

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017099.D
 Acq On : 01 Jul 2020 15:38
 Operator : JC/SP
 Sample : L3129-02 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1445

Quant Time: Jul 02 02:29:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

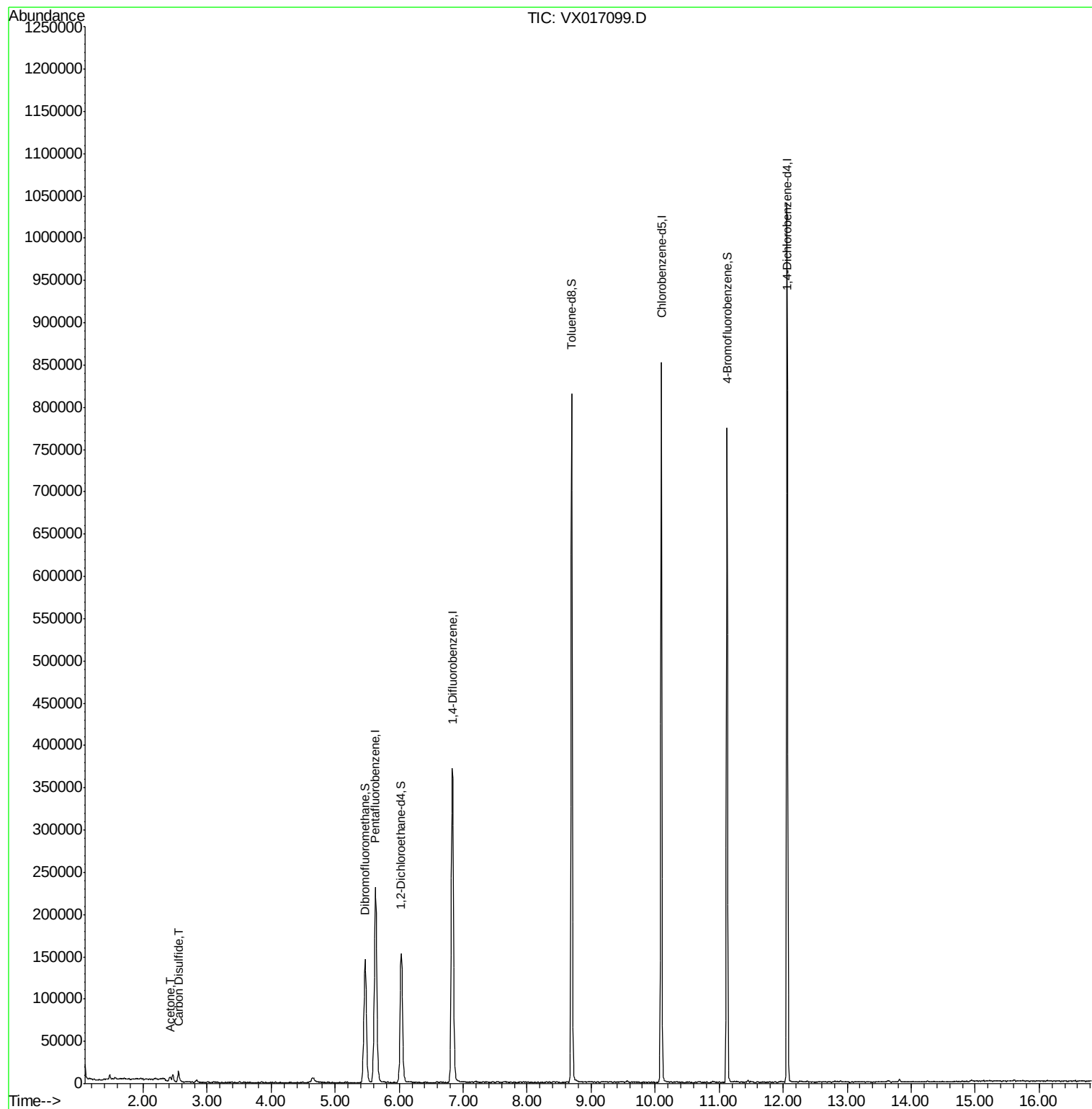
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	219274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	148233	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	5.47	113	127178	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	8.70	98	460071	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	190020	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
Target Compounds						
16) Acetone	2.42	43	6496	6.424	ug/l #	86
17) Carbon Disulfide	2.55	76	14995	2.499	ug/l	96

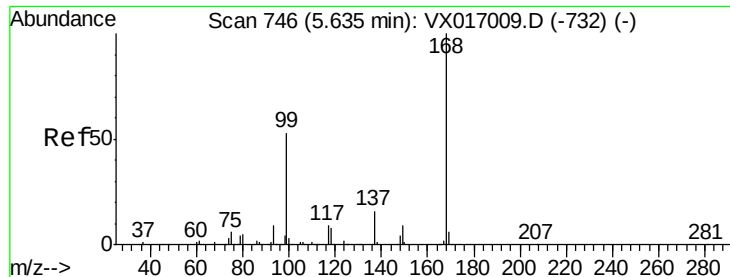
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

Instrument :

MSVOA_X

ClientSampled :

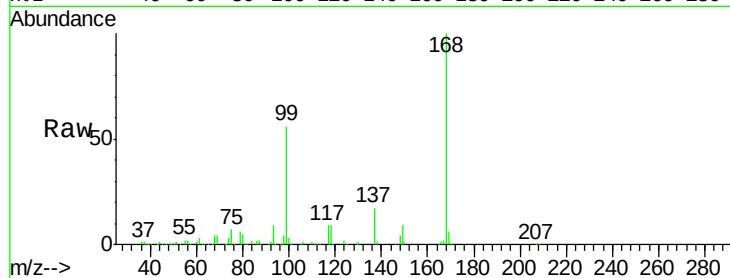
1445

Tot Ion:168 Resp: 219274

Ion Ratio Lower Upper

168 100

99 56.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

40000

20000

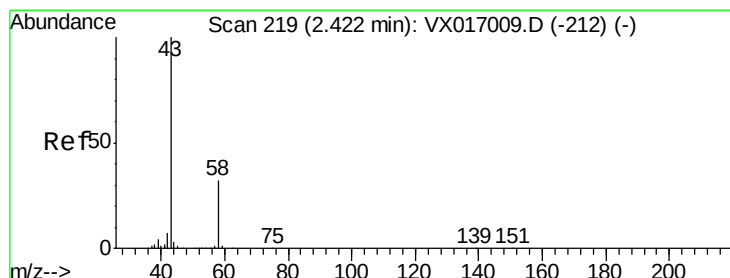
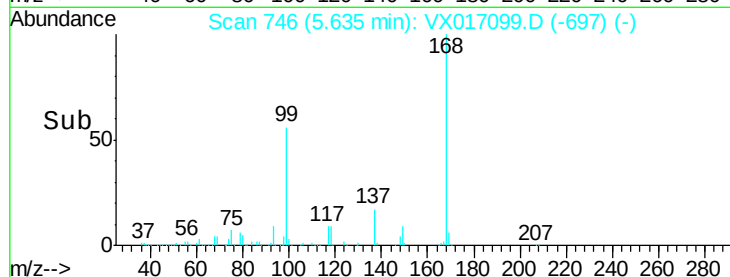
0

Time-->

5.50

5.60

5.70



#16

Acetone

Concen: 6.424 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017099.D

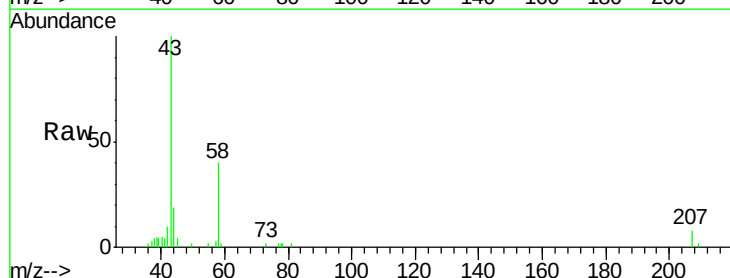
Acq: 01 Jul 2020 15:38

Tgt Ion: 43 Resp: 6496

Ion Ratio Lower Upper

43 100

58 40.1 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

2000

1000

0

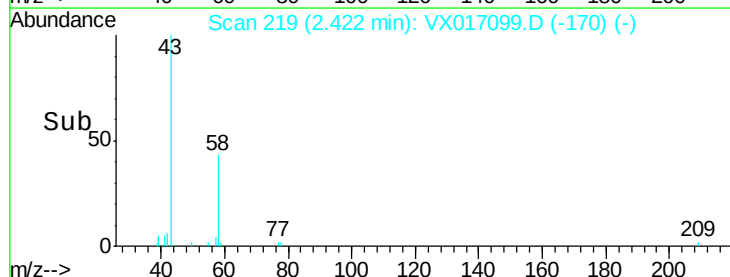
Time-->

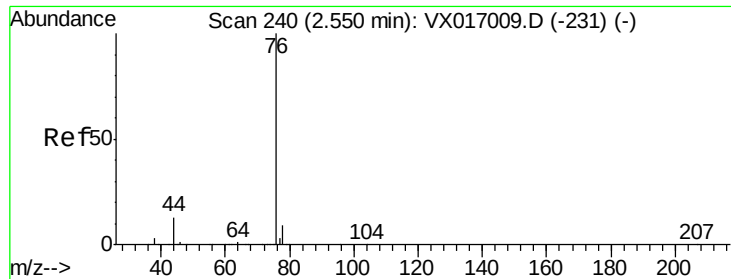
2.35

2.40

2.45

2.50





#17

Carbon Disulfide

Concen: 2.499 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

Instrument :

MSVOA_X

ClientSampled :

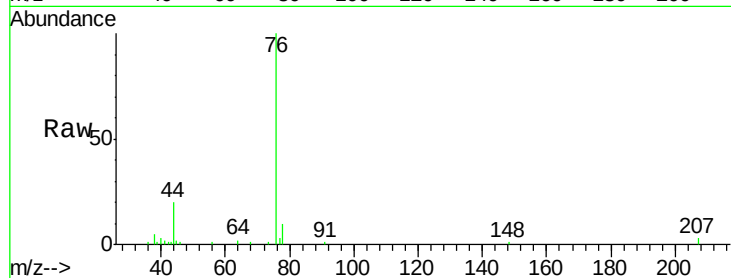
1445

Tot Ion: 76 Resp: 14995

Ion Ratio Lower Upper

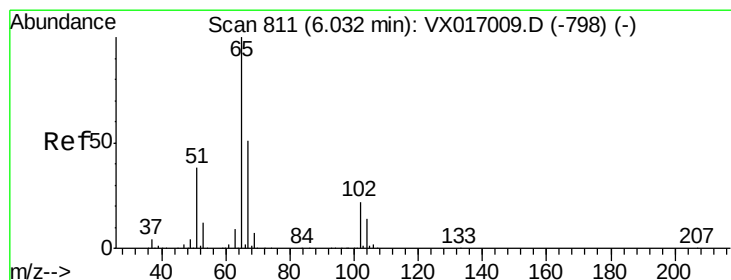
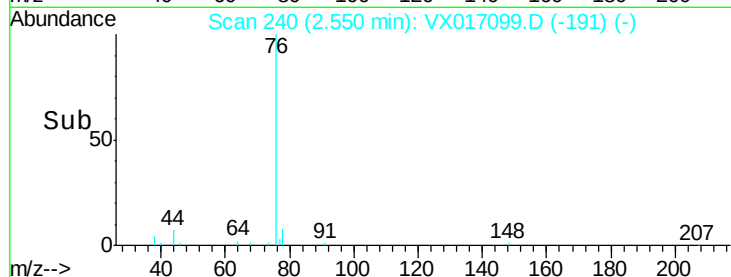
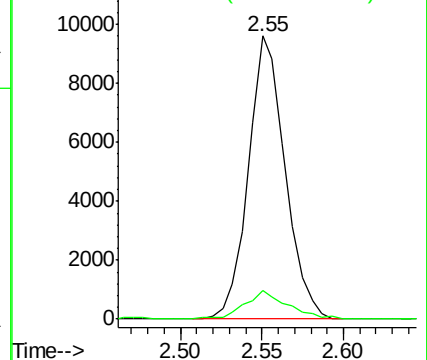
76 100

78 10.3 7.2 10.8



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: 54.836 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017099.D

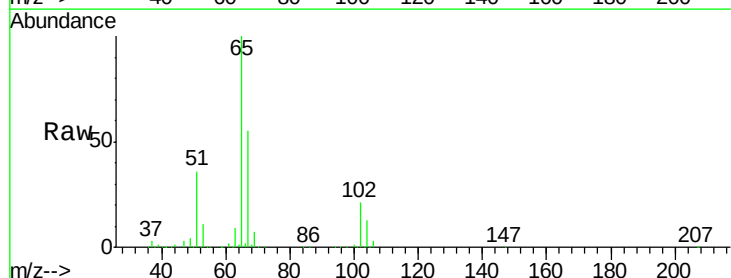
Acq: 01 Jul 2020 15:38

Tgt Ion: 65 Resp: 148233

Ion Ratio Lower Upper

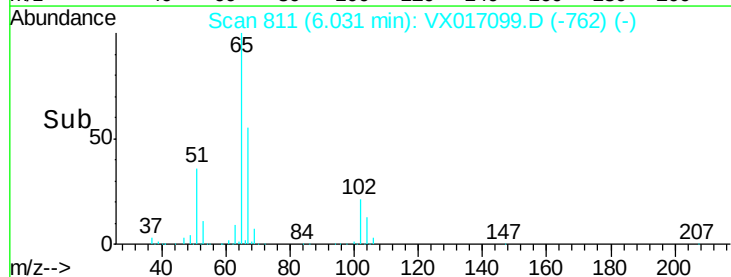
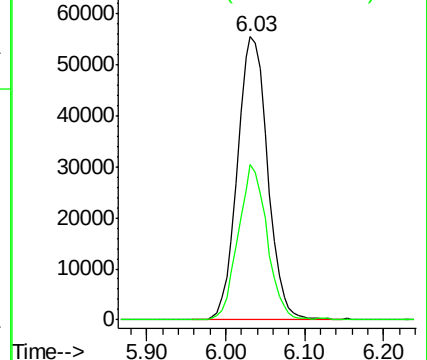
65 100

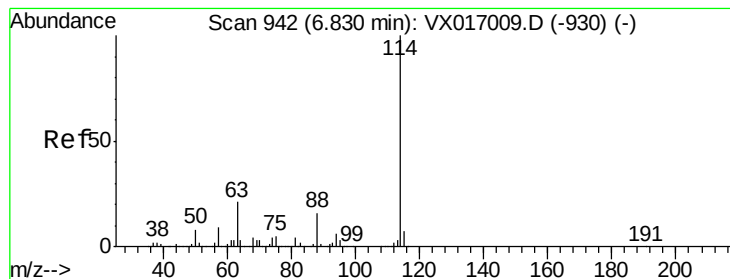
67 52.3 0.0 103.8



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. -0.00 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

1445

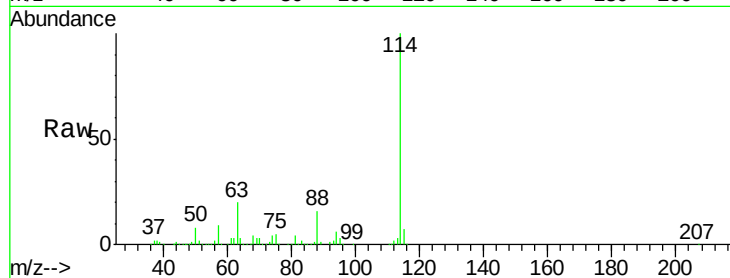
Tot Ion:114 Resp: 378852

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

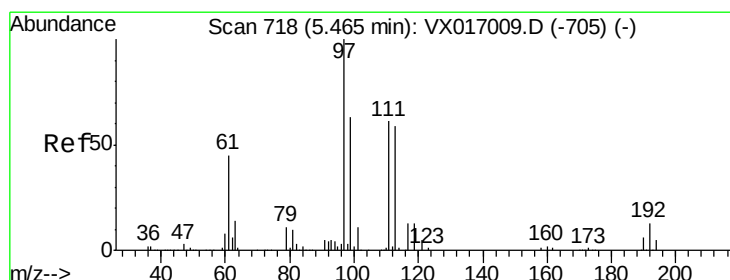
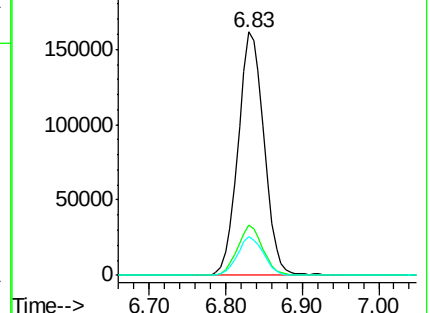
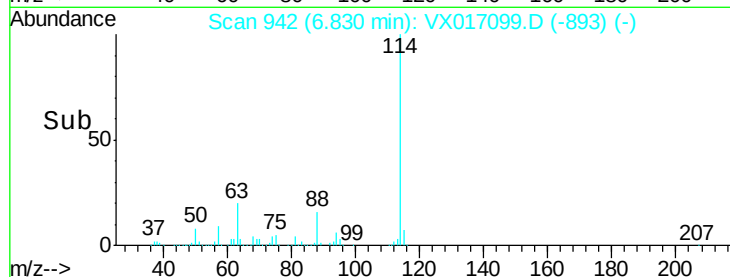
88 15.7 0.0 32.4



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: 53.068 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

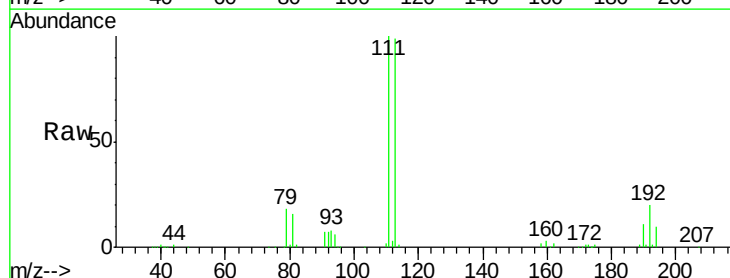
Tgt Ion:113 Resp: 127178

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

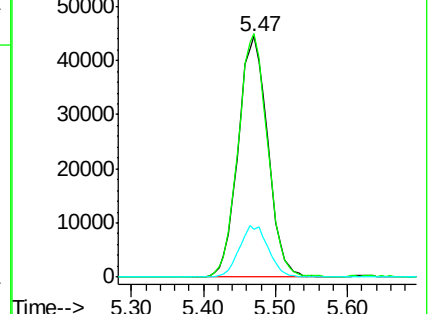
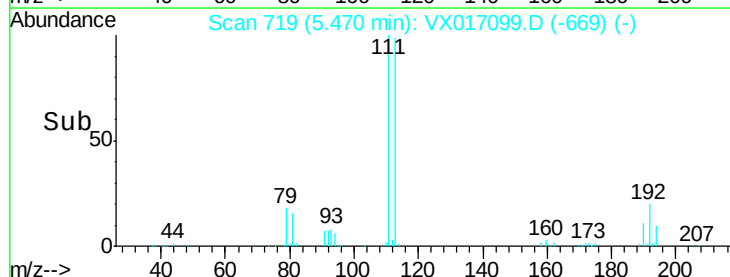
192 21.1 16.7 25.1

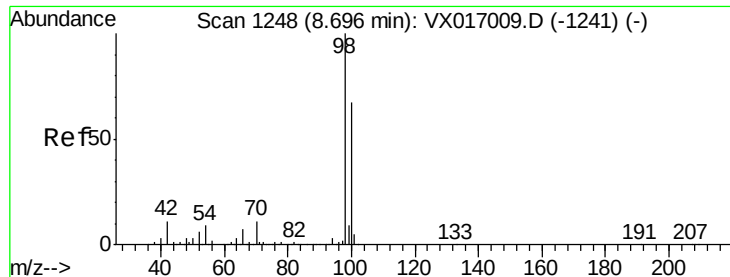


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.916 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

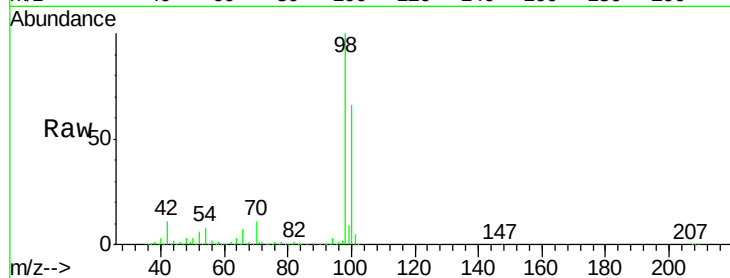
1445

Tot Ion: 98 Resp: 460071

Ion Ratio Lower Upper

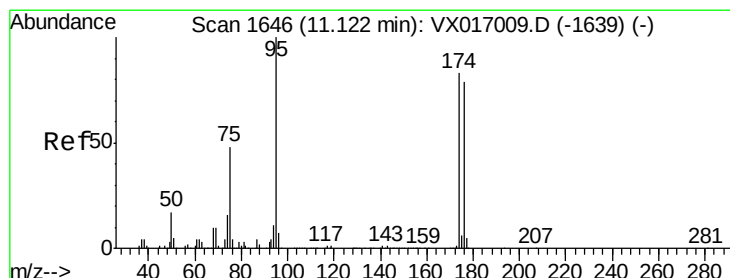
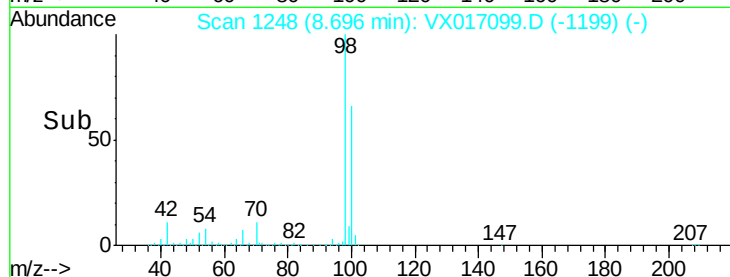
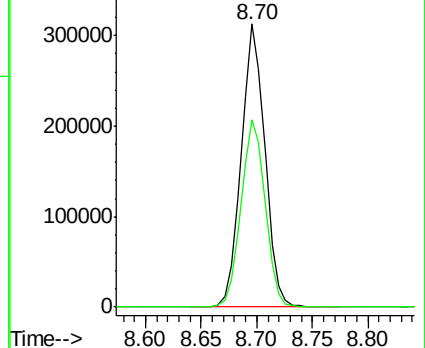
98 100

100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.853 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017099.D

Acq: 01 Jul 2020 15:38

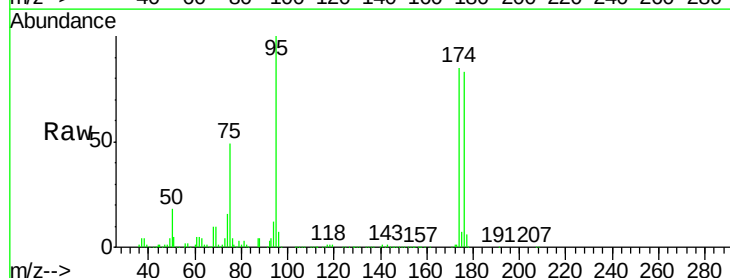
Tgt Ion: 95 Resp: 190020

Ion Ratio Lower Upper

95 100

174 84.9 0.0 164.0

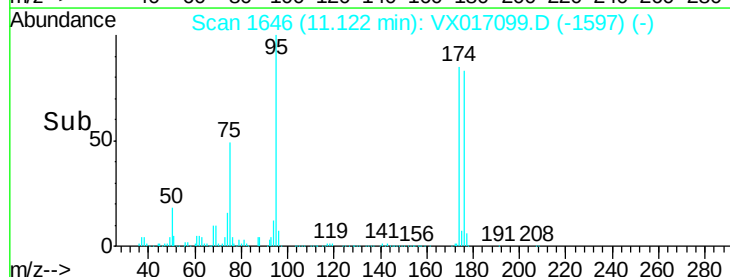
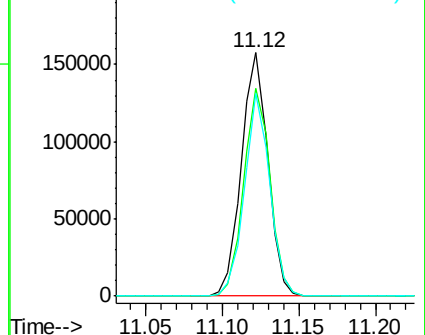
176 78.9 0.0 157.6

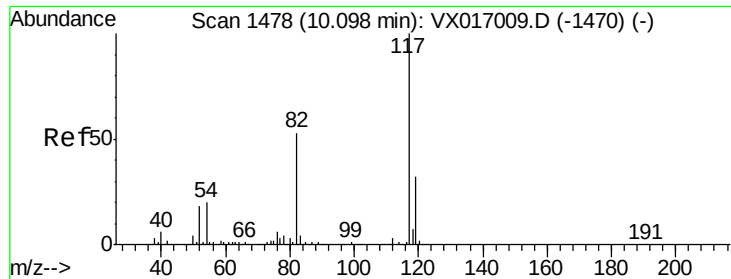


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

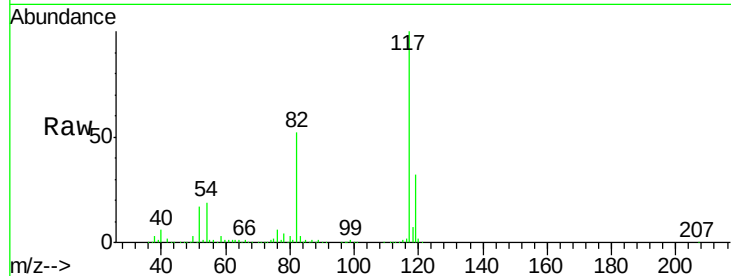




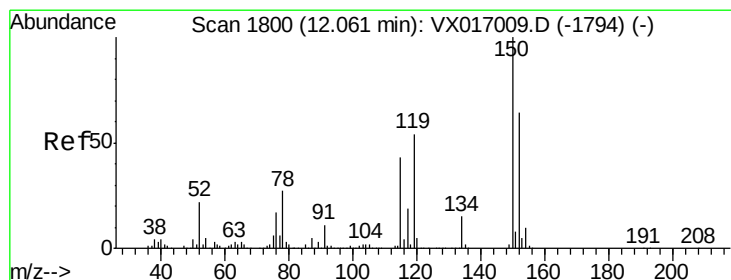
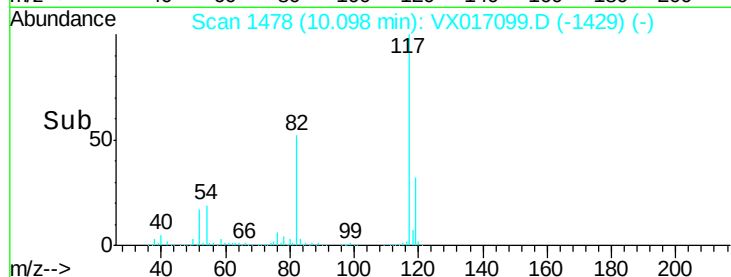
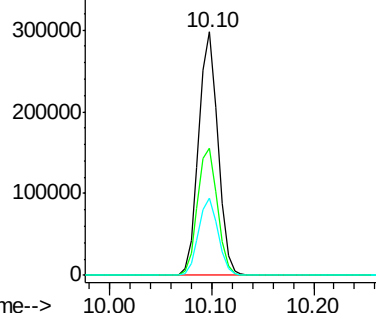
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017099.D
Acq: 01 Jul 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
1445

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	31.7	25.4	38.2

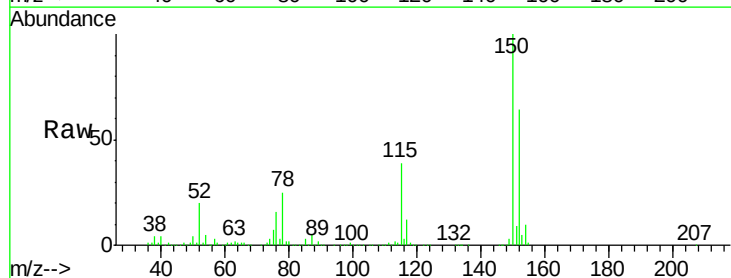


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017099.D
Acq: 01 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.9	122.7
150	156.3	0.0	351.6



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

