

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017239.D
 Acq On : 08 Jul 2020 05:54
 Operator : JC/SP
 Sample : L3232-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1007-MW-11

Quant Time: Jul 08 07:12:13 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

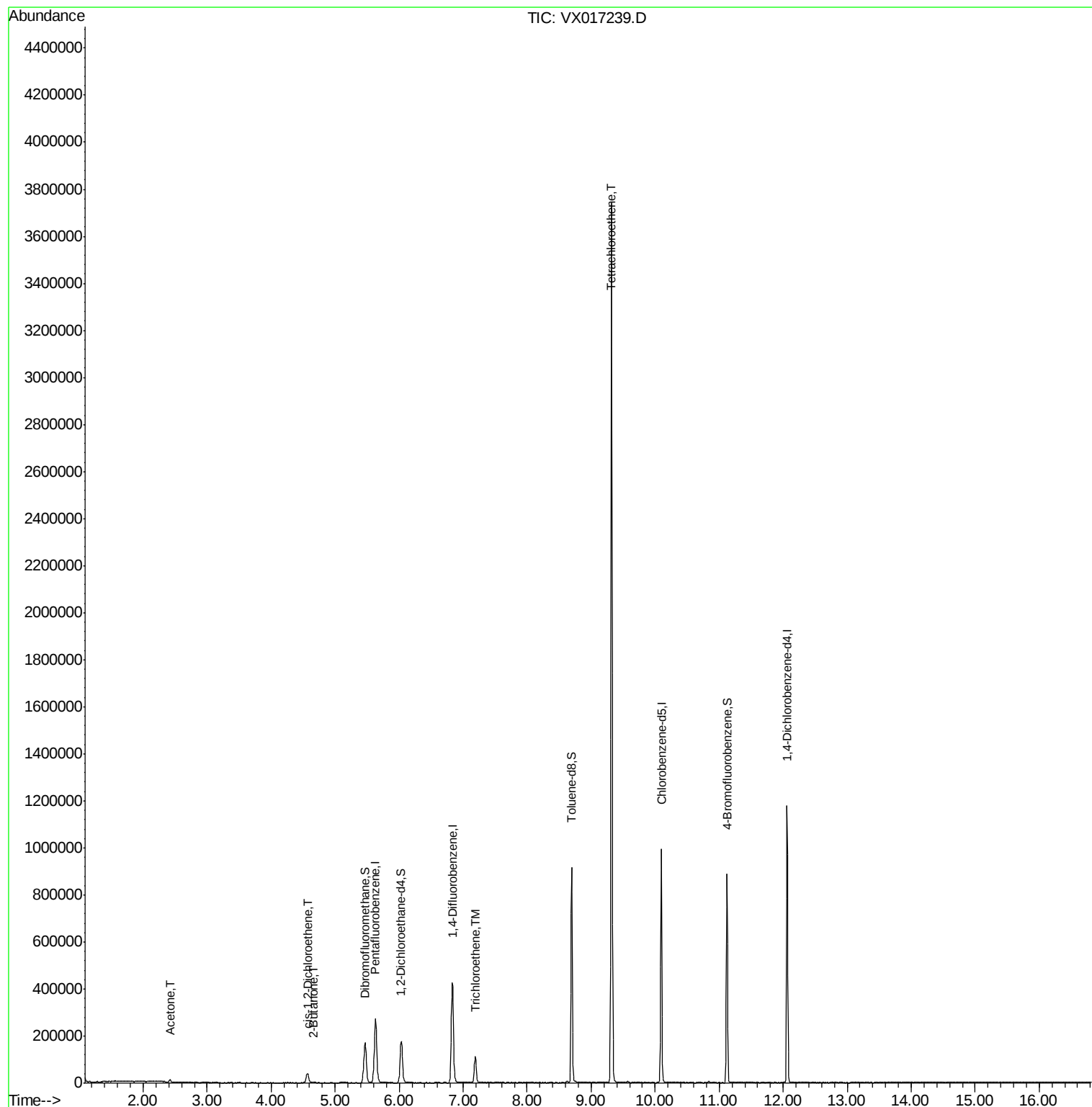
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	170176	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	5.47	113	148974	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	8.70	98	531621	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.12	95	218498	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
Target Compounds						
16) Acetone	2.42	43	12127	10.367	ug/l	100
25) 2-Butanone	4.66	43	4449	2.283	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	25440	8.062	ug/l	90
44) Trichloroethene	7.19	130	42530	12.678	ug/l	98
64) Tetrachloroethene	9.32	164	715311	195.342	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

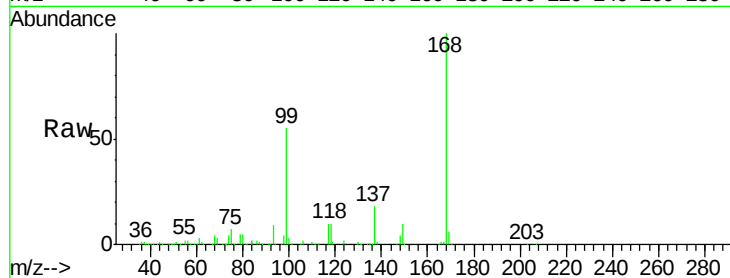
1007-MW-11

Tot Ion:168 Resp: 253652

Ion Ratio Lower Upper

168 100

99 54.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

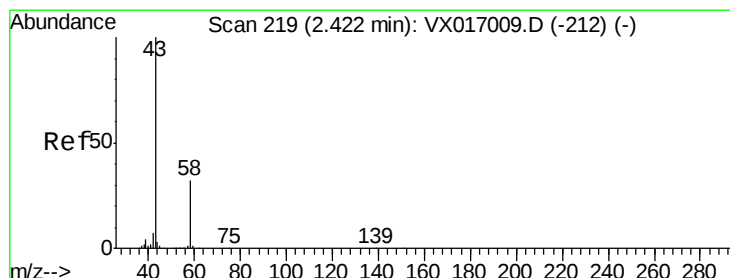
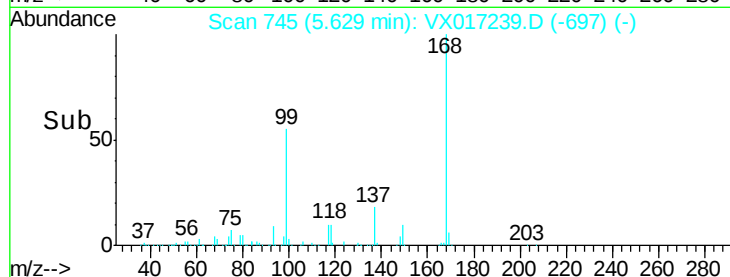
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.367 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017239.D

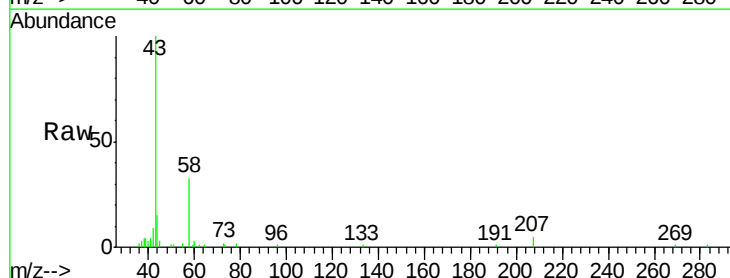
Acq: 08 Jul 2020 05:54

Tgt Ion: 43 Resp: 12127

Ion Ratio Lower Upper

43 100

58 32.0 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

8000

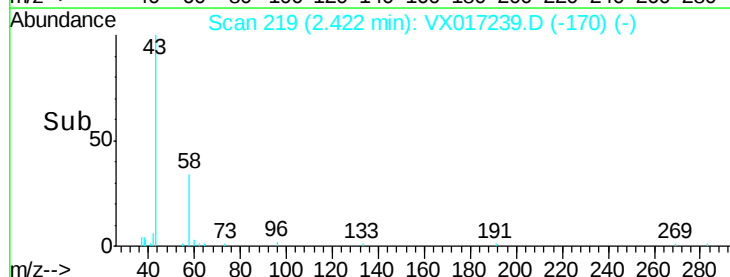
6000

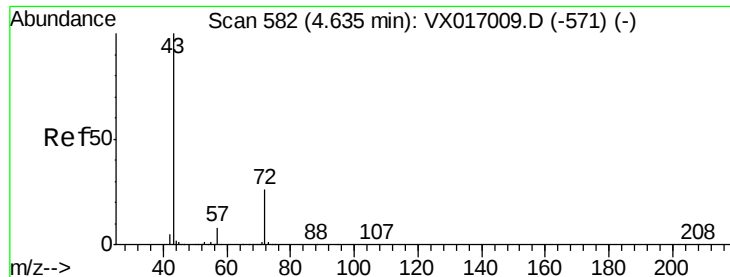
4000

2000

0

Time-->





#25

2-Butanone

Concen: 2.283 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

Instrument :

MSVOA_X

ClientSampled :

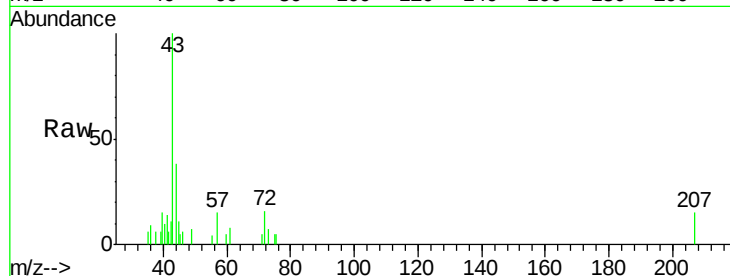
1007-MW-11

Tot Ion: 43 Resp: 4449

Ion Ratio Lower Upper

43 100

72 16.1 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

1500

1000

500

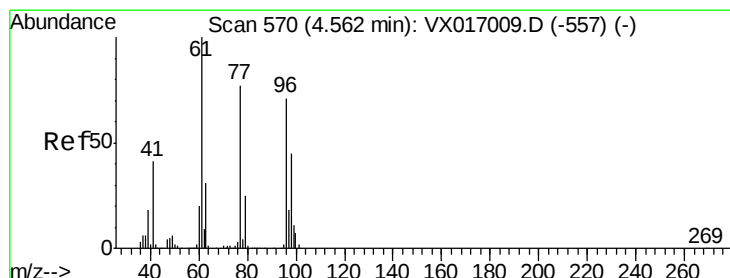
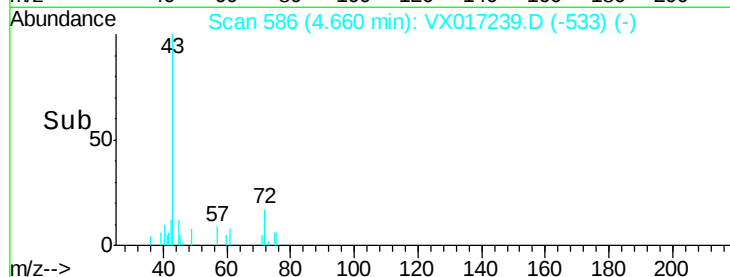
0

Time-->

4.60

4.70

4.80



#27

cis-1,2-Dichloroethene

Concen: 8.062 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

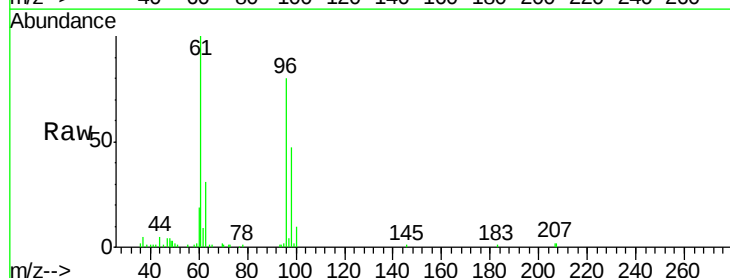
Tgt Ion: 96 Resp: 25440

Ion Ratio Lower Upper

96 100

61 125.3 0.0 282.8

98 65.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

15000

10000

5000

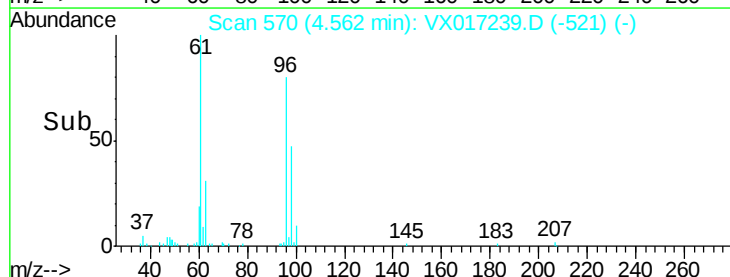
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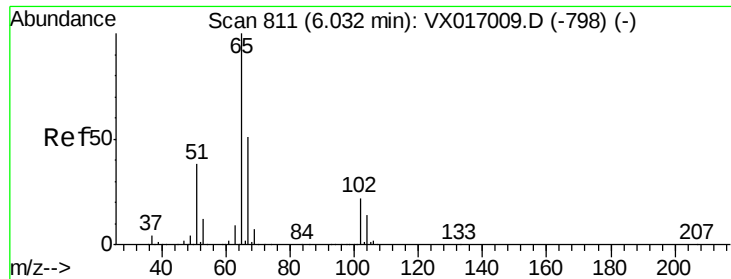
Time-->

4.50

4.60

4.70





#33

1,2-Dichloroethane-d4

Concen: 54.421 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

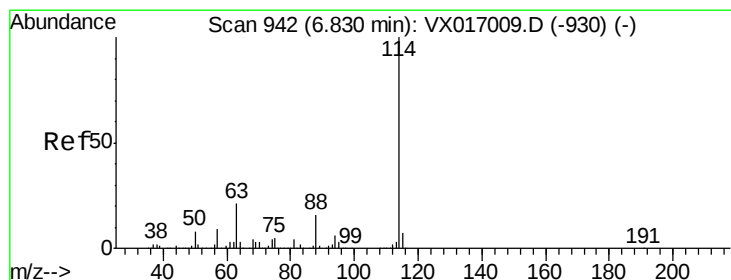
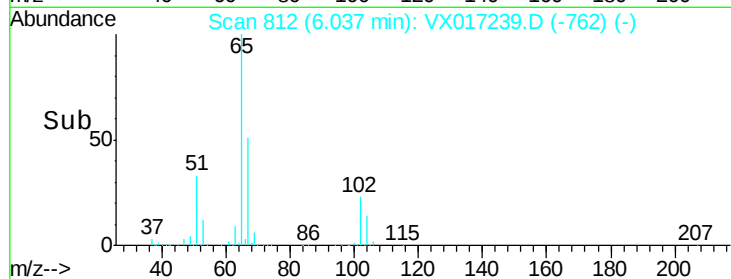
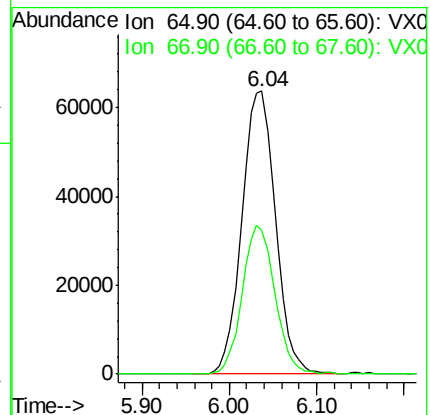
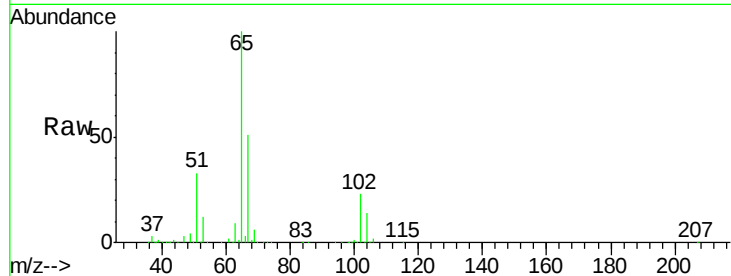
1007-MW-11

Tot Ion: 65 Resp: 170176

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

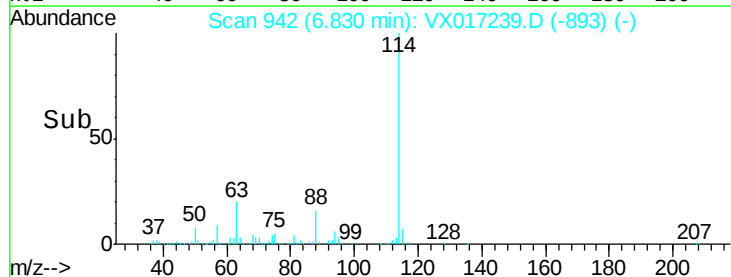
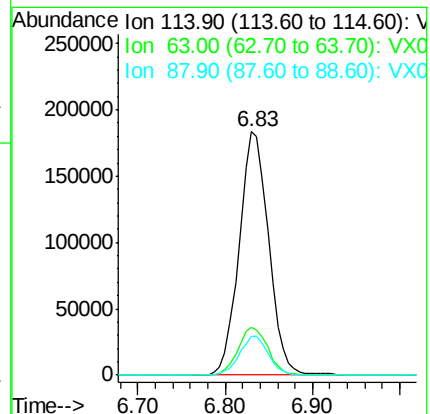
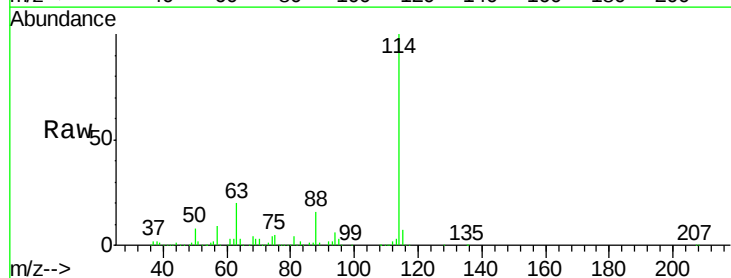
Tgt Ion: 114 Resp: 429943

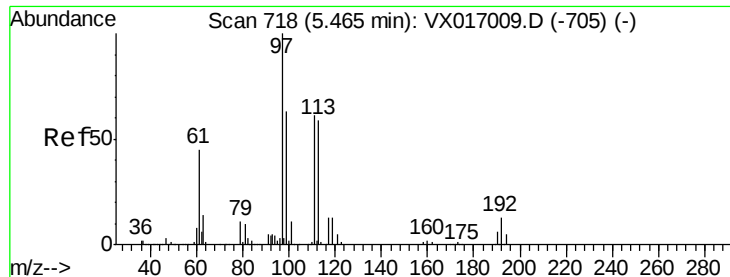
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.776 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

1007-MW-11

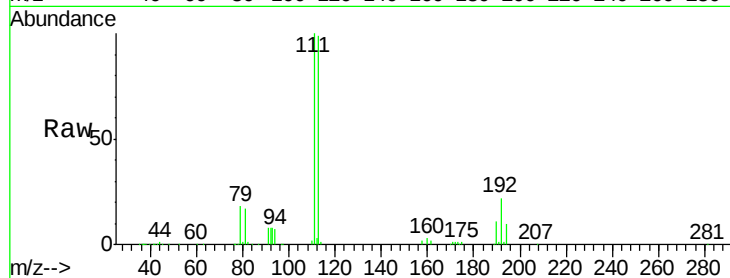
Tot Ion:113 Resp: 148974

Ion Ratio Lower Upper

113 100

111 100.7 81.9 122.9

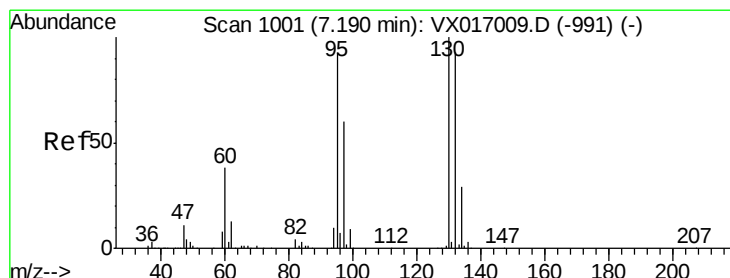
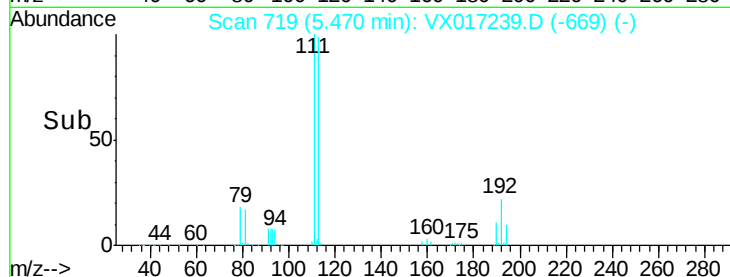
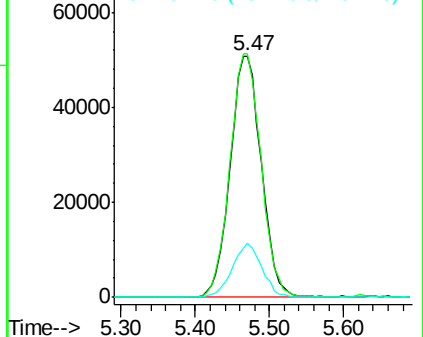
192 21.3 16.7 25.1



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



#44

Trichloroethene

Concen: 12.678 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017239.D

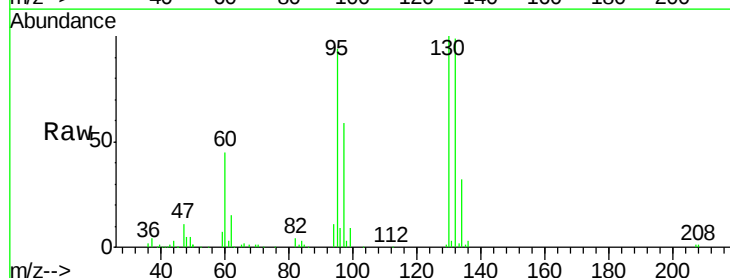
Acq: 08 Jul 2020 05:54

Tgt Ion:130 Resp: 42530

Ion Ratio Lower Upper

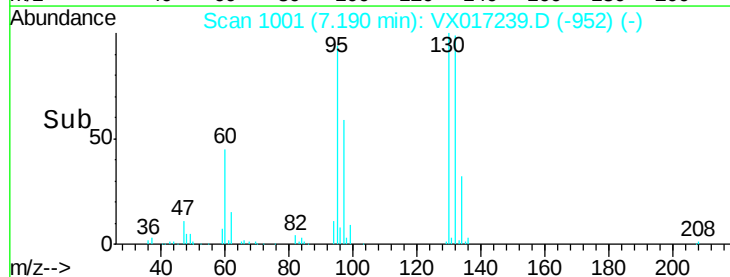
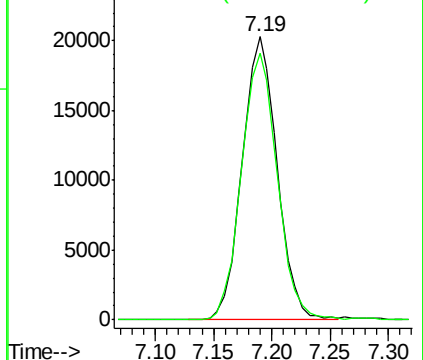
130 100

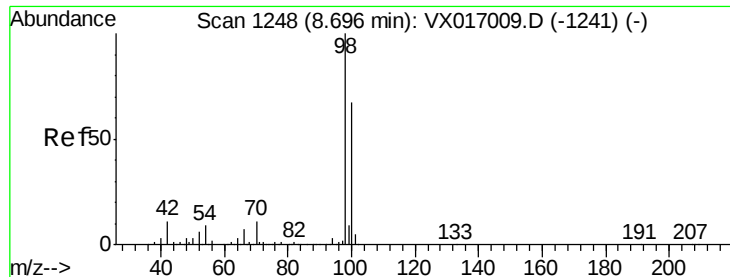
95 94.3 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.862 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

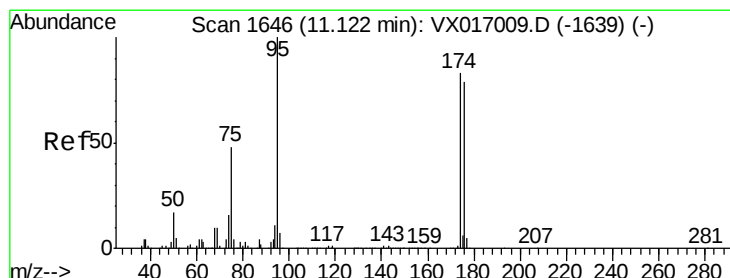
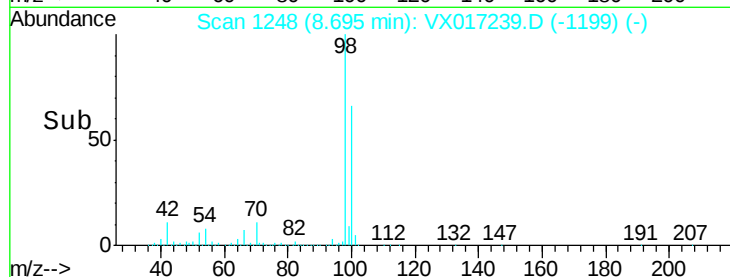
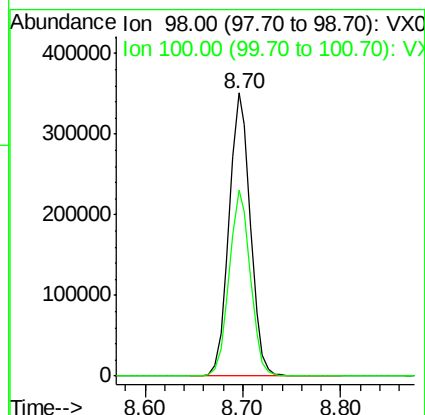
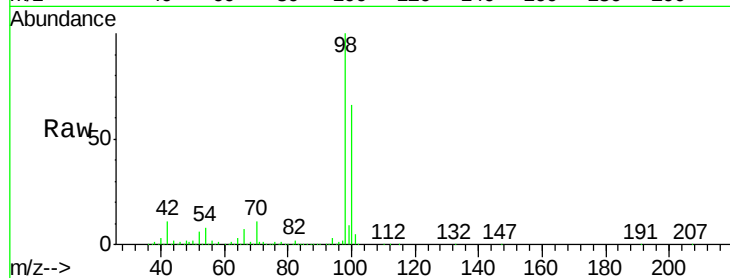
1007-MW-11

Tot Ion: 98 Resp: 531621

Ion Ratio Lower Upper

98 100

100 65.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.578 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

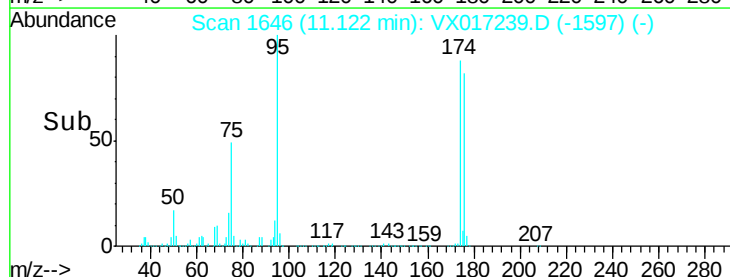
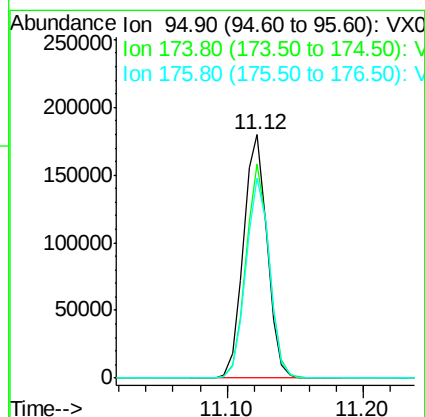
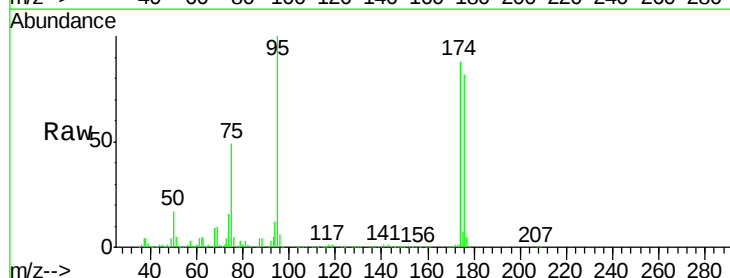
Tgt Ion: 95 Resp: 218498

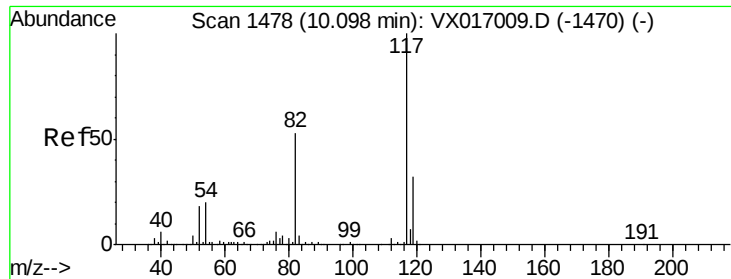
Ion Ratio Lower Upper

95 100

174 86.3 0.0 164.0

176 81.9 0.0 157.6

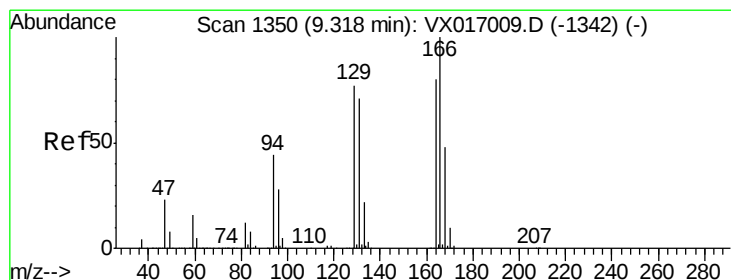
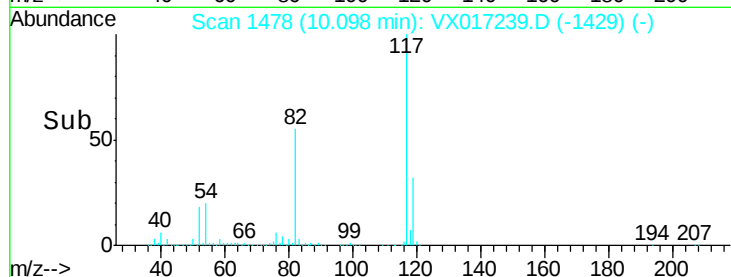
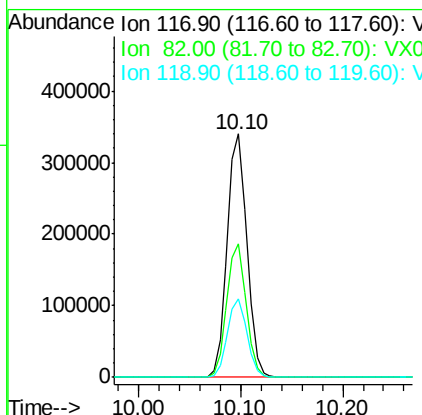
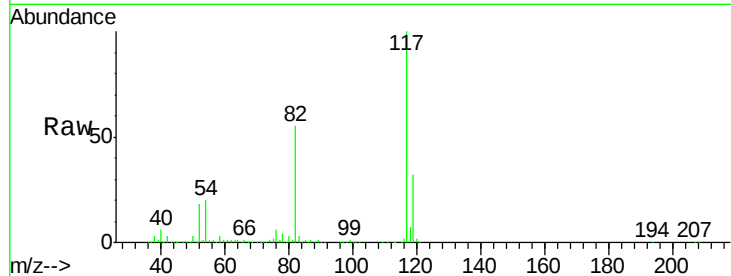




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017239.D
Acq: 08 Jul 2020 05:54

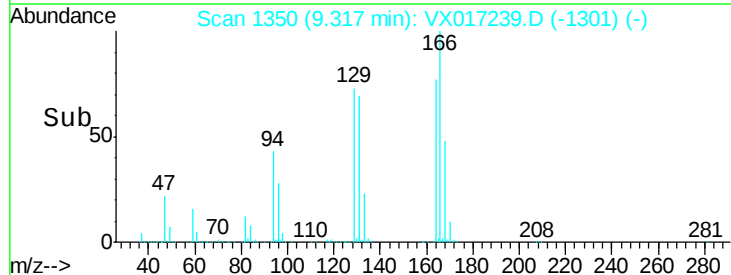
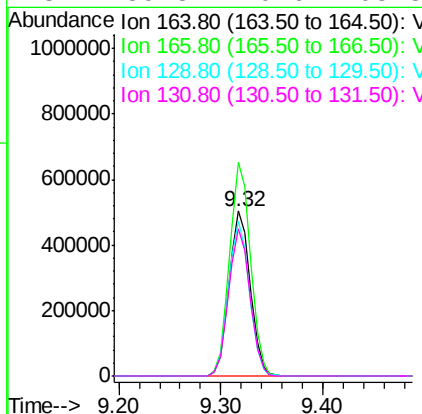
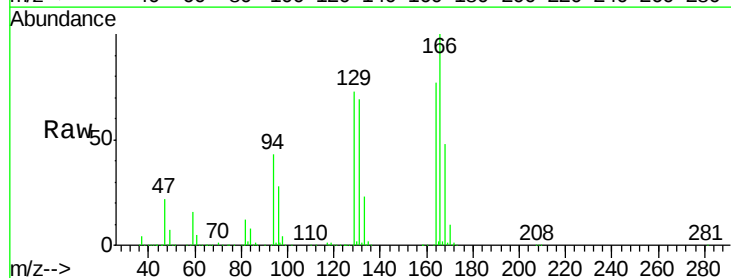
Instrument :
MSVOA_X
ClientSampleId :
1007-MW-11

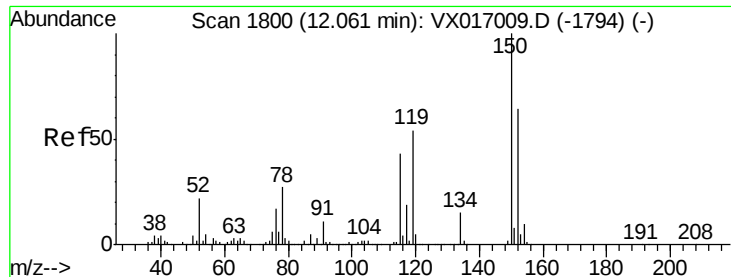
Tot Ion:117 Resp: 453724
Ion Ratio Lower Upper
117 100
82 54.7 42.6 63.8
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 195.342 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017239.D
Acq: 08 Jul 2020 05:54

Tgt Ion:164 Resp: 715311
Ion Ratio Lower Upper
164 100
166 129.7 99.4 149.0
129 94.5 76.3 114.5
131 89.8 70.6 105.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017239.D

Acq: 08 Jul 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

1007-MW-11

Tot Ion:152 Resp: 239306

Ion Ratio Lower Upper

152 100

115 58.4 40.9 122.7

150 156.1 0.0 351.6

