

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018438.D
 Acq On : 16 Sep 2020 14:34
 Operator : JC/SP
 Sample : L4008-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13703DL

Quant Time: Sep 17 07:56:53 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

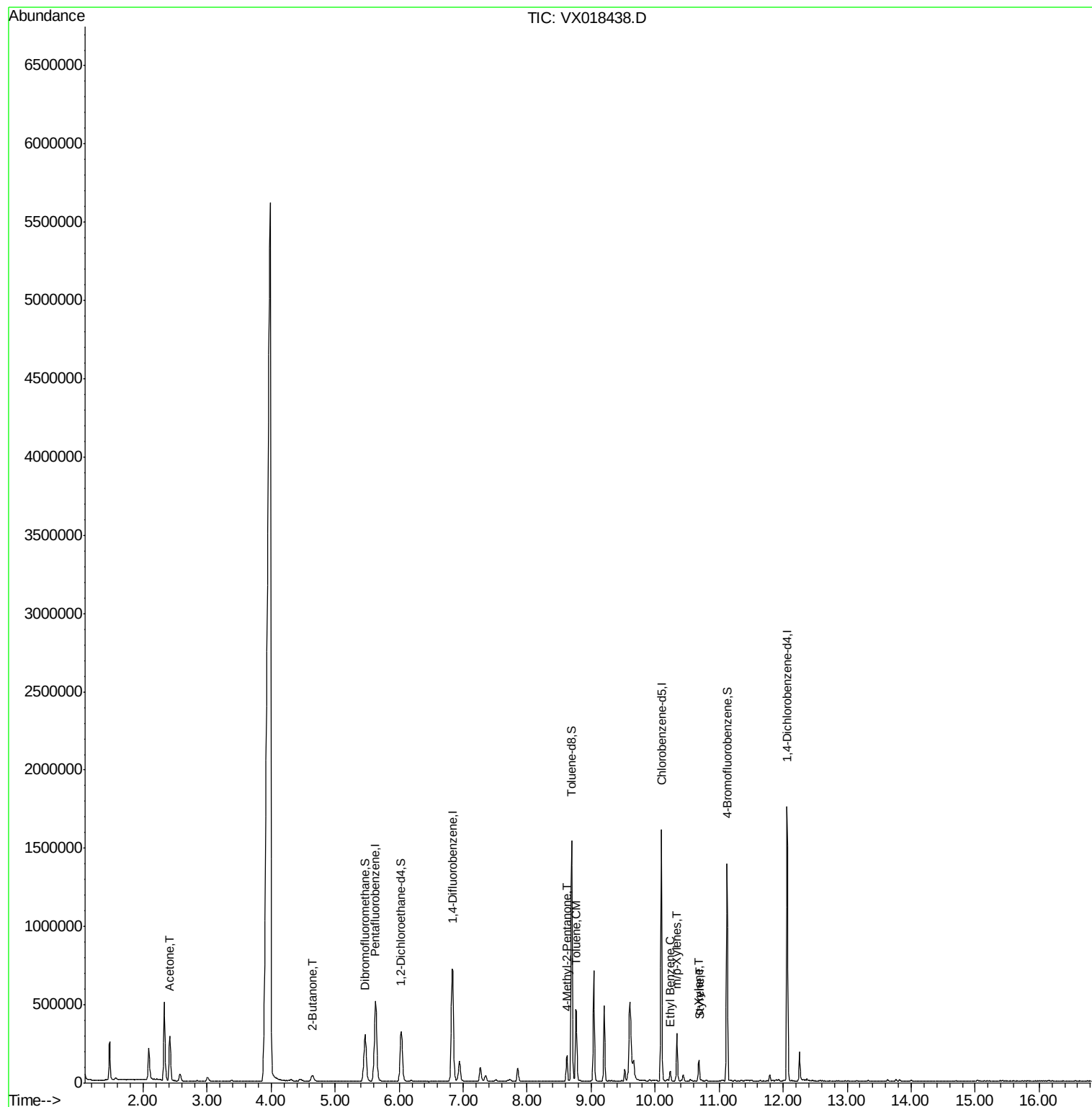
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	471951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	728426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	690855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	354229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	323193	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	5.46	113	252440	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	8.70	98	900852	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.12	95	338510	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
16) Acetone	2.42	43	307004	120.252	ug/l	96
25) 2-Butanone	4.64	43	60860	14.505	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	91117	11.704	ug/l	100
52) Toluene	8.76	92	170490	13.619	ug/l	97
67) Ethyl Benzene	10.24	91	33982	1.448	ug/l	96
68) m/p-Xylenes	10.34	106	66412	7.583	ug/l	93
69) o-Xylene	10.68	106	26067	3.070	ug/l	93
70) Styrene	10.70	104	10119	0.700	ug/l #	58

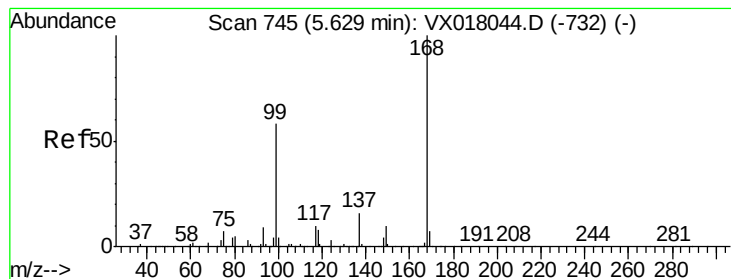
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018438.D
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Sample : L4008-02DL 10X
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Instrument :
MSVOA_X
ClientSampleId :
13703DL

Quant Time: Sep 17 07:56:53 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: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

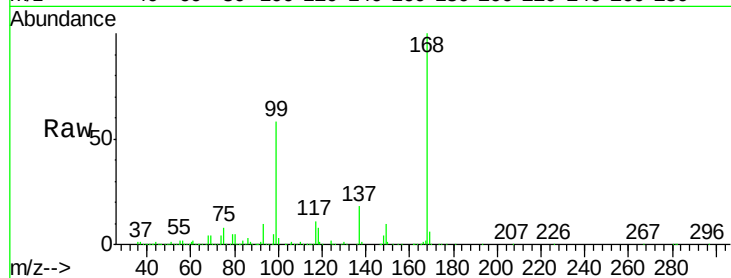
13703DL

Tot Ion:168 Resp: 471951

Ion Ratio Lower Upper

168 100

99 58.1 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

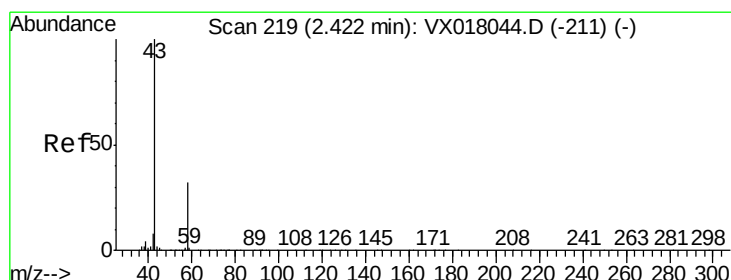
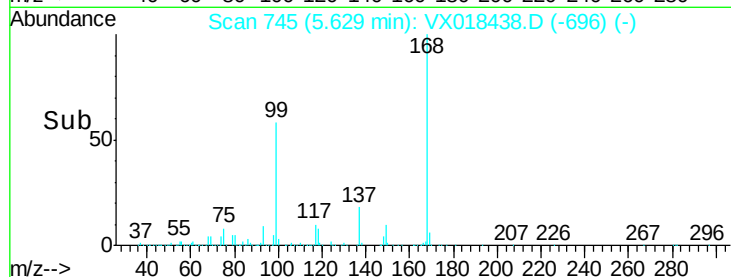
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 120.252 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018438.D

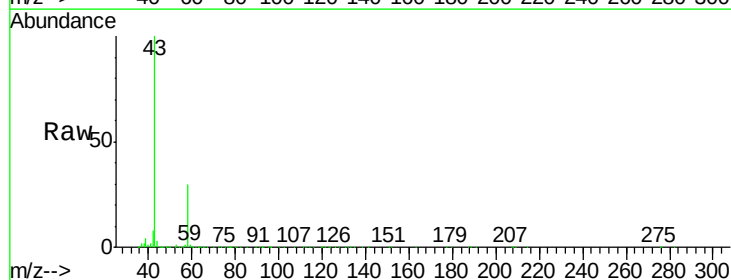
Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 307004

Ion Ratio Lower Upper

43 100

58 29.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

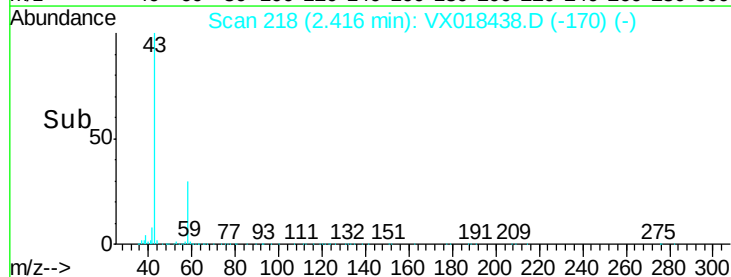
200000

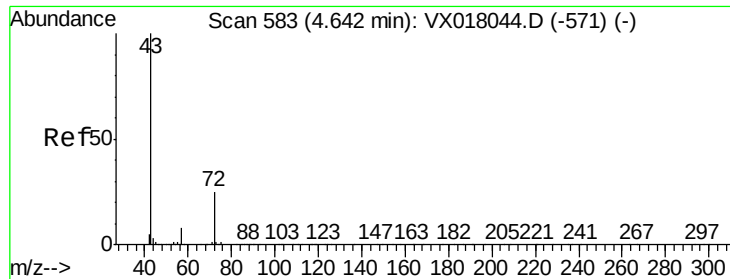
100000

0

Time-->

2.30 2.40 2.50





#25

2-Butanone

Concen: 14.505 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

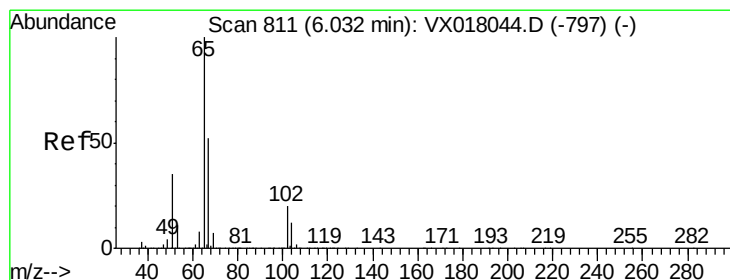
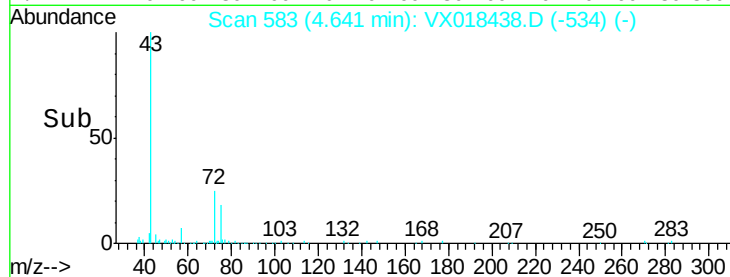
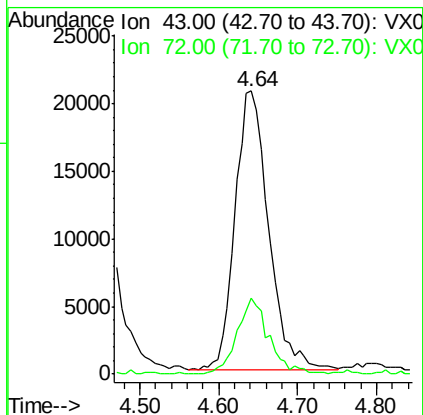
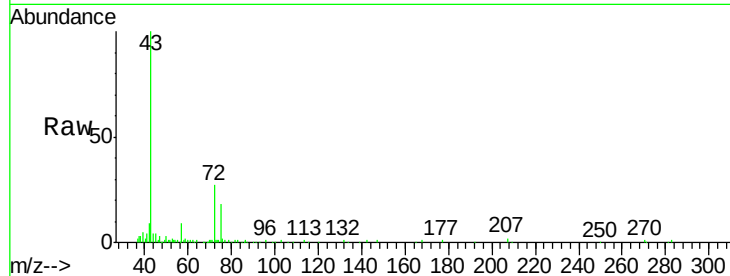
13703DL

Tot Ion: 43 Resp: 60860

Ion Ratio Lower Upper

43 100

72 27.3 19.8 29.6



#33

1,2-Dichloroethane-d4

Concen: 49.328 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018438.D

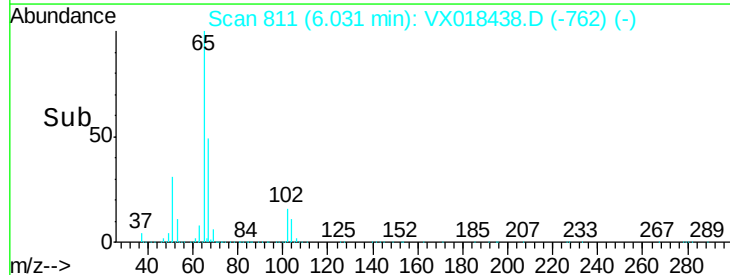
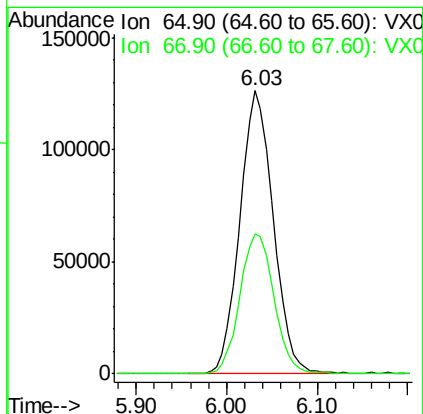
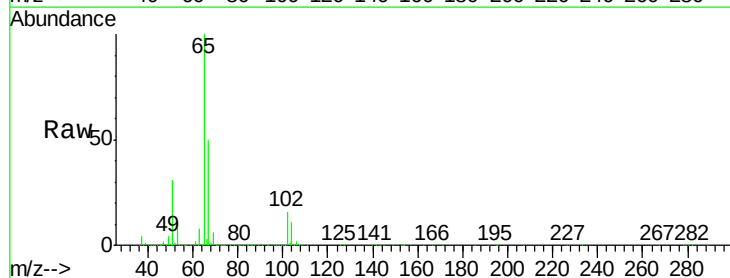
Acq: 16 Sep 2020 14:34

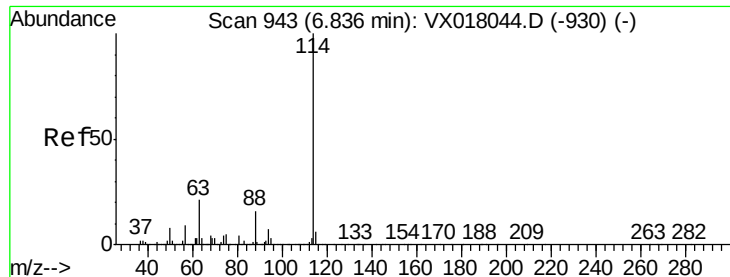
Tgt Ion: 65 Resp: 323193

Ion Ratio Lower Upper

65 100

67 50.4 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: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

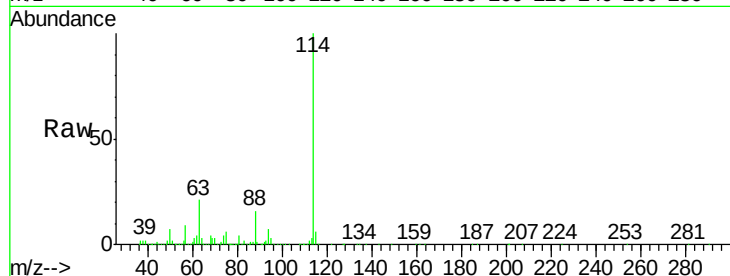
Tot Ion:114 Resp: 728426

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

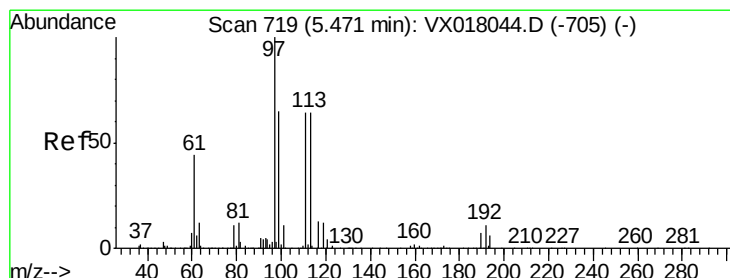
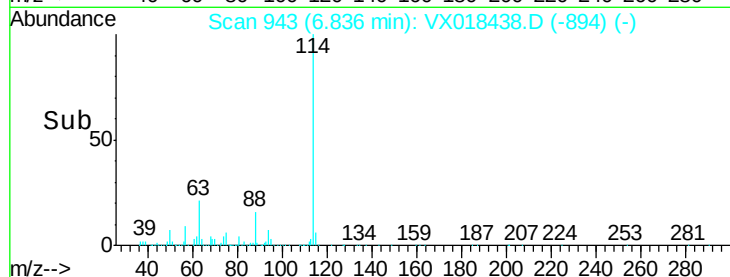
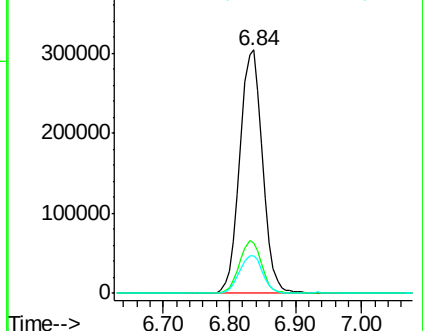
88 15.6 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

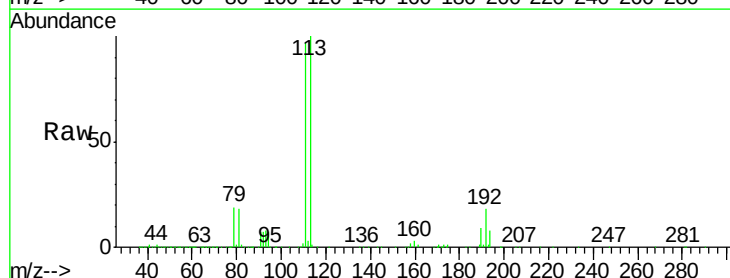
Tgt Ion:113 Resp: 252440

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

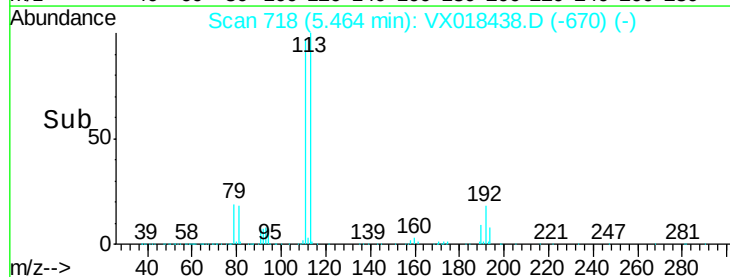
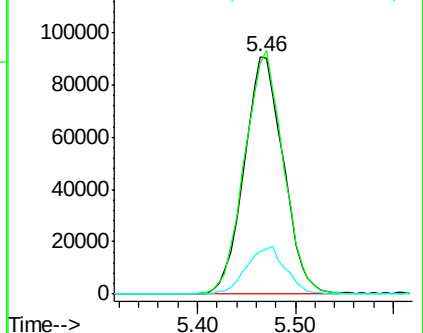
192 20.2 15.8 23.8

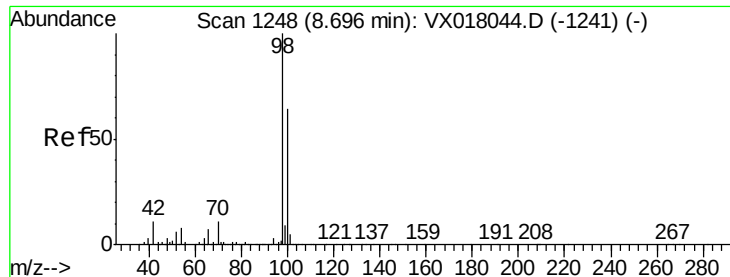


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.755 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

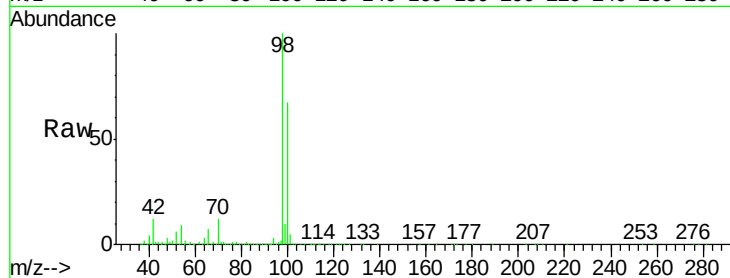
13703DL

Tot Ion: 98 Resp: 900852

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

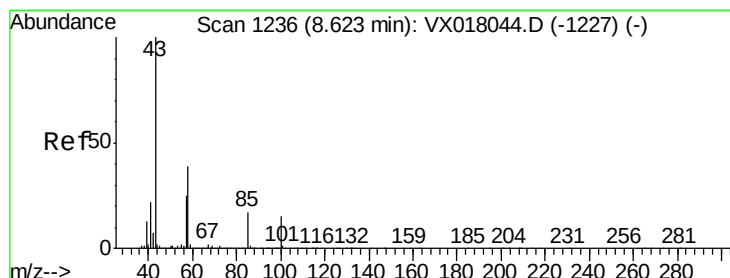
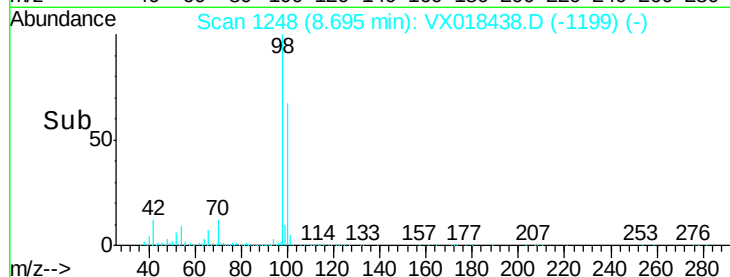
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 11.704 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018438.D

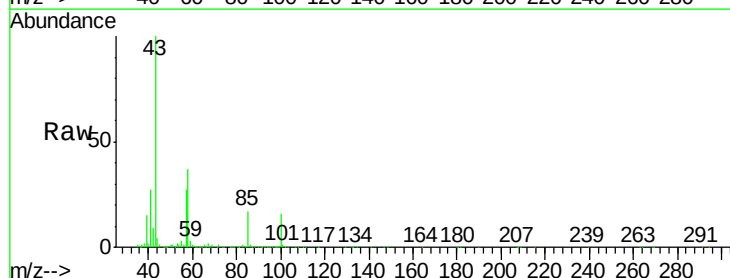
Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 91117

Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

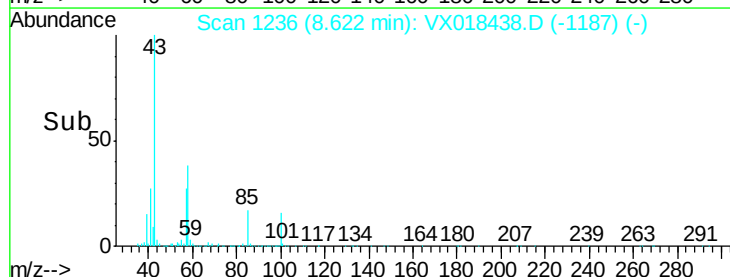
60000

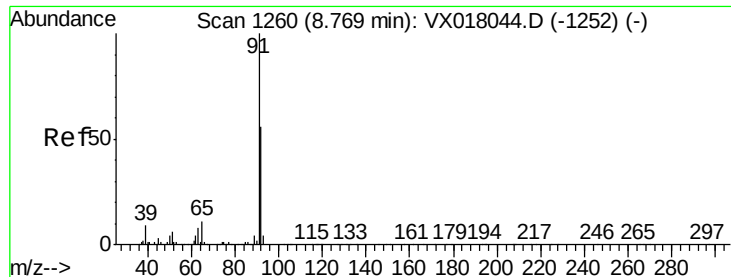
40000

20000

0

Time-->





#52

Toluene

Concen: 13.619 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

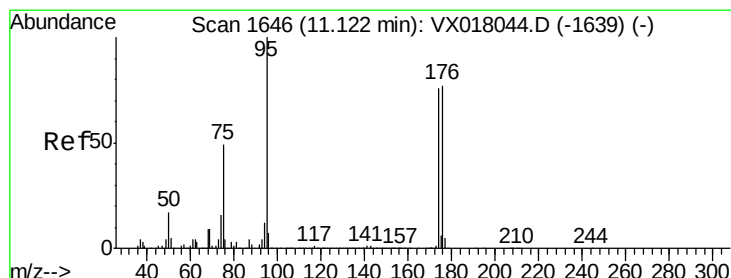
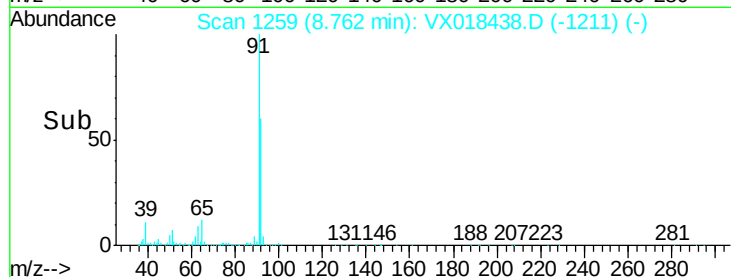
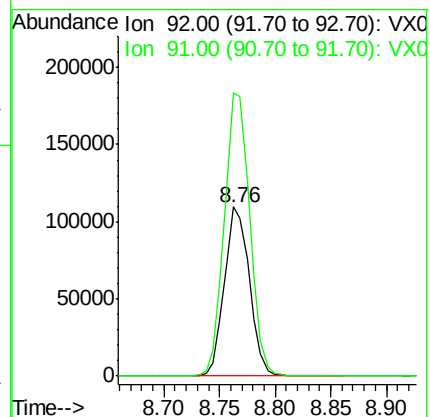
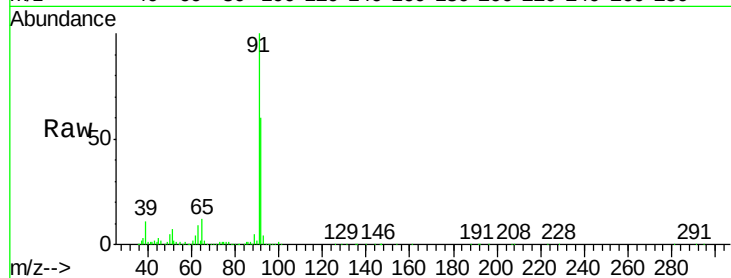
13703DL

Tot Ion: 92 Resp: 170490

Ion Ratio Lower Upper

92 100

91 171.0 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 46.564 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

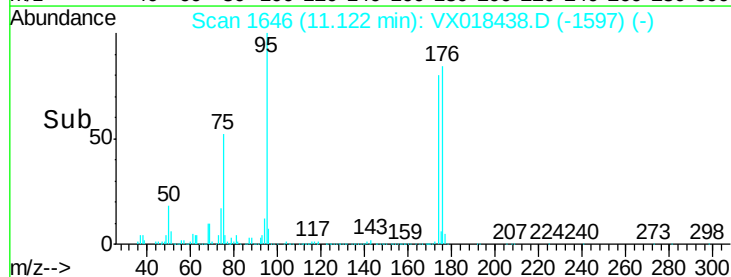
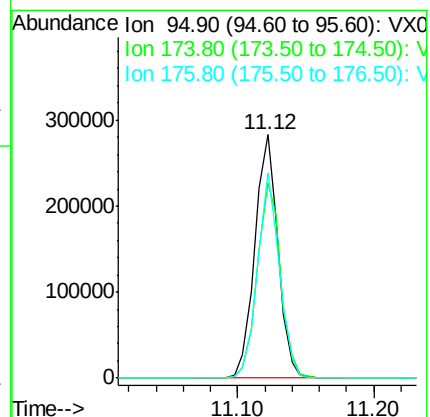
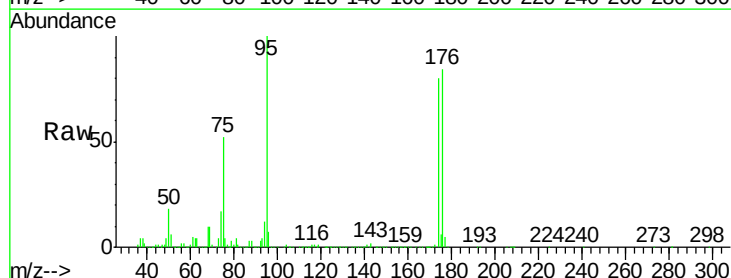
Tgt Ion: 95 Resp: 338510

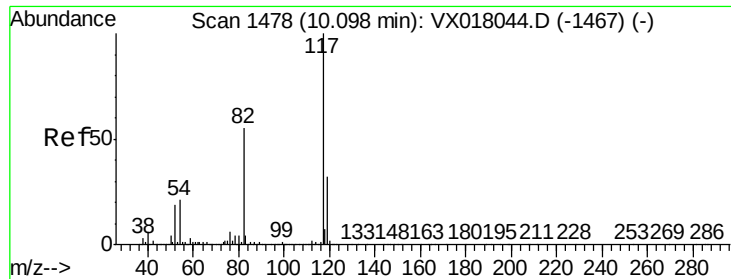
Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.2

176 79.9 0.0 155.8

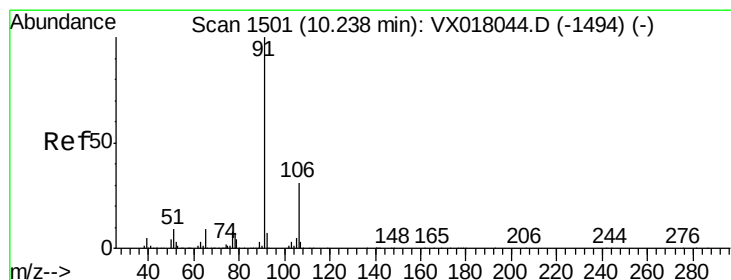
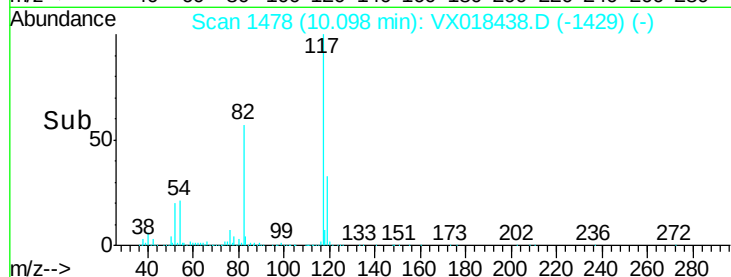
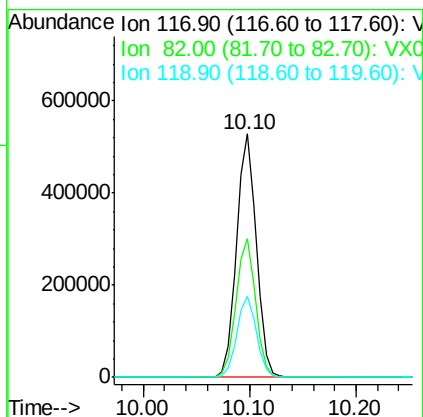
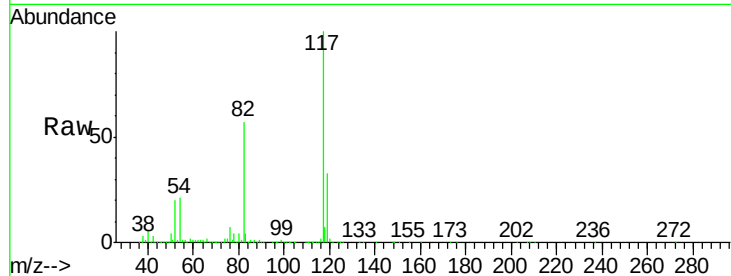




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

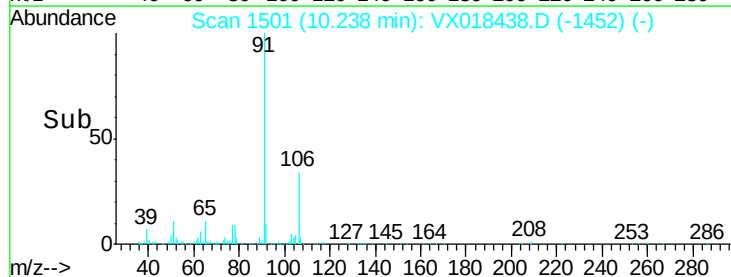
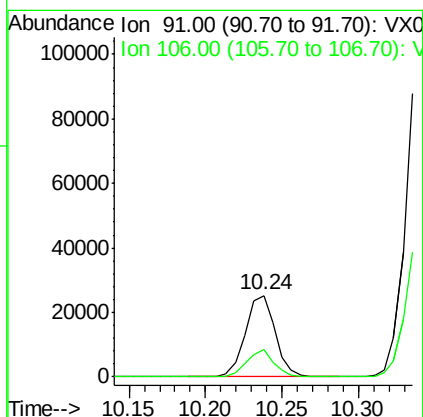
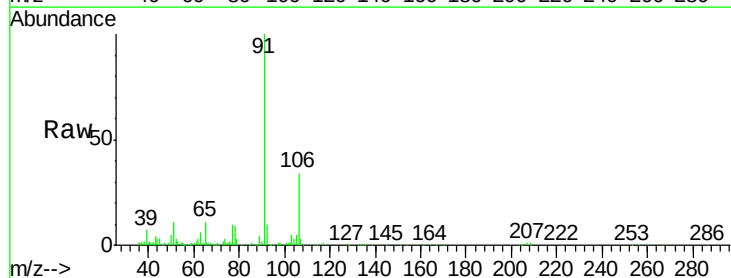
Instrument :
MSVOA_X
ClientSampleId :
13703DL

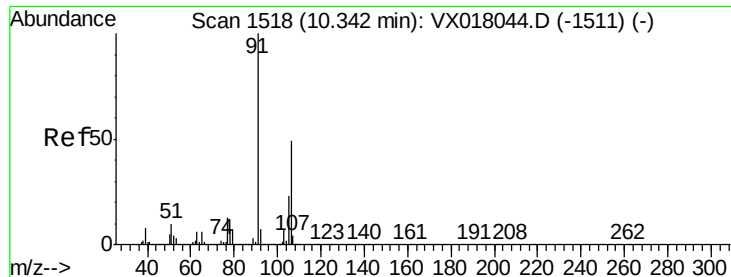
Tot Ion:117 Resp: 690855
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.3 25.7 38.5



#67
Ethyl Benzene
Concen: 1.448 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion: 91 Resp: 33982
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3





#68

m/p-Xylenes

Concen: 7.583 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

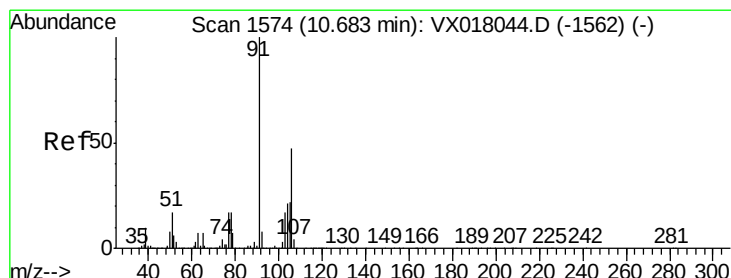
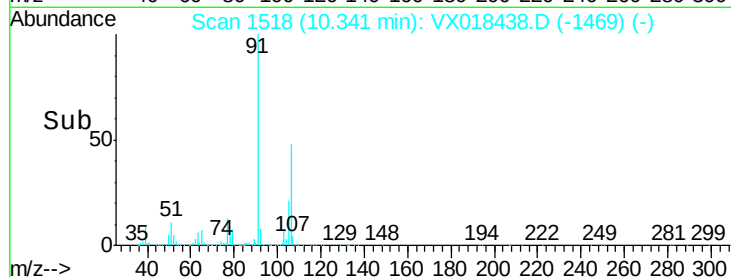
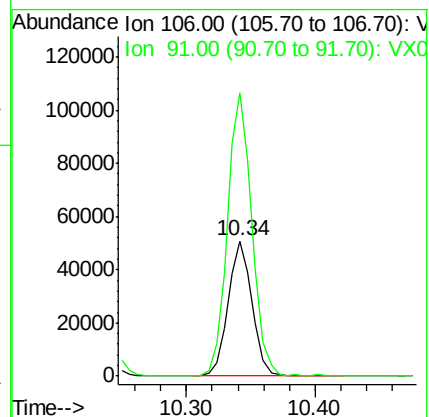
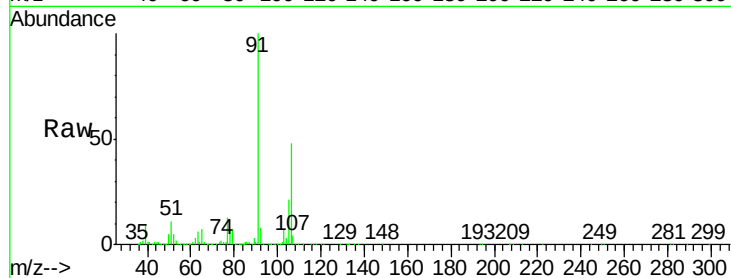
13703DL

Tot Ion:106 Resp: 66412

Ion Ratio Lower Upper

106 100

91 212.9 162.2 243.2



#69

o-Xylene

Concen: 3.070 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018438.D

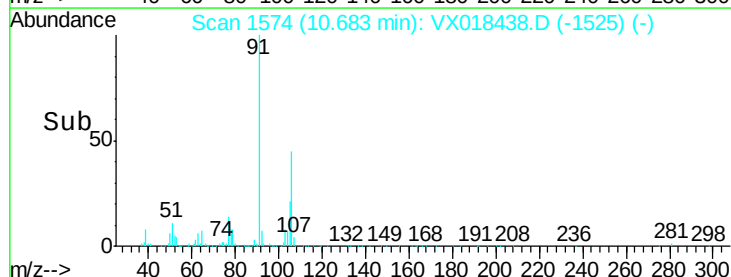
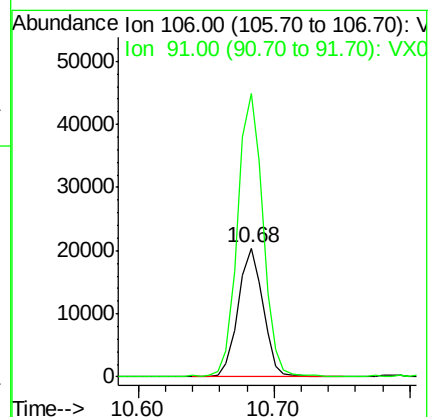
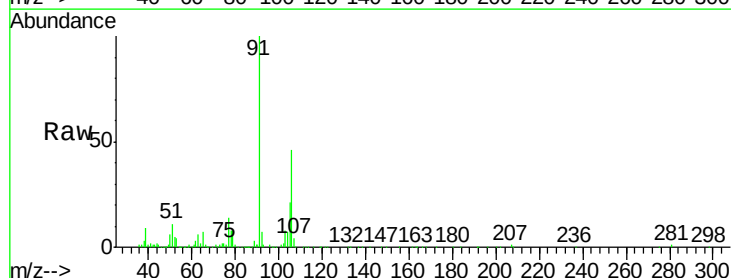
Acq: 16 Sep 2020 14:34

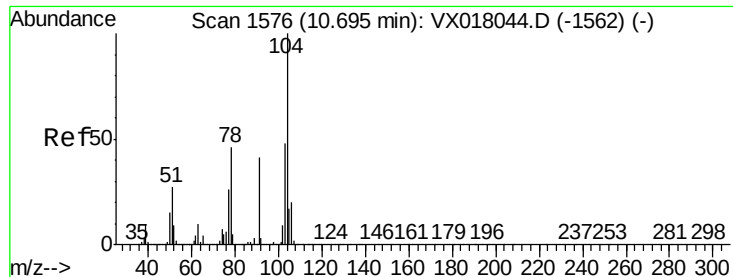
Tgt Ion:106 Resp: 26067

Ion Ratio Lower Upper

106 100

91 224.7 107.1 321.3

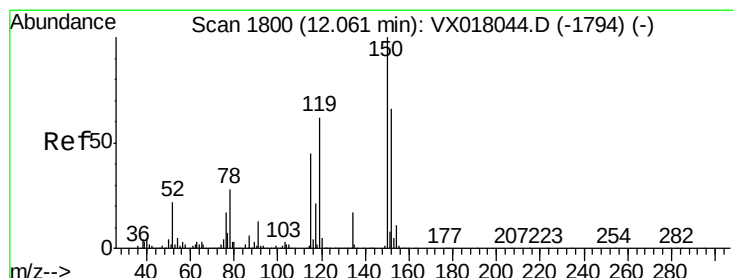
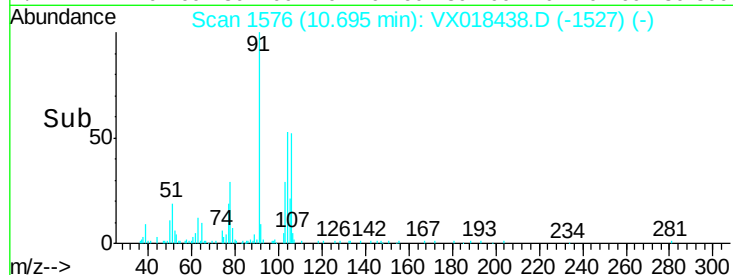
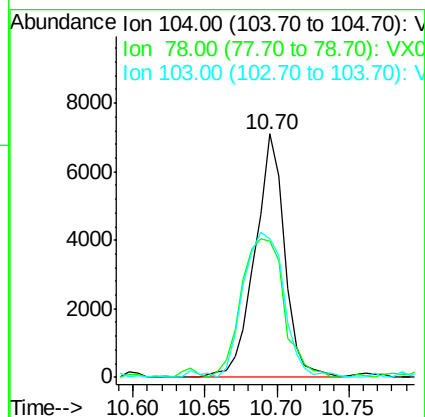
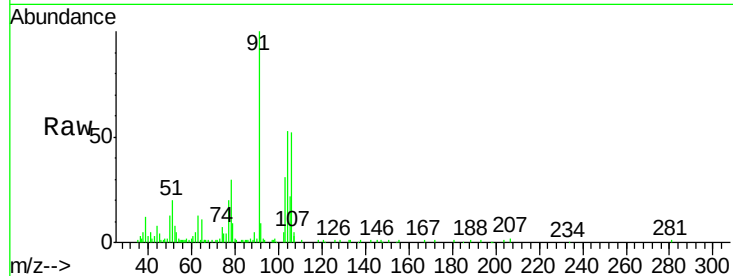




#70
Stvrene
Concen: 0.700 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :
13703DL

Tot Ion	Ratio	Lower	Upper
104	100		
78	82.8	40.9	61.3#
103	81.9	43.6	65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	41.5	124.5
150	155.6	0.0	343.8

