

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018920.D
 Acq On : 12 Oct 2020 21:40
 Operator : JC/SP
 Sample : L4299-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 86-96-COMP

Quant Time: Oct 13 05:17:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

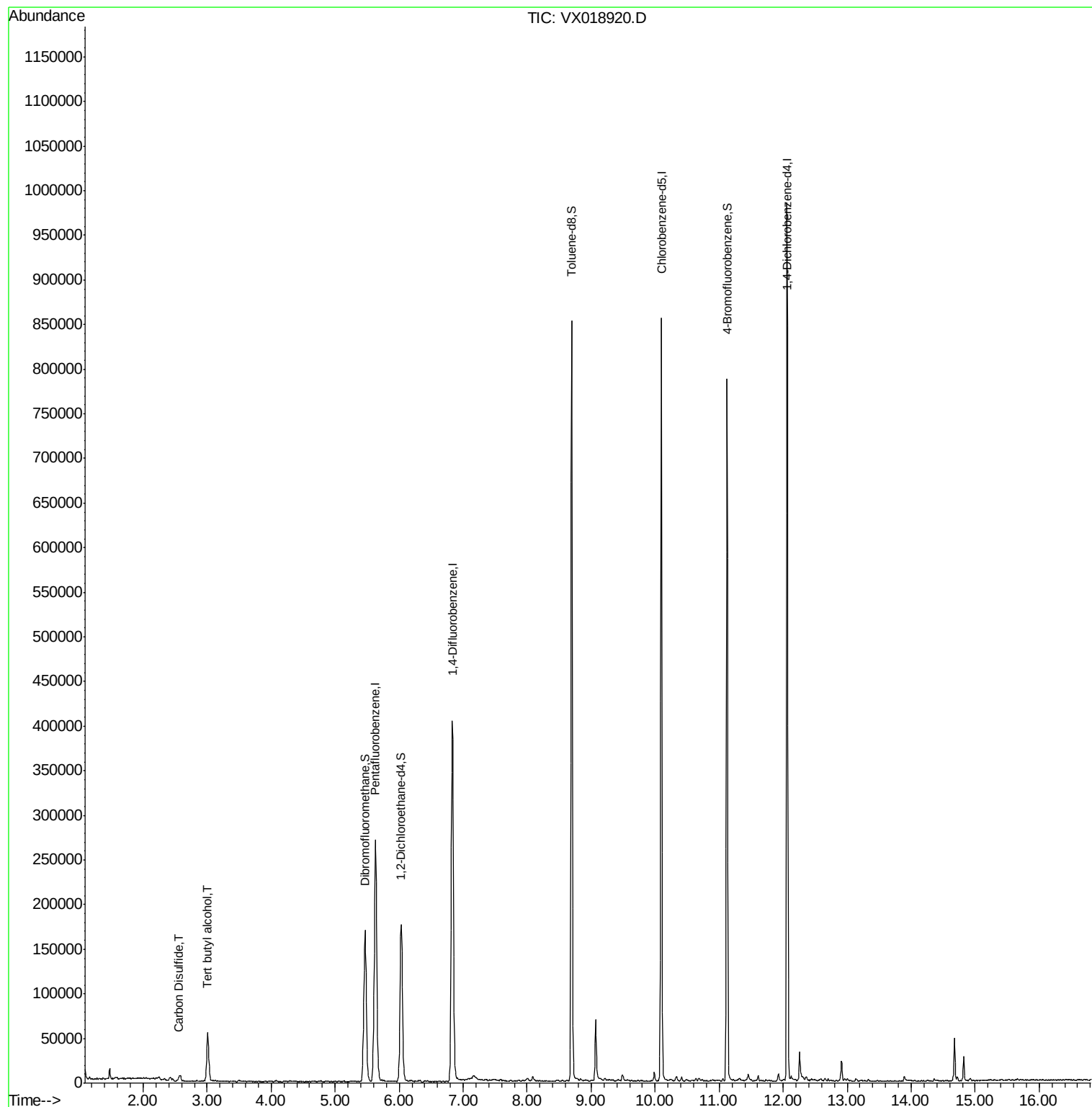
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	181750	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	5.47	113	143191	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	8.70	98	485147	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.12	95	188834	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	62820	108.669	ug/l	99
17) Carbon Disulfide	2.56	76	2610	0.387	ug/l #	82

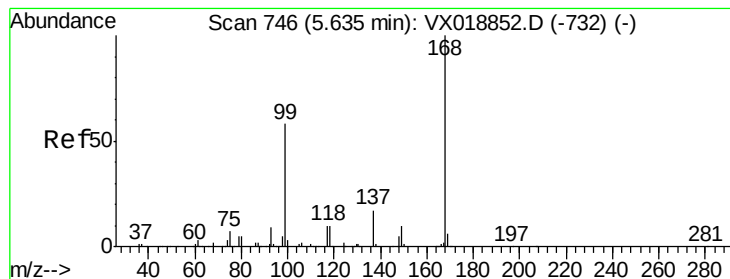
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 10 06:09:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

Instrument :

MSVOA_X

ClientSampled :

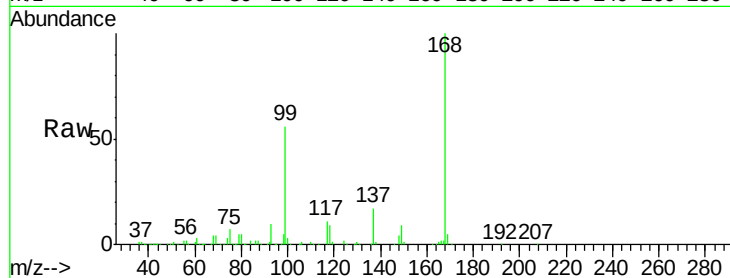
86-96-COMP

Tot Ion:168 Resp: 248859

Ion Ratio Lower Upper

168 100

99 56.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

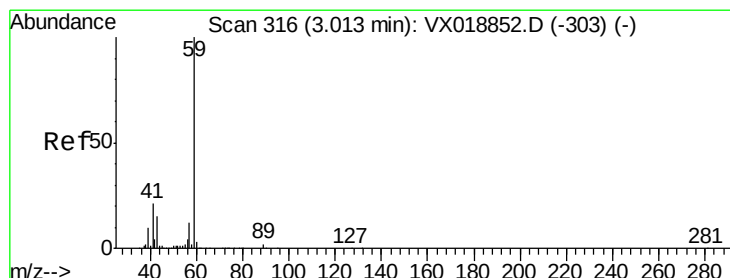
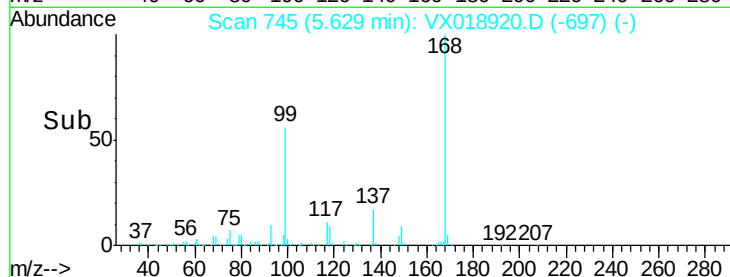
40000

20000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 108.669 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018920.D

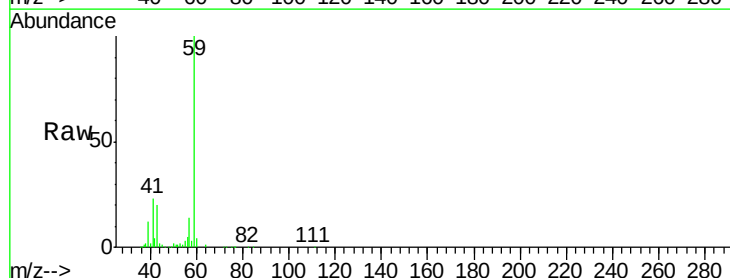
Acq: 12 Oct 2020 21:40

Tgt Ion: 59 Resp: 62820

Ion Ratio Lower Upper

59 100

57 11.6 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

30000

25000

20000

15000

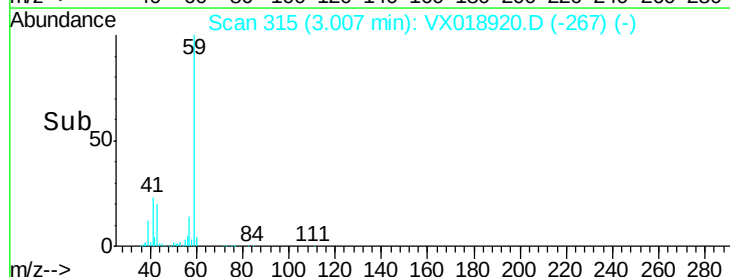
10000

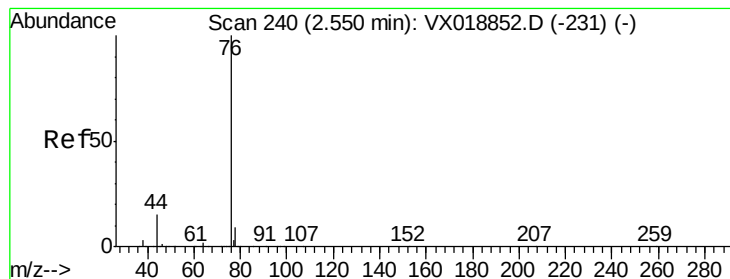
5000

0

Time-->

2.90 3.00 3.10





#17

Carbon Disulfide

Concen: 0.387 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

Instrument :

MSVOA_X

ClientSampleId :

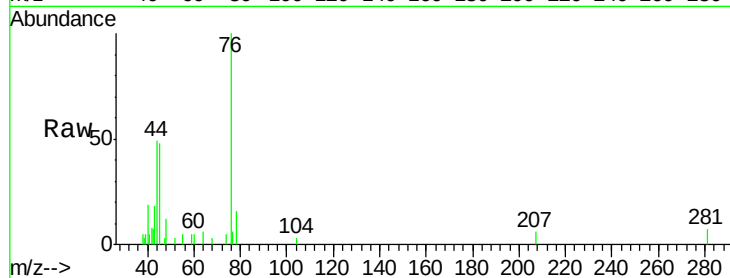
86-96-COMP

Tot Ion: 76 Resp: 2610

Ion Ratio Lower Upper

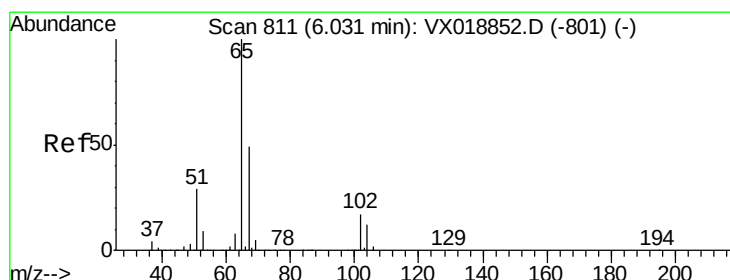
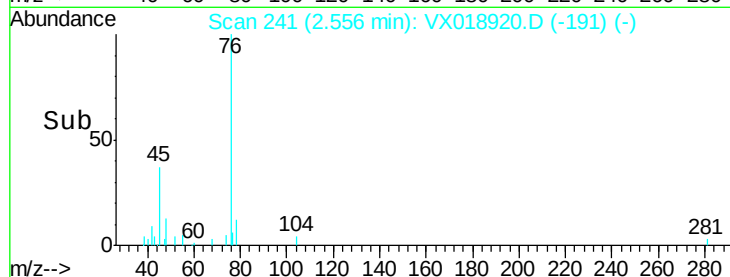
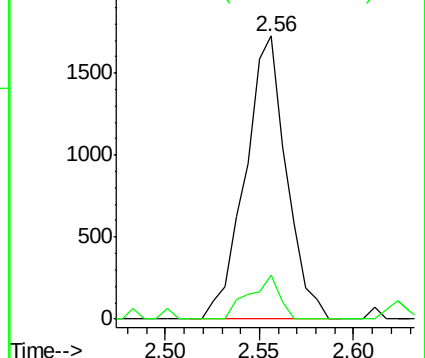
76 100

78 15.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.517 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018920.D

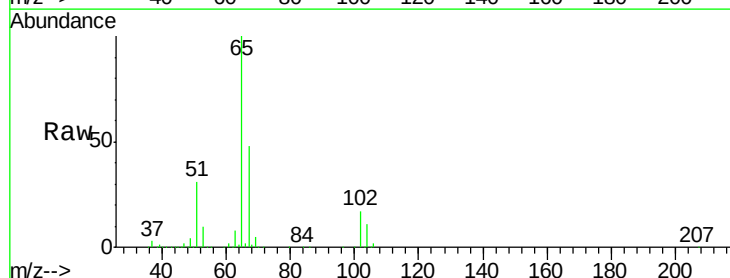
Acq: 12 Oct 2020 21:40

Tgt Ion: 65 Resp: 181750

Ion Ratio Lower Upper

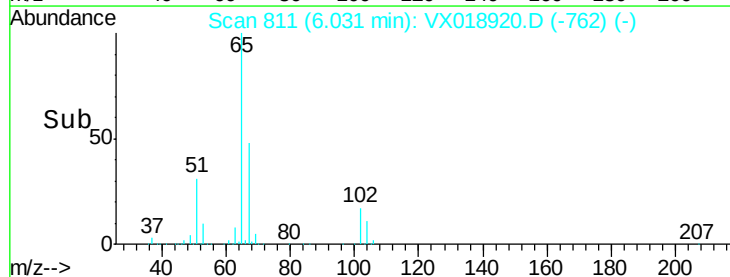
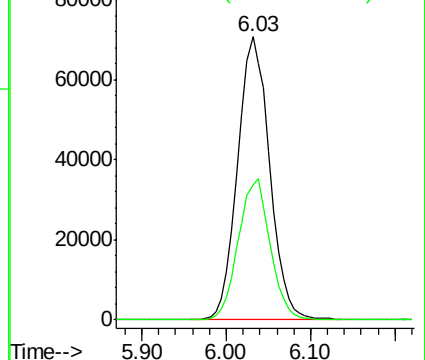
65 100

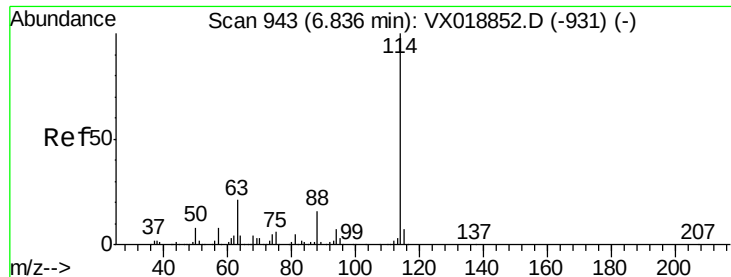
67 49.4 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

Instrument :

MSVOA_X

ClientSampleId :

86-96-COMP

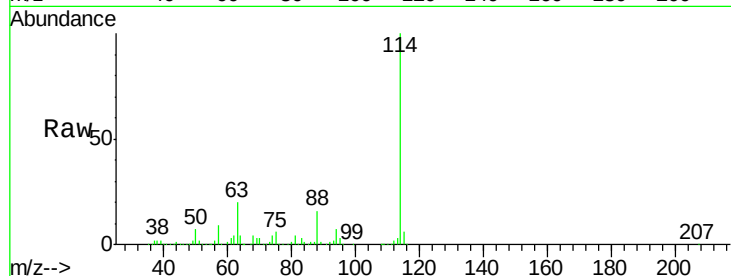
Tot Ion:114 Resp: 388822

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

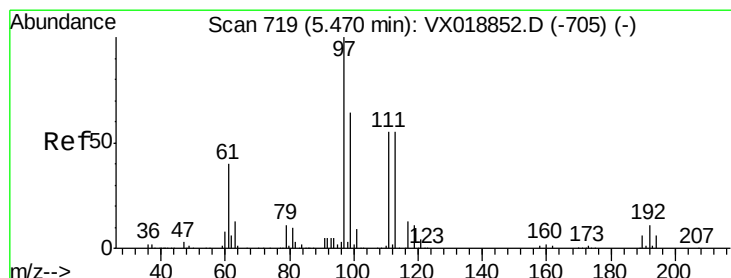
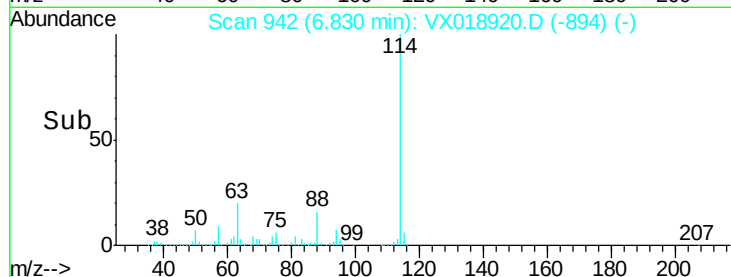
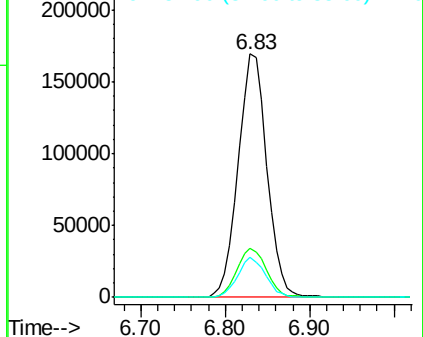
88 16.4 0.0 32.6



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: 51.675 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

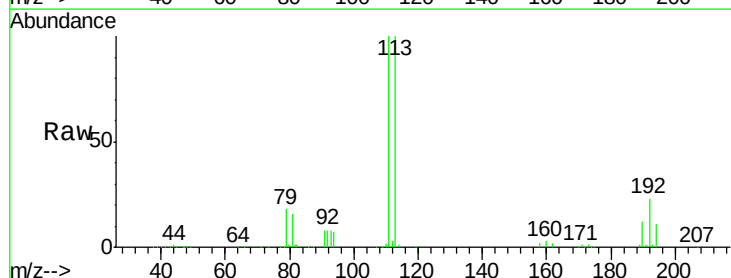
Tgt Ion:113 Resp: 143191

Ion Ratio Lower Upper

113 100

111 100.9 80.1 120.1

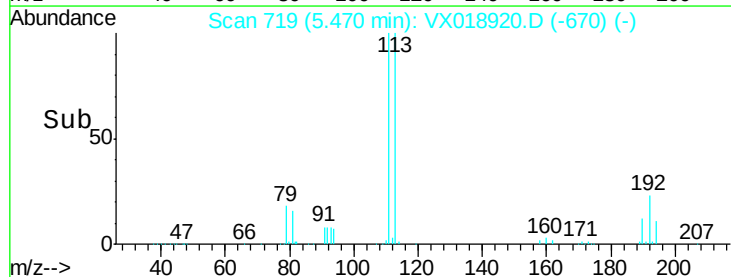
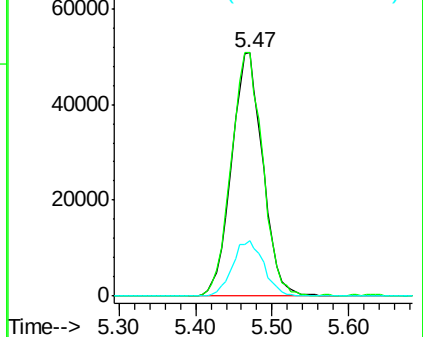
192 22.8 16.0 24.0

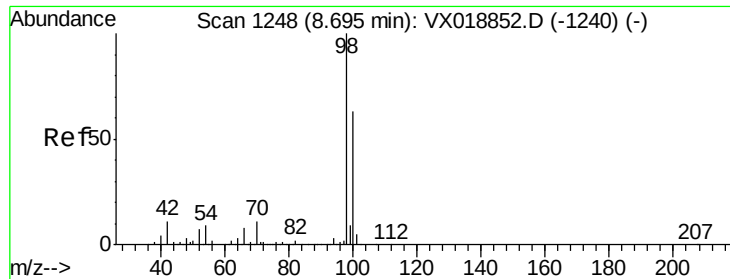


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.474 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

Instrument :

MSVOA_X

ClientSampleId :

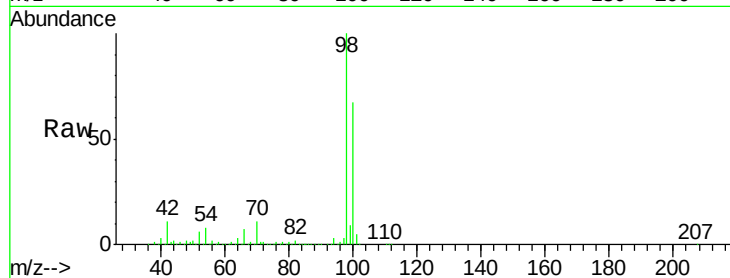
86-96-COMP

Tot Ion: 98 Resp: 485147

Ion Ratio Lower Upper

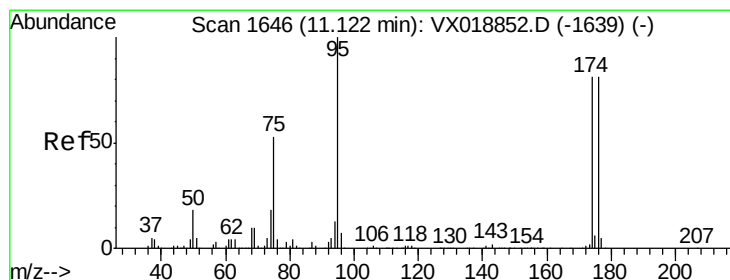
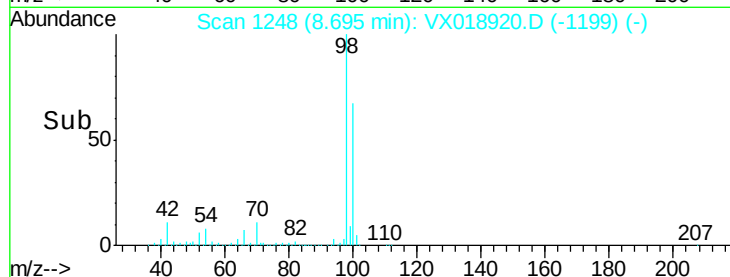
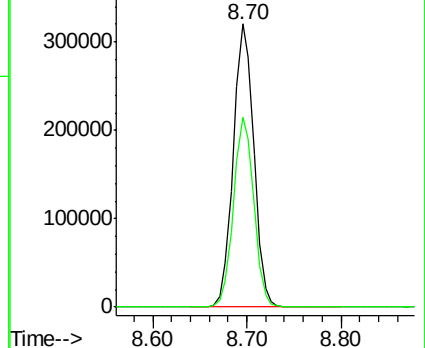
98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.293 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018920.D

Acq: 12 Oct 2020 21:40

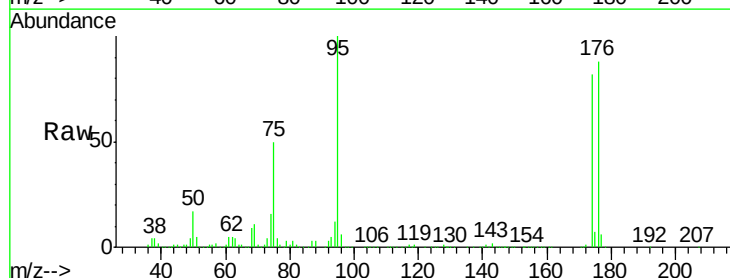
Tgt Ion: 95 Resp: 188834

Ion Ratio Lower Upper

95 100

174 88.2 0.0 160.0

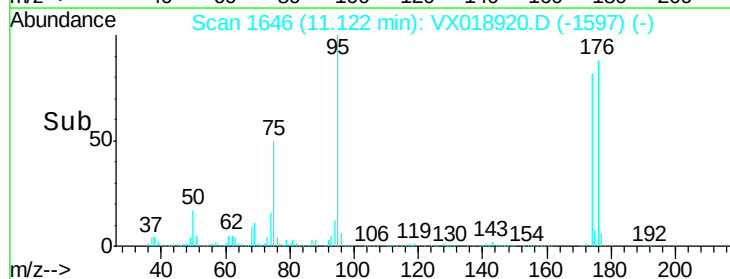
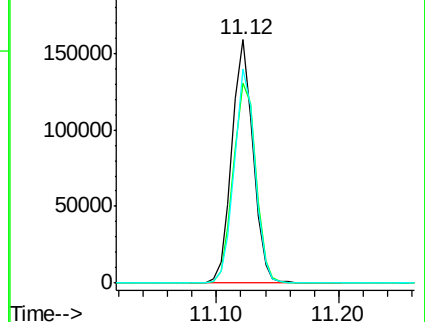
176 86.2 0.0 161.2

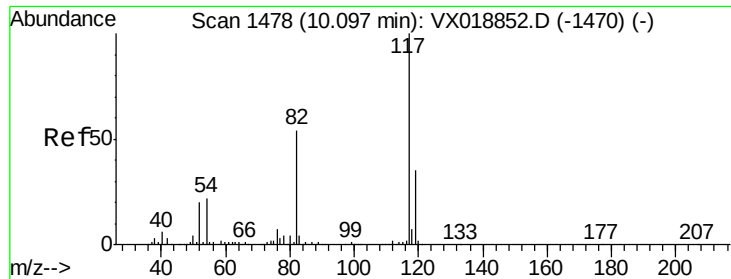


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

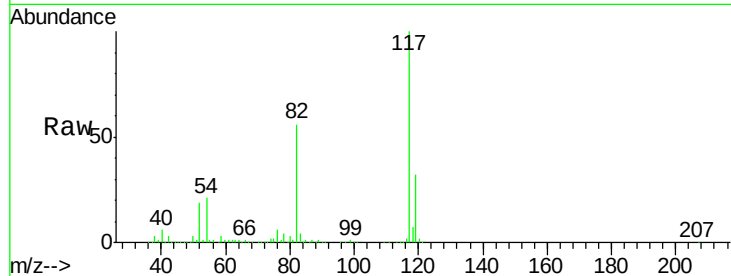




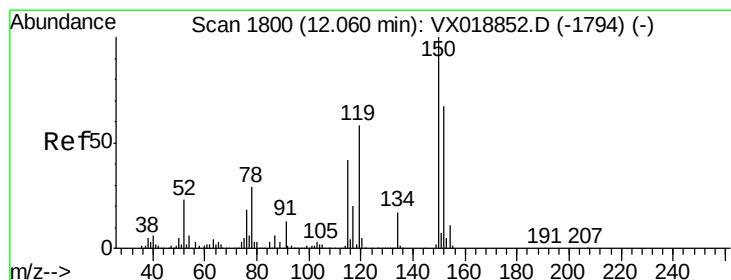
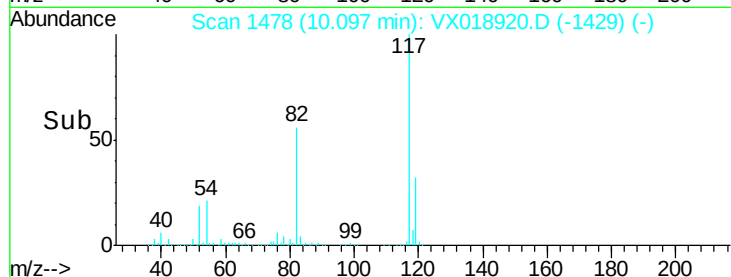
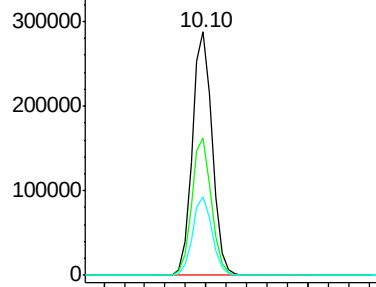
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018920.D
Acq: 12 Oct 2020 21:40

Instrument :
MSVOA_X
ClientSampleId :
86-96-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.4	65.2
119	32.2	28.3	42.5

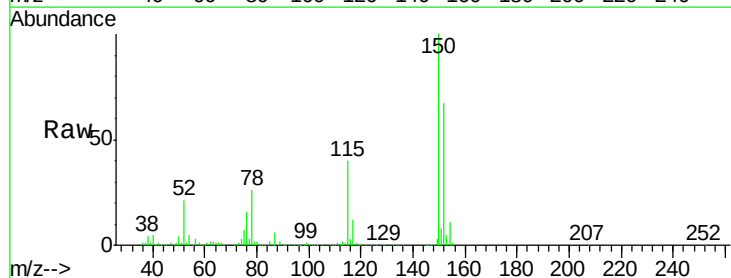


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018920.D
Acq: 12 Oct 2020 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	41.8	125.4
150	148.8	0.0	347.6



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

