

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100419\
 Data File : VX012819.D
 Acq On : 04 Oct 2019 18:08
 Operator : JC/SP
 Sample : K5189-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW03SR1-20191001

Quant Time: Oct 16 11:20:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99943	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	115917	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.50	113	90319	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	8.71	98	349163	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.14	95	123359	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

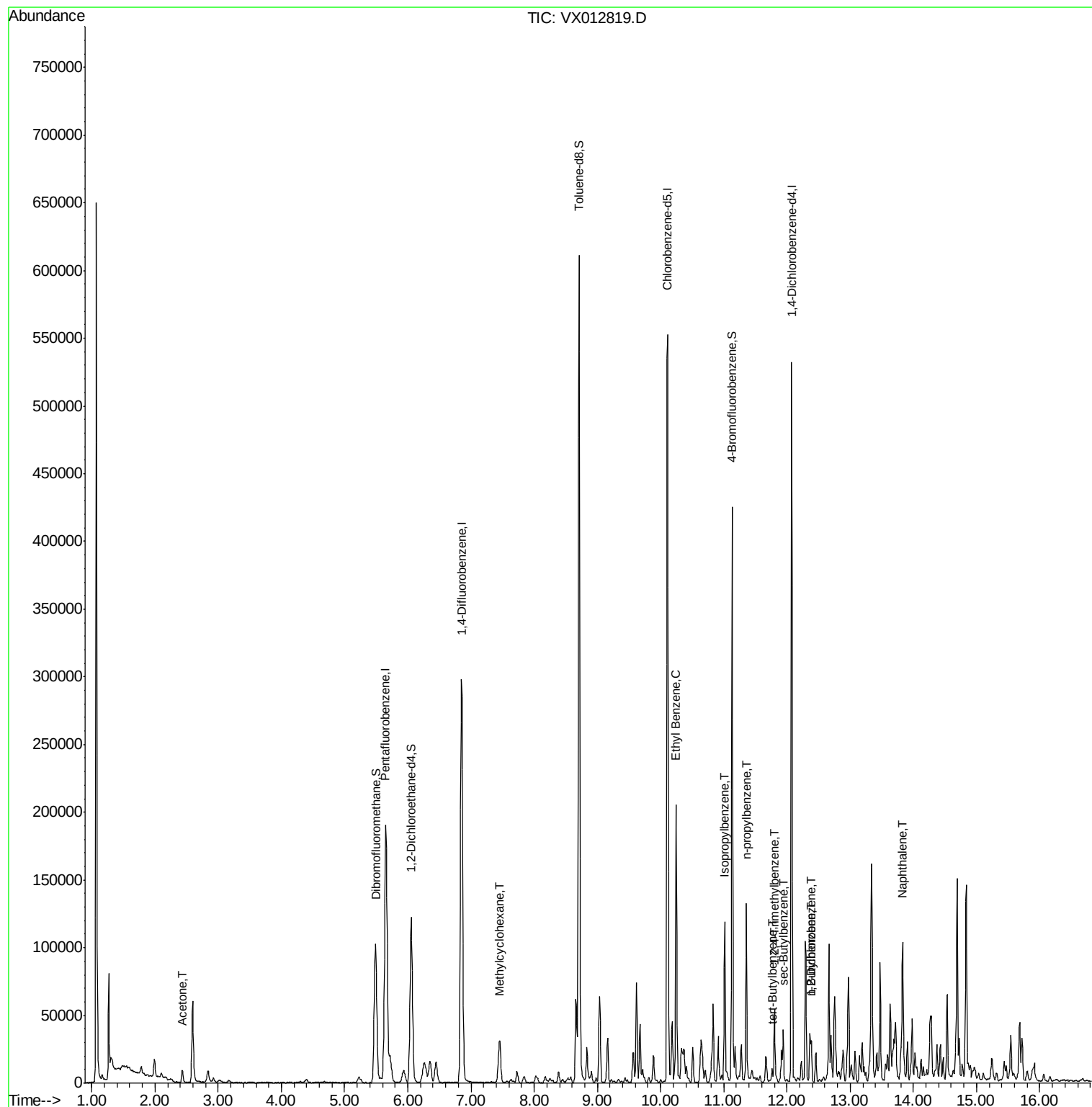
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	9290	6.881	ug/l	99
39) Methylcyclohexane	7.45	83	12656	3.680	ug/l #	84
67) Ethyl Benzene	10.25	91	114529	11.660	ug/l	98
73) Isopropylbenzene	11.01	105	59862	7.354	ug/l	99
78) n-propylbenzene	11.35	91	78861	8.605	ug/l	98
83) tert-Butylbenzene	11.76	119	3607	0.548	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	22586	3.280	ug/l	99
85) sec-Butylbenzene	11.94	105	19153	2.501	ug/l #	71
89) n-Butylbenzene	12.38	91	9490	1.558	ug/l #	80
91) 1,2-Dichlorobenzene	12.39	146	2721	0.820	ug/l	88
95) Naphthalene	13.83	128	58946	8.049	ug/l #	97

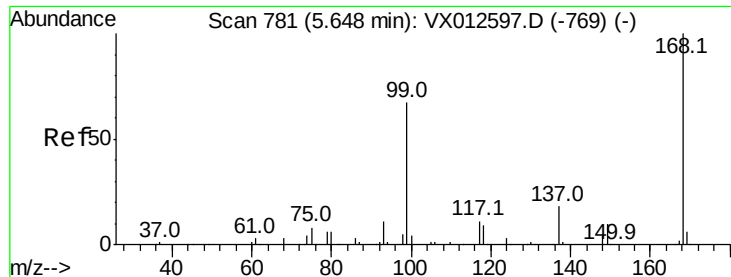
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100419\
Data File : VX012819.D
Acq On : 04 Oct 2019 18:08
Operator : JC/SP
Sample : K5189-23
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW03SR1-20191001

Quant Time: Oct 16 11:20:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

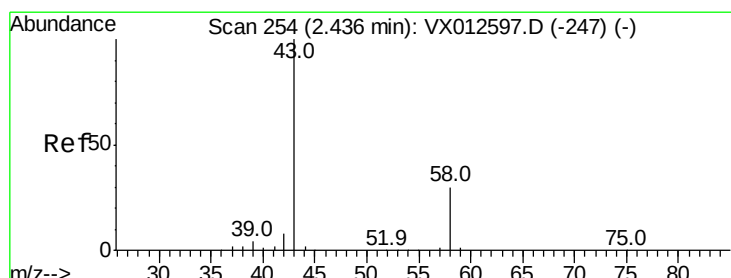
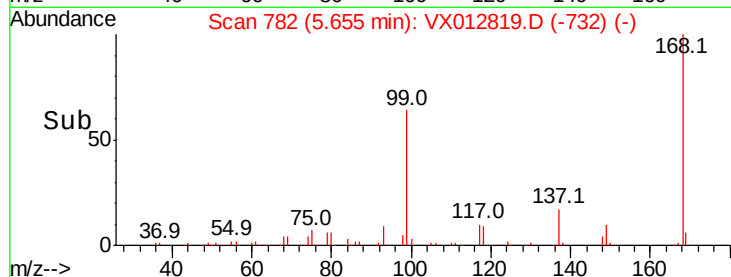
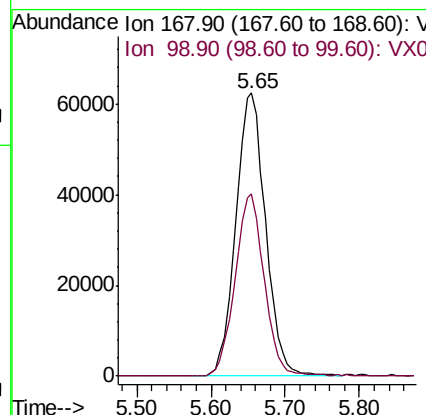
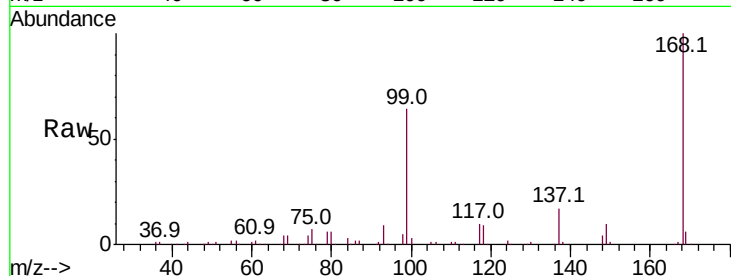




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

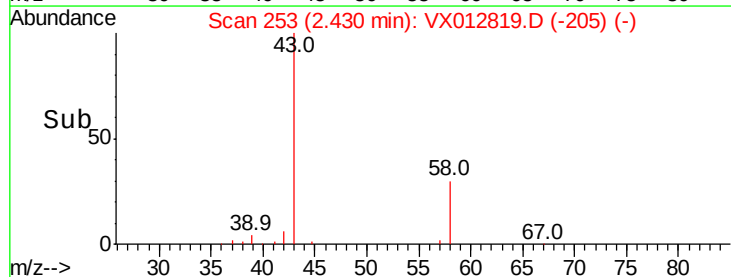
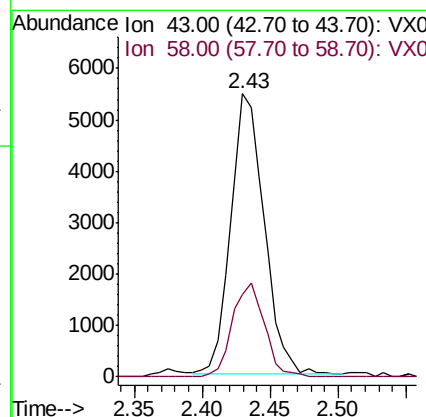
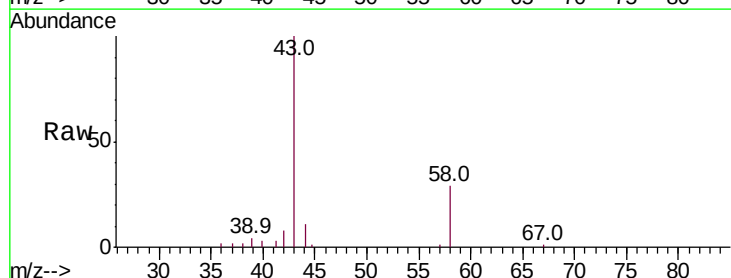
Instrument :
MSVOA_X
ClientSampleId :
FC-MW03SR1-20191001

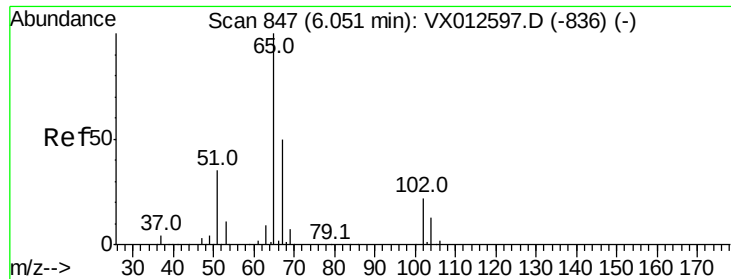
Tot Ion:168 Resp: 175025
Ion Ratio Lower Upper
168 100
99 64.3 51.4 77.2



#16
Acetone
Concen: 6.881 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

Tgt Ion: 43 Resp: 9290
Ion Ratio Lower Upper
43 100
58 29.6 23.3 34.9

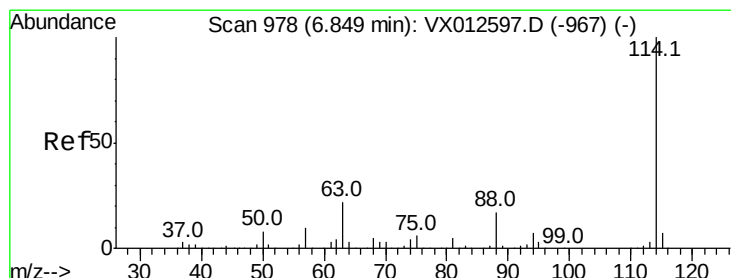
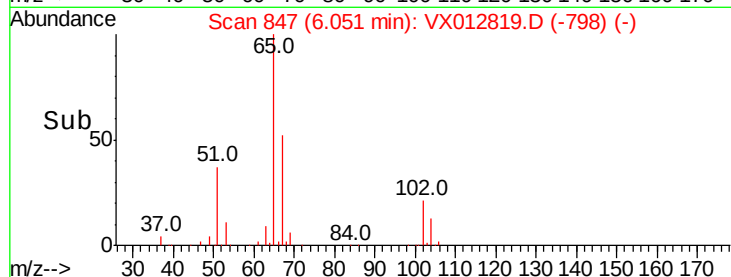
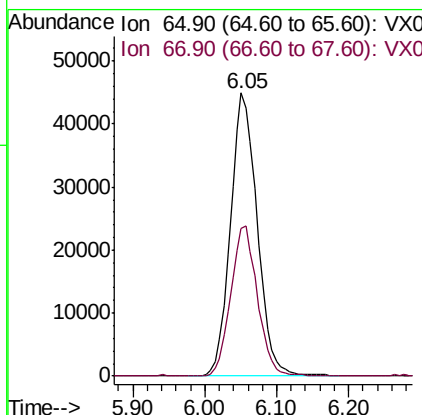
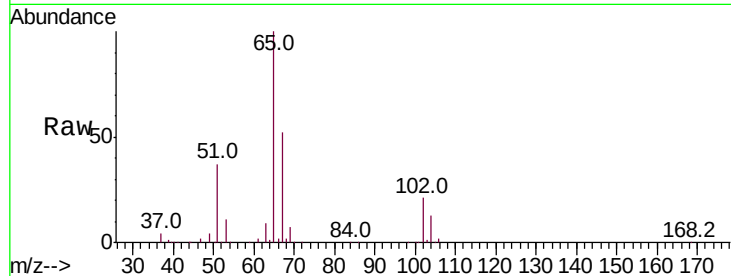




#33
 1,2-Dichloroethane-d4
 Concen: 45.481 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012819.D
 Acq: 04 Oct 2019 18:08

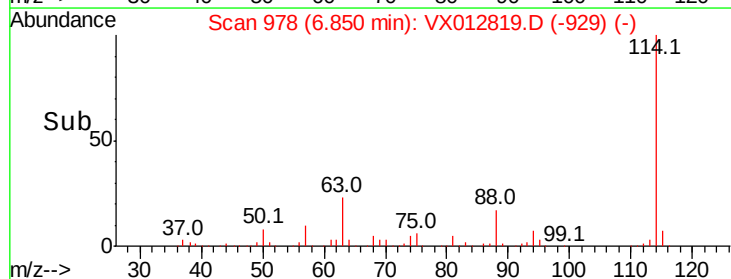
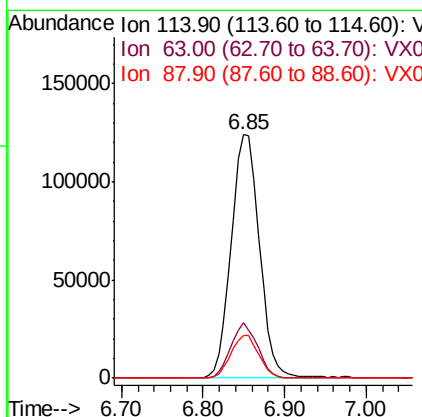
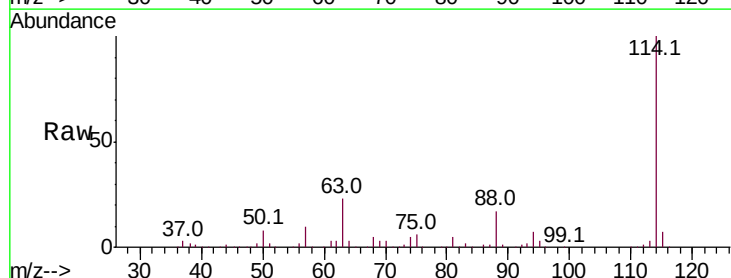
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW03SR1-20191001

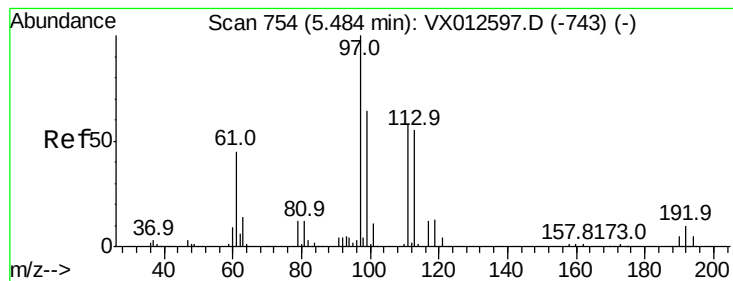
Tot Ion: 65 Resp: 115917
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012819.D
 Acq: 04 Oct 2019 18:08

Tgt Ion: 114 Resp: 296339
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.177 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

FC-MW03SR1-20191001

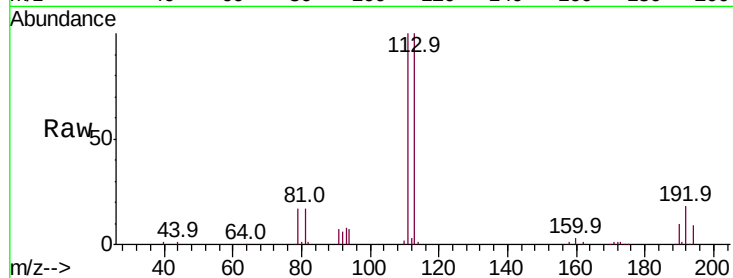
Tot Ion:113 Resp: 90319

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

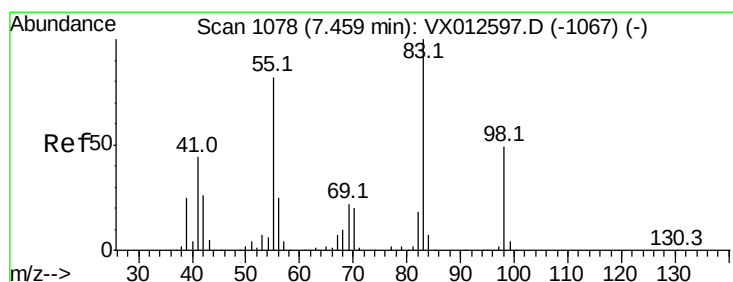
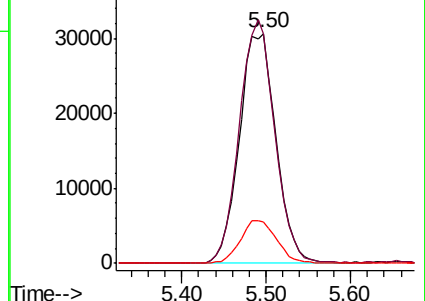
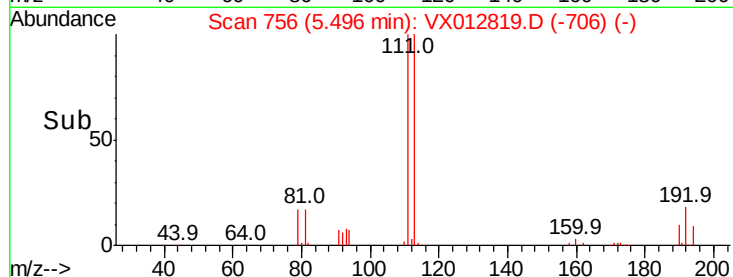
192 18.5 14.4 21.6



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



#39

Methylcyclohexane

Concen: 3.680 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

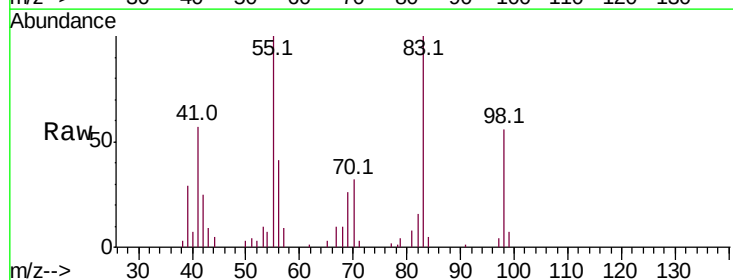
Tgt Ion: 83 Resp: 12656

Ion Ratio Lower Upper

83 100

55 99.7 64.4 96.6#

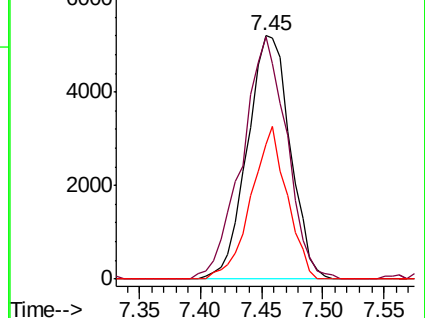
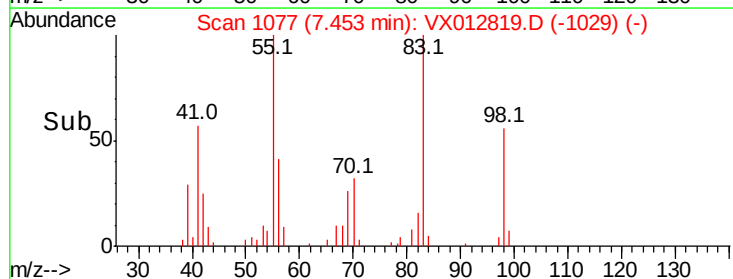
98 55.6 40.1 60.1

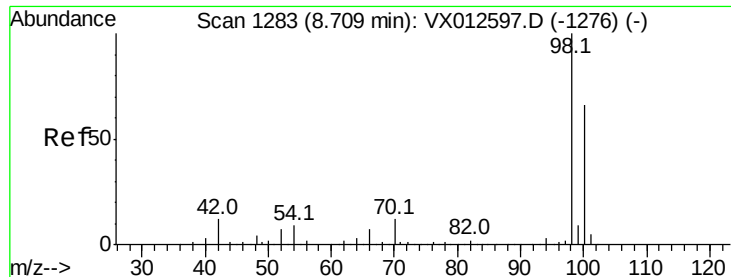


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 51.374 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

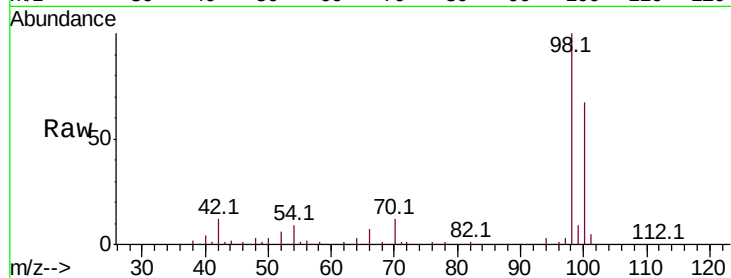
FC-MW03SR1-20191001

Tot Ion: 98 Resp: 349163

Ion Ratio Lower Upper

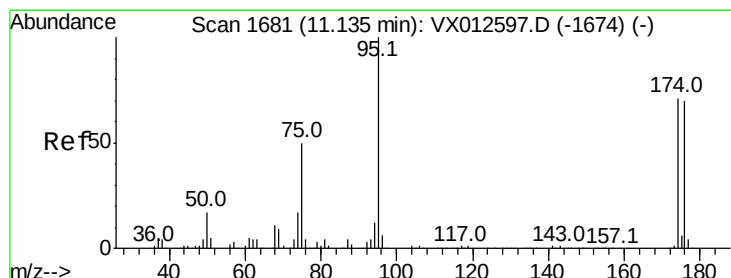
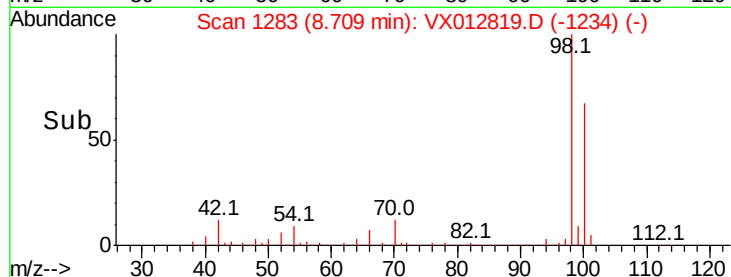
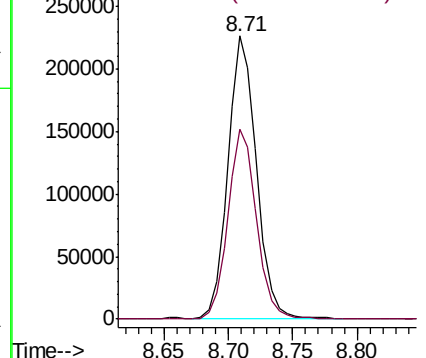
98 100

100 68.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.161 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

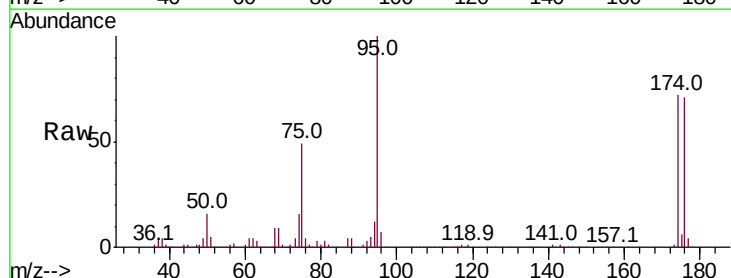
Tgt Ion: 95 Resp: 123359

Ion Ratio Lower Upper

95 100

174 69.6 0.0 140.0

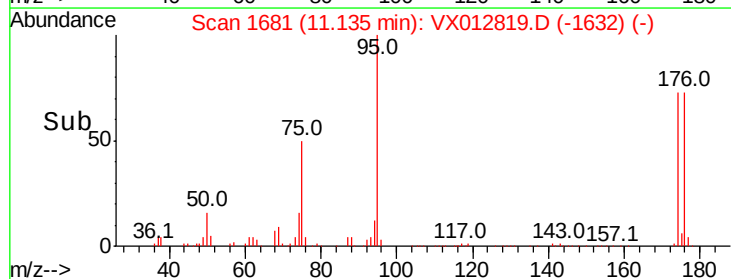
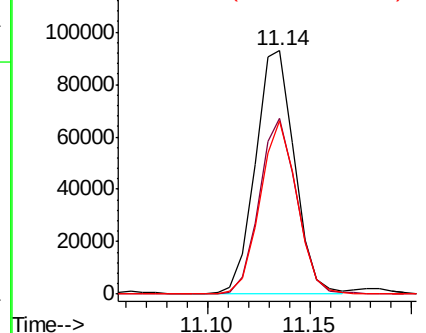
176 67.8 0.0 135.4

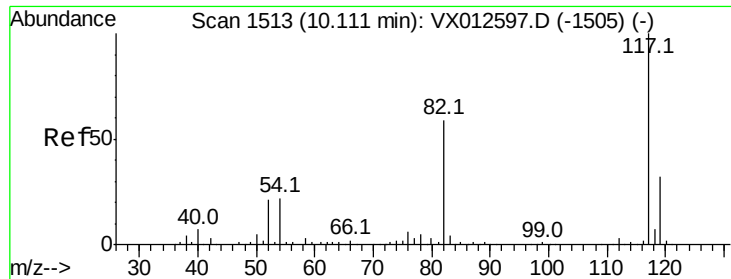


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

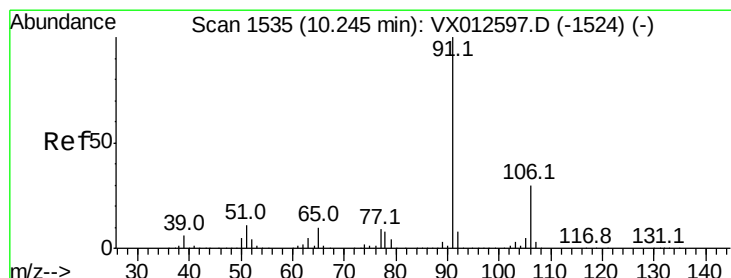
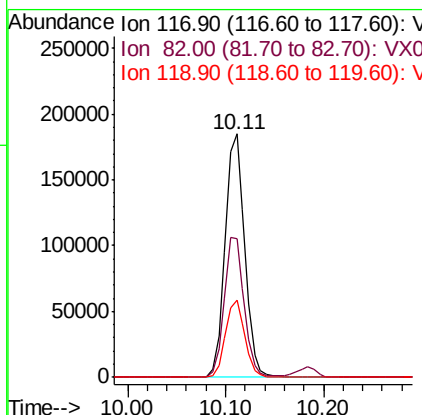
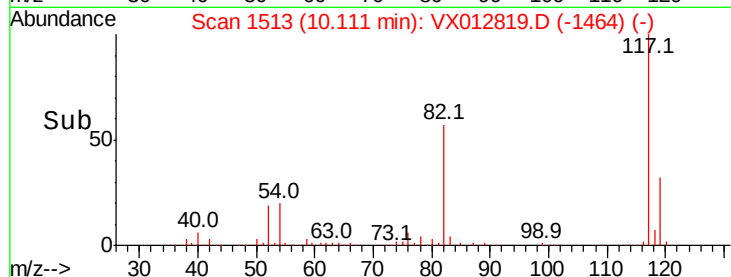
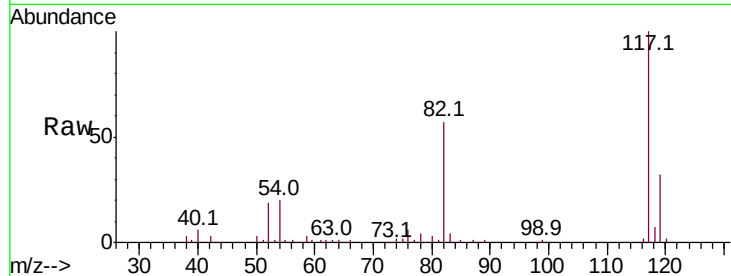




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

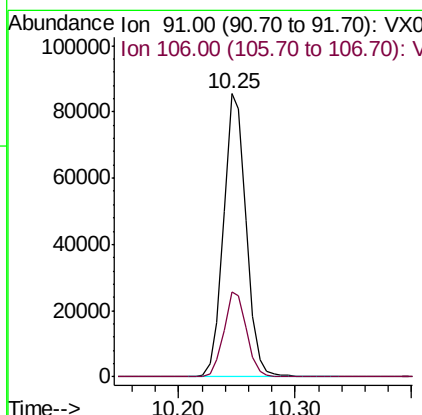
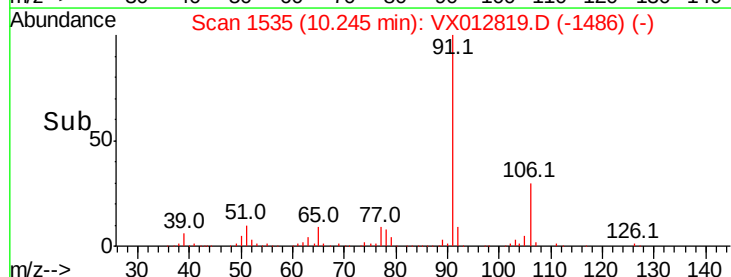
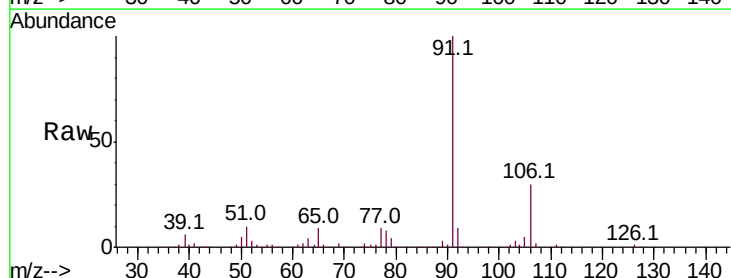
Instrument :
MSVOA_X
ClientSampleId :
FC-MW03SR1-20191001

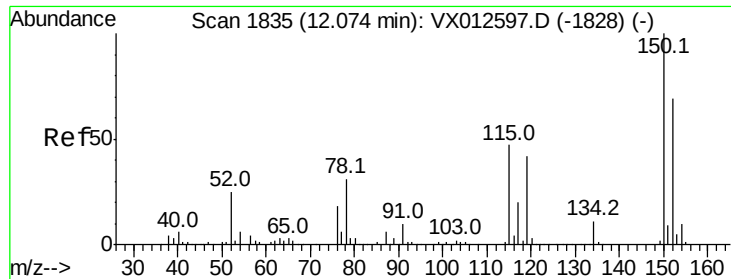
Tot Ion:117 Resp: 257178
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 31.9 25.3 37.9



#67
Ethyl Benzene
Concen: 11.660 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

Tgt Ion: 91 Resp: 114529
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0

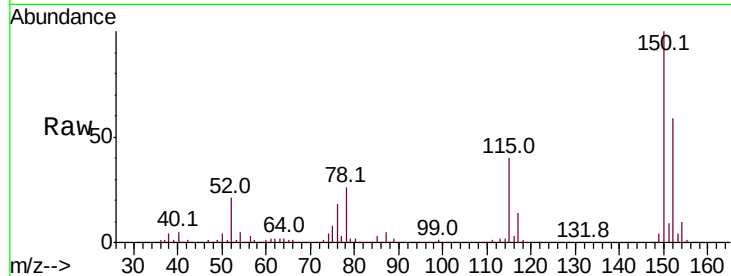




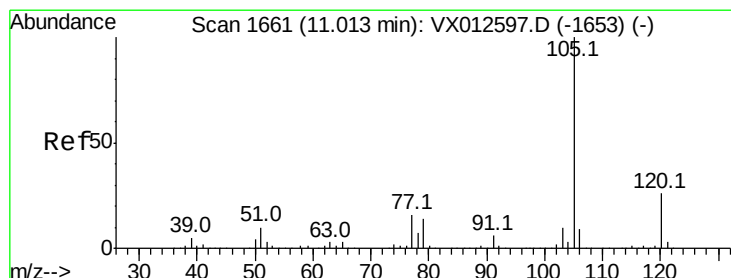
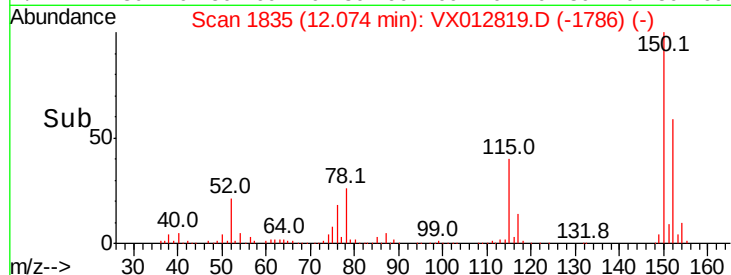
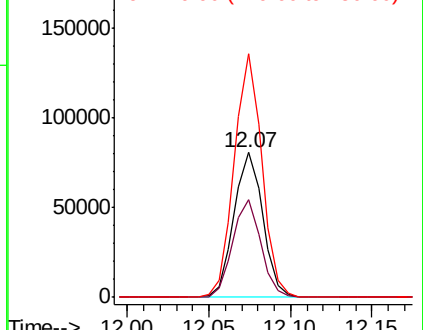
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012819.D
 Acq: 04 Oct 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW03SR1-20191001

Tot Ion:152 Resp: 99943
 Ion Ratio Lower Upper
 152 100
 115 65.5 44.1 132.3
 150 160.2 0.0 343.8

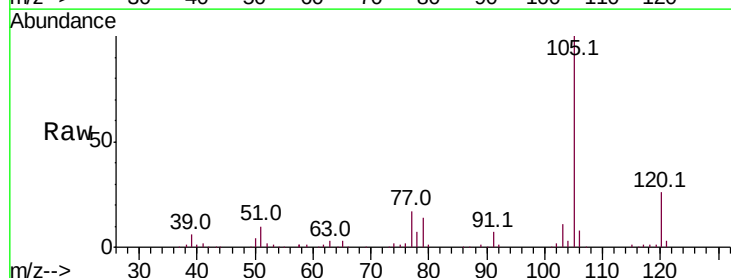


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

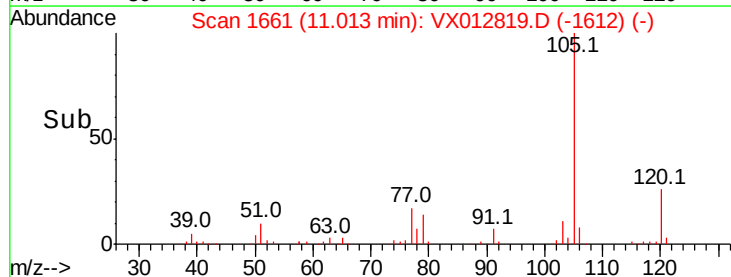
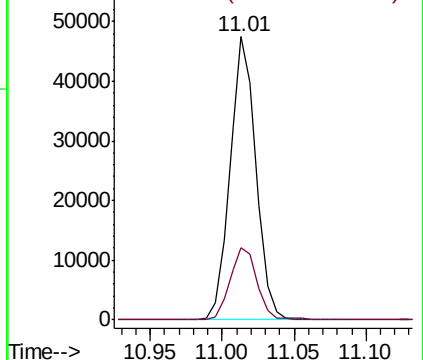


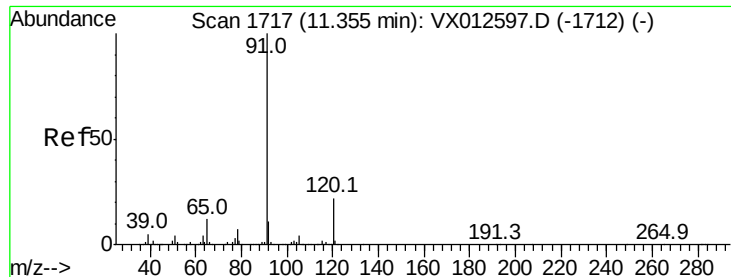
#73
 Isopropylbenzene
 Concen: 7.354 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012819.D
 Acq: 04 Oct 2019 18:08

Tgt Ion:105 Resp: 59862
 Ion Ratio Lower Upper
 105 100
 120 26.4 12.9 38.7



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





#78

n-propylbenzene

Concen: 8.605 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

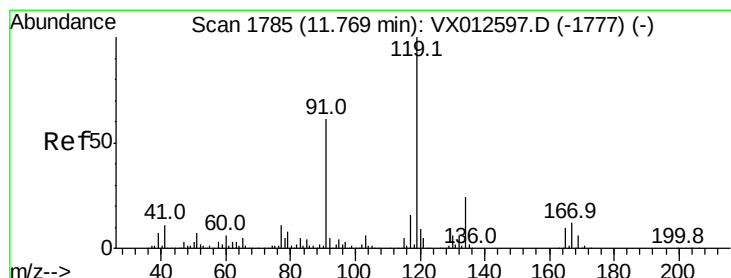
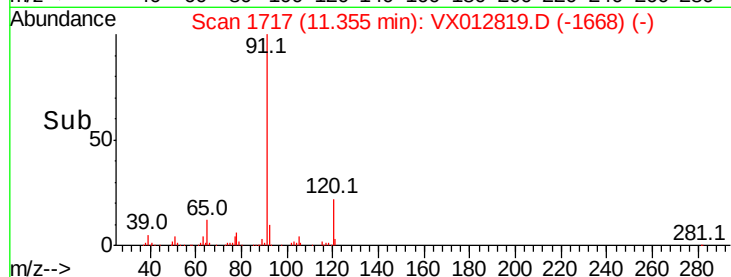
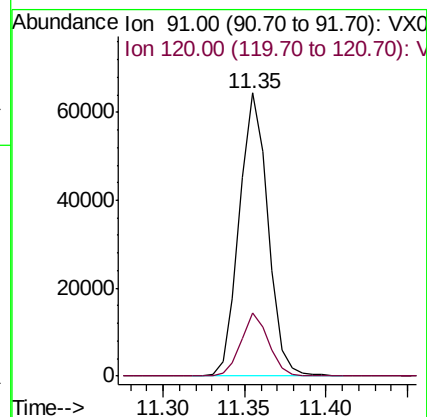
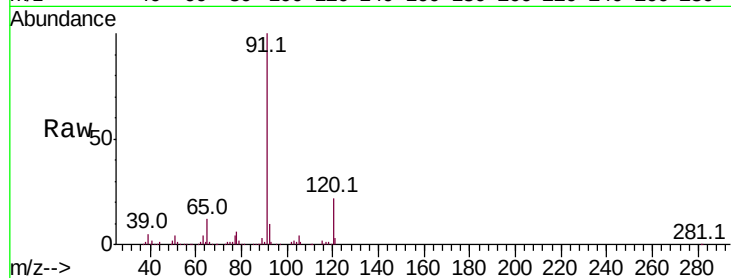
FC-MW03SR1-20191001

Tot Ion: 91 Resp: 78861

Ion Ratio Lower Upper

91 100

120 21.6 11.3 33.8



#83

tert-Butylbenzene

Concen: 0.548 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

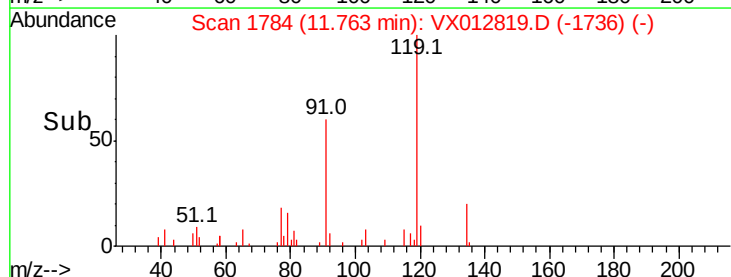
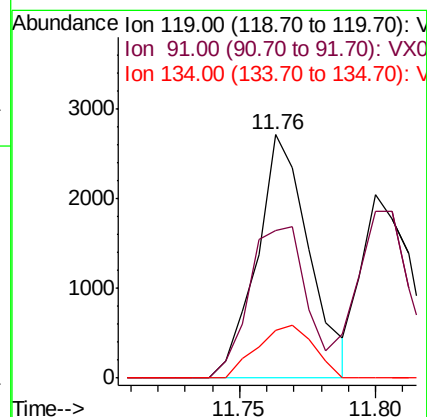
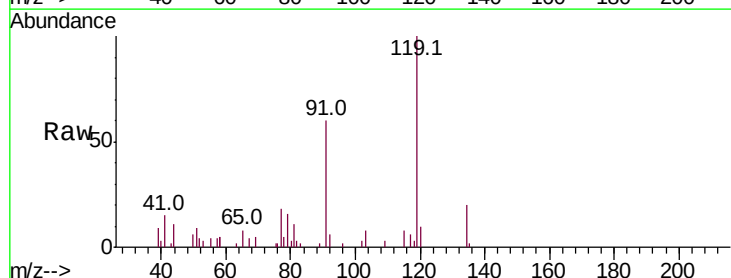
Tgt Ion: 119 Resp: 3607

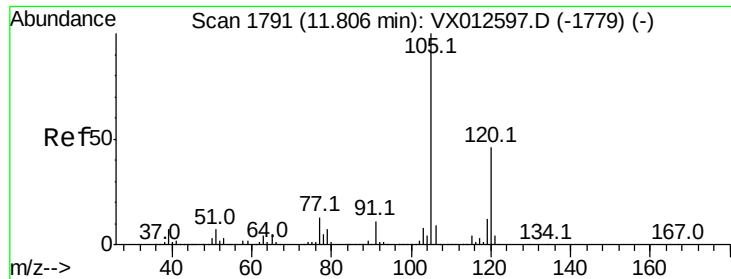
Ion Ratio Lower Upper

119 100

91 68.3 30.0 90.0

134 23.4 11.3 33.9

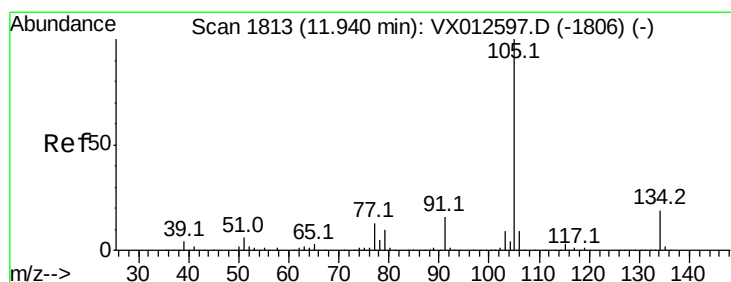
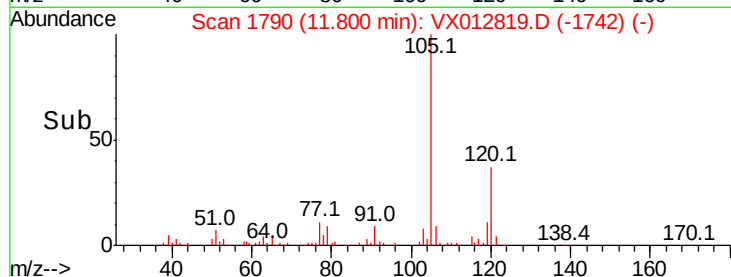
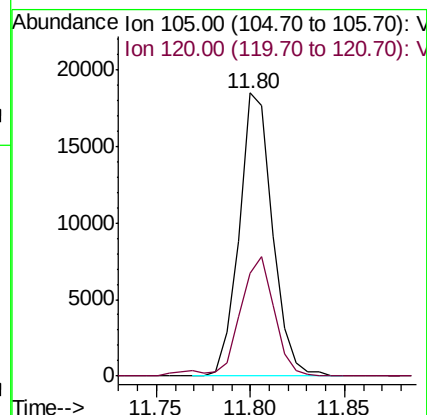
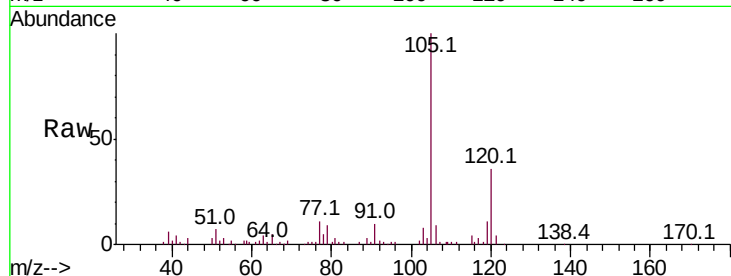




#84
1,2,4-Trimethylbenzene
Concen: 3.280 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

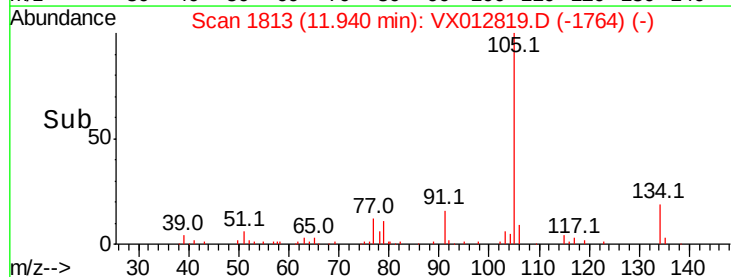
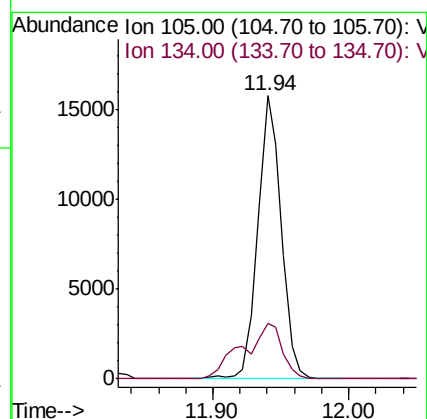
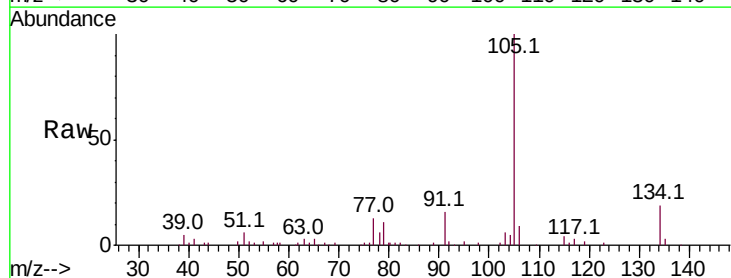
Instrument :
MSVOA_X
ClientSampleId :
FC-MW03SR1-20191001

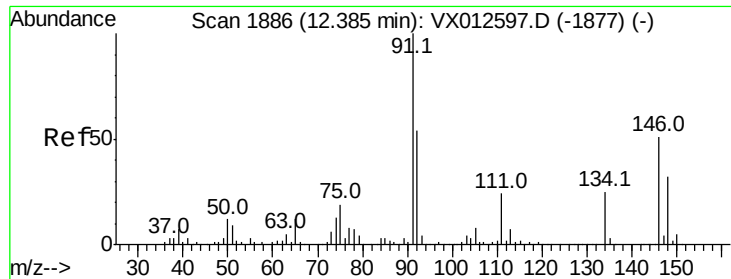
Tot Ion:105 Resp: 22586
Ion Ratio Lower Upper
105 100
120 43.7 22.2 66.6



#85
sec-Butylbenzene
Concen: 2.501 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

Tgt Ion:105 Resp: 19153
Ion Ratio Lower Upper
105 100
134 33.0 9.8 29.4#





#89

n-Butylbenzene

Concen: 1.558 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

FC-MW03SR1-20191001

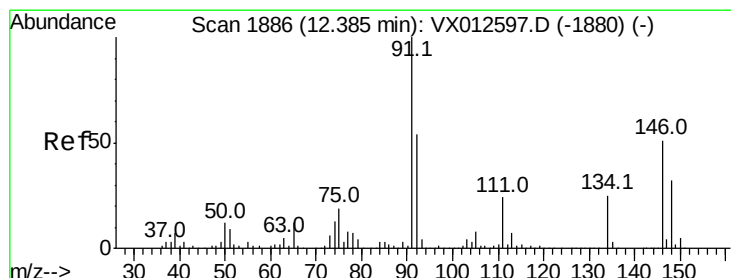
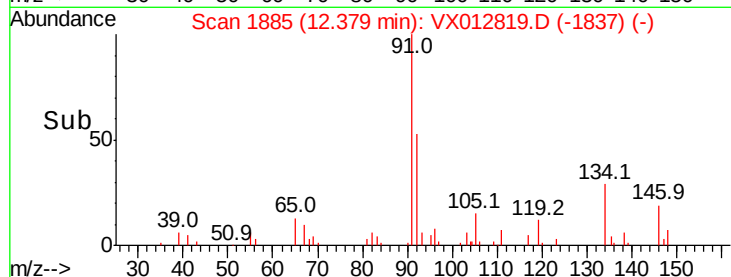
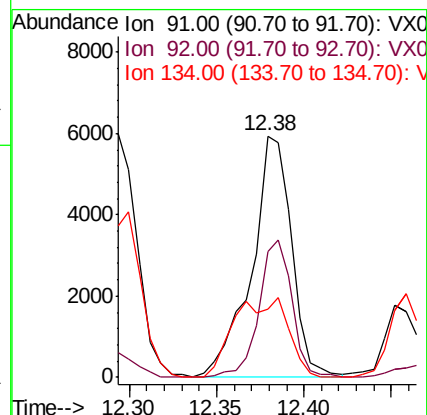
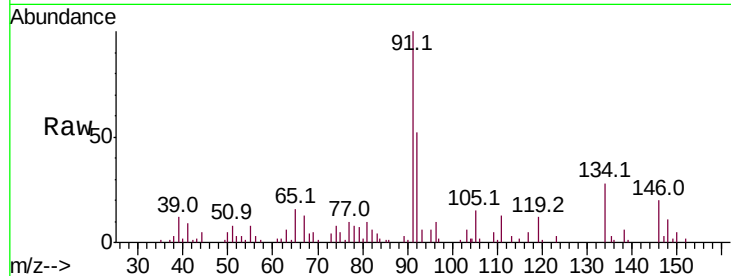
Tot Ion: 91 Resp: 9490

Ion Ratio Lower Upper

91 100

92 46.7 27.7 83.0

134 44.4 12.9 38.6#



#91

1,2-Dichlorobenzene

Concen: 0.820 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012819.D

Acq: 04 Oct 2019 18:08

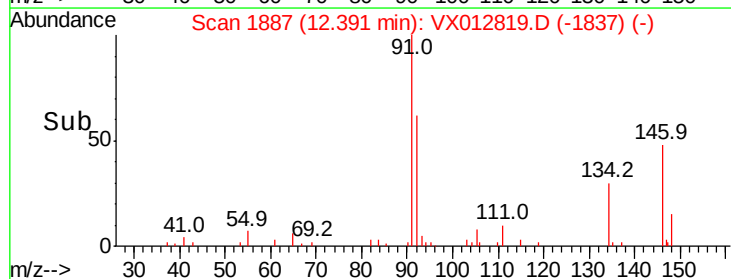
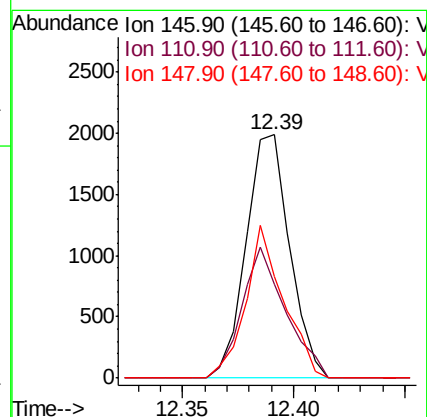
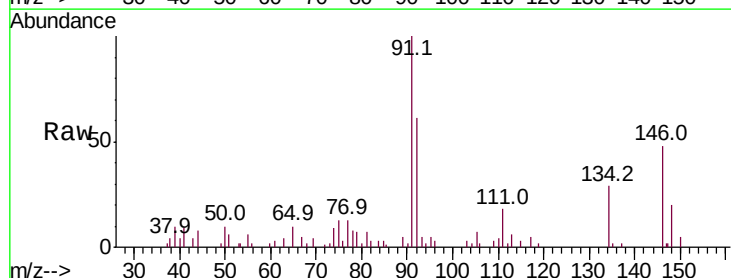
Tgt Ion: 146 Resp: 2721

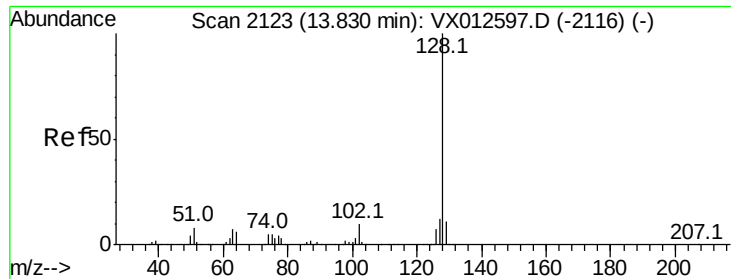
Ion Ratio Lower Upper

146 100

111 53.5 22.1 66.1

148 54.4 31.3 93.9





#95
Naphthalene
Concen: 8.049 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012819.D
Acq: 04 Oct 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
FC-MW03SR1-20191001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	13.2	8.8	13.2#

