

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013711.D
 Acq On : 29 Nov 2019 19:06
 Operator : JC/SP
 Sample : K6027-09DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Dec 02 07:17:54 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

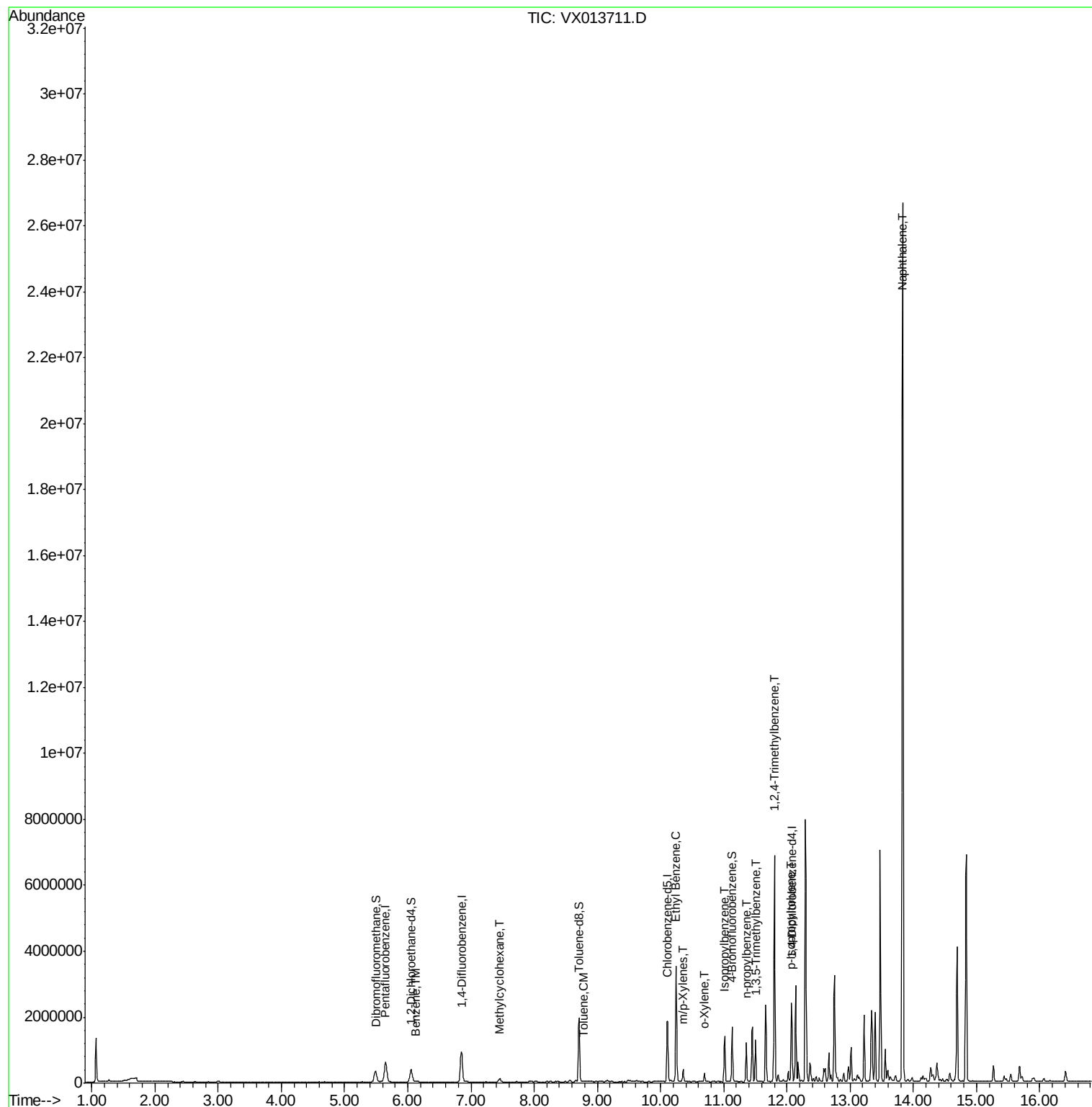
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	625942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	348307	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.48	113	277807	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.71	98	1155868	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.14	95	431328	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.45	83	44508	4.106	ug/l	91
40) Benzene	6.13	78	31251	1.170	ug/l	98
52) Toluene	8.78	92	8261	0.498	ug/l	92
67) Ethyl Benzene	10.25	91	2002299	64.014	ug/l	99
68) m/p-Xylenes	10.36	106	86195	7.198	ug/l	96
69) o-Xylene	10.70	106	57988	4.965	ug/l	96
73) Isopropylbenzene	11.01	105	717741	21.300	ug/l	100
78) n-propylbenzene	11.35	91	700276	18.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	520718	18.855	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	2992738	106.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	73879m	2.477	ug/l	
95) Naphthalene	13.82	128	13665776	419.964	ug/l #	88

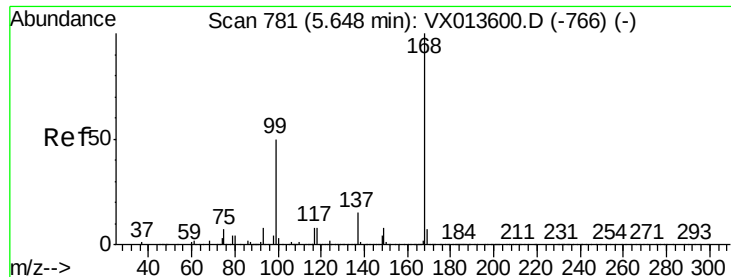
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013711.D
Acq On : 29 Nov 2019 19:06
Operator : JC/SP
Sample : K6027-09DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Dec 02 07:17:54 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# 781

Delta R.T. 0.00 min

Lab File: VX013711.D

Acq: 29 Nov 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

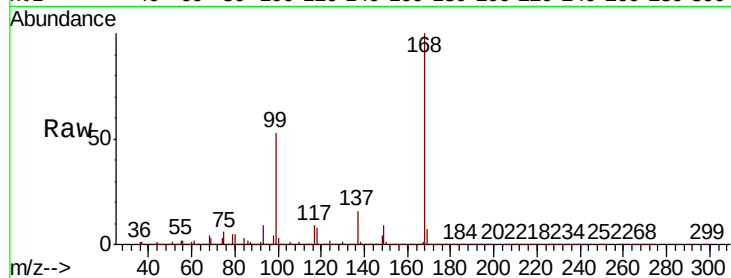
MW-12DL

Tot Ion:168 Resp: 625942

Ion Ratio Lower Upper

168 100

99 52.8 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

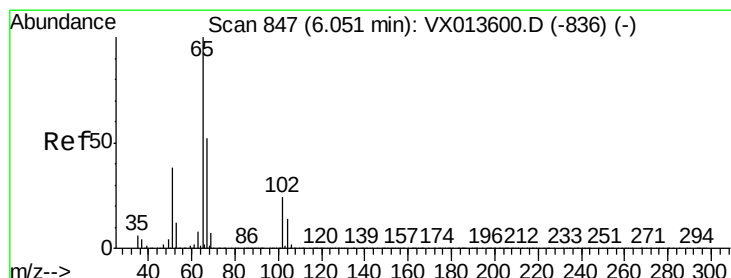
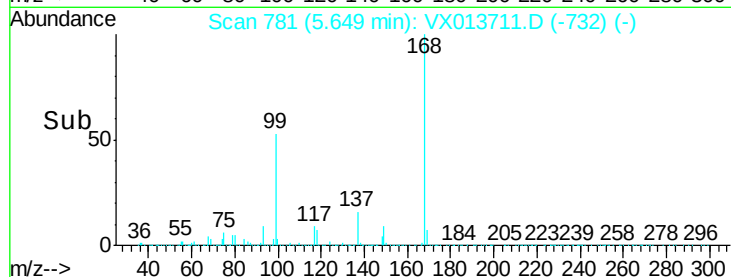
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.938 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013711.D

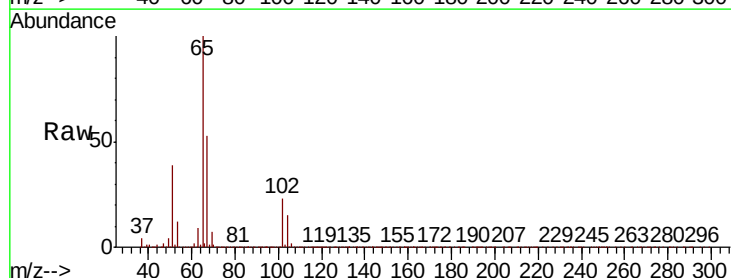
Acq: 29 Nov 2019 19:06

Tgt Ion: 65 Resp: 348307

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

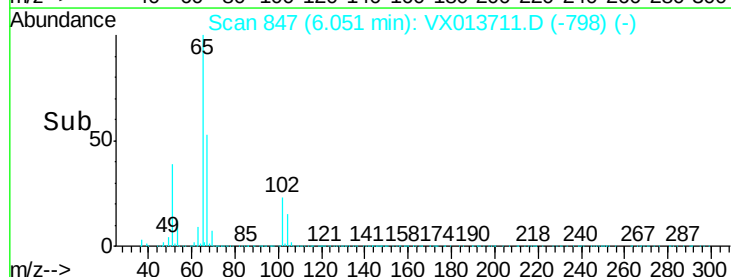
100000

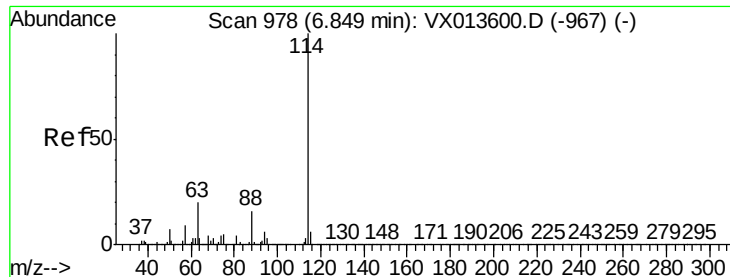
50000

0

Time-->

6.00 6.10

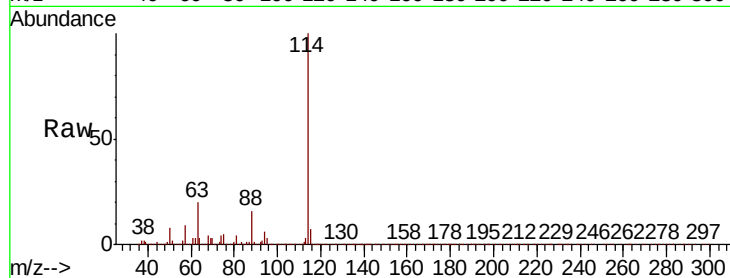




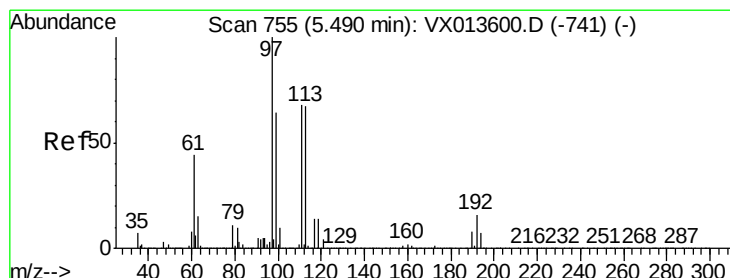
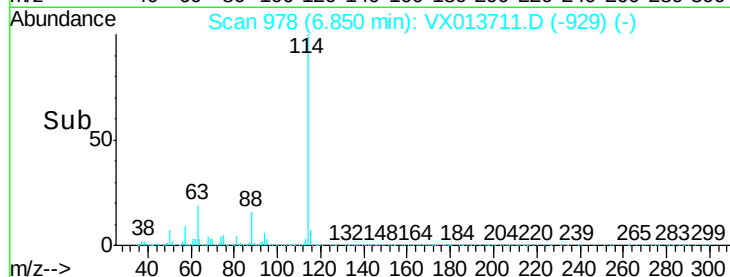
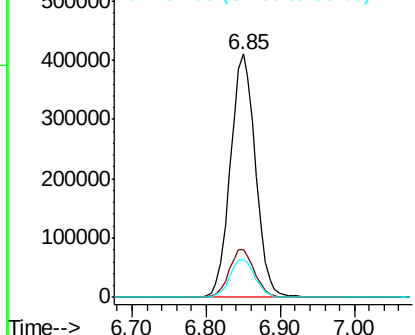
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013711.D
 Acq: 29 Nov 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.6	0.0	31.4

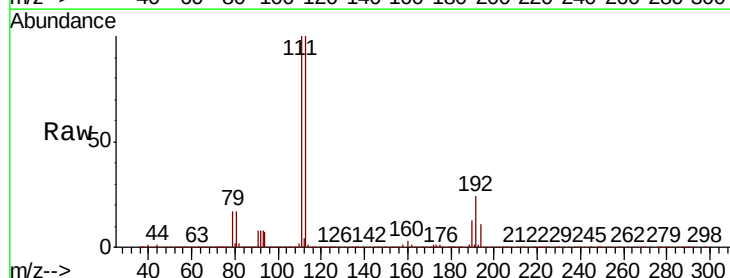


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

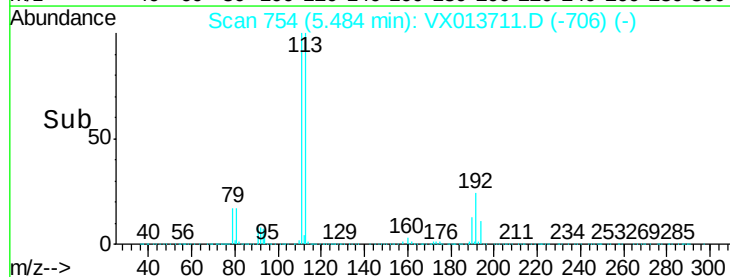
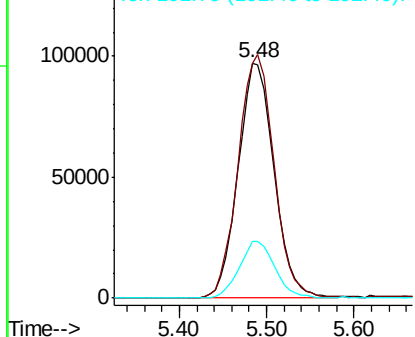


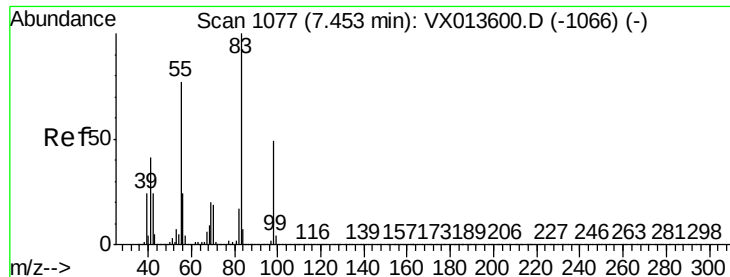
#35
 Dibromofluoromethane
 Concen: 46.511 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013711.D
 Acq: 29 Nov 2019 19:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.6	125.4
192	23.9	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

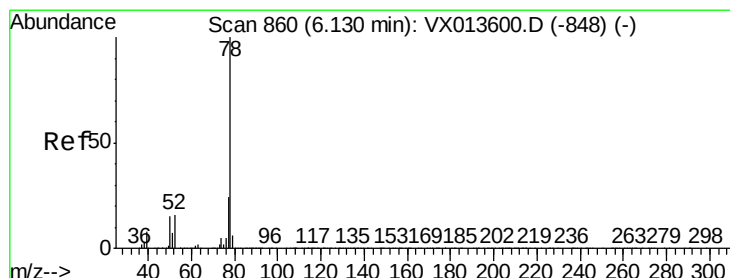
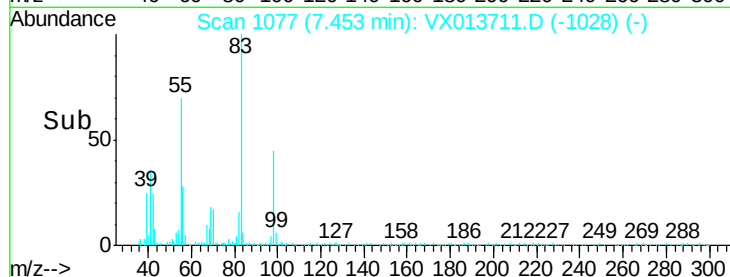
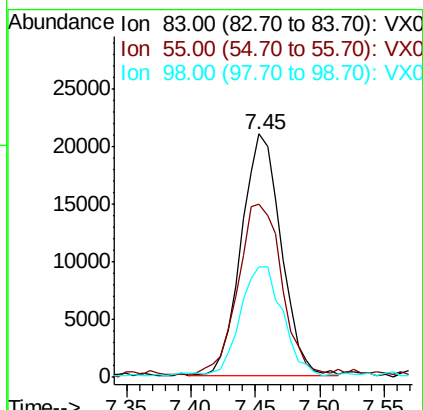
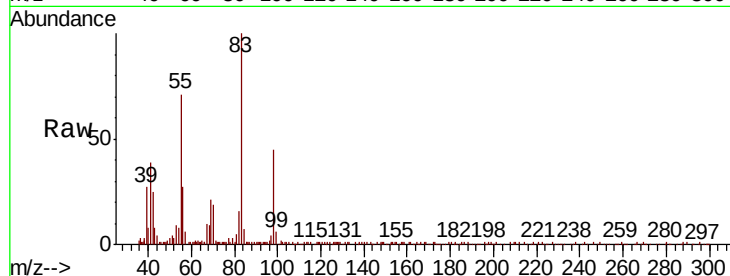




#39
Methylvlcyclohexane
Concen: 4.106 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

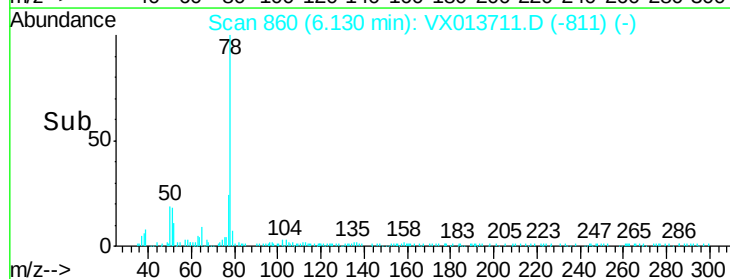
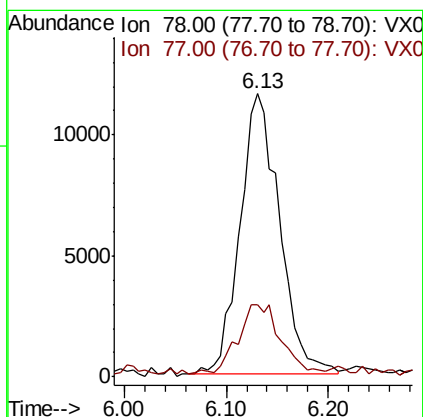
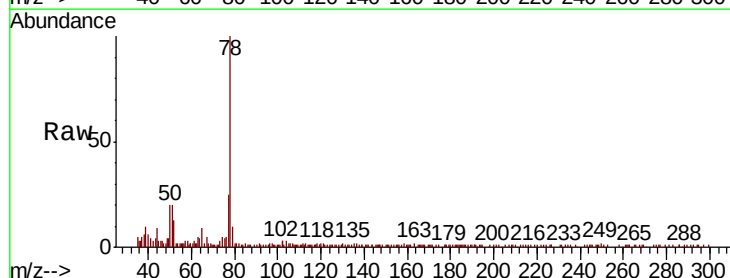
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

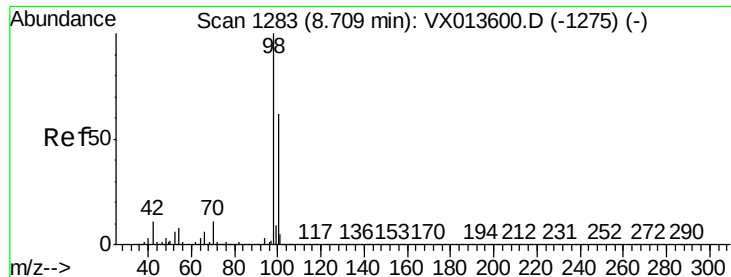
Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	61.9	92.9
98	44.7	39.4	59.0



#40
Benzene
Concen: 1.170 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4

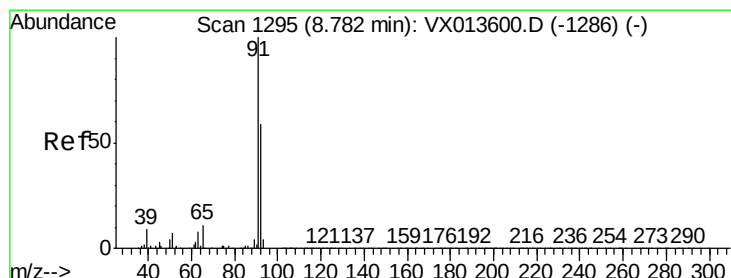
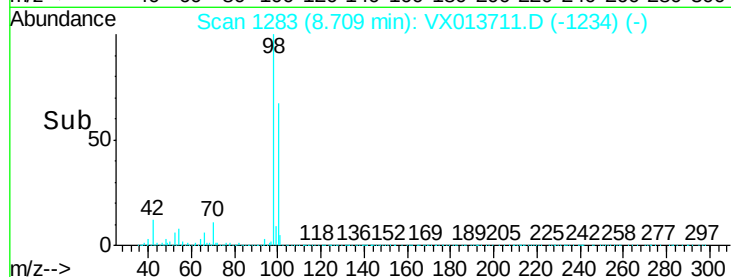
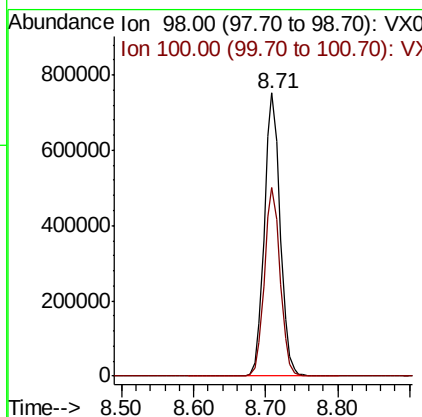
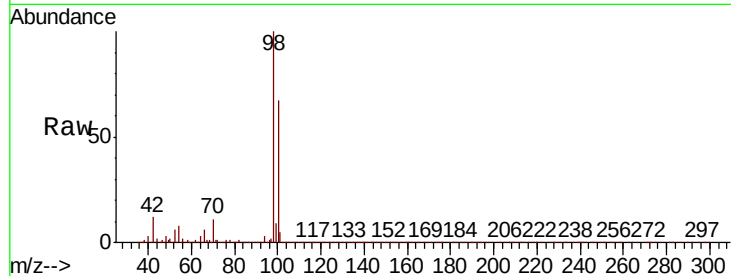




#50
Toluene-d8
Concen: 49.669 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

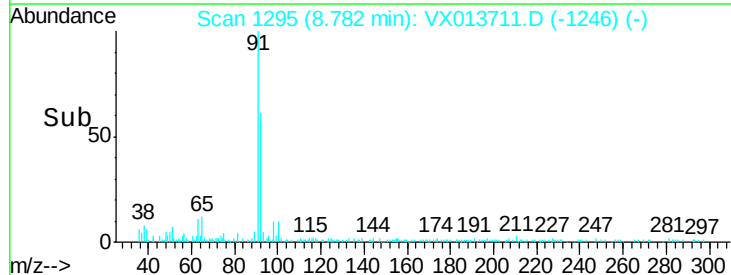
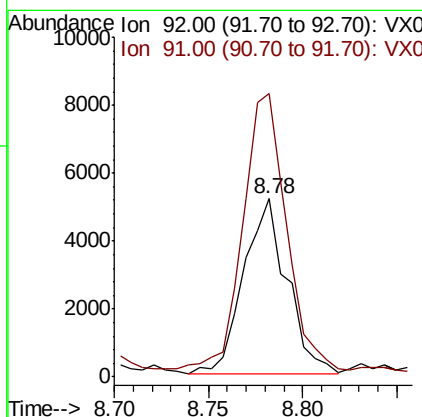
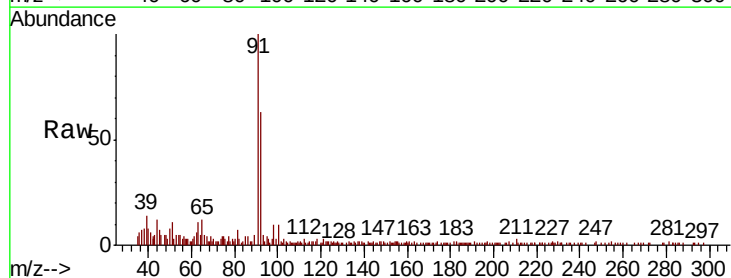
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

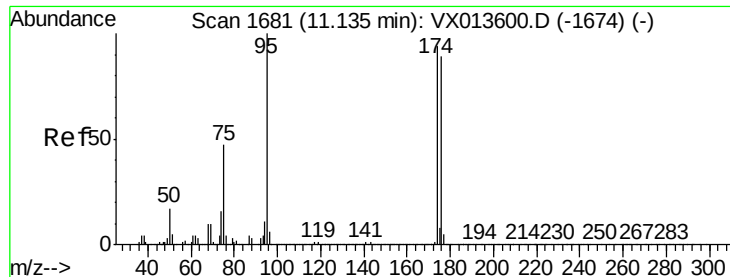
Tot Ion: 98 Resp: 1155868
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#52
Toluene
Concen: 0.498 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

Tgt Ion: 92 Resp: 8261
Ion Ratio Lower Upper
92 100
91 159.0 136.2 204.2

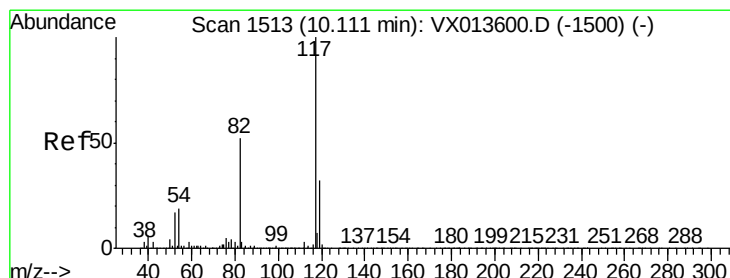
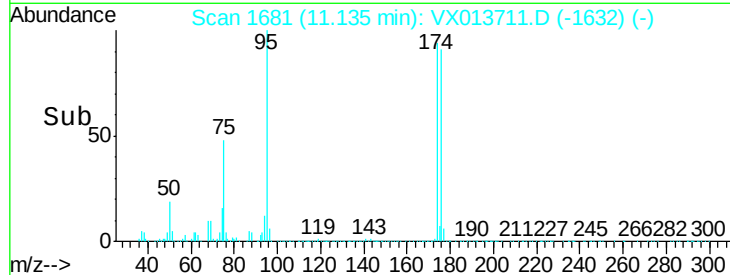
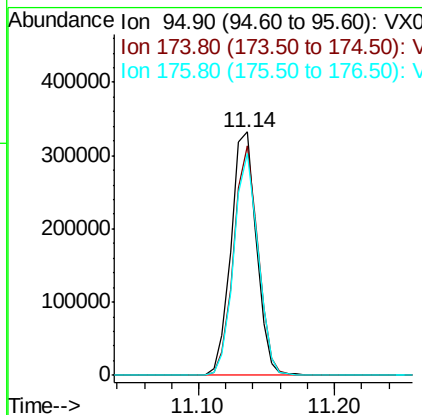
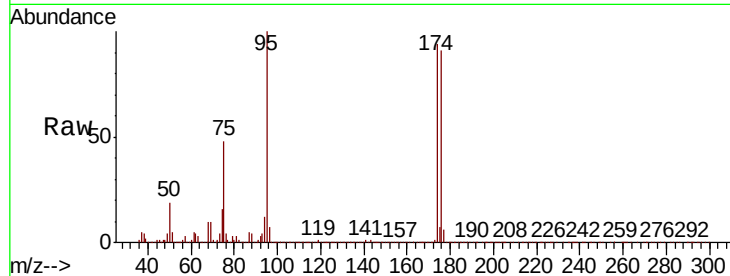




#62
4-Bromofluorobenzene
Concen: 51.399 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

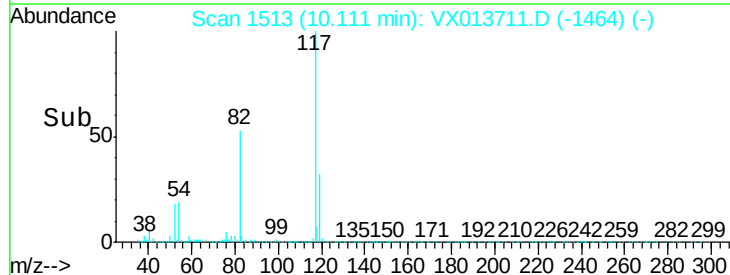
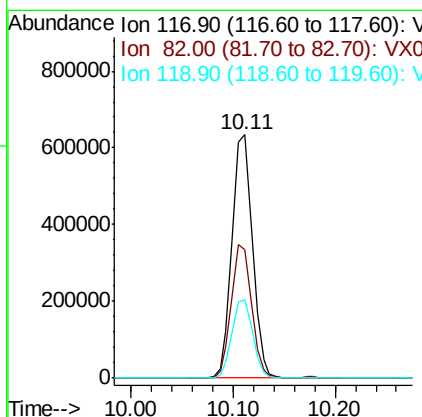
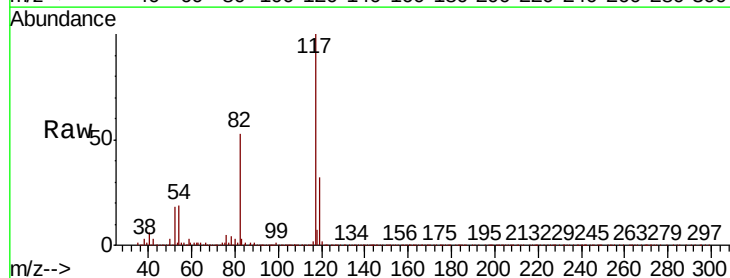
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

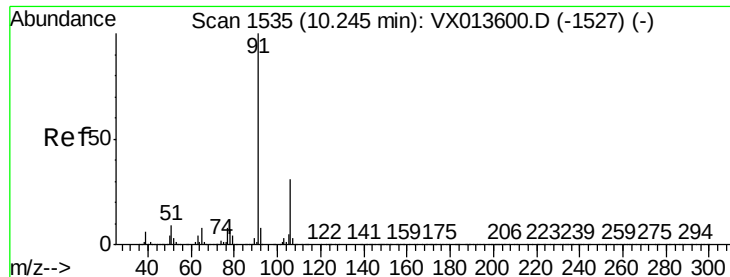
Tot Ion: 95 Resp: 431328
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.0
176 87.9 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

Tgt Ion: 117 Resp: 876720
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.2 25.8 38.8

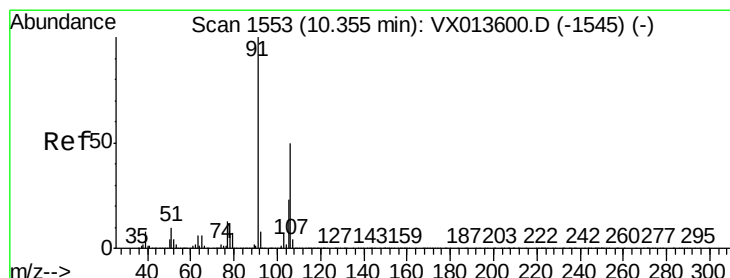
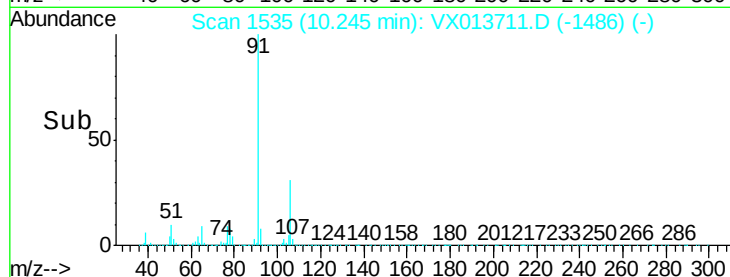
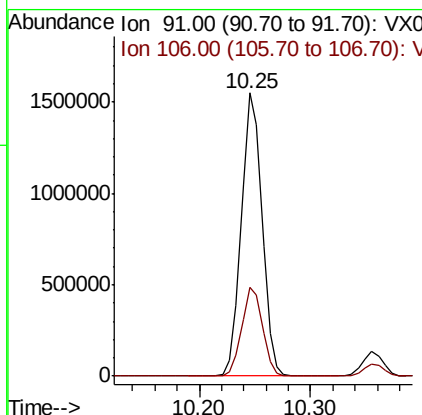
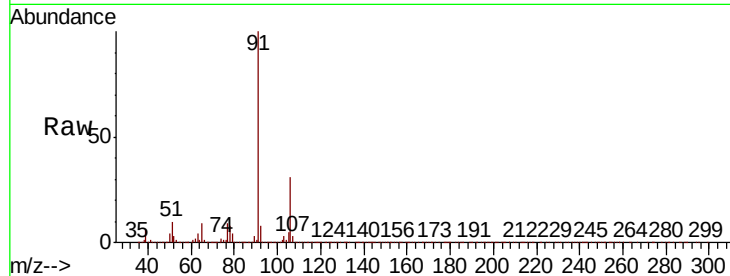




#67
Ethyl Benzene
Concen: 64.014 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

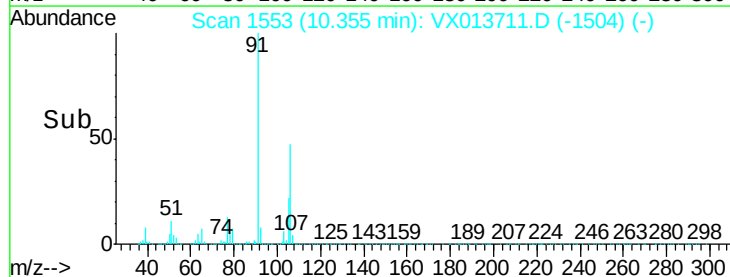
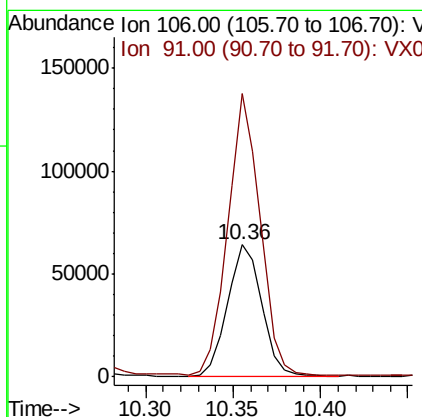
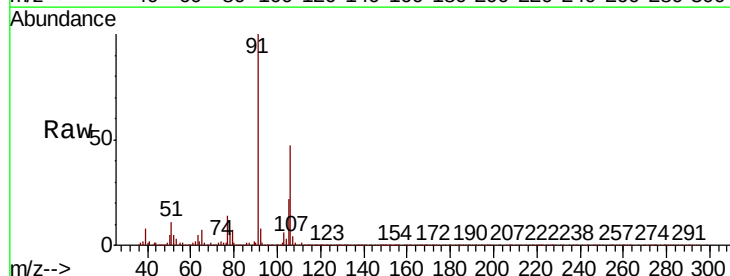
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

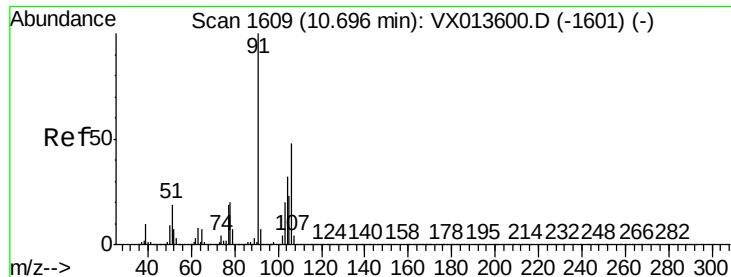
Tot Ion: 91 Resp: 2002299
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 7.198 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

Tgt Ion: 106 Resp: 86195
Ion Ratio Lower Upper
106 100
91 205.1 159.0 238.4

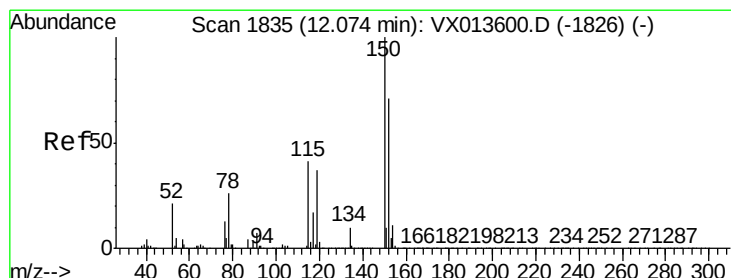
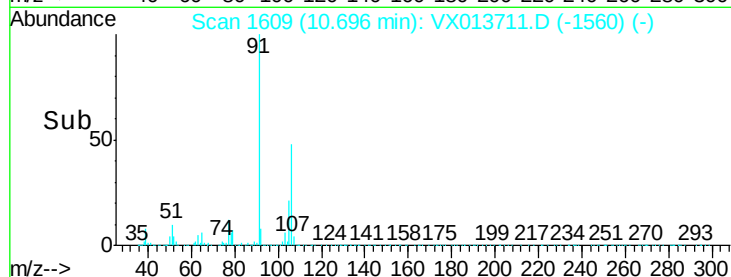
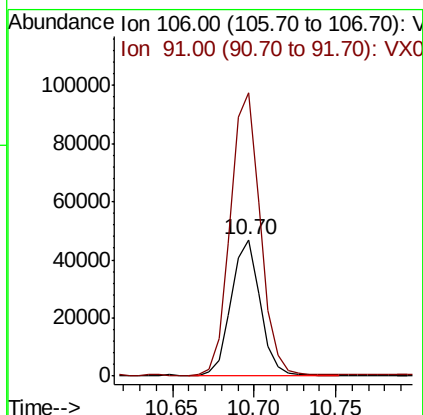
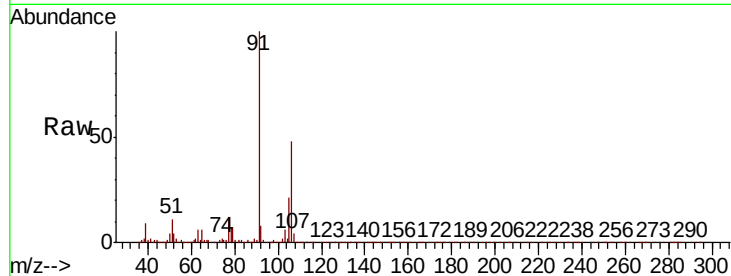




#69
o-Xylene
Concen: 4.965 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

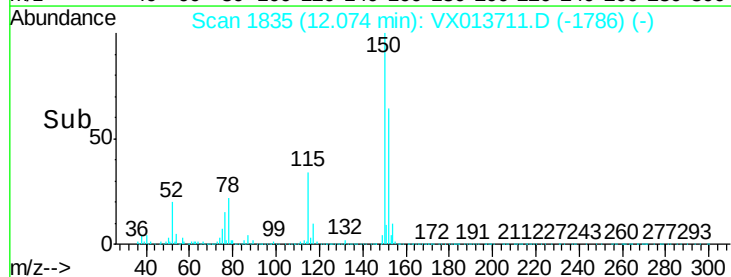
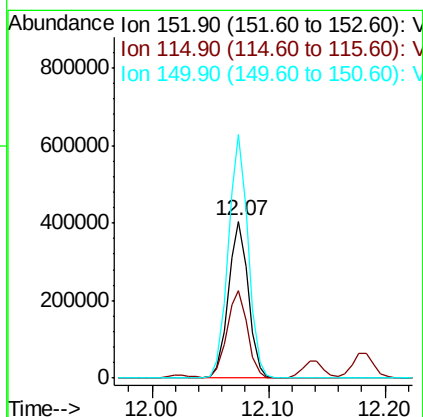
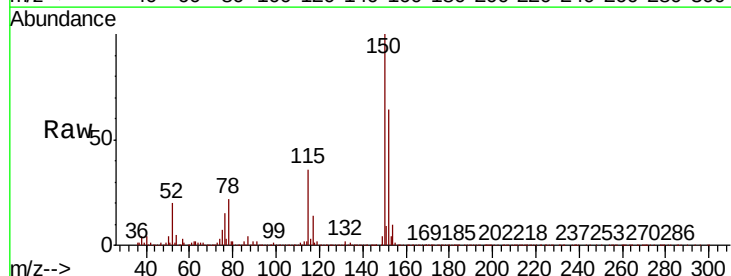
Instrument :
MSVOA_X
ClientSampled :
MW-12DL

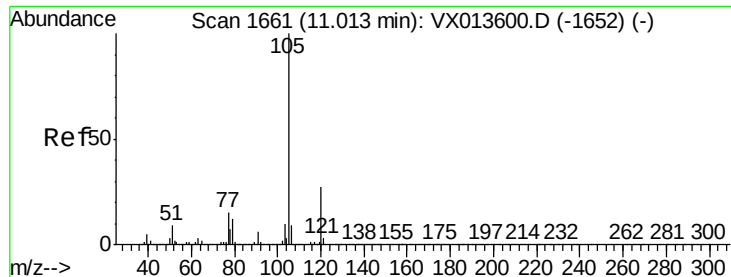
Tot Ion:106 Resp: 57988
Ion Ratio Lower Upper
106 100
91 215.0 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013711.D
Acq: 29 Nov 2019 19:06

Tgt Ion:152 Resp: 480372
Ion Ratio Lower Upper
152 100
115 57.0 38.4 115.1
150 153.6 0.0 346.8





#73

Isopropylbenzene

Concen: 21.300 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013711.D

Acq: 29 Nov 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

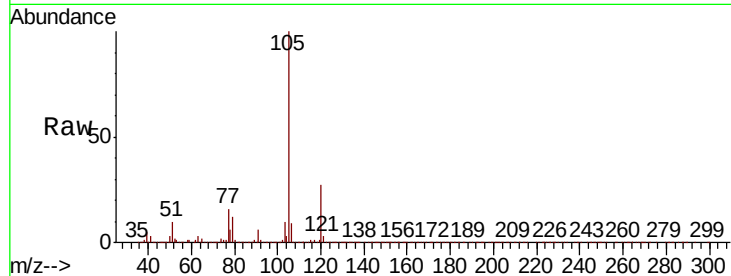
MW-12DL

Tot Ion:105 Resp: 717741

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

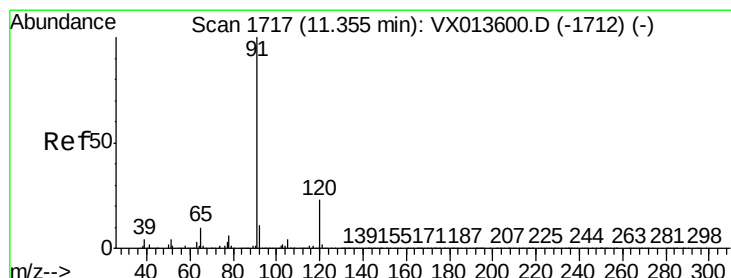
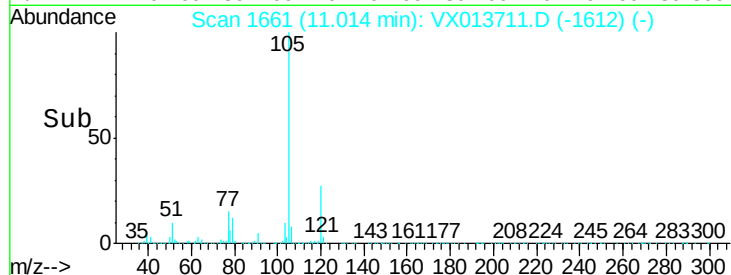
200000

0

11.01

10.90 11.00 11.10

Time-->



#78

n-propylbenzene

Concen: 18.617 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013711.D

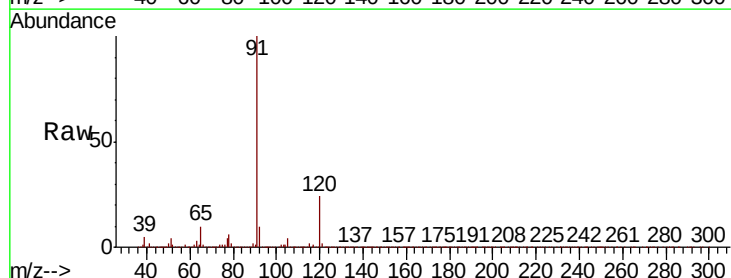
Acq: 29 Nov 2019 19:06

Tgt Ion: 91 Resp: 700276

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

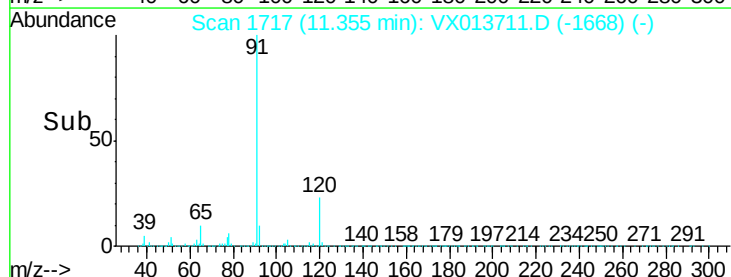
200000

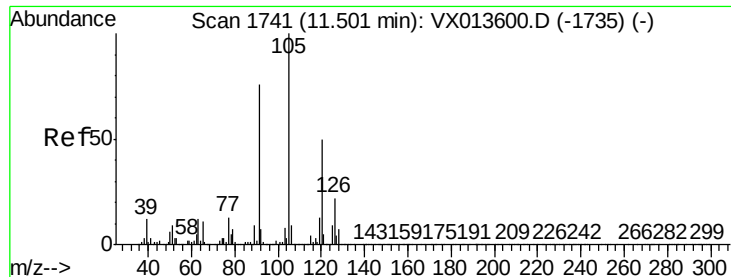
0

11.35

11.25 11.30 11.35 11.40

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 18.855 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013711.D

Acq: 29 Nov 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

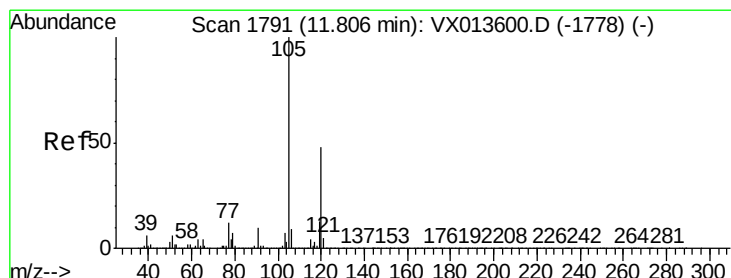
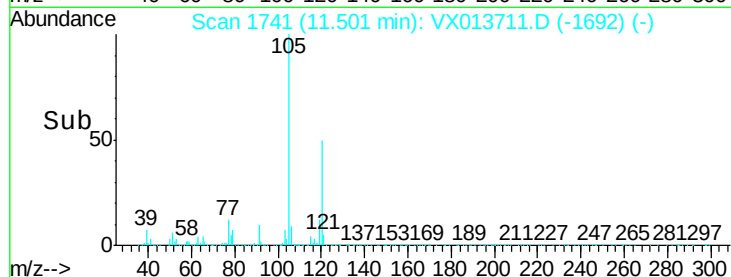
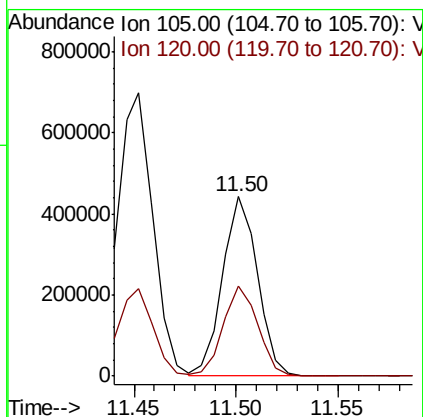
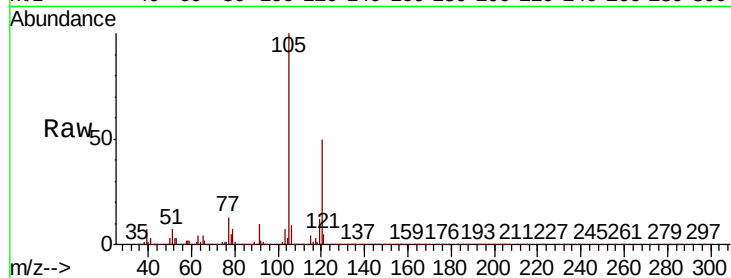
MW-12DL

Tot Ion:105 Resp: 520718

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.9



#84

1,2,4-Trimethylbenzene

Concen: 106.774 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013711.D

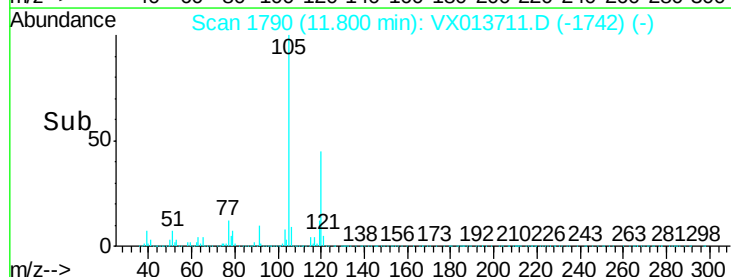
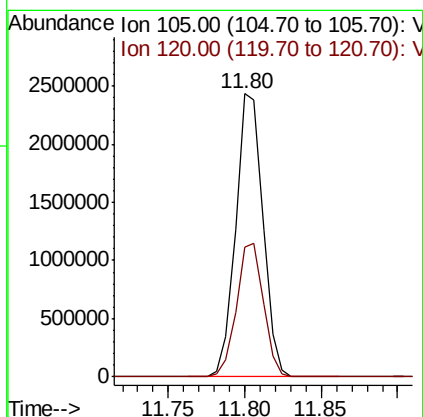
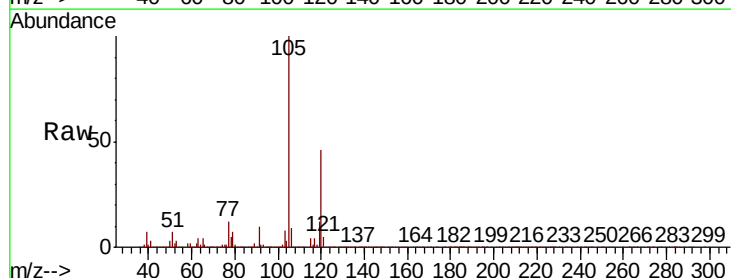
Acq: 29 Nov 2019 19:06

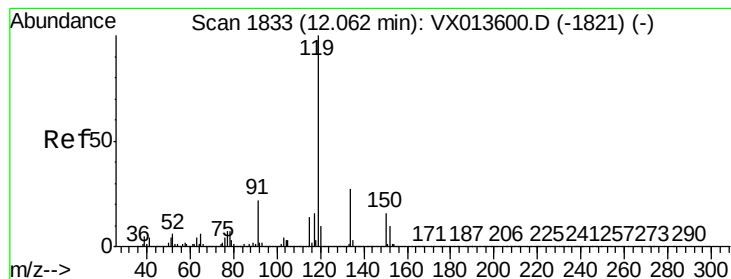
Tgt Ion:105 Resp: 2992738

Ion Ratio Lower Upper

105 100

120 46.9 23.1 69.3





#86

p-Isopropyltoluene

Concen: 2.477 ug/l m

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013711.D

Acq: 29 Nov 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

MW-12DL

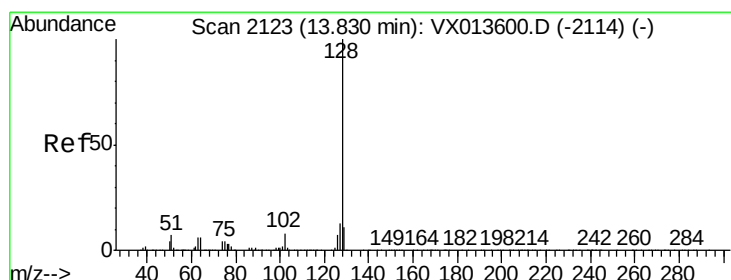
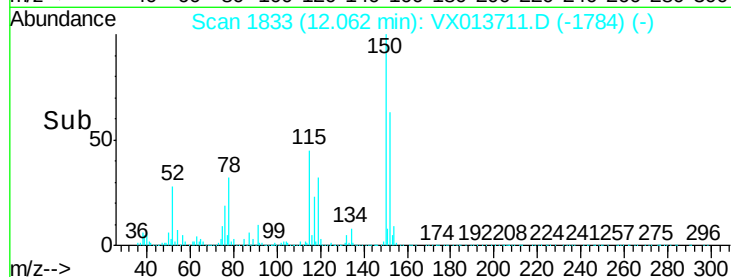
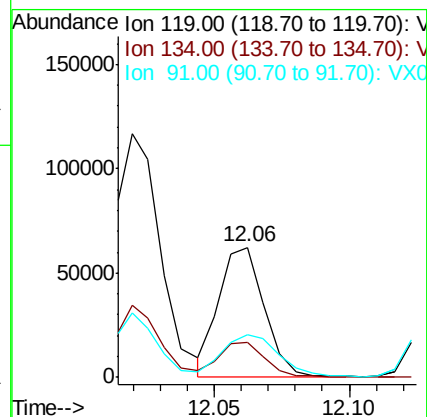
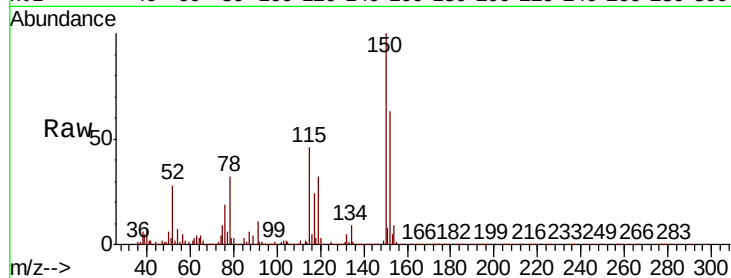
Tot Ion:119 Resp: 73879

Ion Ratio Lower Upper

119 100

134 0.0 13.3 39.9#

91 0.0 11.3 33.8#



#95

Naphthalene

Concen: 419.964 ug/l

RT: 13.82 min Scan# 2122

Delta R.T. -0.01 min

Lab File: VX013711.D

Acq: 29 Nov 2019 19:06

Tgt Ion:128 Resp:13665776

Ion Ratio Lower Upper

128 100

127 17.7 10.3 15.5#

129 15.5 8.7 13.1#

