

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018394.D
 Acq On : 14 Sep 2020 19:15
 Operator : JC/SP
 Sample : L3869-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-091120

Quant Time: Sep 15 06:03:35 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

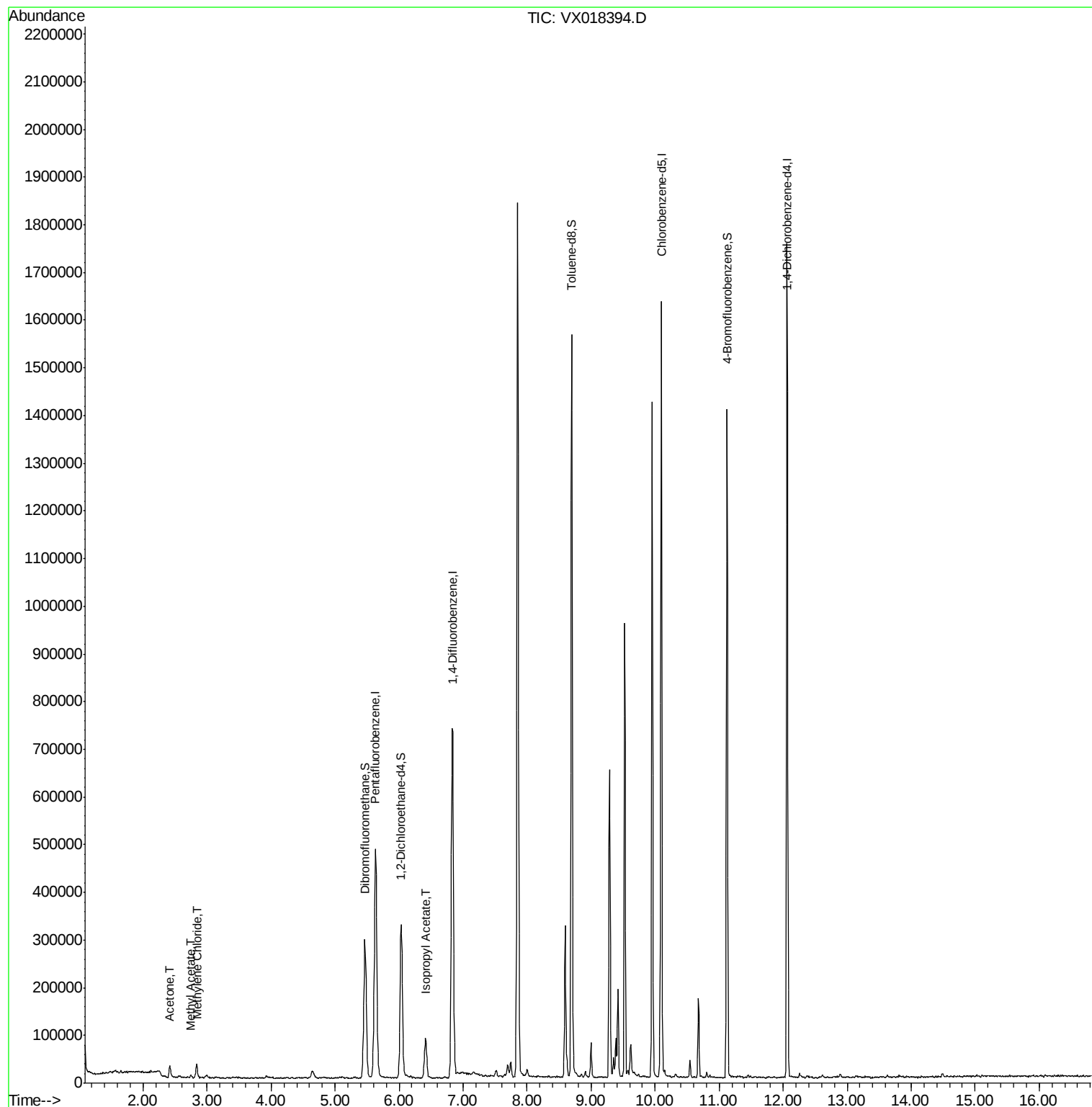
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	437121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	720029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	716970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	337416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	321397	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	5.46	113	253149	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	8.70	98	906398	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.12	95	342417	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	2.42	43	24720	10.454	ug/l	94
18) Methyl Acetate	2.75	43	8769	1.537	ug/l	97
20) Methylene Chloride	2.84	84	12945	1.546	ug/l	94
43) Isopropyl Acetate	6.42	43	117412	9.424	ug/l	99

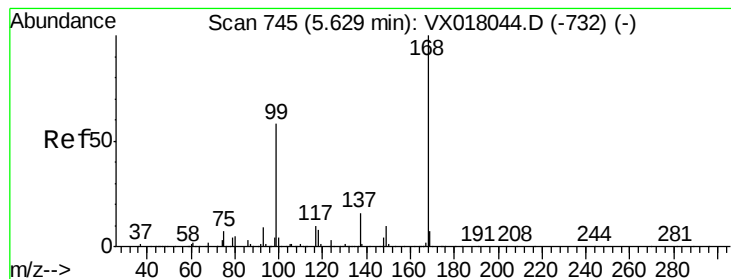
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018394.D

Acq: 14 Sep 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

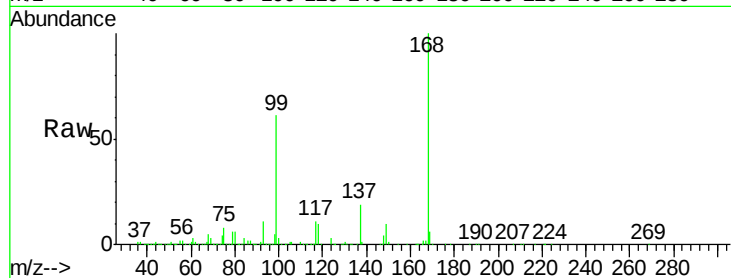
OR-03-091120

Tot Ion:168 Resp: 437121

Ion Ratio Lower Upper

168 100

99 61.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

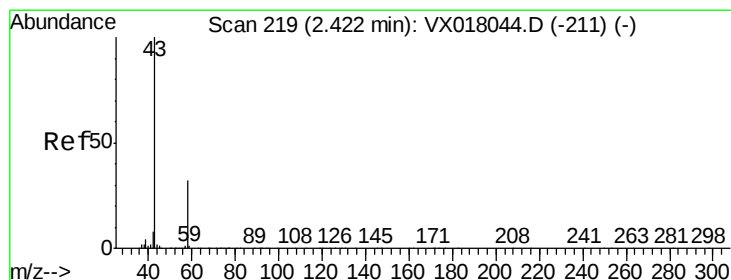
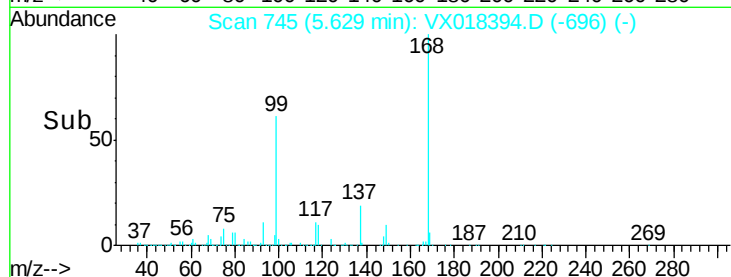
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 10.454 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018394.D

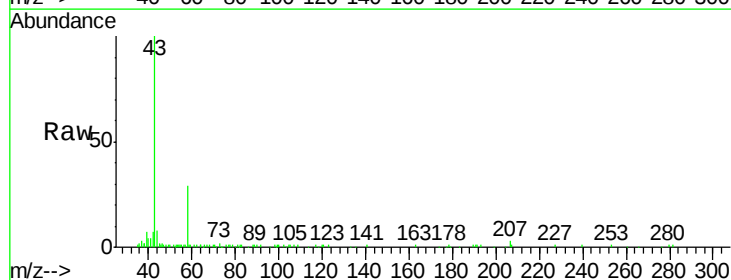
Acq: 14 Sep 2020 19:15

Tgt Ion: 43 Resp: 24720

Ion Ratio Lower Upper

43 100

58 28.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

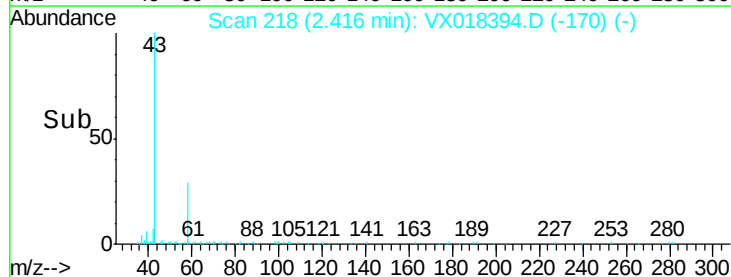
10000

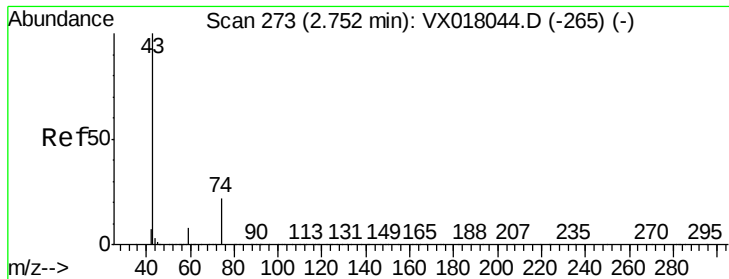
5000

0

Time-->

2.35 2.40 2.45

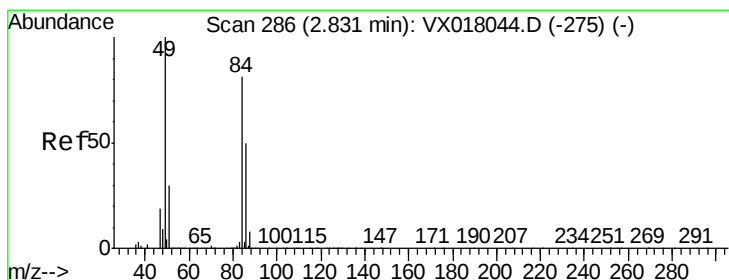
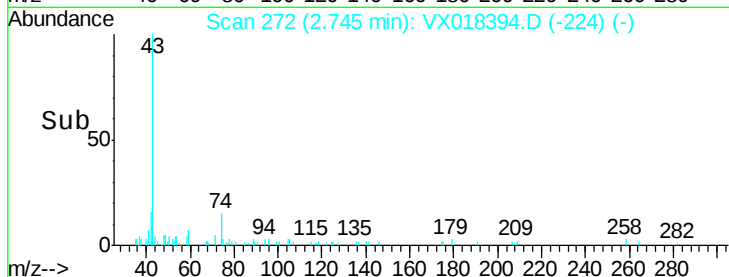
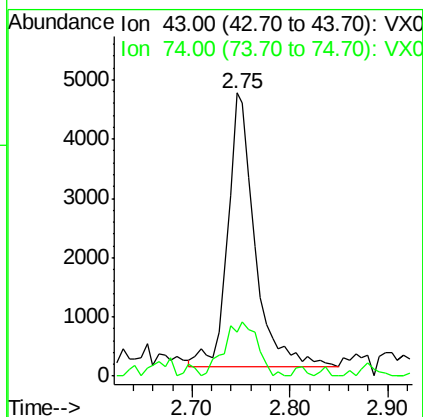
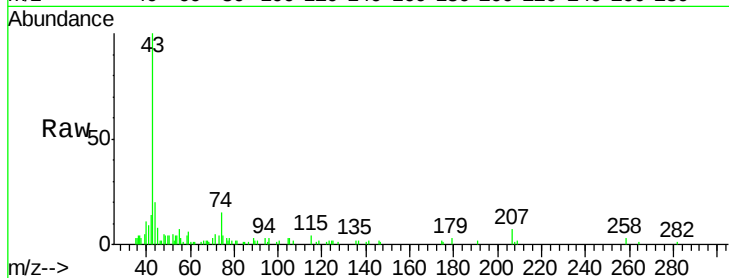




#18
Methyl Acetate
Concen: 1.537 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018394.D
Acq: 14 Sep 2020 19:15

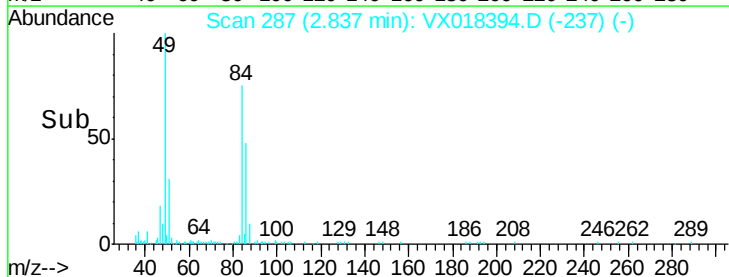
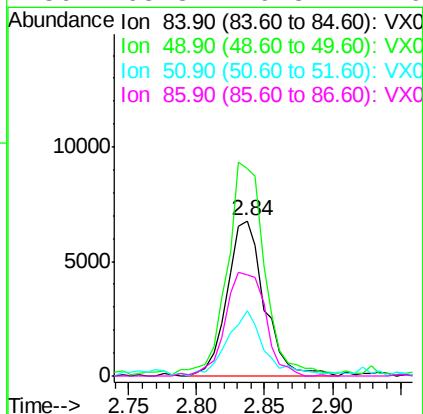
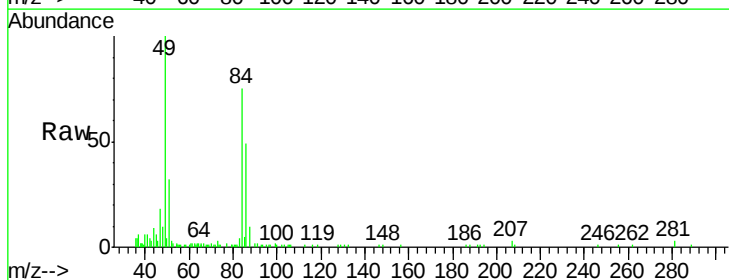
Instrument :
MSVOA_X
ClientSampled :
OR-03-091120

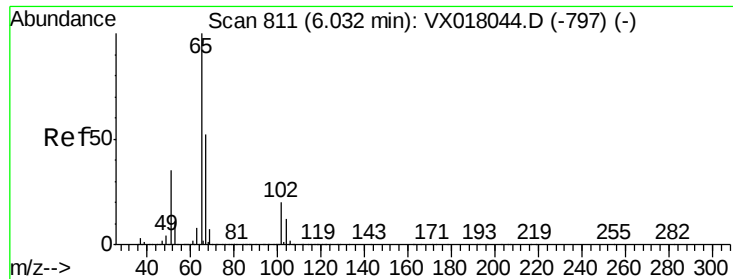
Tot Ion: 43 Resp: 8769
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



#20
Methylene Chloride
Concen: 1.546 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018394.D
Acq: 14 Sep 2020 19:15

Tgt Ion: 84 Resp: 12945
Ion Ratio Lower Upper
84 100
49 129.9 98.6 148.0
51 42.4 29.6 44.4
86 65.3 49.8 74.6

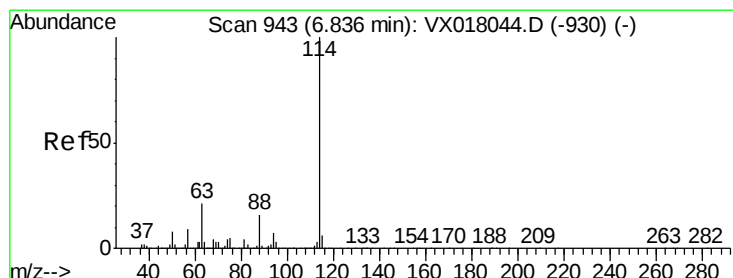
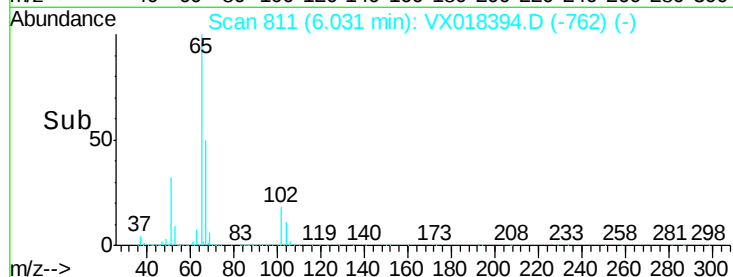
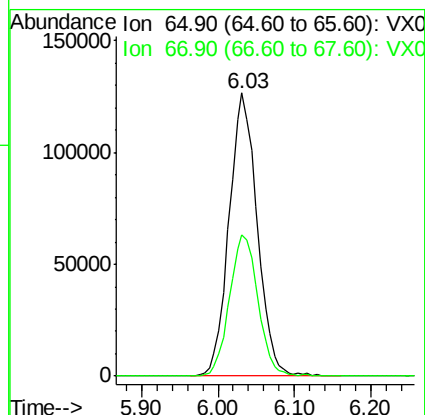
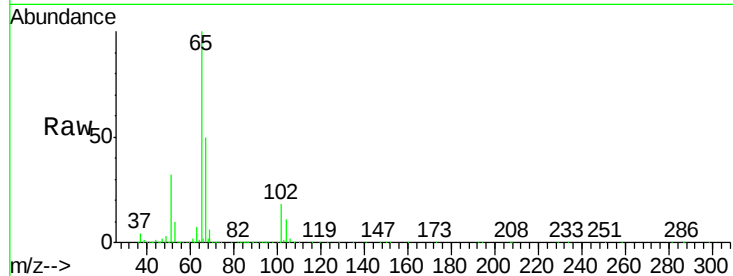




#33
 1,2-Dichloroethane-d4
 Concen: 52.963 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018394.D
 Acq: 14 Sep 2020 19:15

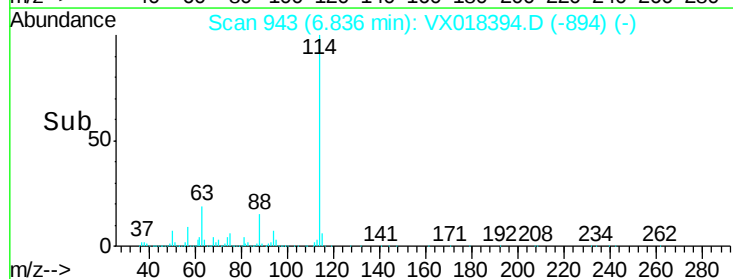
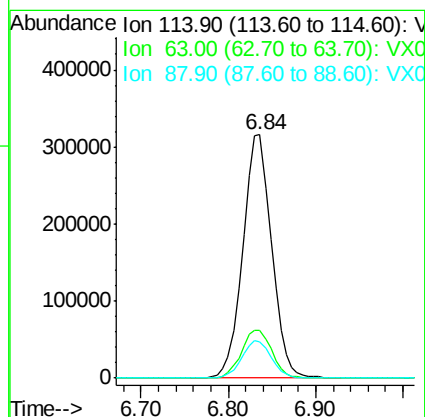
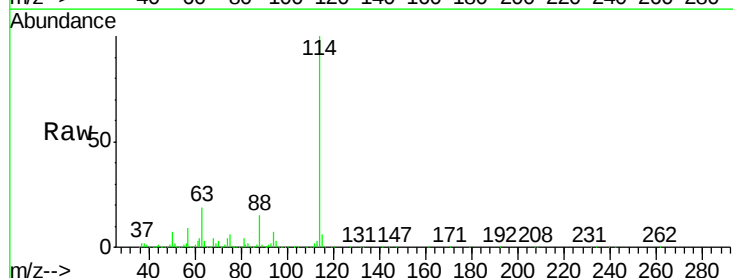
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-091120

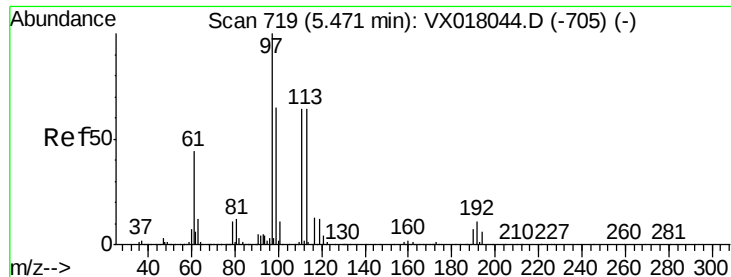
Tot Ion: 65 Resp: 321397
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018394.D
 Acq: 14 Sep 2020 19:15

Tgt Ion: 114 Resp: 720029
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.624 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018394.D

Acq: 14 Sep 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

OR-03-091120

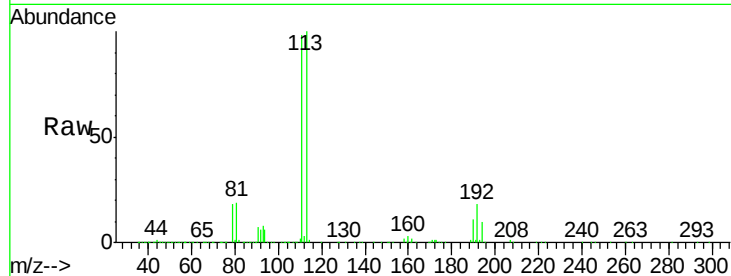
Tot Ion:113 Resp: 253149

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

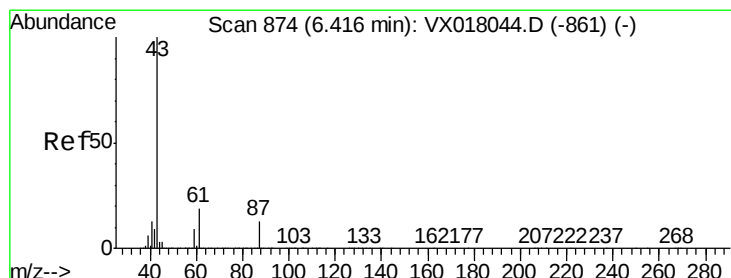
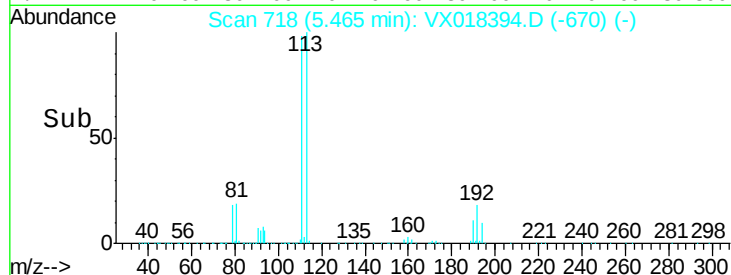
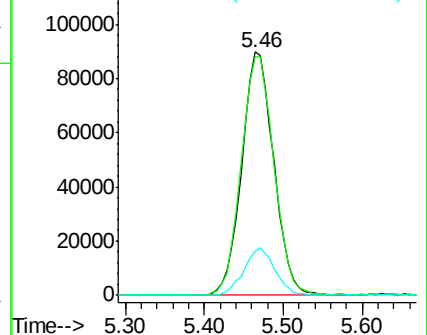
192 19.1 15.8 23.8



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



#43

Isopropyl Acetate

Concen: 9.424 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018394.D

Acq: 14 Sep 2020 19:15

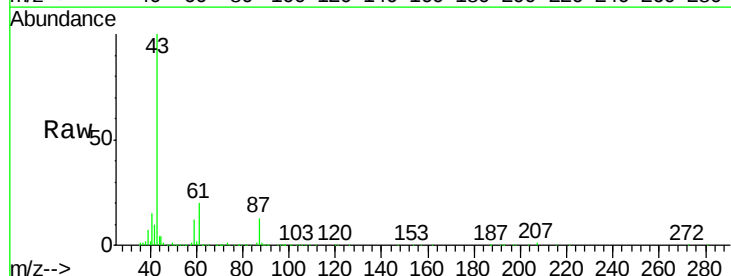
Tgt Ion: 43 Resp: 117412

Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

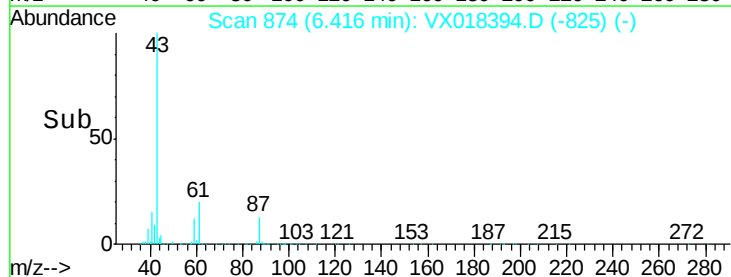
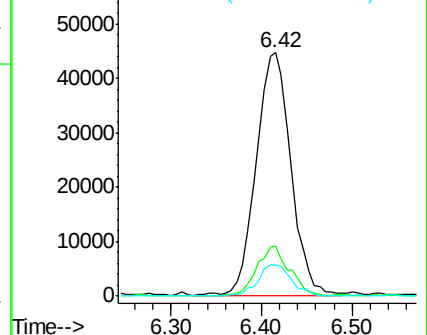
87 12.7 10.3 15.5

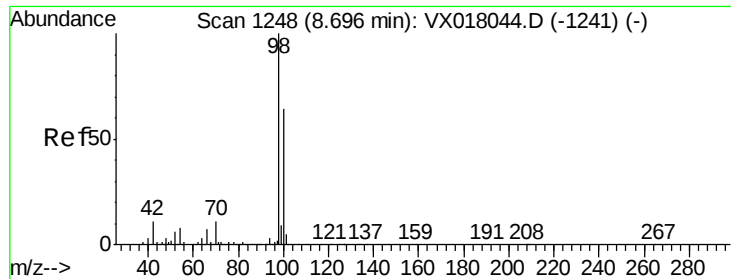


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.627 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018394.D

Acq: 14 Sep 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

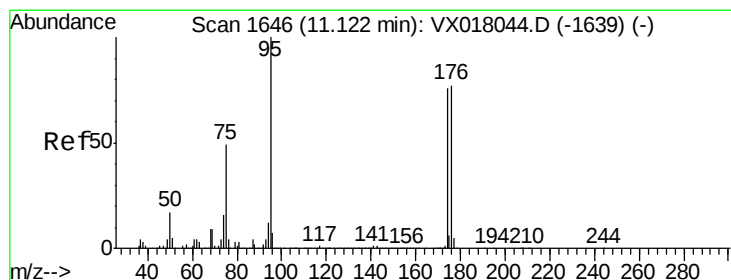
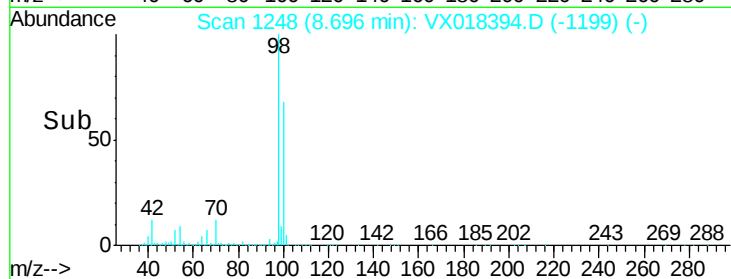
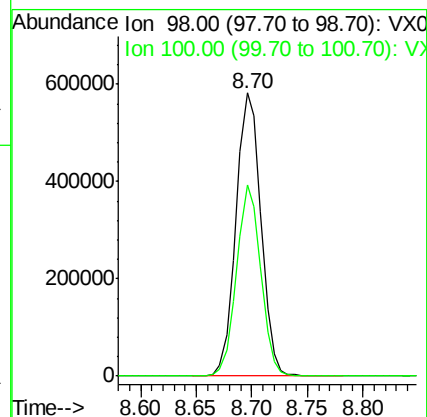
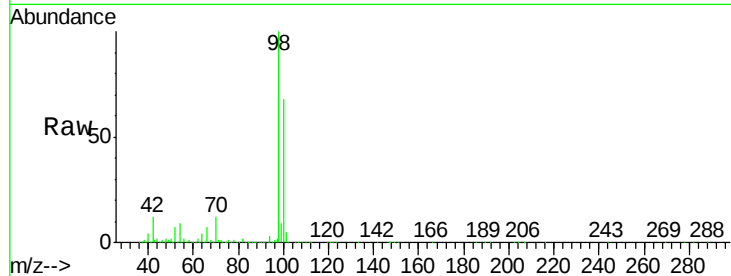
OR-03-091120

Tot Ion: 98 Resp: 906398

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.651 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018394.D

Acq: 14 Sep 2020 19:15

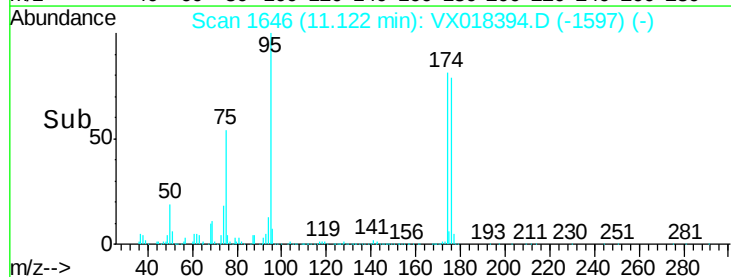
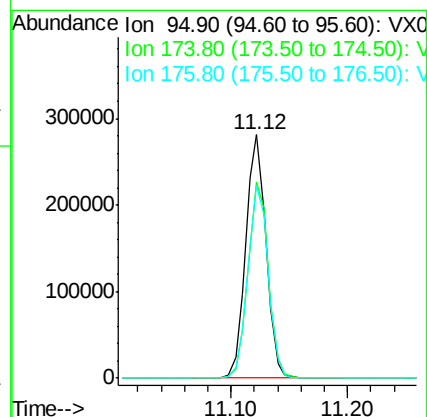
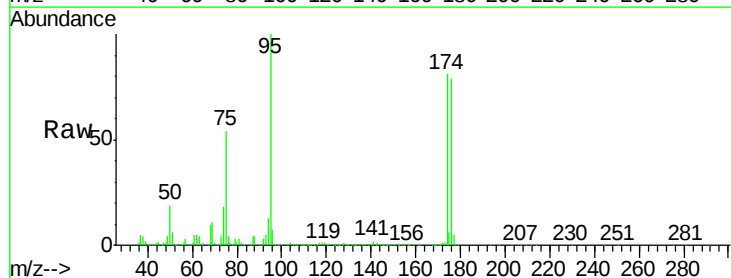
Tgt Ion: 95 Resp: 342417

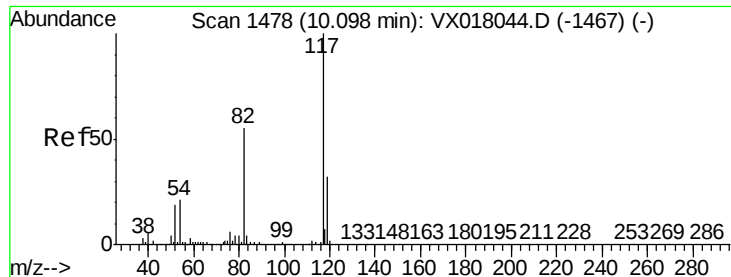
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

176 79.8 0.0 155.8

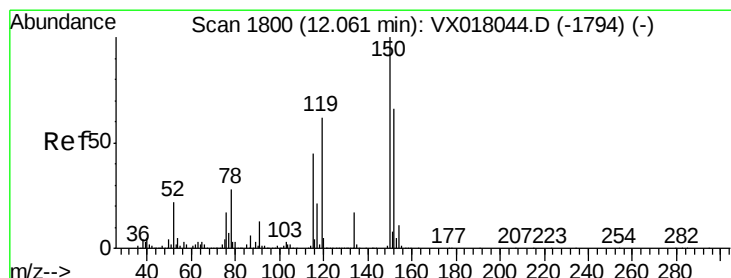
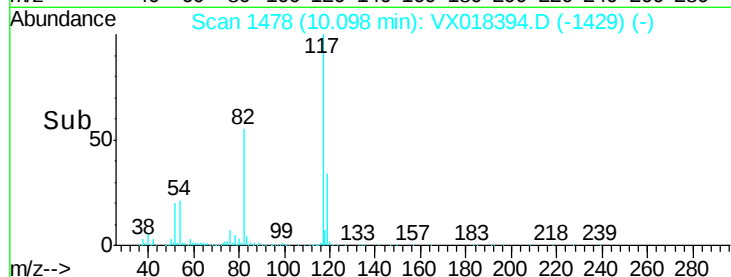
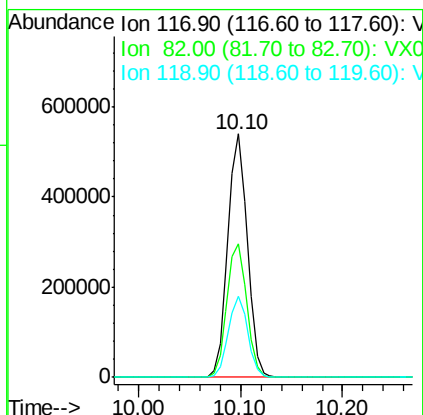
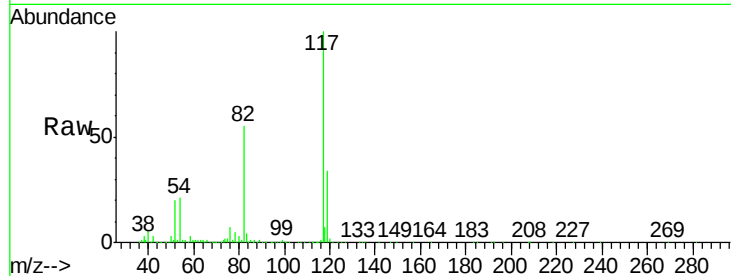




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018394.D
Acq: 14 Sep 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
OR-03-091120

Tot Ion:117 Resp: 716970
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018394.D
Acq: 14 Sep 2020 19:15

Tgt Ion:152 Resp: 337416
Ion Ratio Lower Upper
152 100
115 61.2 41.5 124.5
150 162.1 0.0 343.8

