

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017207.D
 Acq On : 07 Jul 2020 16:38
 Operator : JC/SP
 Sample : L3159-05DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20200629

Quant Time: Jul 08 06:08:01 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

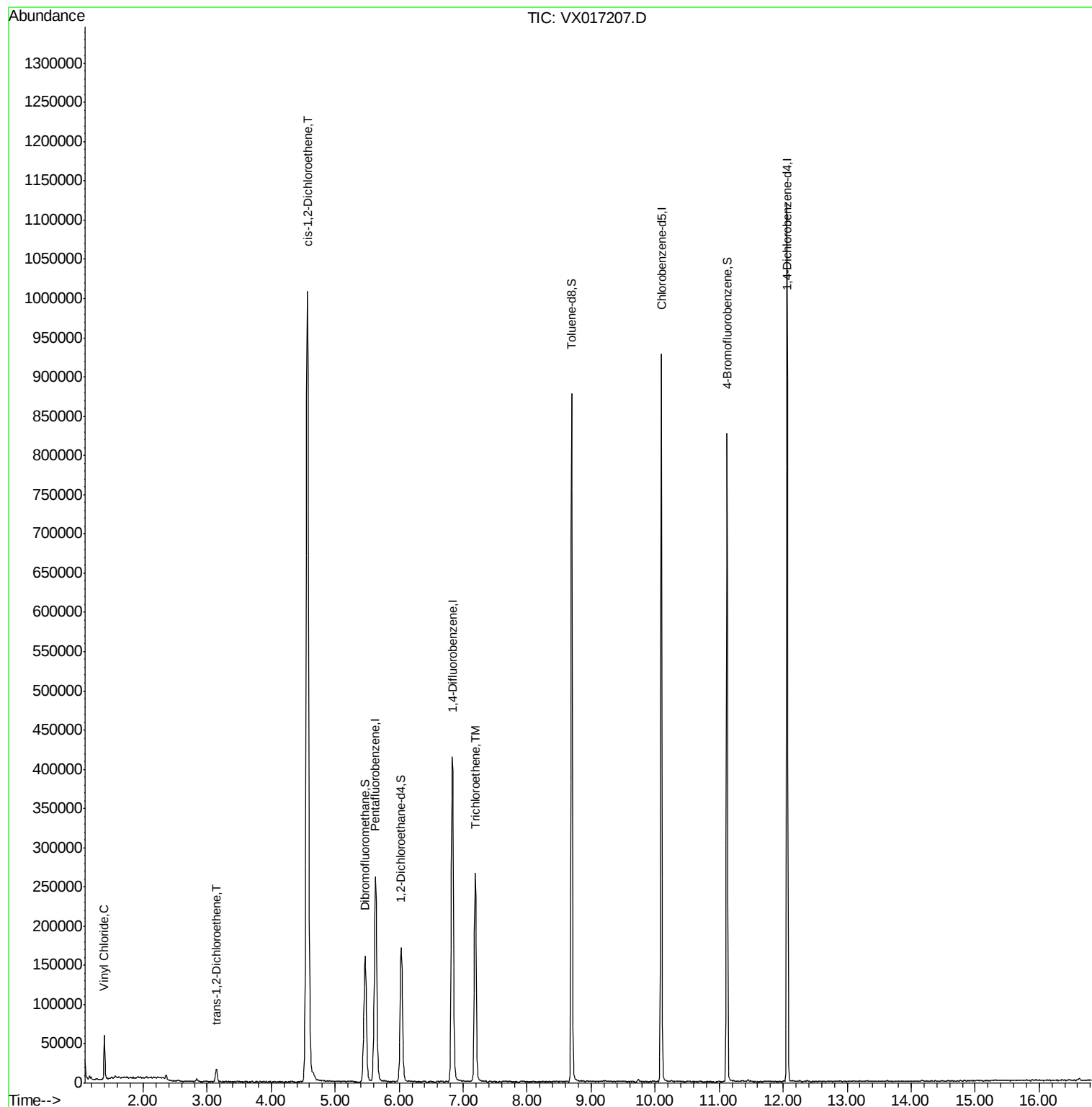
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	253985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163746	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	5.47	113	140348	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	8.70	98	507020	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	204956	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
Target Compounds						
4) Vinyl Chloride	1.39	62	33842	12.264	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	6930	2.485	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	659076	208.591	ug/l	90
44) Trichloroethene	7.19	130	104109	32.160	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017207.D

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Instrument :

MSVOA_X

ClientSampleId :

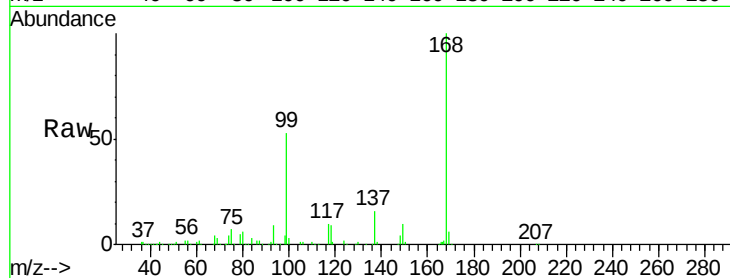
07BR-20200629

Tot Ion:168 Resp: 253985

Ion Ratio Lower Upper

168 100

99 53.2 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

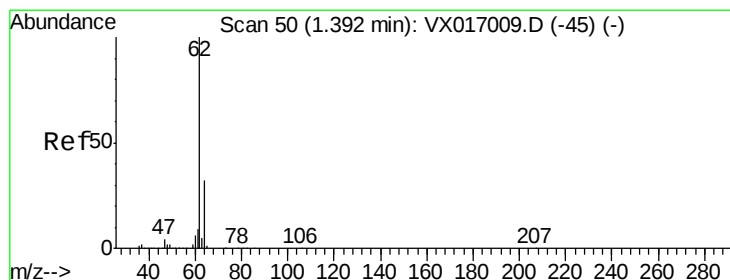
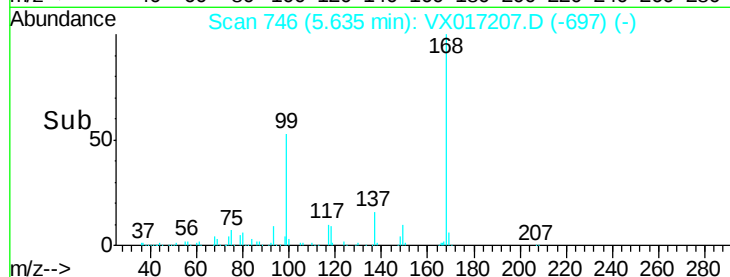
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 12.264 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017207.D

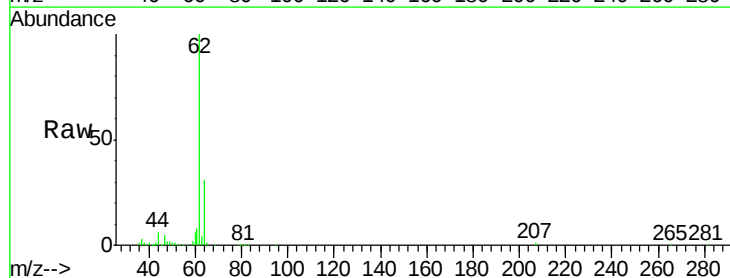
Acq: 07 Jul 2020 16:38

Tgt Ion: 62 Resp: 33842

Ion Ratio Lower Upper

62 100

64 31.4 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

40000

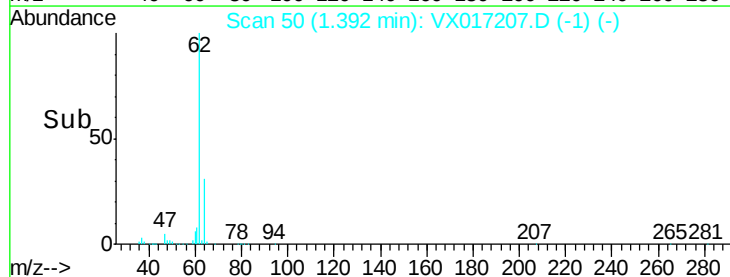
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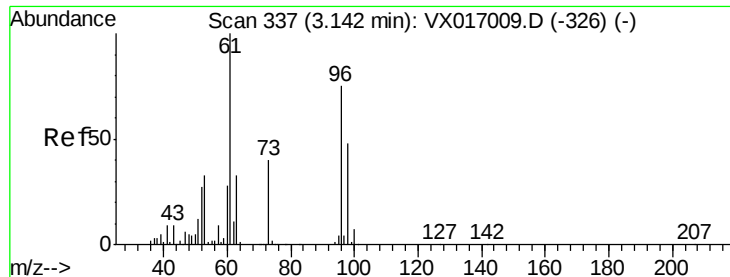
20000

10000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 2.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017207.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

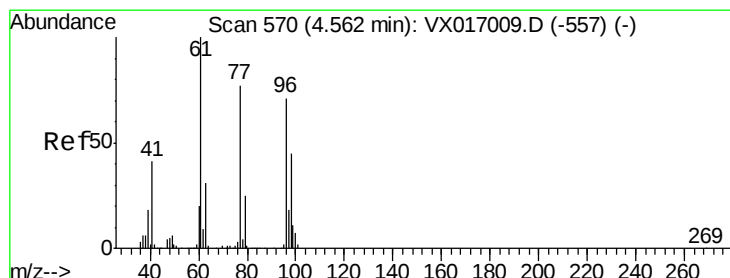
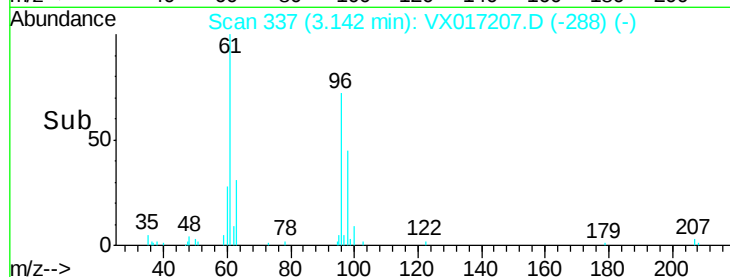
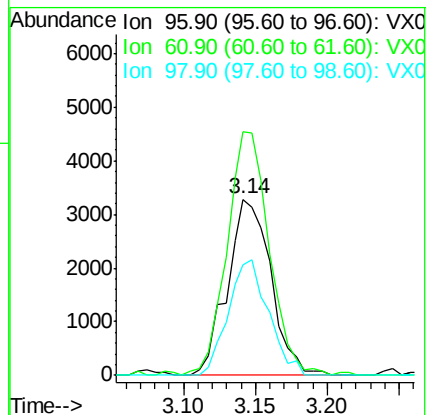
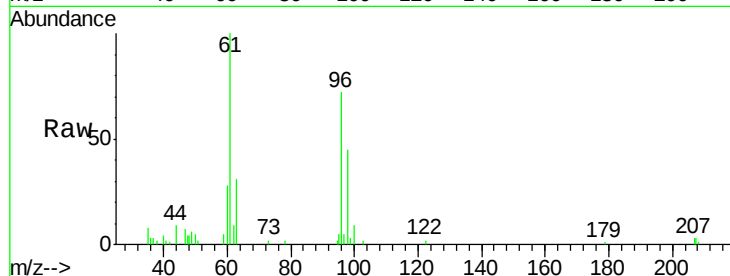
Tot Ion: 96 Resp: 6930

Ion Ratio Lower Upper

96 100

61 136.8 107.0 160.6

98 62.5 51.6 77.4



#27

cis-1,2-Dichloroethene

Concen: 208.591 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017207.D

Acq: 07 Jul 2020 16:38

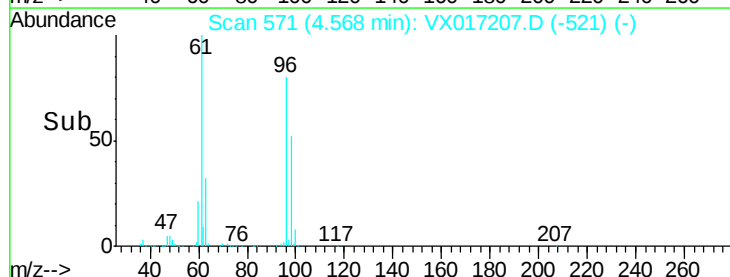
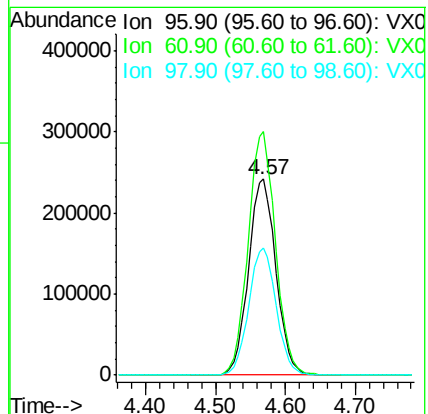
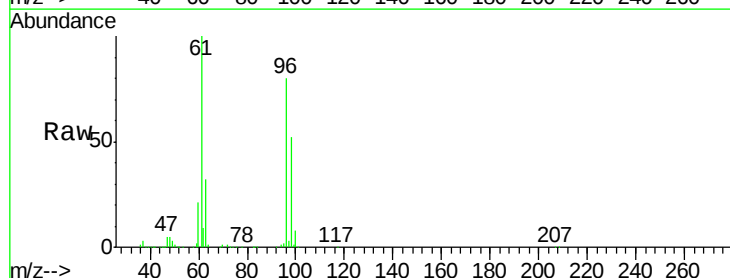
Tgt Ion: 96 Resp: 659076

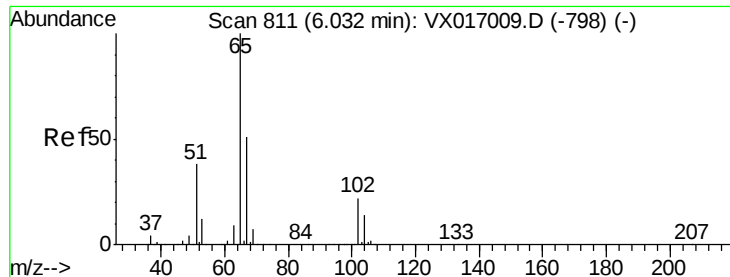
Ion Ratio Lower Upper

96 100

61 123.7 0.0 282.8

98 65.0 0.0 127.6

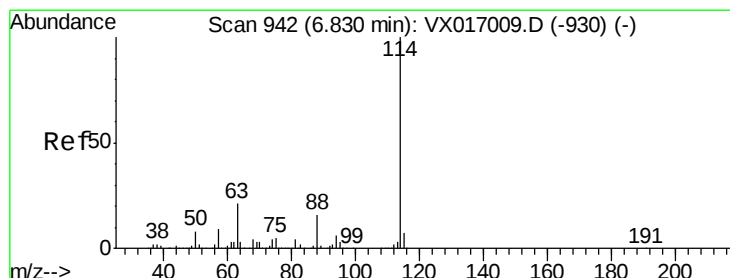
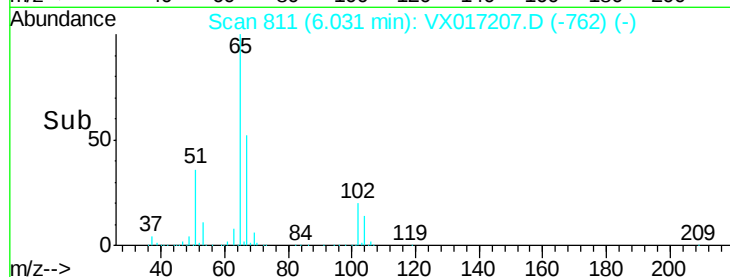
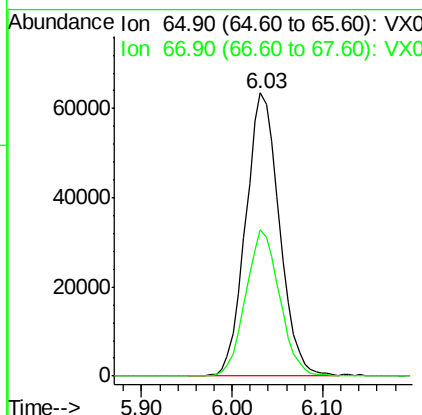
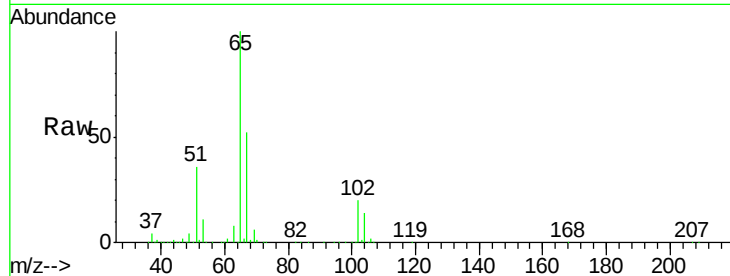




#33
 1,2-Dichloroethane-d4
 Concen: 52.296 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017207.D
 Acq: 07 Jul 2020 16:38

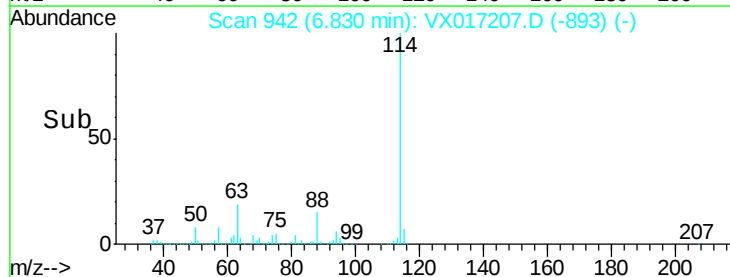
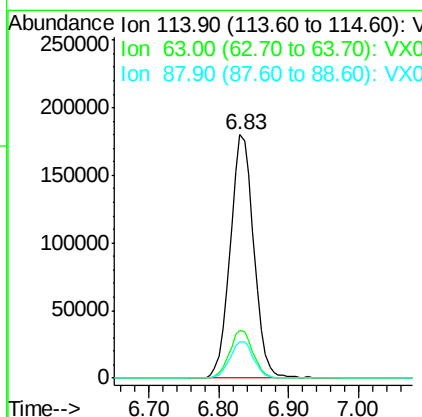
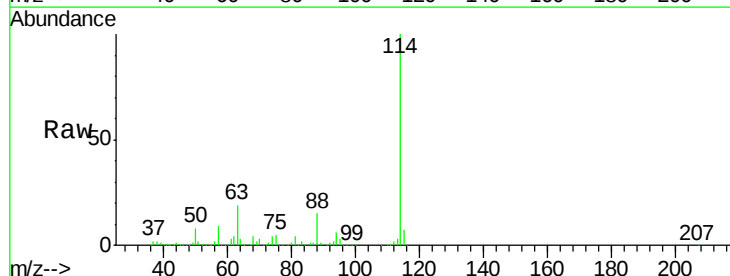
Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20200629

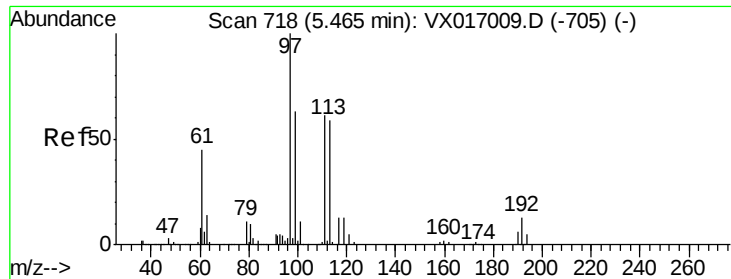
Tot Ion: 65 Resp: 163746
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017207.D
 Acq: 07 Jul 2020 16:38

Tgt Ion: 114 Resp: 421002
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.700 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017207.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

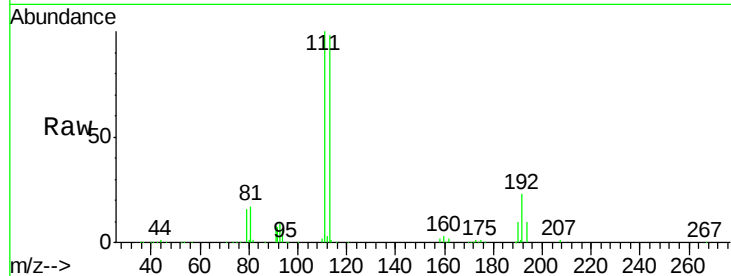
Tot Ion:113 Resp: 140348

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

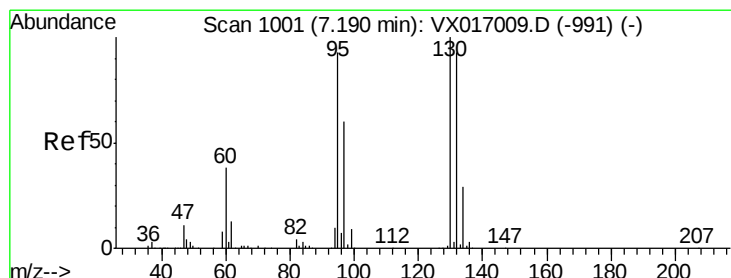
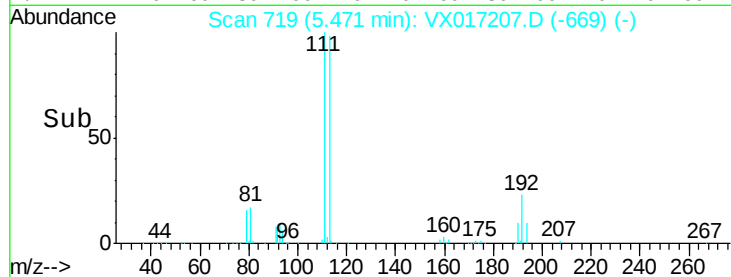
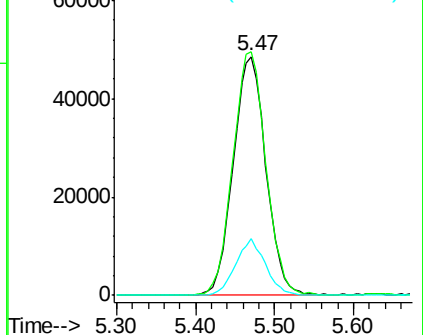
192 21.6 16.7 25.1



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: 32.160 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017207.D

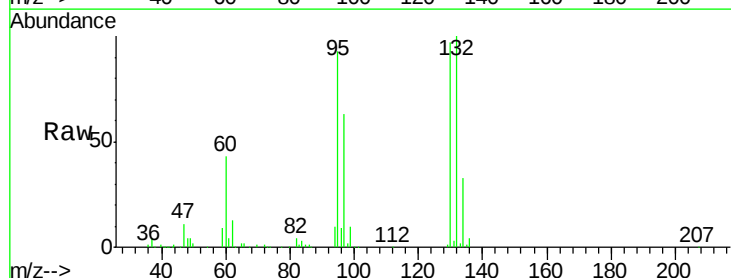
Acq: 07 Jul 2020 16:38

Tgt Ion:130 Resp: 104109

Ion Ratio Lower Upper

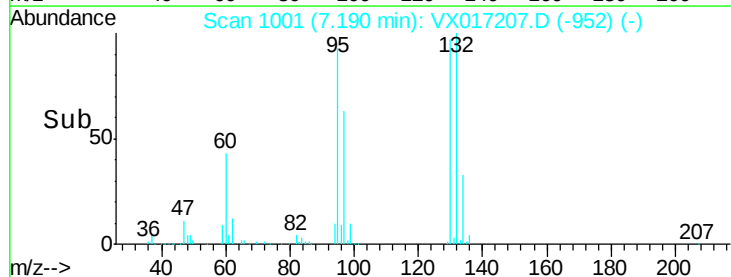
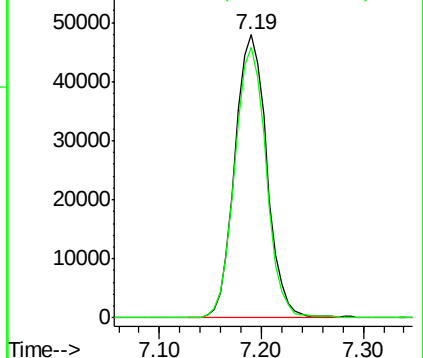
130 100

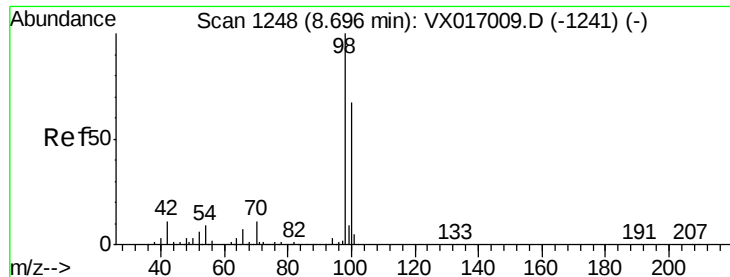
95 95.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.486 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017207.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

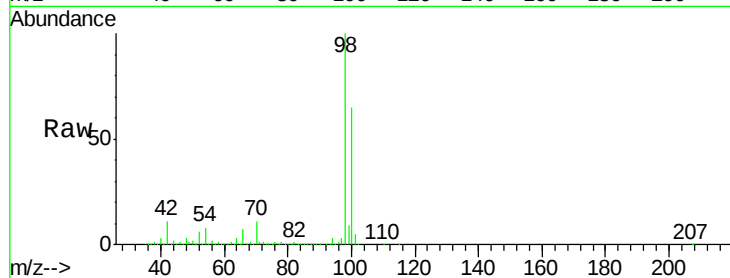
07BR-20200629

Tot Ion: 98 Resp: 507020

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

300000

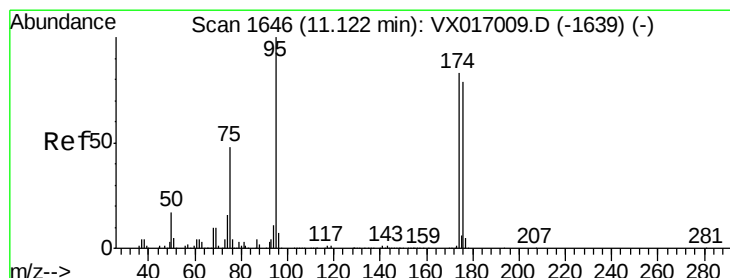
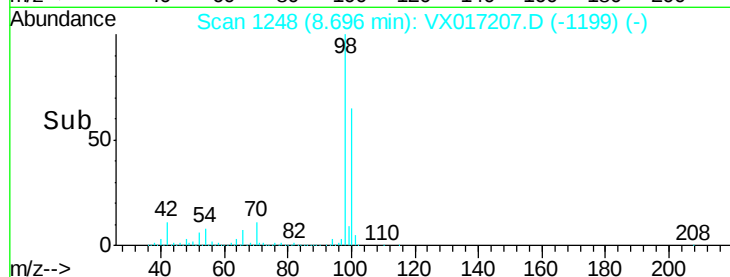
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 53.241 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017207.D

Acq: 07 Jul 2020 16:38

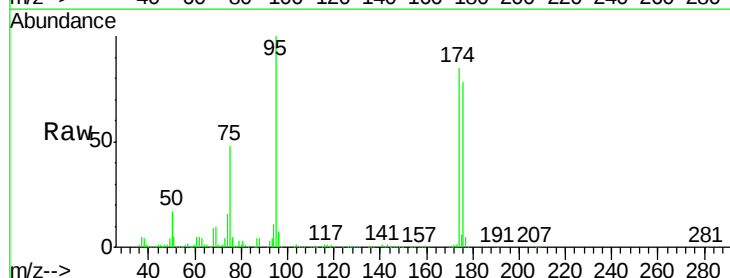
Tgt Ion: 95 Resp: 204956

Ion Ratio Lower Upper

95 100

174 86.3 0.0 164.0

176 80.7 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

11.12

200000

150000

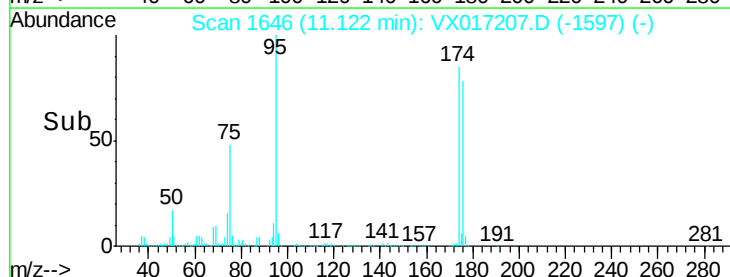
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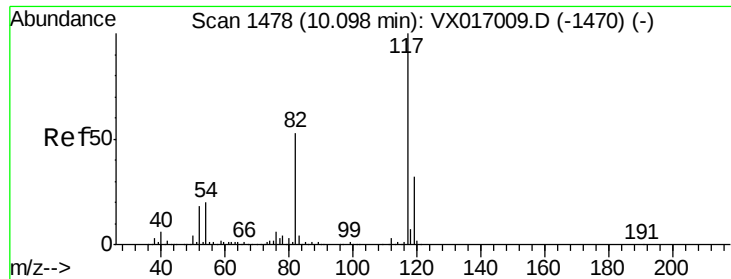
50000

0

Time-->

11.05 11.10 11.15 11.20

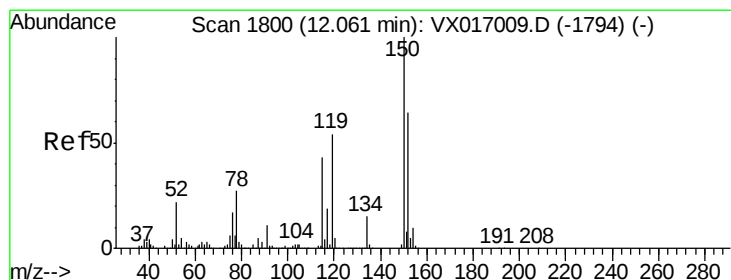
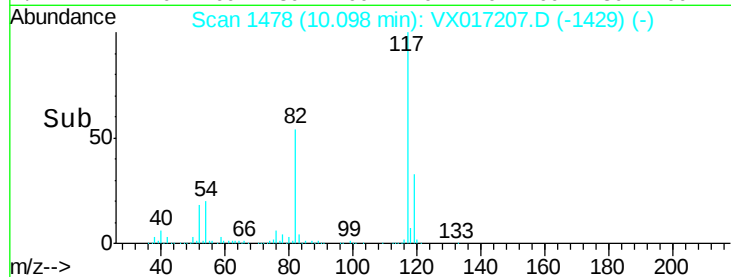
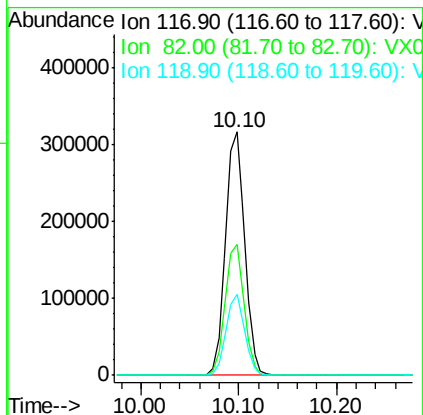
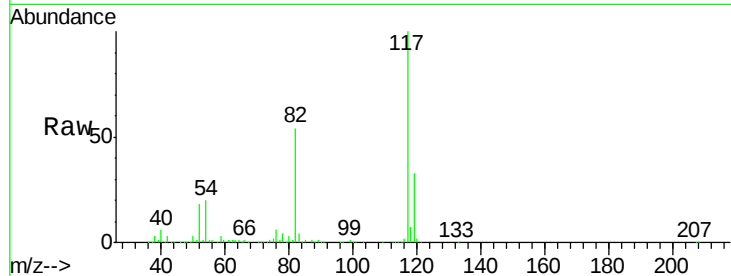




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017207.D
Acq: 07 Jul 2020 16:38

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tot Ion:117 Resp: 430708
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 33.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017207.D
Acq: 07 Jul 2020 16:38

Tgt Ion:152 Resp: 230899
Ion Ratio Lower Upper
152 100
115 57.0 40.9 122.7
150 155.6 0.0 351.6

