

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018346.D
 Acq On : 10 Sep 2020 17:57
 Operator : JC/SP
 Sample : L3952-05 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16744

Quant Time: Sep 11 07:37:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	469458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	738891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	715140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	372974	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	324960	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
35) Dibromofluoromethane	5.46	113	250872	49.85	ug/l	0.00
Spiked Amount						
			Recovery	=	99.70%	
50) Toluene-d8	8.70	98	879762	46.94	ug/l	0.00
Spiked Amount						
			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.12	95	361827	49.07	ug/l	0.00
Spiked Amount						
			Recovery	=	98.14%	

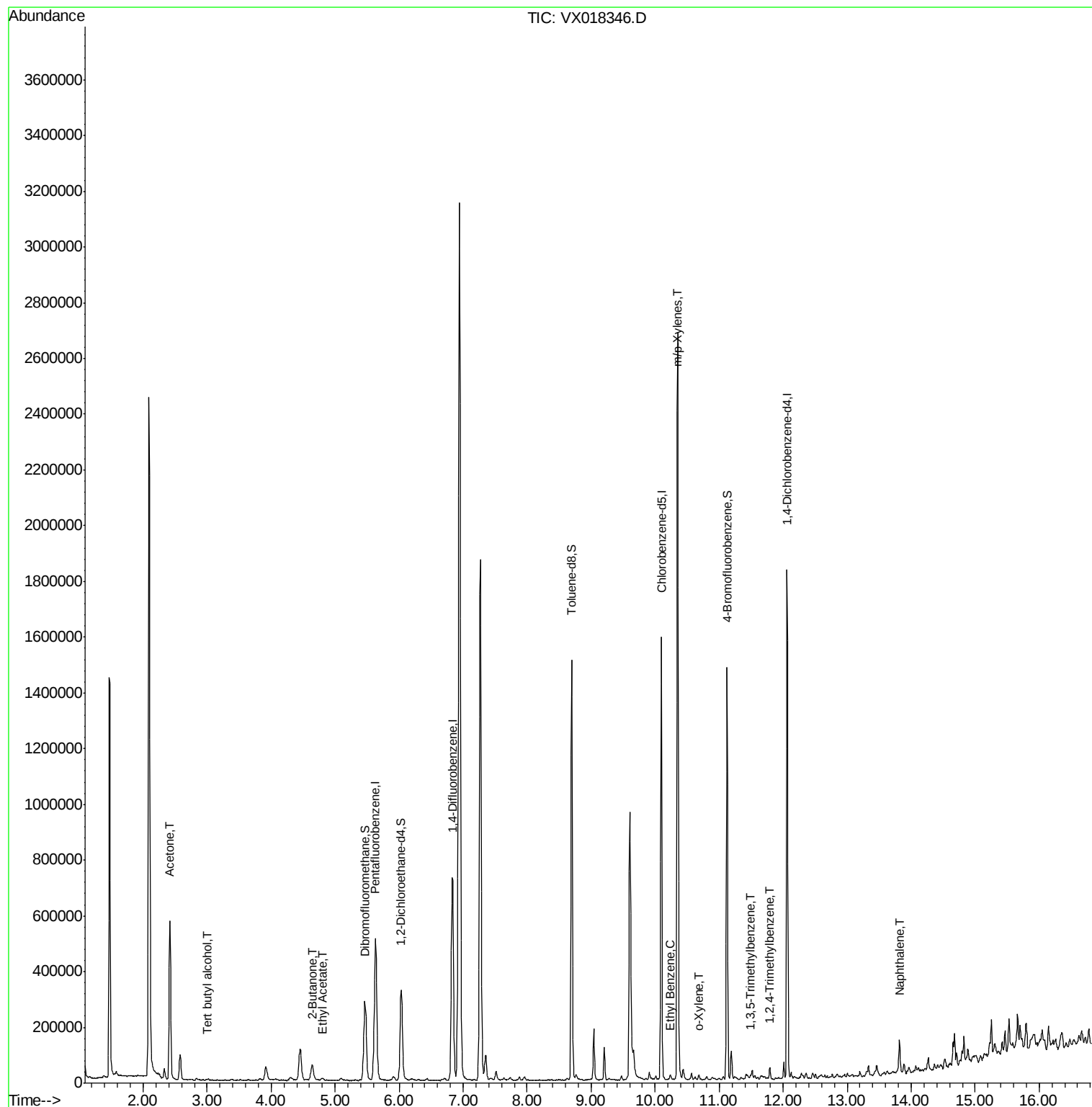
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	6472	5.107	ug/l #	77
16) Acetone	2.42	43	619358	243.887	ug/l	92
25) 2-Butanone	4.63	43	89907	21.542	ug/l	99
37) Ethyl Acetate	4.81	43	13918	1.758	ug/l	94
67) Ethyl Benzene	10.24	91	5579	0.230	ug/l #	65
68) m/p-Xylenes	10.34	106	7596	0.838	ug/l	97
69) o-Xylene	10.69	106	3878	0.441	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6090	0.301	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	16570	0.802	ug/l	95
95) Naphthalene	13.82	128	78053	3.165	ug/l	98

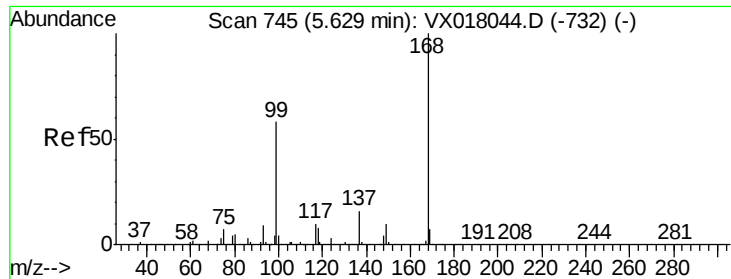
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018346.D
Acq On : 10 Sep 2020 17:57
Operator : JC/SP
Sample : L3952-05 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
16744

Quant Time: Sep 11 07:37:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



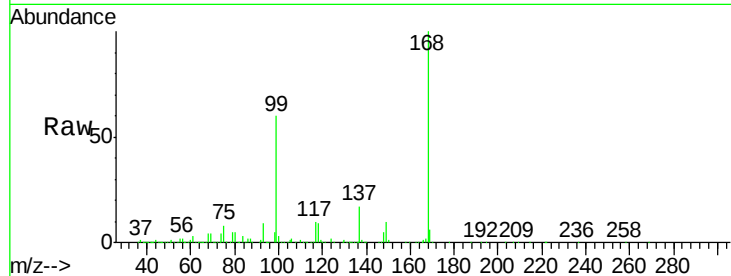


#1

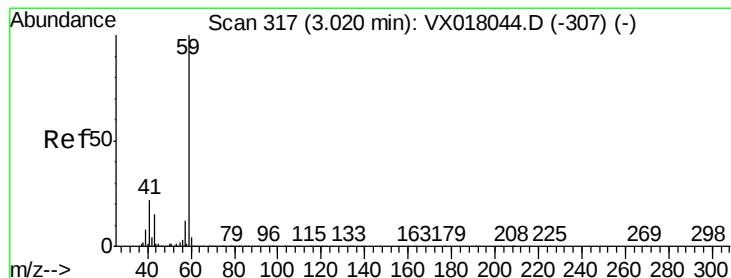
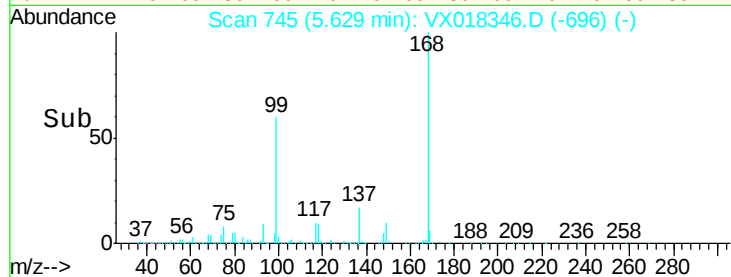
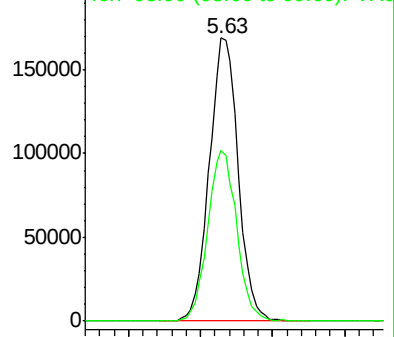
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018346.D
 Acq: 10 Sep 2020 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 16744

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.2	46.3	69.5



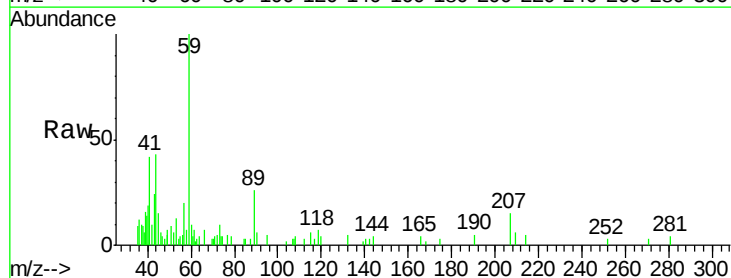
Abundance Ion 167.90 (167.60 to 168.60): V



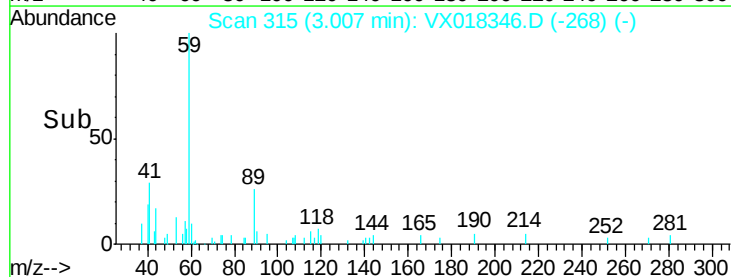
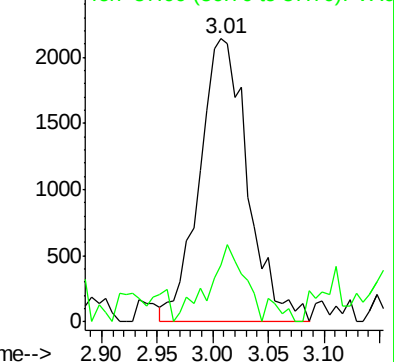
#11

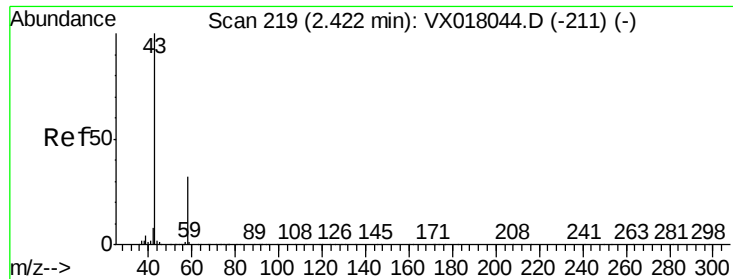
Tert butyl alcohol
 Concen: 5.107 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018346.D
 Acq: 10 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
59	100		
57	19.9	8.9	13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

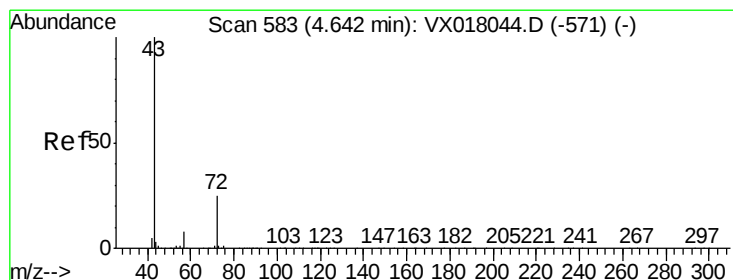
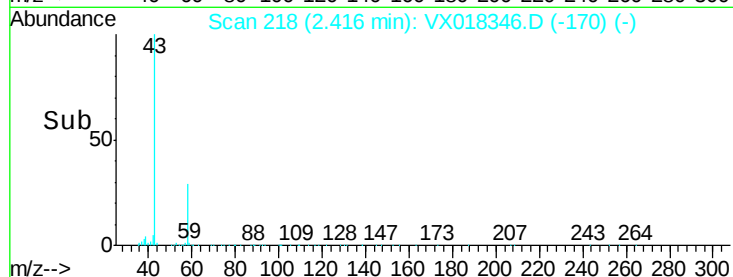
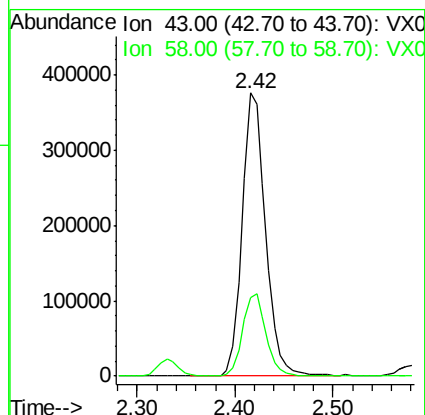
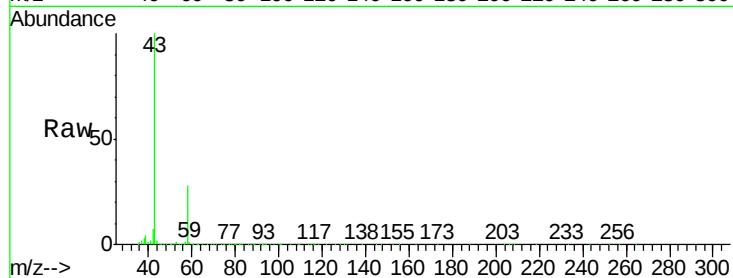




#16
Acetone
Concen: 243.887 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

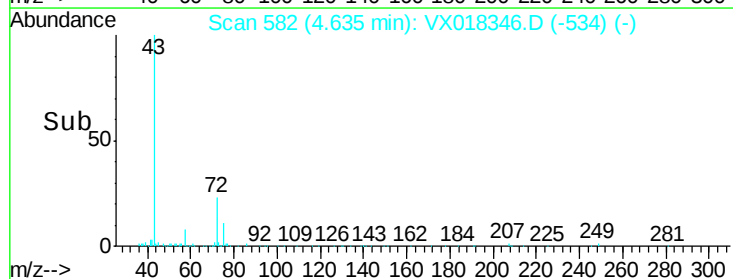
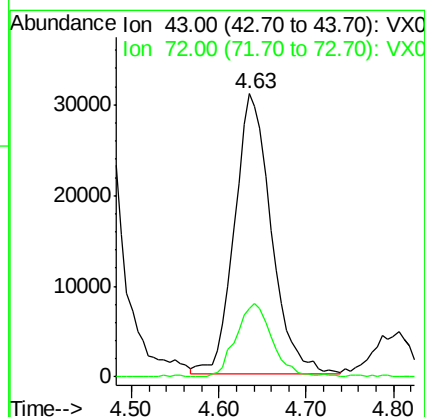
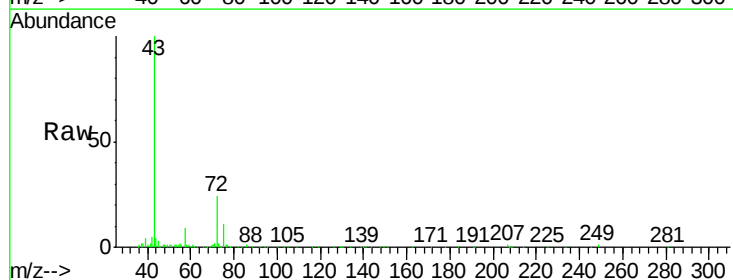
Instrument :
MSVOA_X
ClientSampleId :
16744

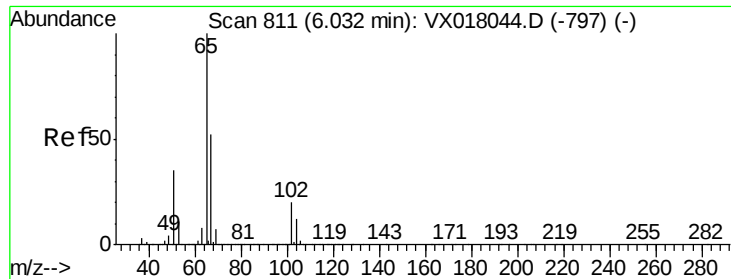
Tot Ion: 43 Resp: 619358
Ion Ratio Lower Upper
43 100
58 27.5 25.5 38.3



#25
2-Butanone
Concen: 21.542 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

Tgt Ion: 43 Resp: 89907
Ion Ratio Lower Upper
43 100
72 24.3 19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 49.861 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

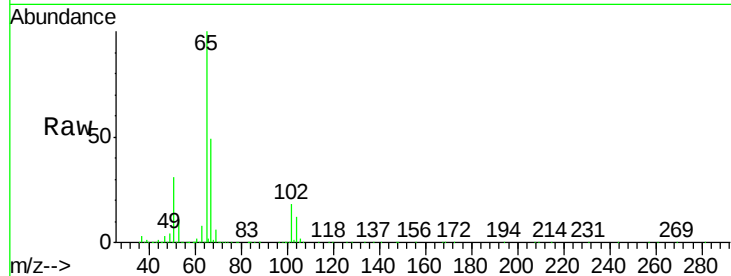
16744

Tot Ion: 65 Resp: 324960

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

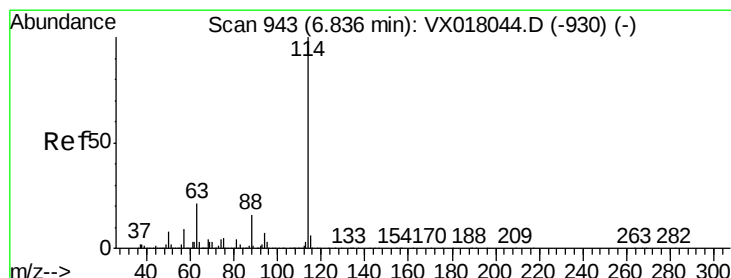
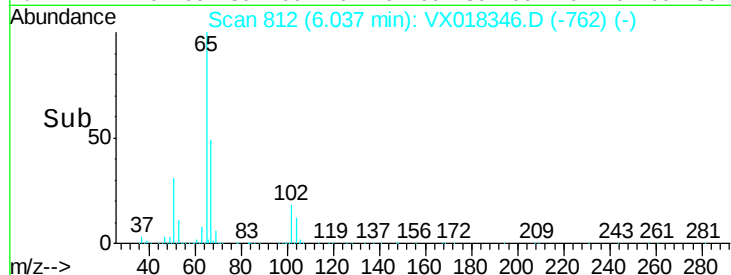
6.04

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

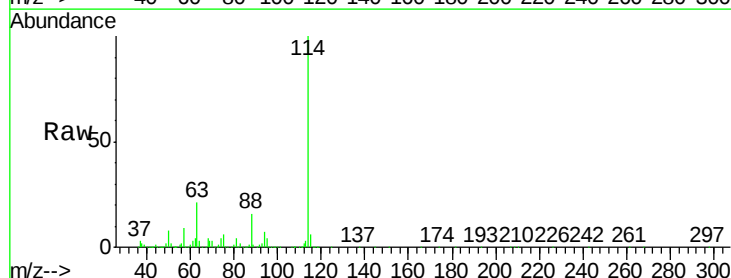
Tgt Ion: 114 Resp: 738891

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.5 0.0 31.8



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

6.83

400000

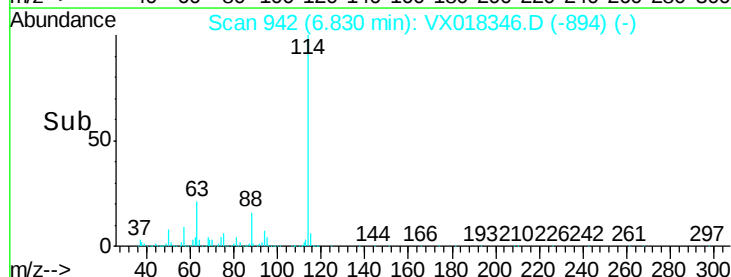
300000

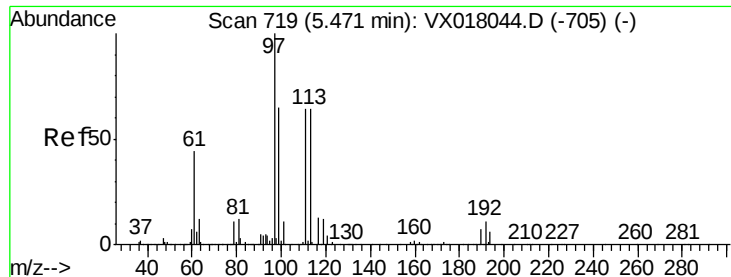
200000

100000

0

Time-->

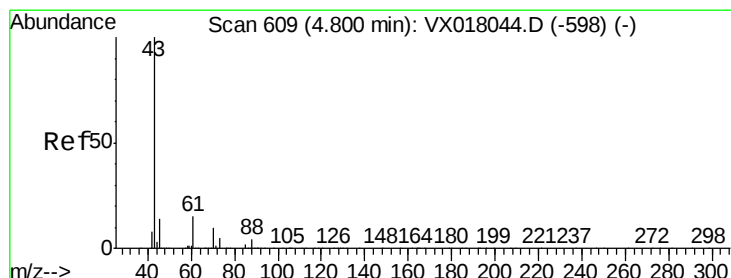
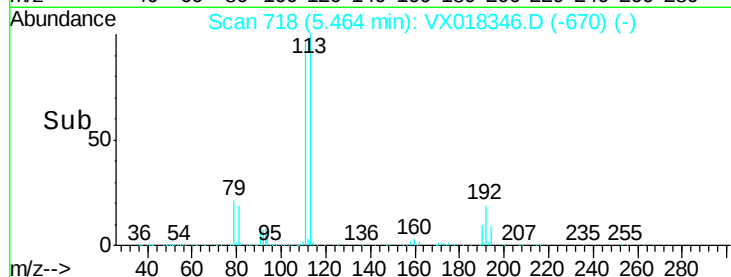
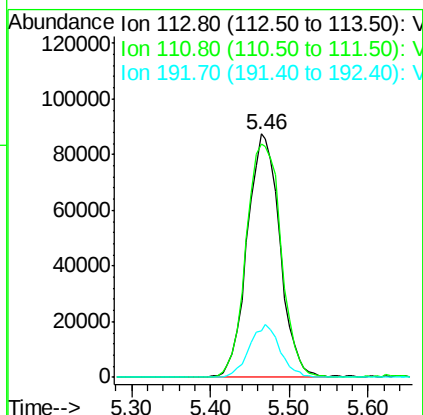
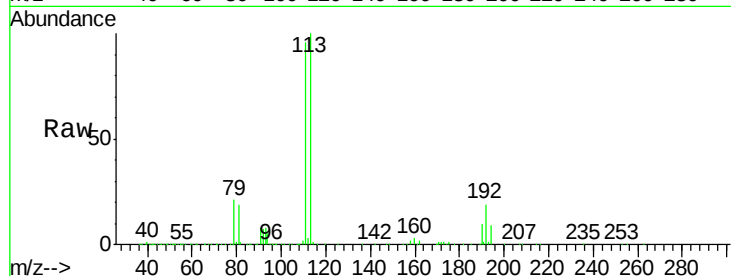




#35
 Dibromofluoromethane
 Concen: 49.853 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018346.D
 Acq: 10 Sep 2020 17:57

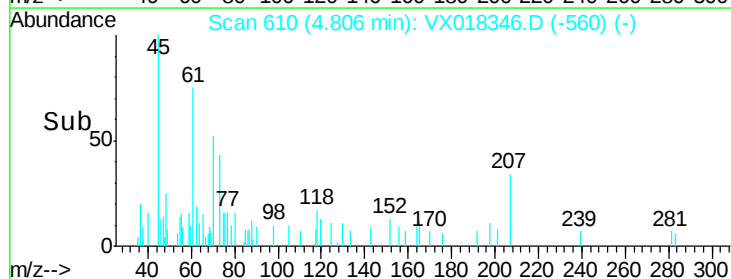
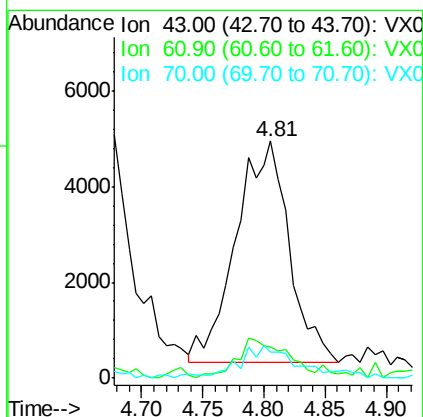
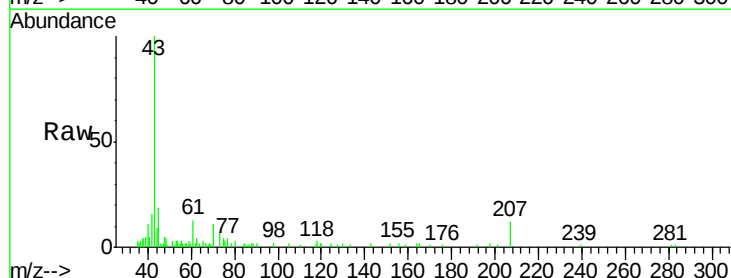
Instrument :
 MSVOA_X
 ClientSampleId :
 16744

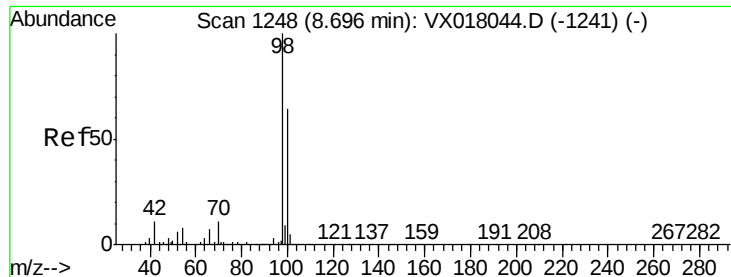
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	20.6	15.8	23.8



#37
 Ethyl Acetate
 Concen: 1.758 ug/l
 RT: 4.81 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VX018346.D
 Acq: 10 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.3	16.9
70	12.2	8.2	12.4





#50

Toluene-d8

Concen: 46.939 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

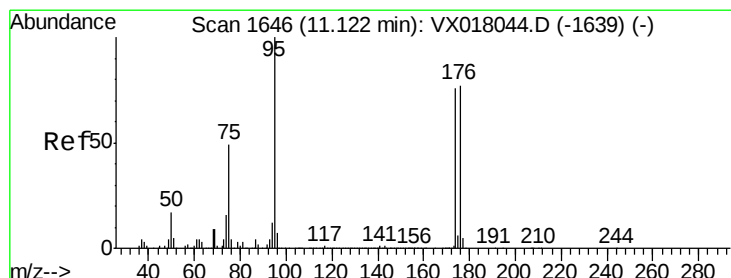
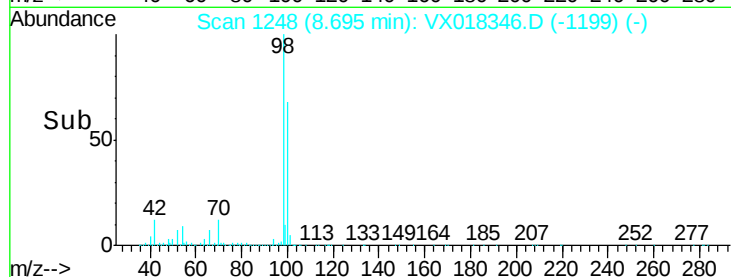
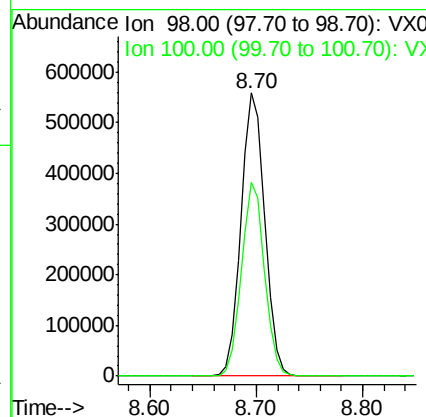
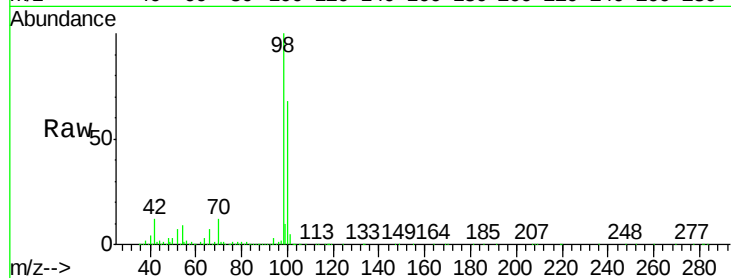
16744

Tot Ion: 98 Resp: 879762

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.067 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

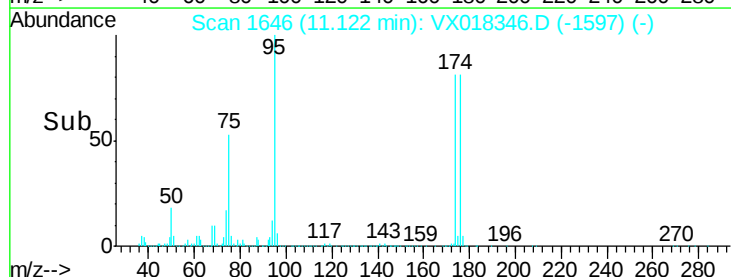
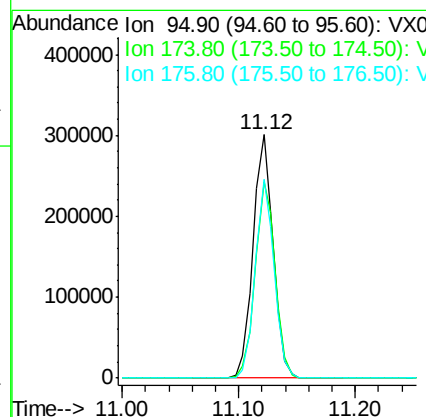
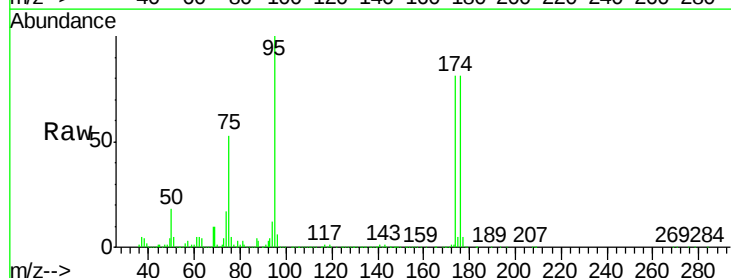
Tgt Ion: 95 Resp: 361827

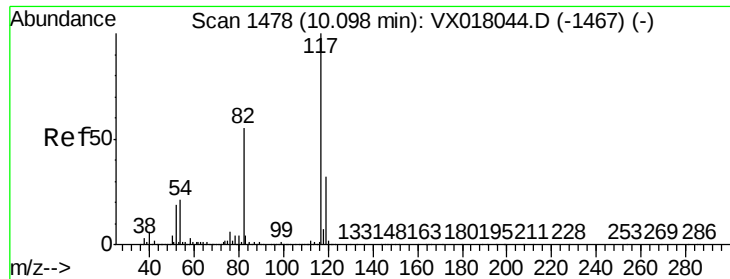
Ion Ratio Lower Upper

95 100

174 80.5 0.0 160.2

176 77.4 0.0 155.8

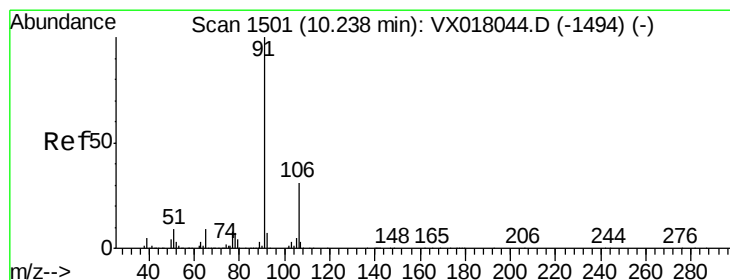
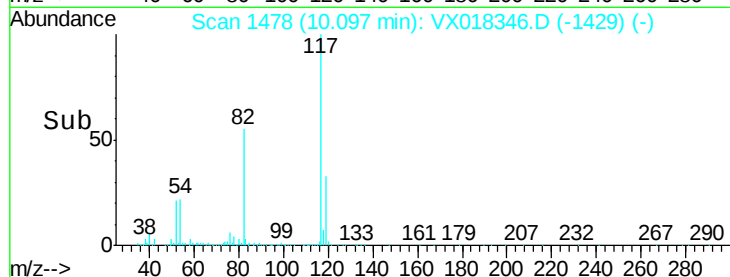
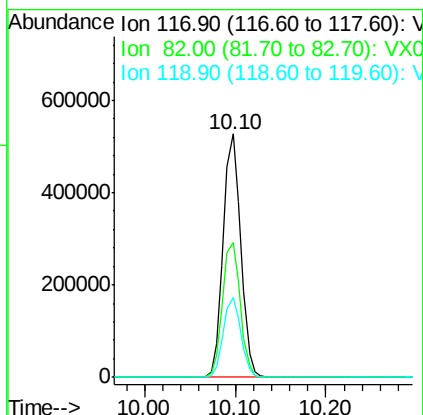
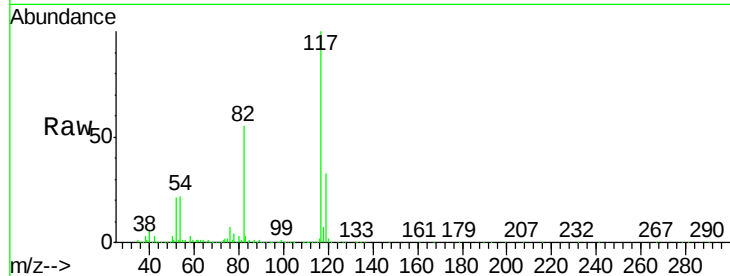




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

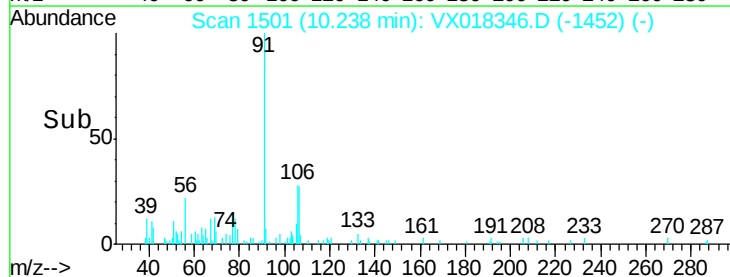
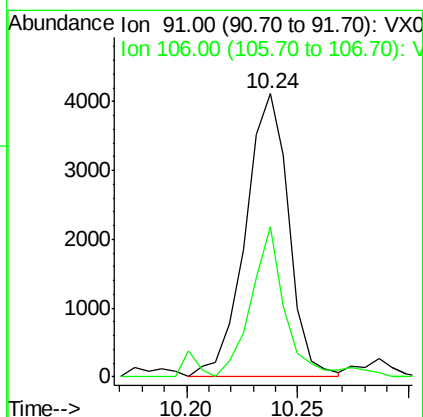
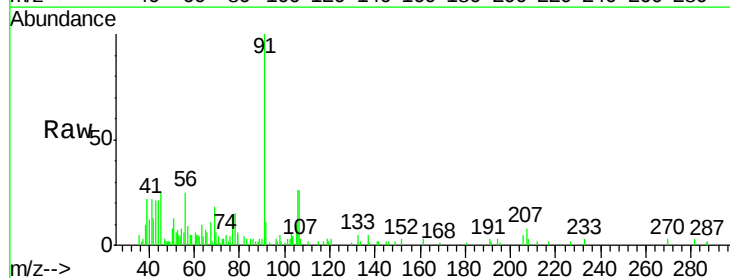
Instrument :
MSVOA_X
ClientSampleId :
16744

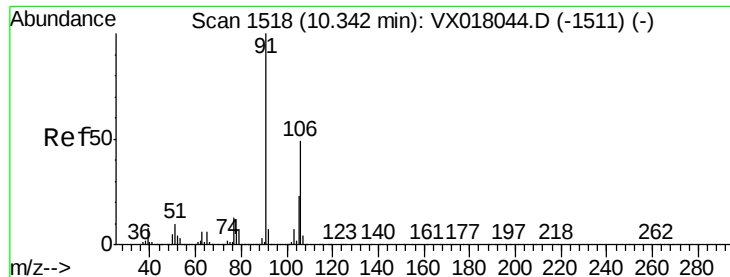
Tot Ion:117 Resp: 715140
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.9 25.7 38.5



#67
Ethyl Benzene
Concen: 0.230 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

Tgt Ion: 91 Resp: 5579
Ion Ratio Lower Upper
91 100
106 50.3 24.9 37.3#

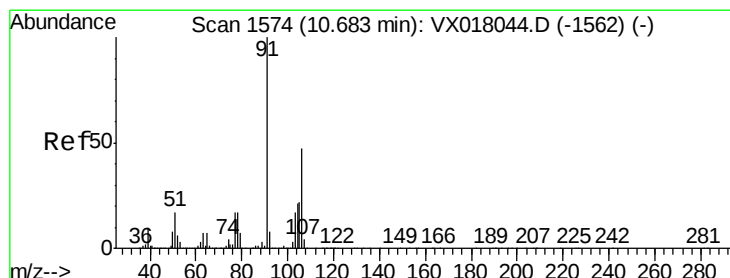
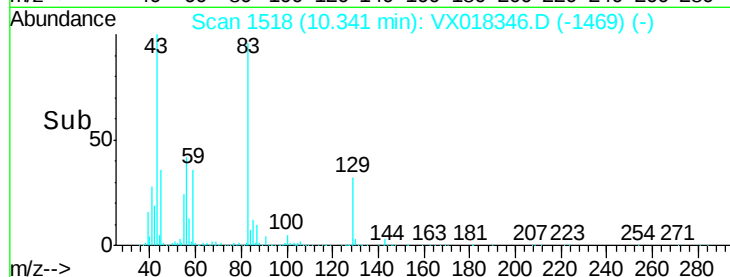
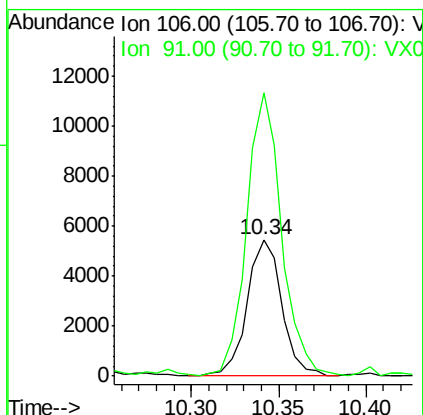
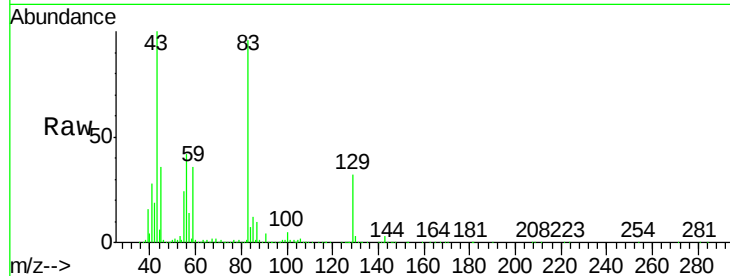




#68
m/p-Xvlenes
Concen: 0.838 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

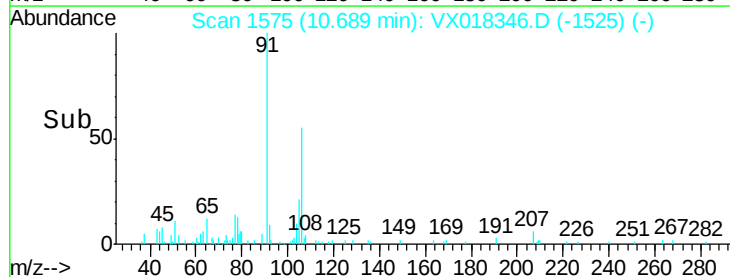
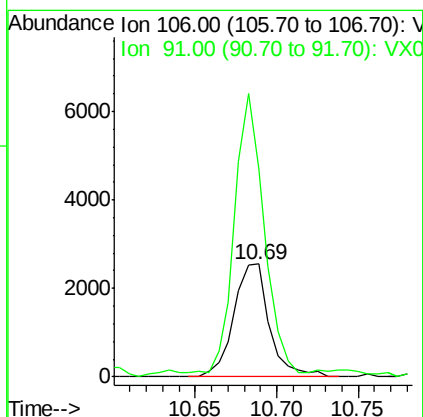
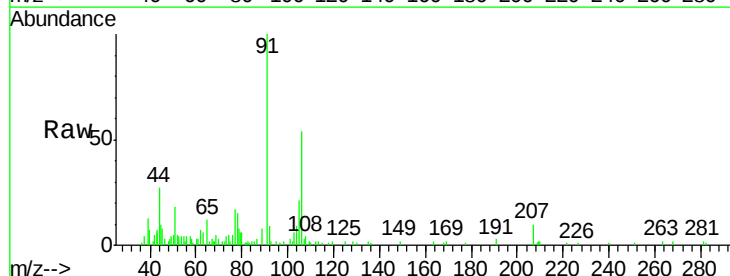
Instrument :
MSVOA_X
ClientSampleId :
16744

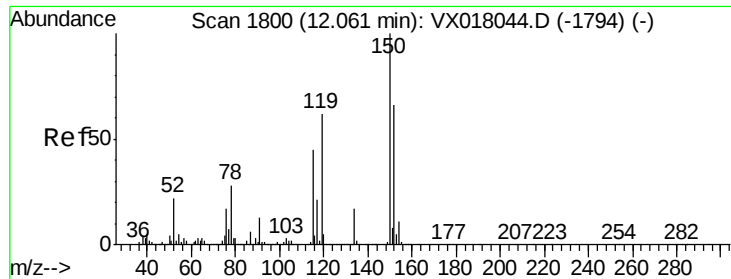
Tot Ion:106 Resp: 7596
Ion Ratio Lower Upper
106 100
91 207.9 162.2 243.2



#69
o-Xylene
Concen: 0.441 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX018346.D
Acq: 10 Sep 2020 17:57

Tgt Ion:106 Resp: 3878
Ion Ratio Lower Upper
106 100
91 212.7 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

16744

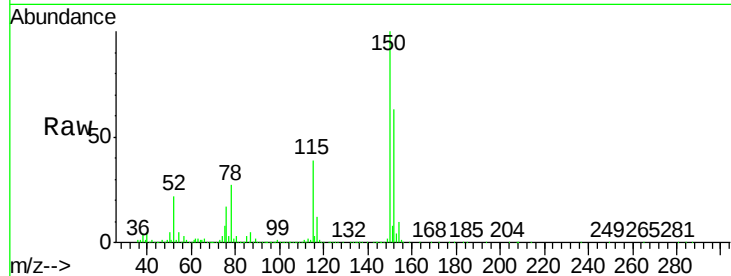
Tot Ion:152 Resp: 372974

Ion Ratio Lower Upper

152 100

115 58.9 41.5 124.5

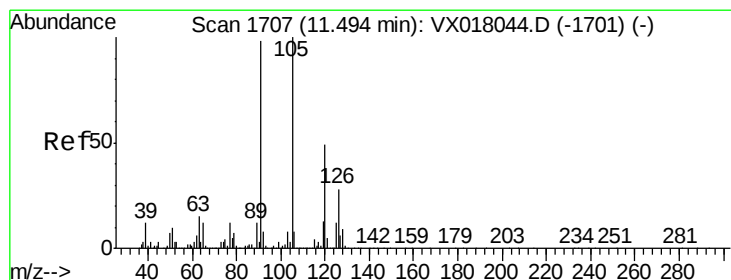
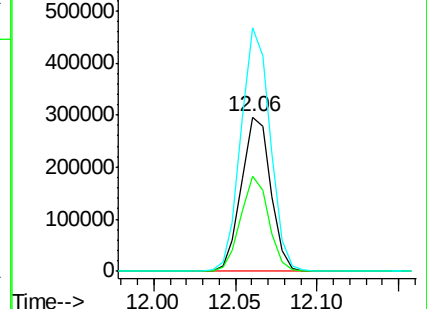
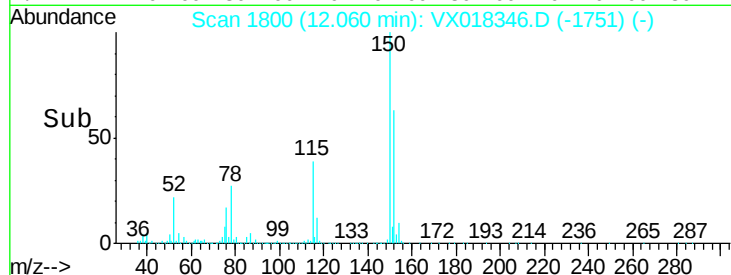
150 156.3 0.0 343.8



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



#80

1,3,5-Trimethylbenzene

Concen: 0.301 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018346.D

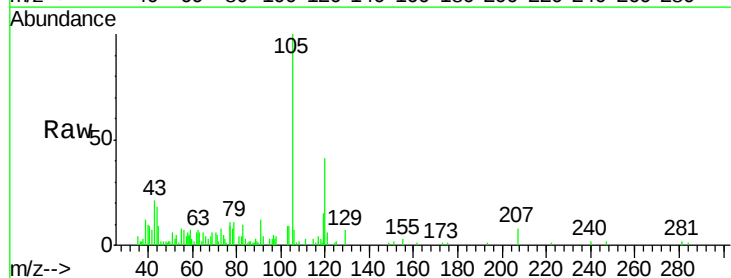
Acq: 10 Sep 2020 17:57

Tgt Ion:105 Resp: 6090

Ion Ratio Lower Upper

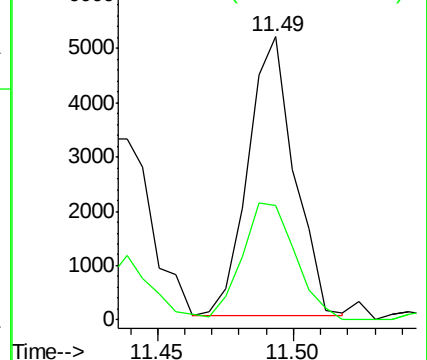
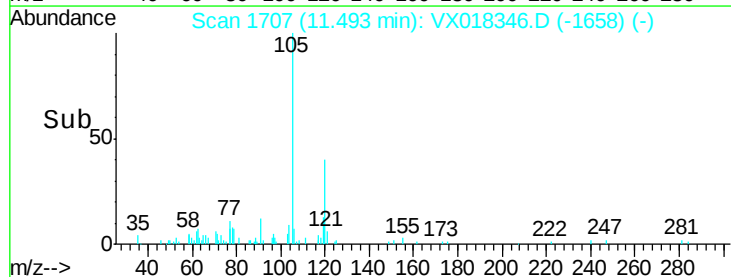
105 100

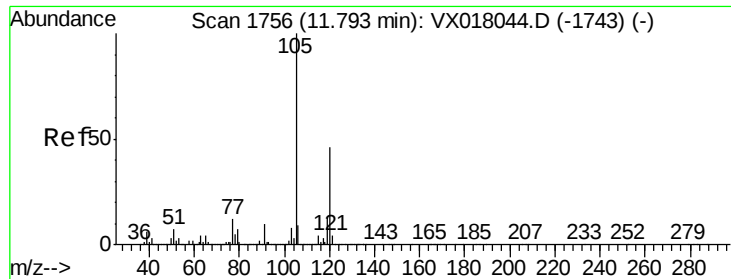
120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.802 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

Instrument :

MSVOA_X

ClientSampled :

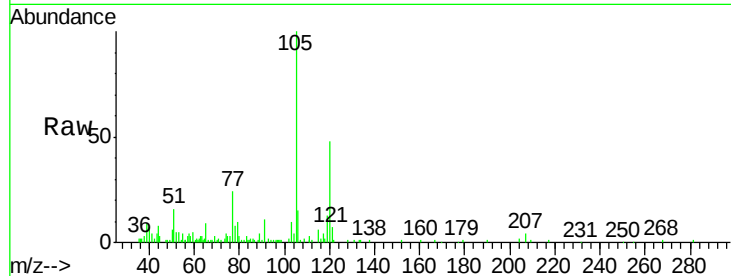
16744

Tot Ion:105 Resp: 16570

Ion Ratio Lower Upper

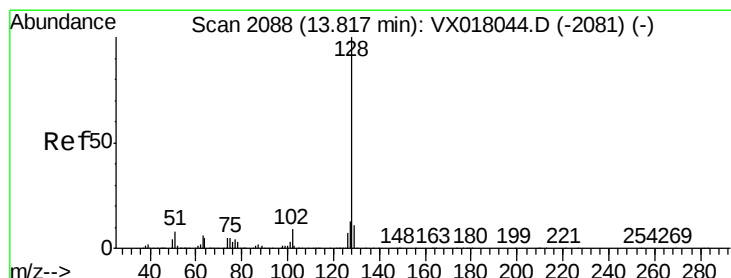
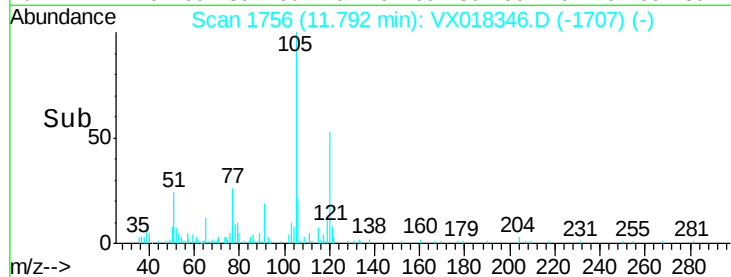
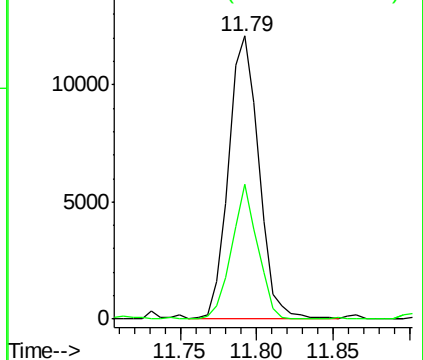
105 100

120 41.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.165 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018346.D

Acq: 10 Sep 2020 17:57

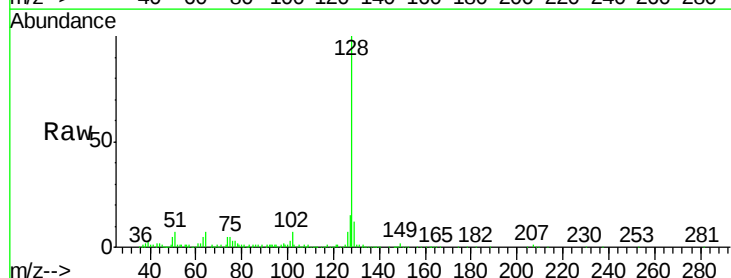
Tgt Ion:128 Resp: 78053

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.9 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

