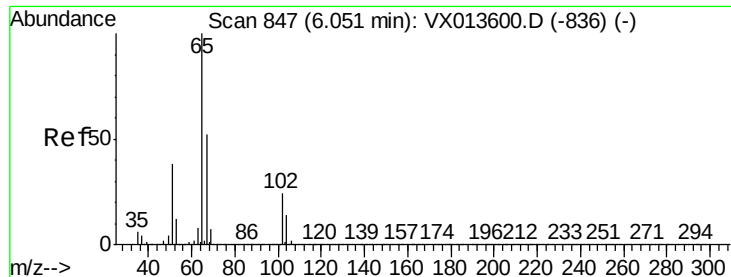
4000

2000

0

Time-->

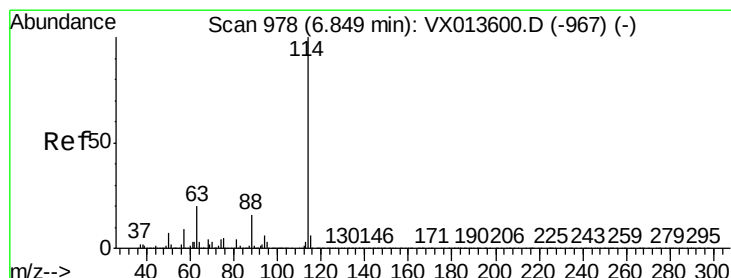
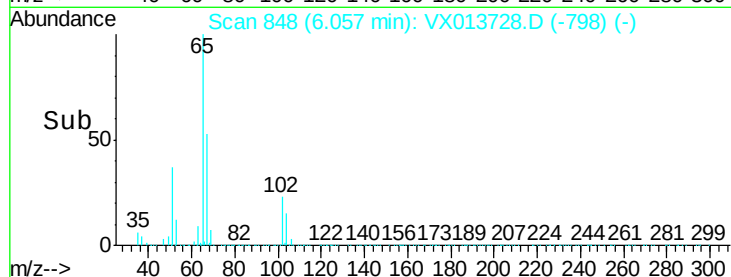
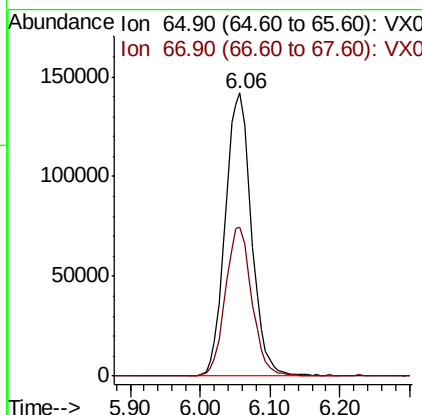
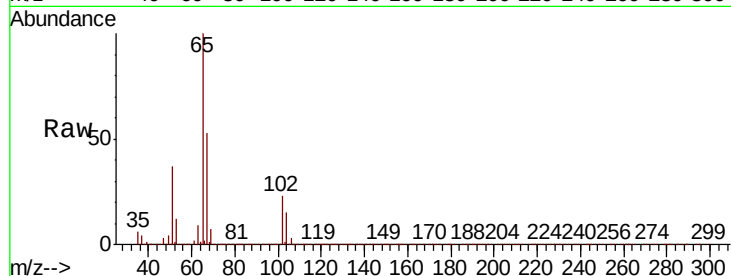




#33
 1,2-Dichloroethane-d4
 Concen: 46.873 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

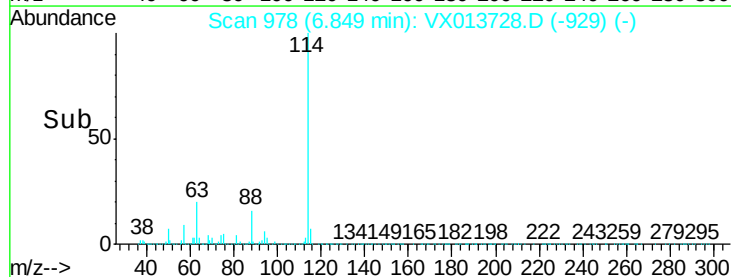
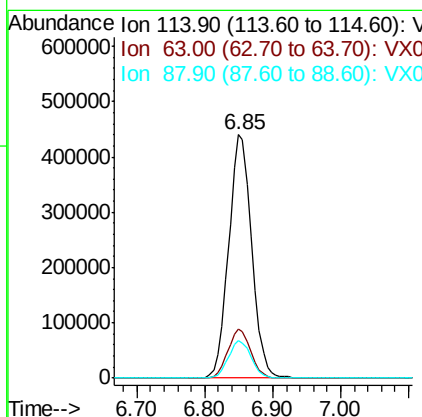
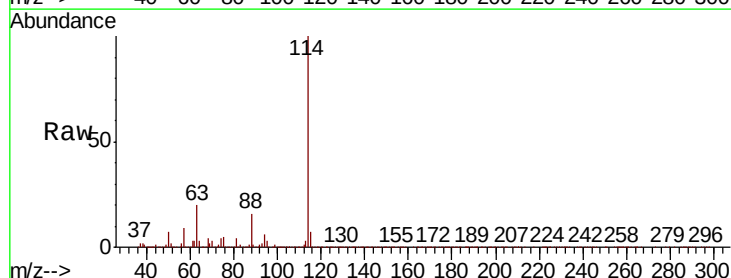
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

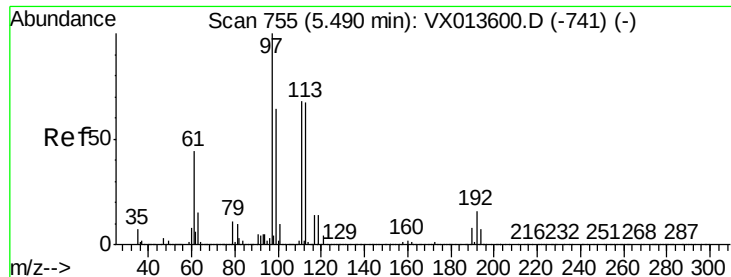
Tot Ion: 65 Resp: 366901
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

Tgt Ion: 114 Resp: 1026850
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.387 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

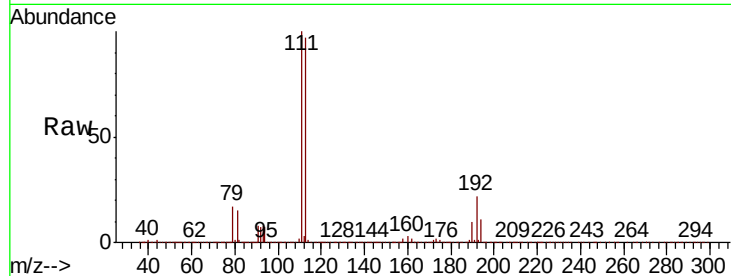
Tot Ion:113 Resp: 300815

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

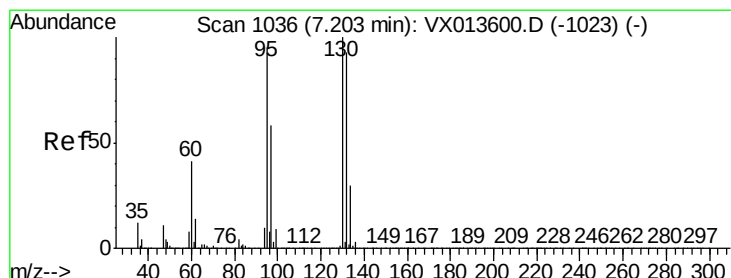
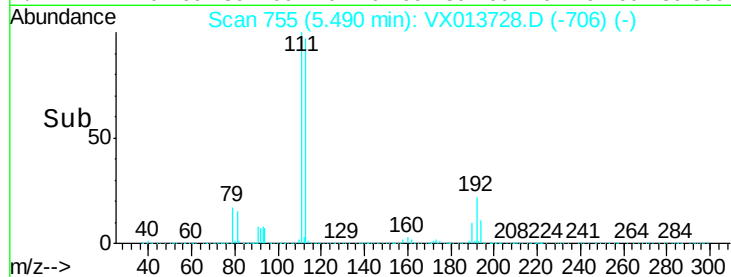
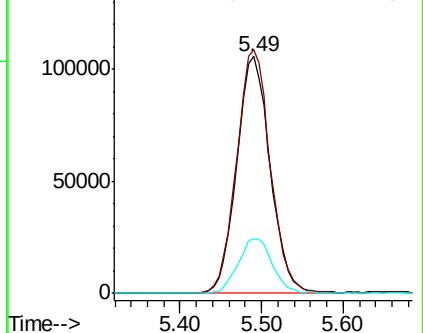
192 23.5 19.2 28.8



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: 0.469 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013728.D

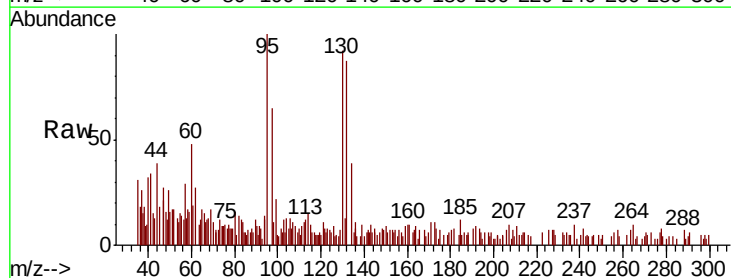
Acq: 03 Dec 2019 16:34

Tgt Ion:130 Resp: 3651

Ion Ratio Lower Upper

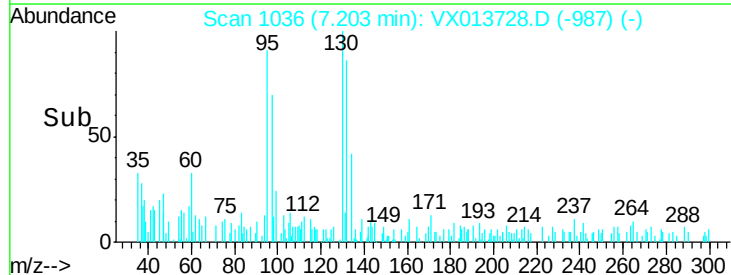
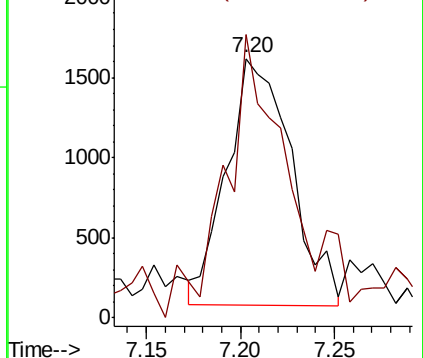
130 100

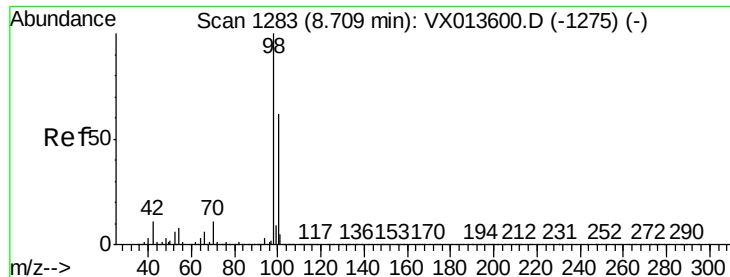
95 103.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

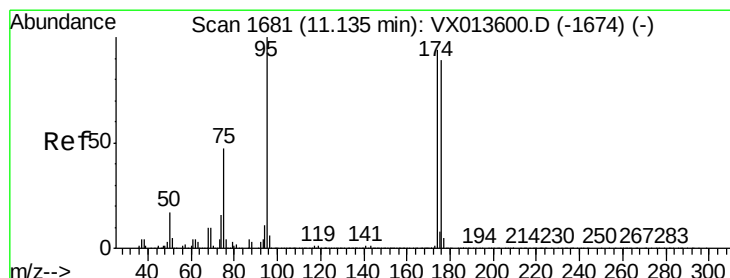
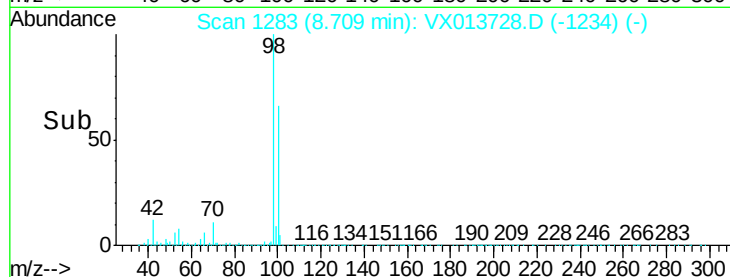
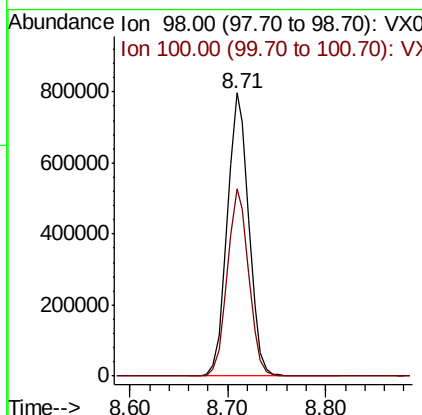
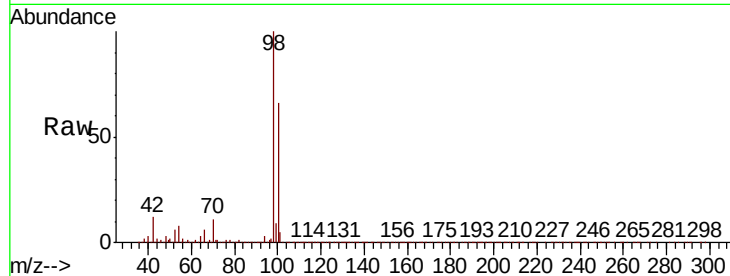




#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

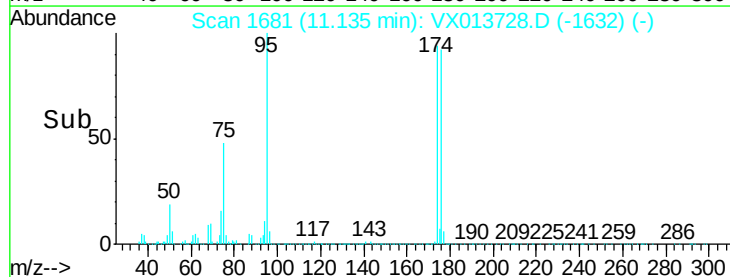
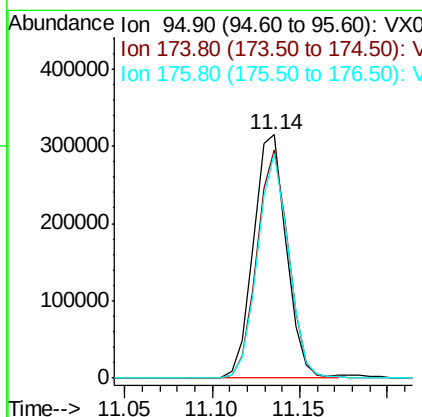
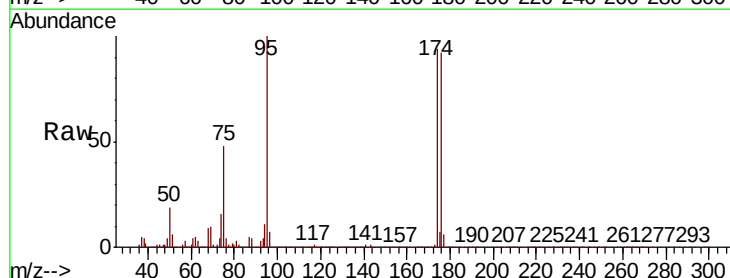
Instrument :
MSVOA_X
ClientSampleId :
S39-0191

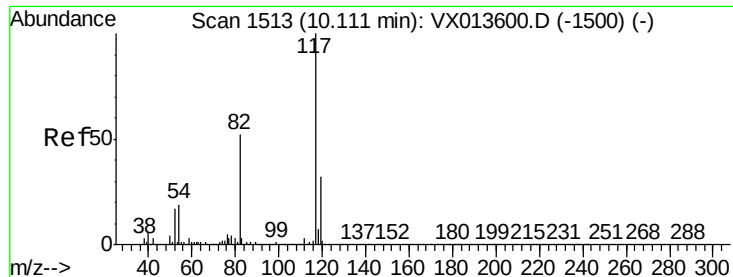
Tot Ion: 98 Resp: 1213039
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.124 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion: 95 Resp: 411370
Ion Ratio Lower Upper
95 100
174 89.7 0.0 180.0
176 87.8 0.0 173.6

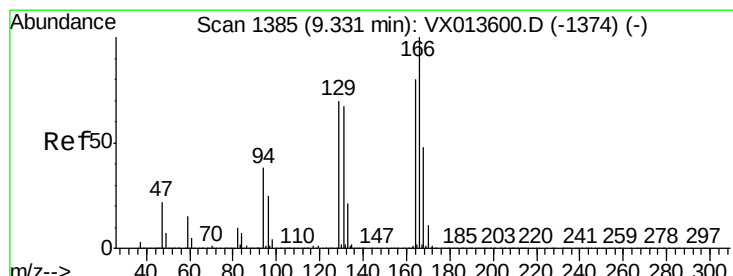
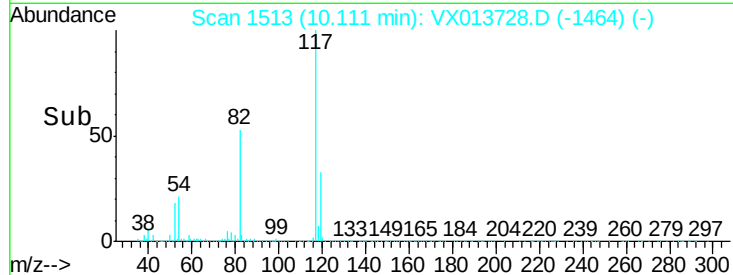
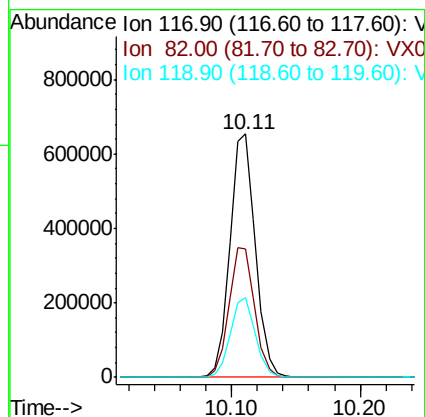
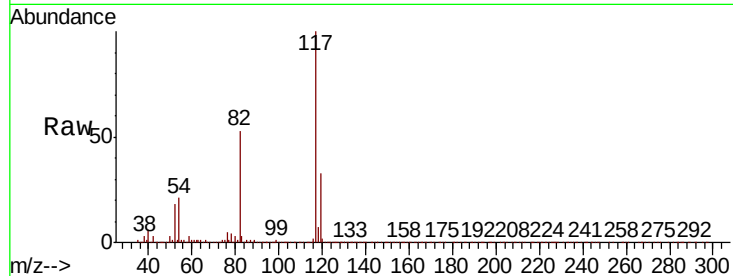




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

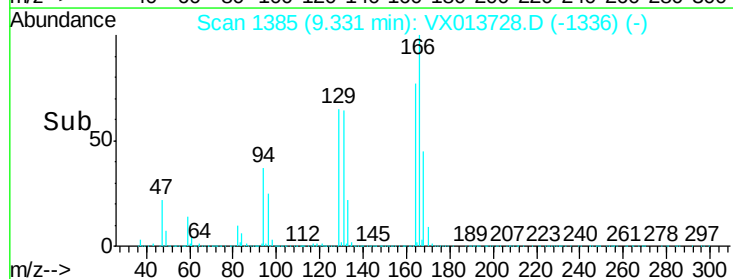
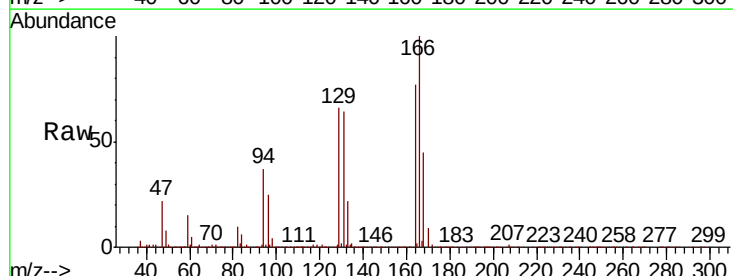
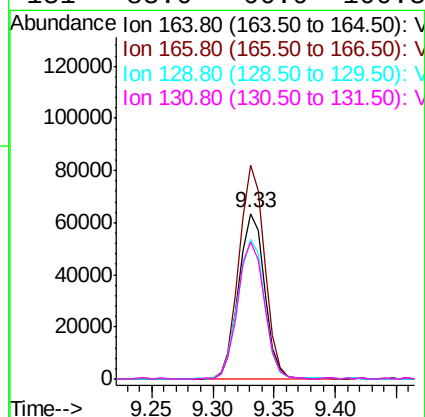
Instrument :
MSVOA_X
ClientSampled :
S39-0191

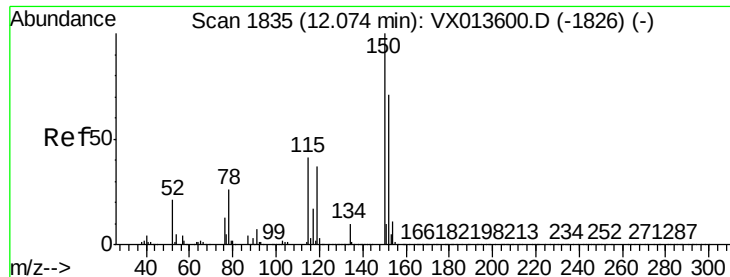
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	33.0	25.8	38.8



#64
Tetrachloroethene
Concen: 13.876 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.7	149.5
129	84.5	70.1	105.1
131	83.0	66.9	100.3



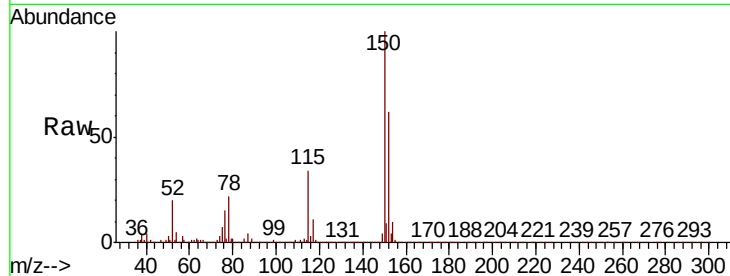


#72

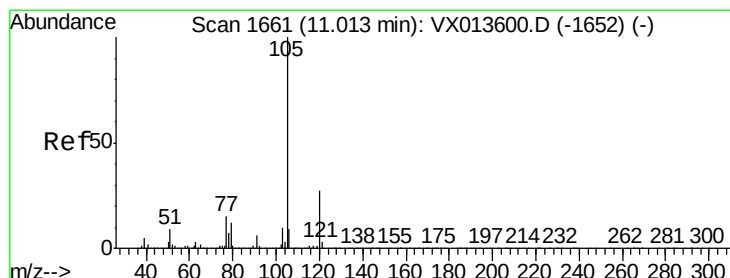
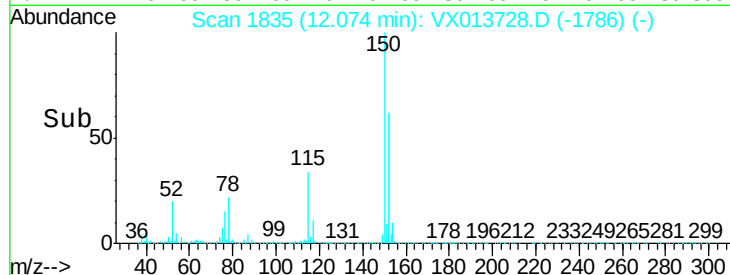
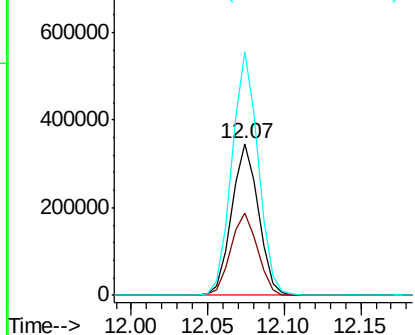
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
S39-0191

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.4	115.1
150	158.8	0.0	346.8



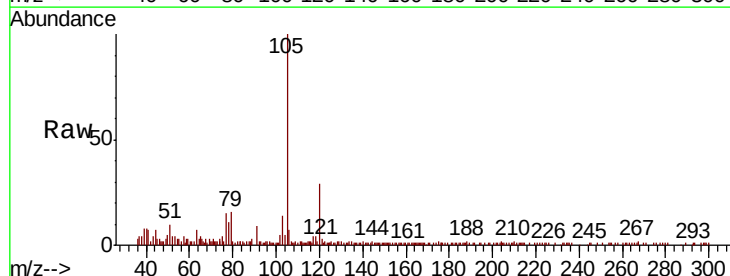
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



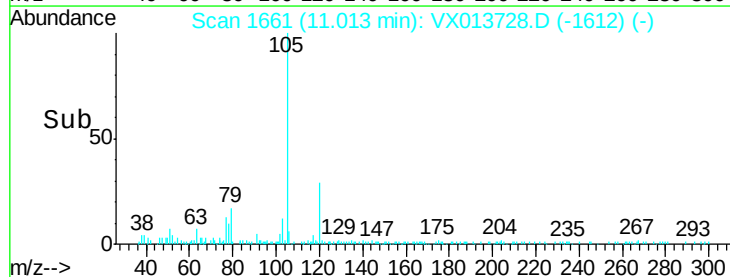
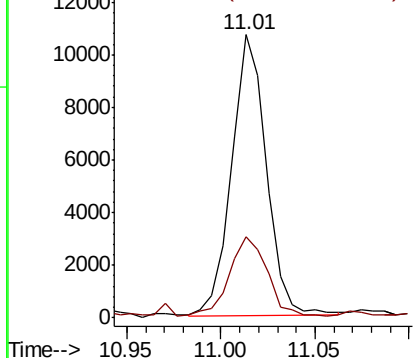
#73

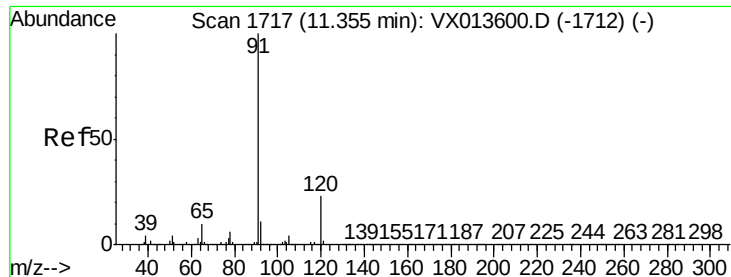
Isopropylbenzene
Concen: 0.467 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.1	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.819 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

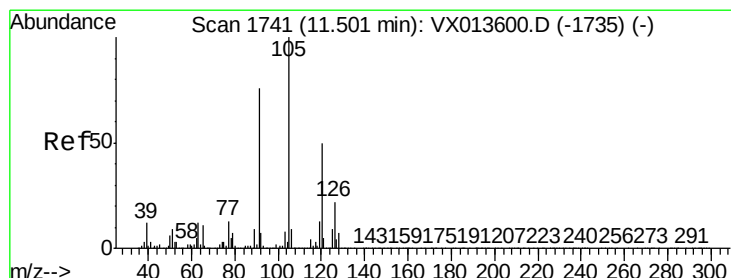
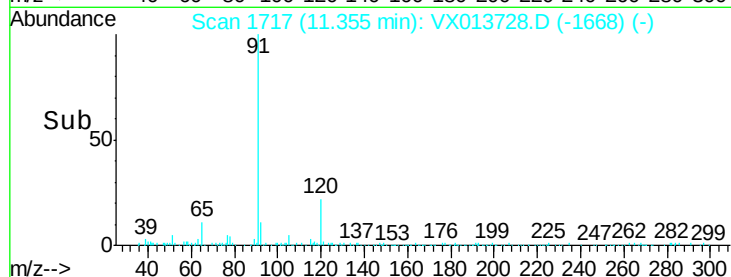
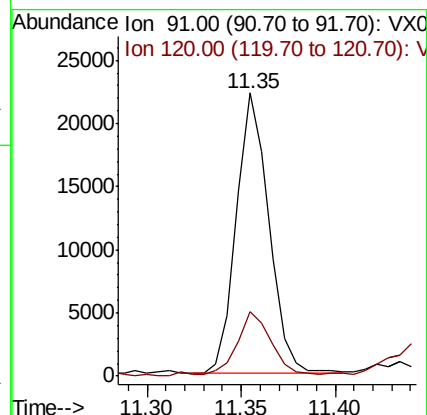
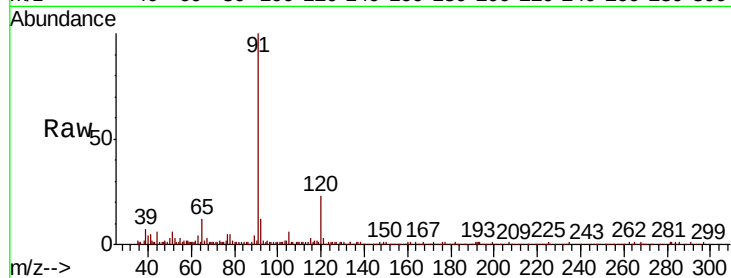
S39-0191

Tot Ion: 91 Resp: 26706

Ion Ratio Lower Upper

91 100

120 25.5 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 1.420 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013728.D

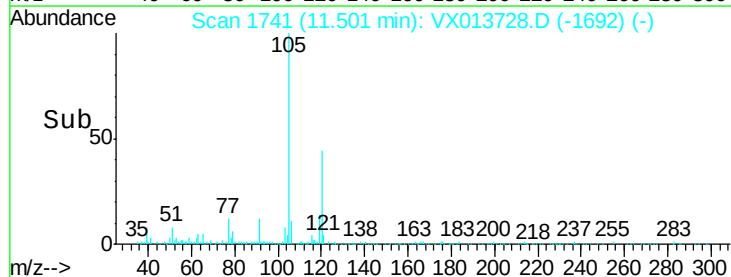
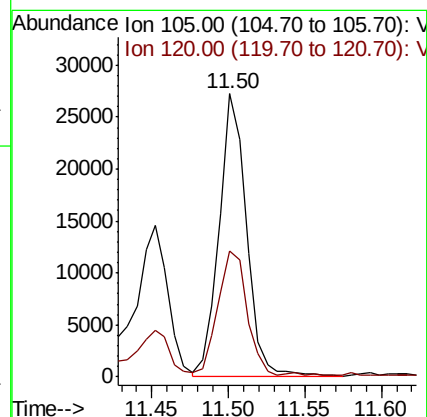
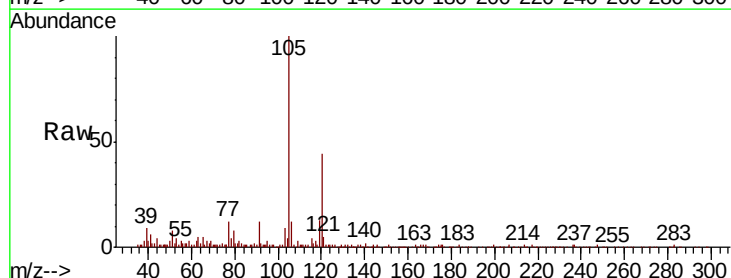
Acq: 03 Dec 2019 16:34

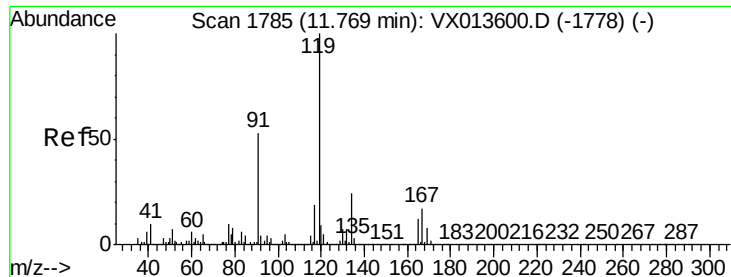
Tgt Ion: 105 Resp: 33979

Ion Ratio Lower Upper

105 100

120 45.5 25.3 75.9





#83

tert-Butylbenzene

Concen: 0.504 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

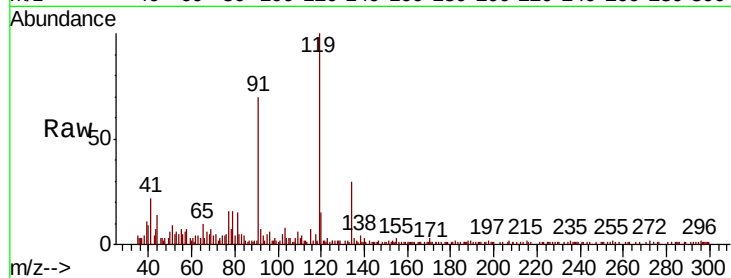
Tot Ion:119 Resp: 12250

Ion Ratio Lower Upper

119 100

91 59.6 27.2 81.6

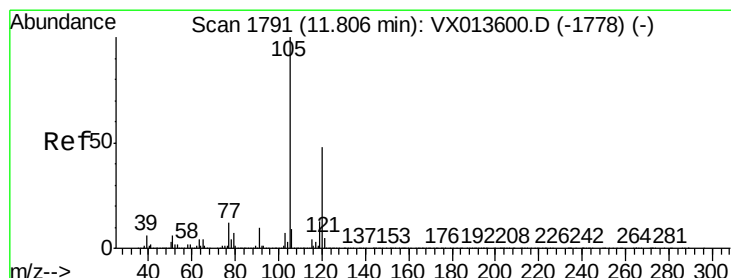
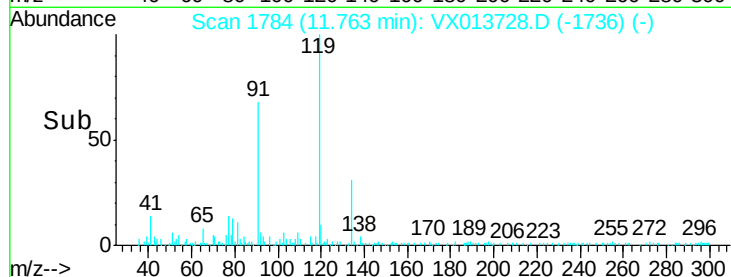
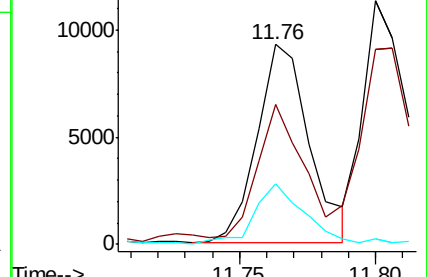
134 30.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.499 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013728.D

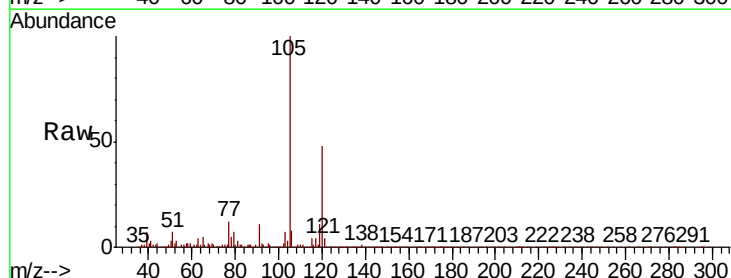
Acq: 03 Dec 2019 16:34

Tgt Ion:105 Resp: 109252

Ion Ratio Lower Upper

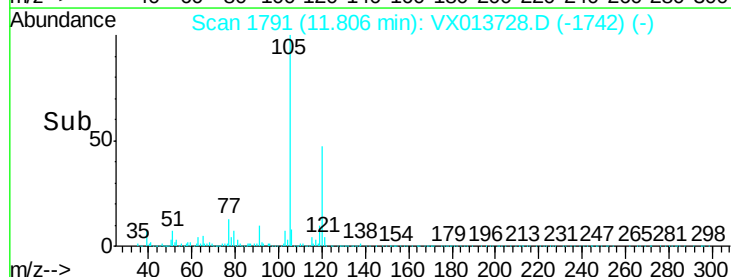
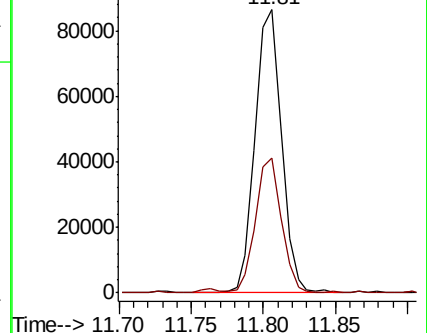
105 100

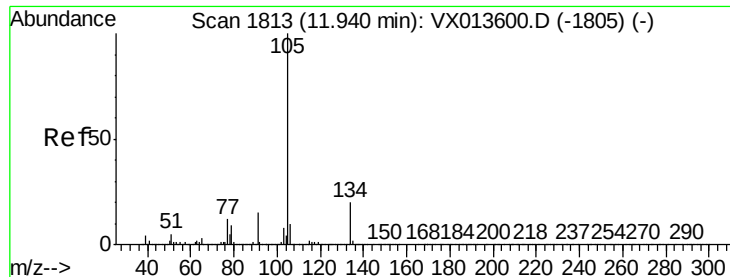
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

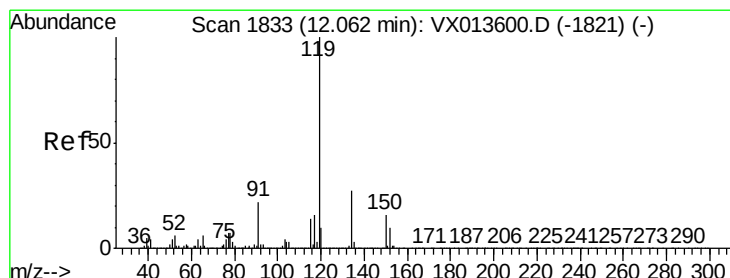
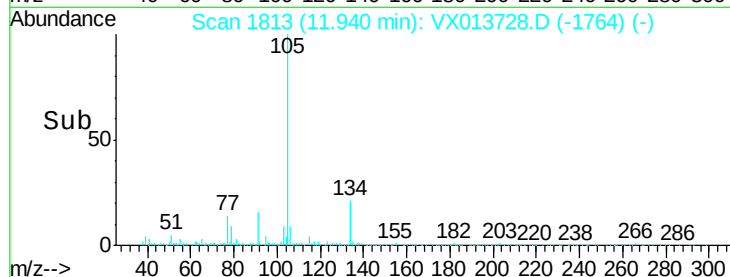
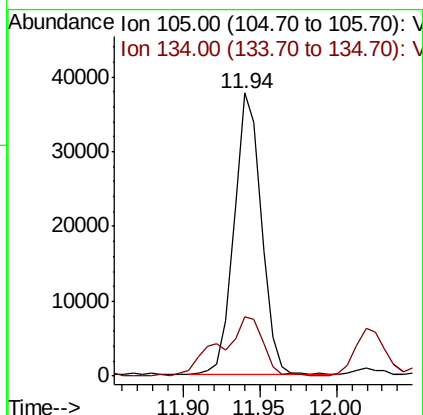
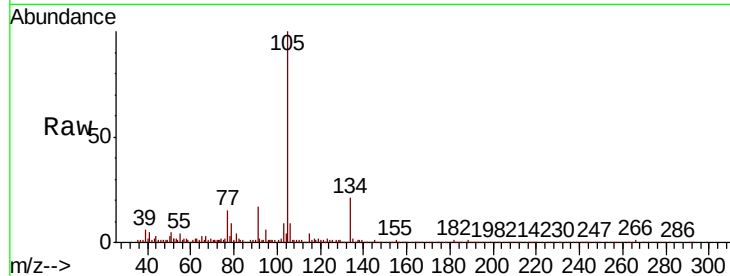




#85
 sec-Butylbenzene
 Concen: 1.676 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

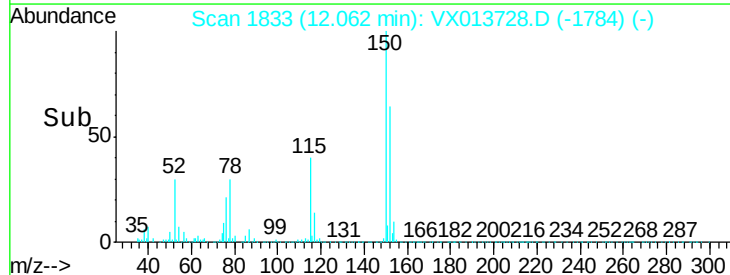
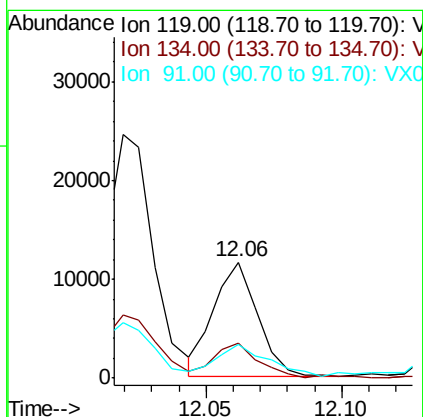
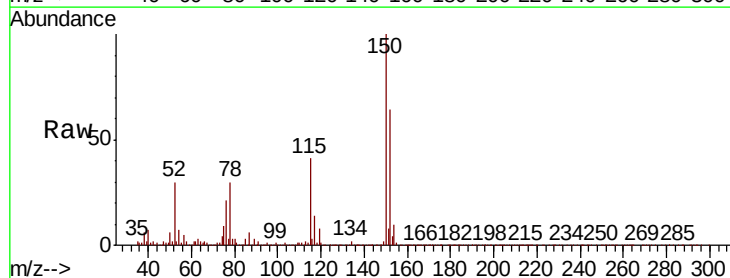
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

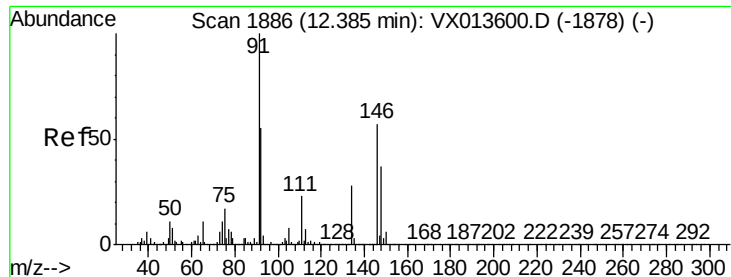
Tot Ion:105 Resp: 46570
 Ion Ratio Lower Upper
 105 100
 134 33.9 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.506 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

Tgt Ion:119 Resp: 13087
 Ion Ratio Lower Upper
 119 100
 134 30.9 13.3 39.9
 91 31.9 11.3 33.8





#89

n-Butylbenzene

Concen: 0.473 ug/l m

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S39-0191

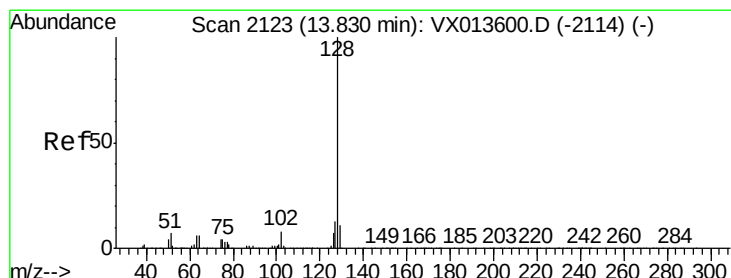
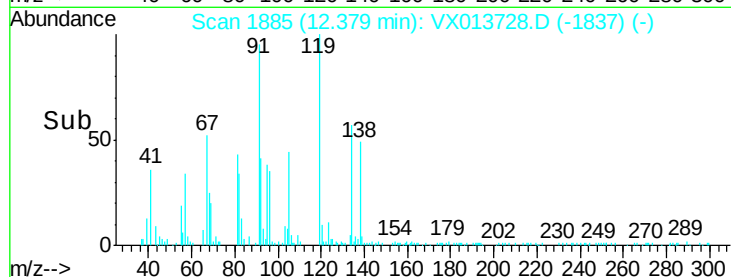
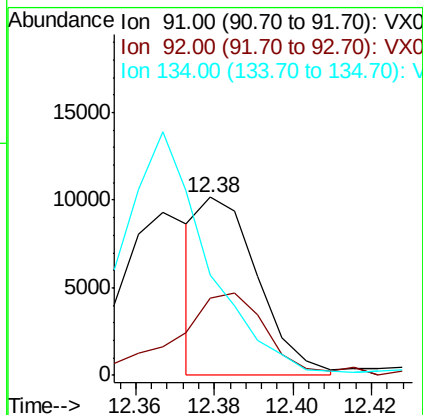
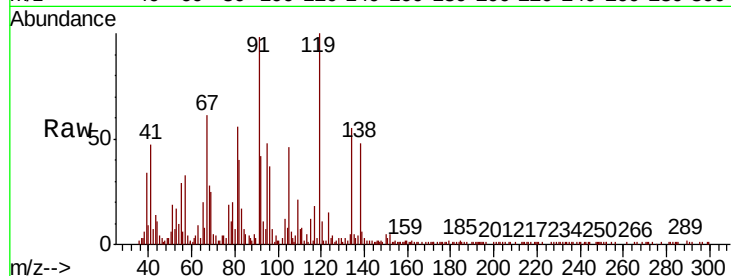
Tot Ion: 91 Resp: 10420

Ion Ratio Lower Upper

91 100

92 0.0 27.4 82.2#

134 0.0 13.5 40.4#



#95

Naphthalene

Concen: 2.502 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Tgt Ion: 128 Resp: 70541

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 13.5 8.7 13.1#

