

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016696.D
 Acq On : 11 Jun 2020 12:10
 Operator : JC/SP
 Sample : L2963-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0568-200609

Quant Time: Jun 12 07:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

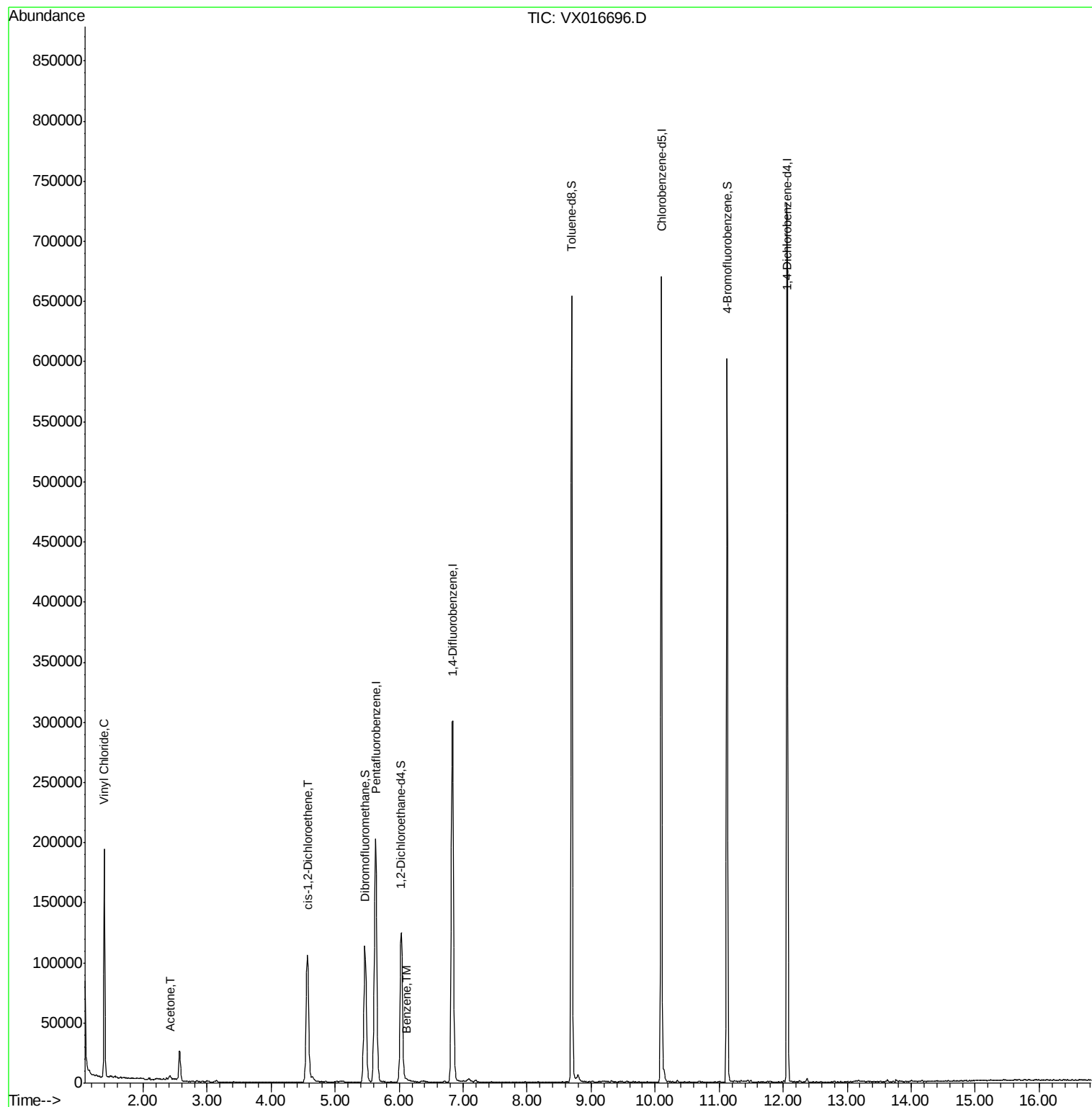
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	201961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	315161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	318616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	122604	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	5.47	113	99163	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	8.70	98	385869	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	153459	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
Target Compounds						
4) Vinyl Chloride	1.39	62	111858	44.038	ug/l	99
16) Acetone	2.42	43	2469	2.247	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	71590	28.789	ug/l	88
40) Benzene	6.12	78	2736	0.308	ug/l #	88

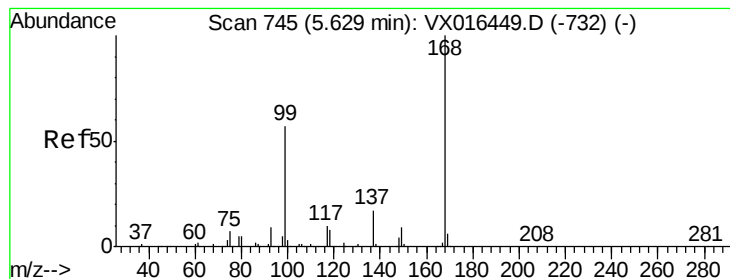
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

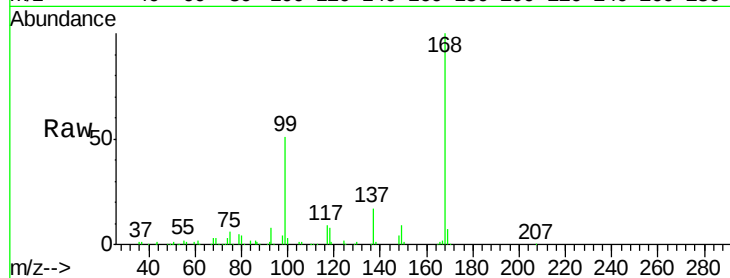
Z1-DUP-0568-200609

Tot Ion:168 Resp: 201961

Ion Ratio Lower Upper

168 100

99 50.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

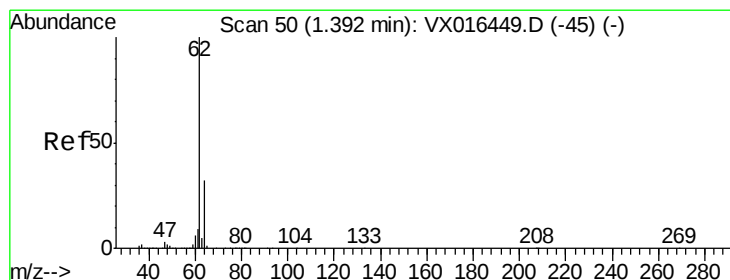
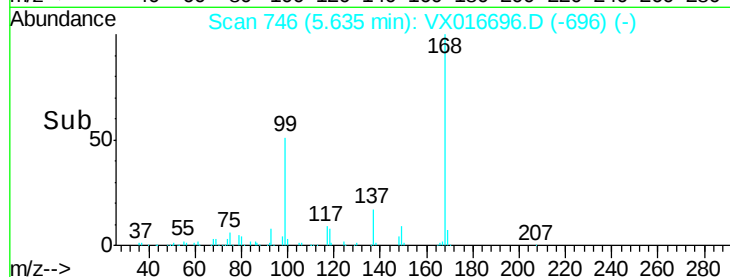
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 44.038 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016696.D

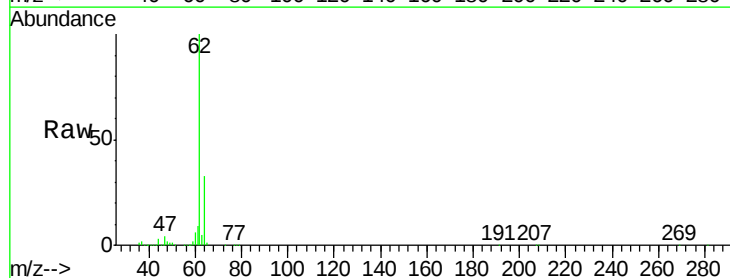
Acq: 11 Jun 2020 12:10

Tgt Ion: 62 Resp: 111858

Ion Ratio Lower Upper

62 100

64 32.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

120000

100000

80000

60000

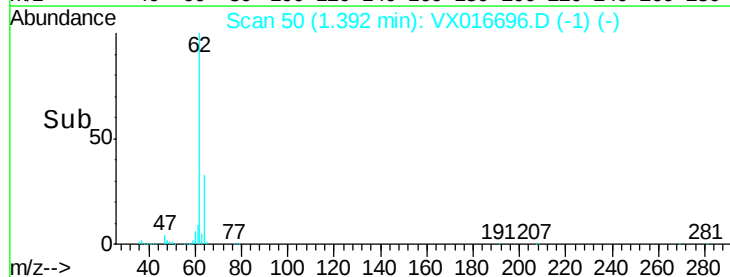
40000

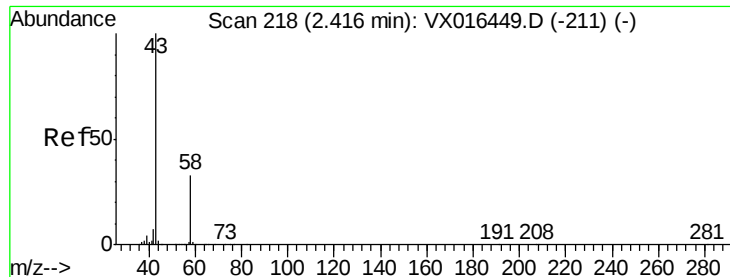
20000

0

Time-->

1.35 1.40 1.45 1.50





#16

Acetone

Concen: 2.247 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

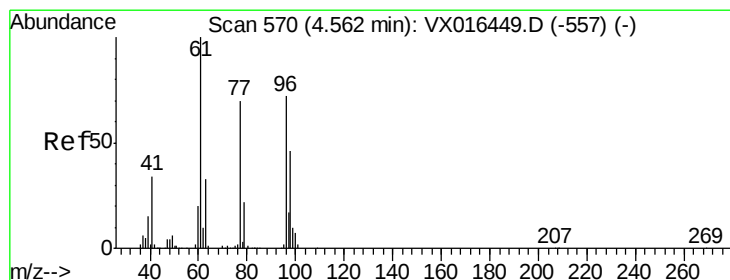
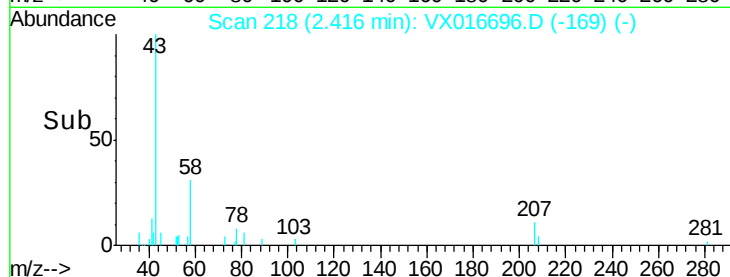
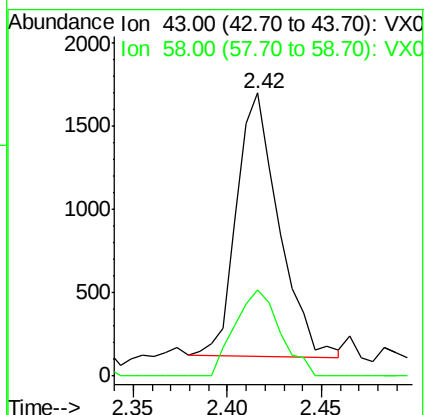
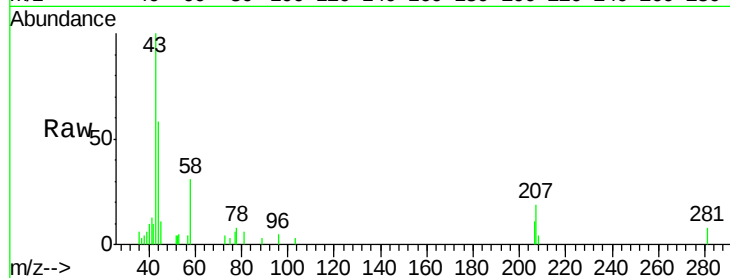
Z1-DUP-0568-200609

Tot Ion: 43 Resp: 2469

Ion Ratio Lower Upper

43 100

58 33.2 26.1 39.1



#27

cis-1,2-Dichloroethene

Concen: 28.789 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

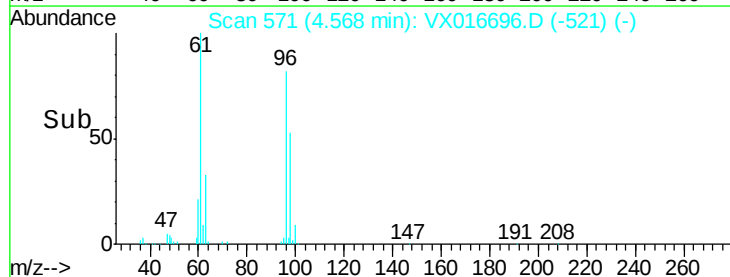
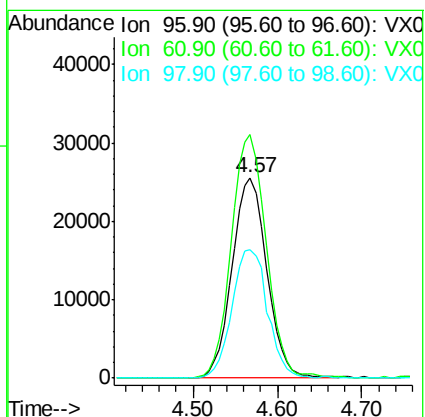
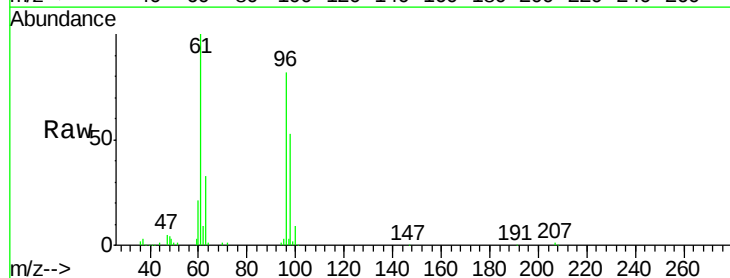
Tgt Ion: 96 Resp: 71590

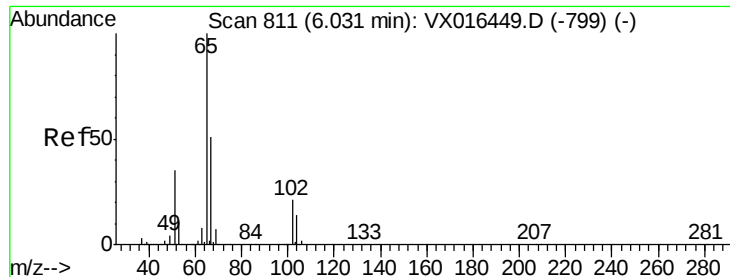
Ion Ratio Lower Upper

96 100

61 122.2 0.0 284.6

98 65.2 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 48.883 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

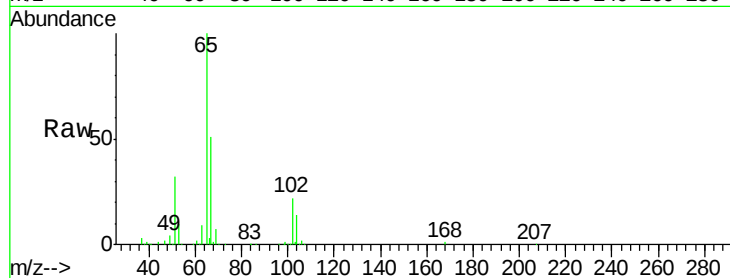
Z1-DUP-0568-200609

Tot Ion: 65 Resp: 122604

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

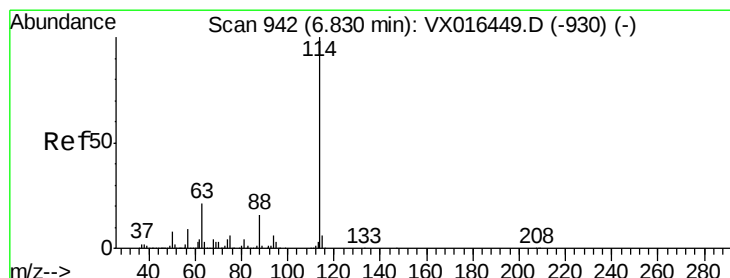
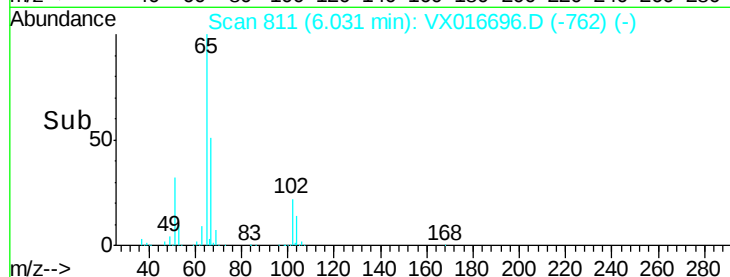
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

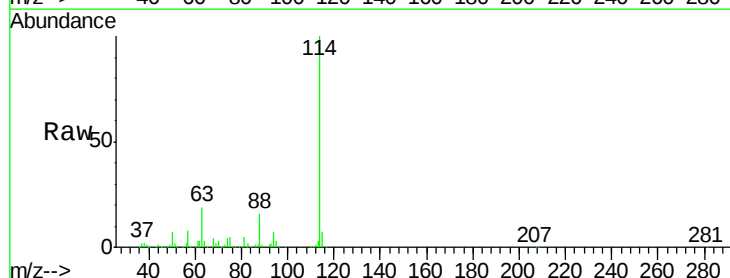
Tgt Ion: 114 Resp: 315161

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.7 0.0 32.8



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

6.84

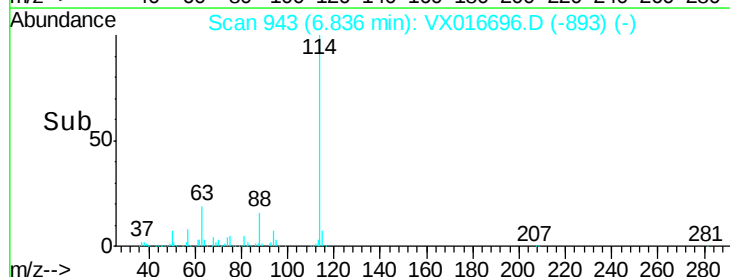
150000

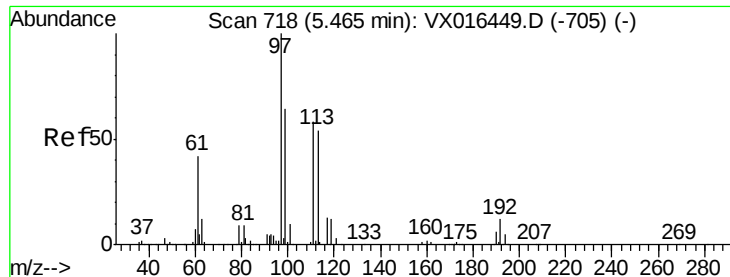
100000

50000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 51.099 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0568-200609

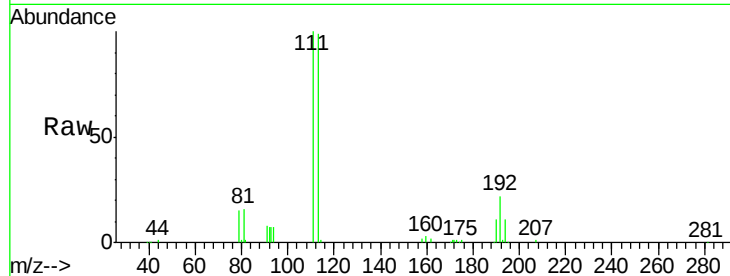
Tot Ion:113 Resp: 99163

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

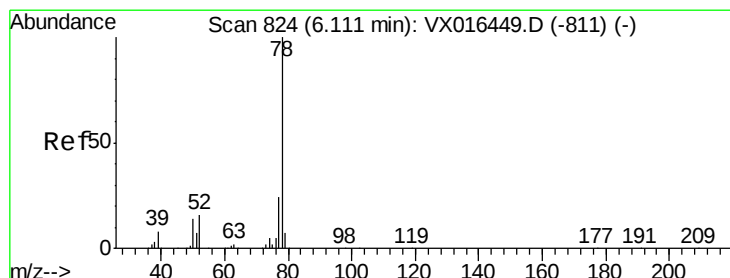
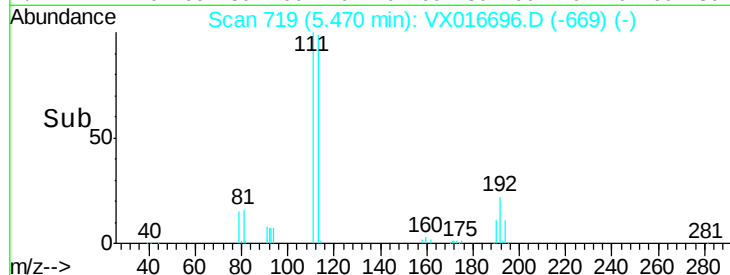
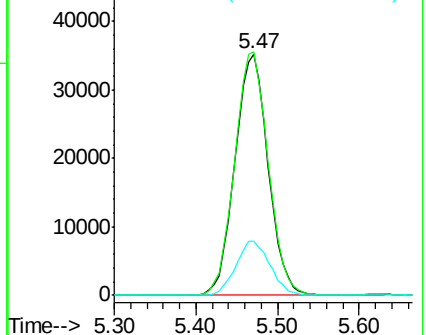
192 23.3 17.7 26.5



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



#40

Benzene

Concen: 0.308 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016696.D

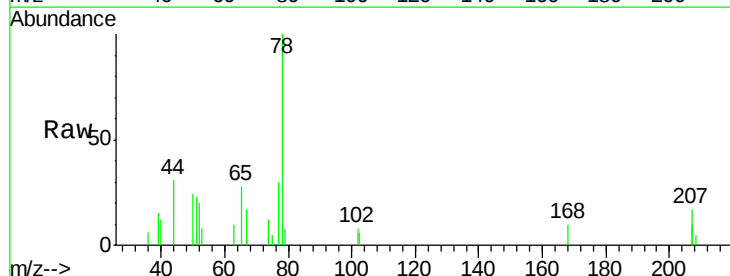
Acq: 11 Jun 2020 12:10

Tgt Ion: 78 Resp: 2736

Ion Ratio Lower Upper

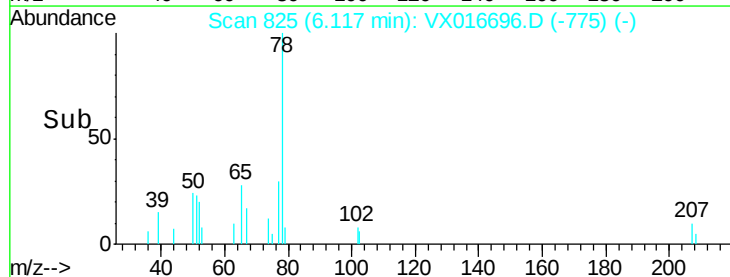
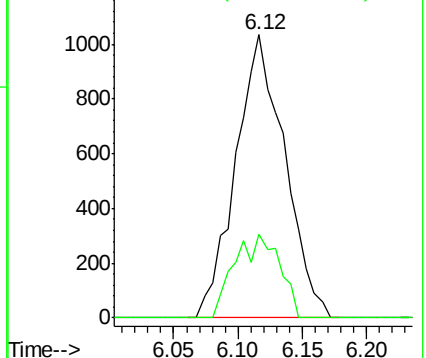
78 100

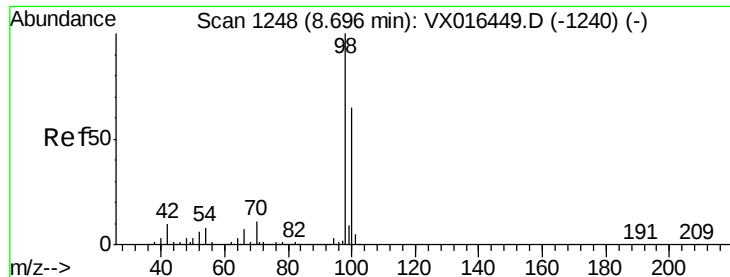
77 29.6 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.087 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

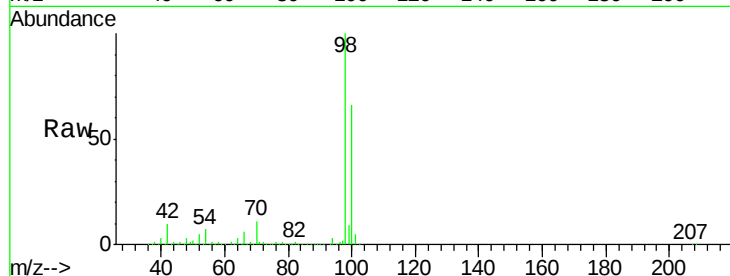
Z1-DUP-0568-200609

Tot Ion: 98 Resp: 385869

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

250000

200000

150000

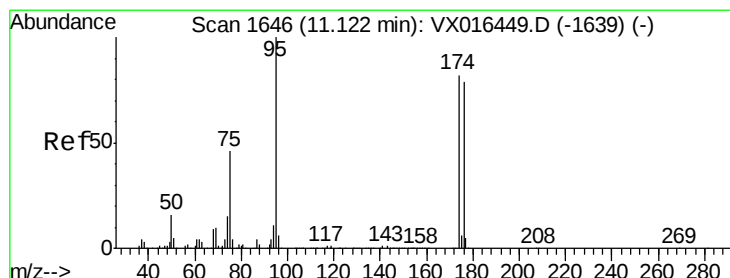
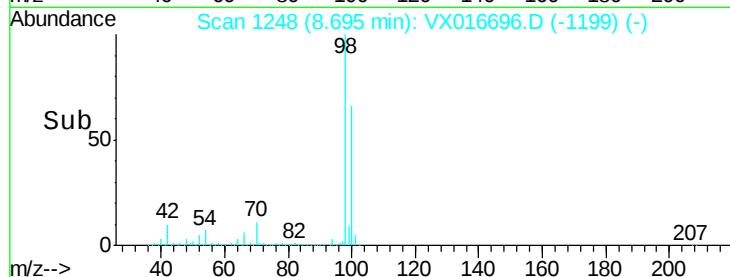
100000

50000

0

8.60 8.65 8.70 8.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.581 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016696.D

Acq: 11 Jun 2020 12:10

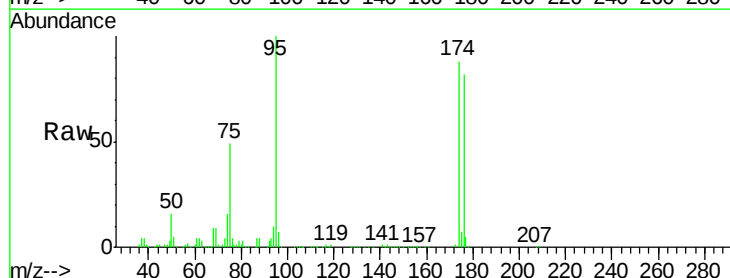
Tgt Ion: 95 Resp: 153459

Ion Ratio Lower Upper

95 100

174 87.6 0.0 163.0

176 83.5 0.0 156.8



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

150000

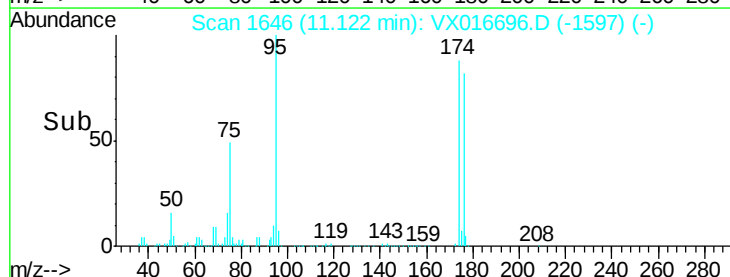
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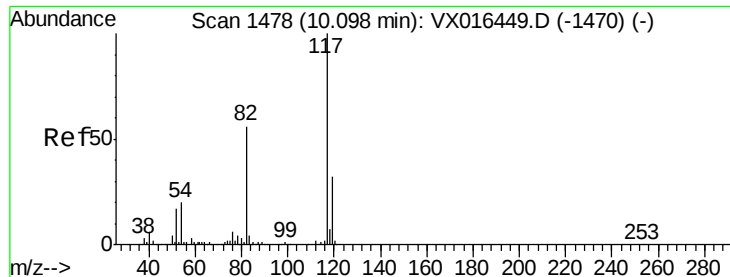
50000

0

11.10 11.12 11.20

Time-->

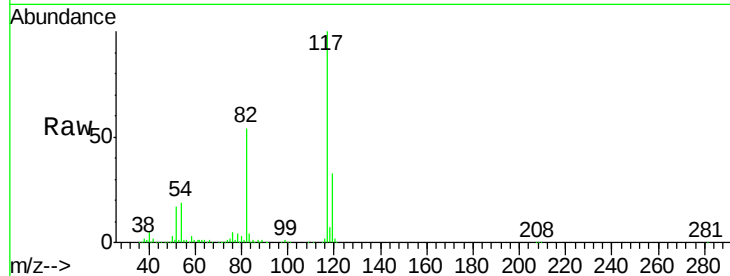




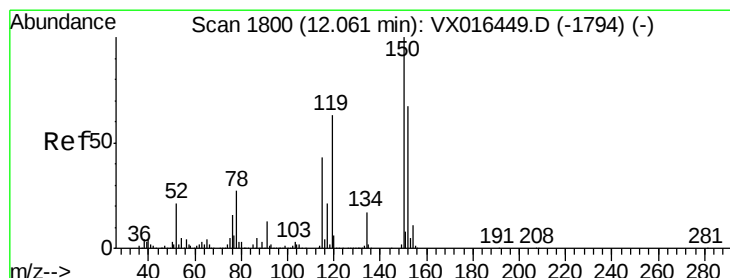
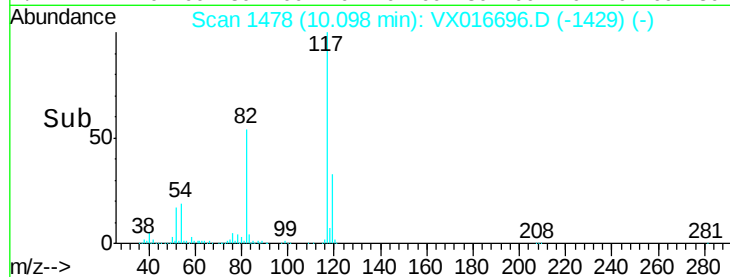
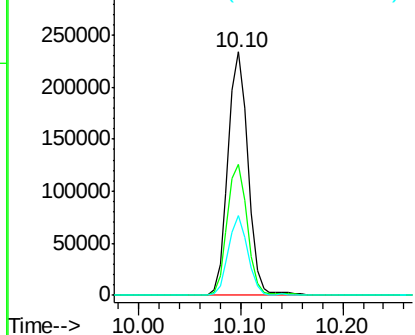
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016696.D
Acq: 11 Jun 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
Z1-DUP-0568-200609

Tot Ion:117 Resp: 318616
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 32.8 25.8 38.8

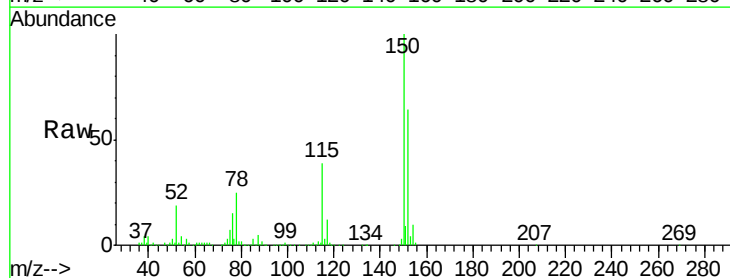


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016696.D
Acq: 11 Jun 2020 12:10

Tgt Ion:152 Resp: 158340
Ion Ratio Lower Upper
152 100
115 58.5 39.9 119.6
150 156.9 0.0 341.0



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

