

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017201.D
 Acq On : 07 Jul 2020 14:21
 Operator : JC/SP
 Sample : L3159-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31S-20200629

Quant Time: Jul 08 02:12:51 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

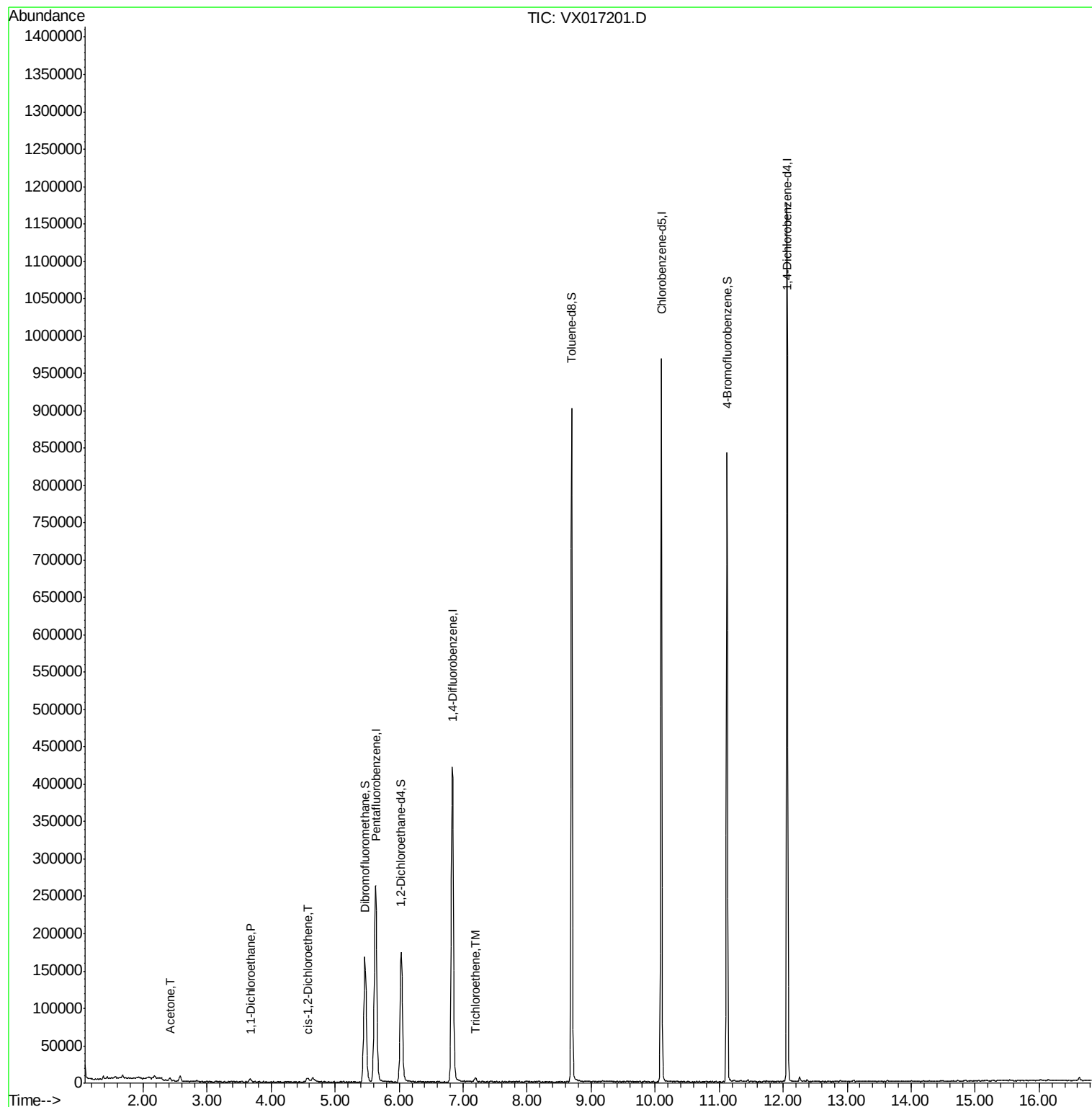
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165801	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	5.46	113	144297	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	8.70	98	523525	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.12	95	214137	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
Target Compounds						
16) Acetone	2.42	43	3985	3.369	ug/l	99
24) 1,1-Dichloroethane	3.67	63	4003	0.811	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	3177	0.996	ug/l	88
44) Trichloroethene	7.20	130	1926	0.275	ug/l	90

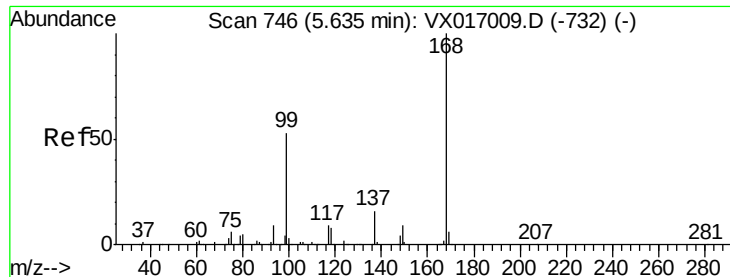
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX017201.D

Acq: 07 Jul 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

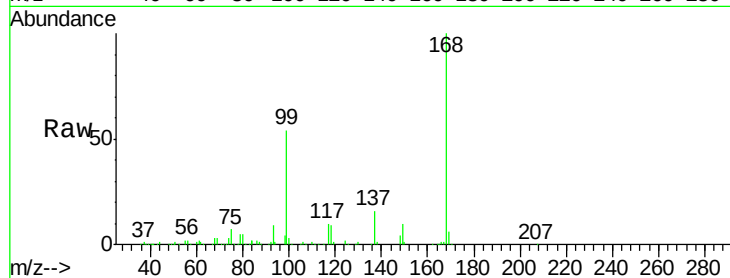
31S-20200629

Tot Ion:168 Resp: 256458

Ion Ratio Lower Upper

168 100

99 53.9 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

100000

80000

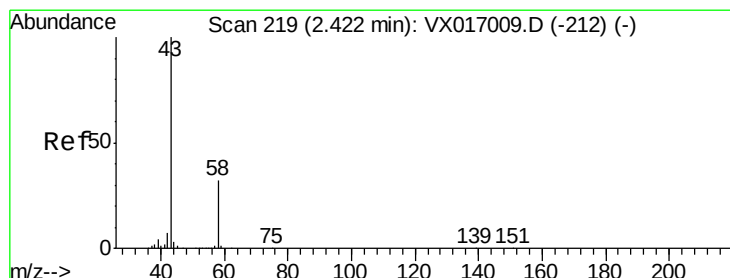
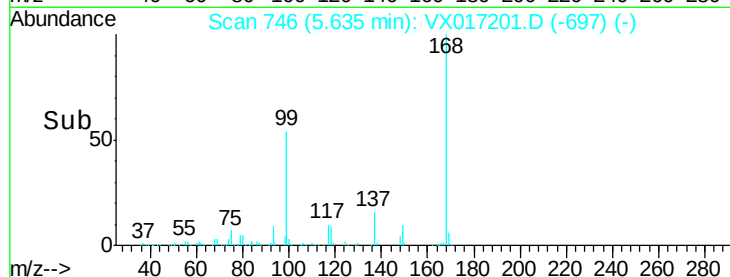
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.369 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017201.D

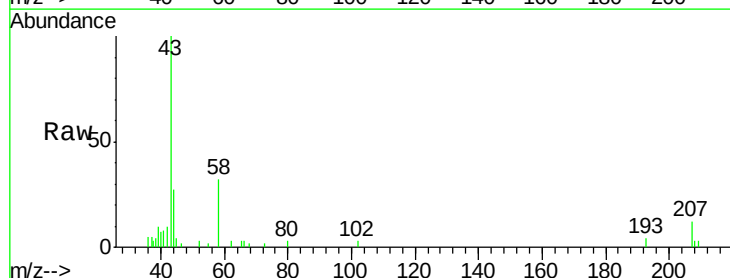
Acq: 07 Jul 2020 14:21

Tgt Ion: 43 Resp: 3985

Ion Ratio Lower Upper

43 100

58 32.9 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

3000

2500

2000

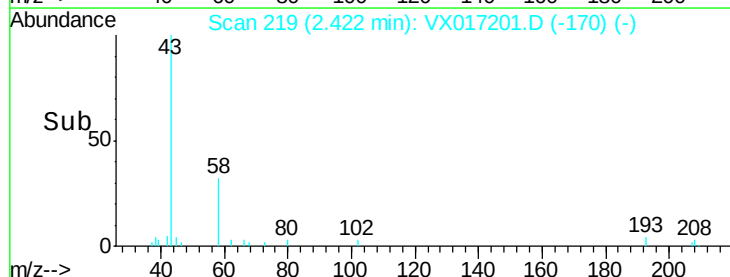
1500

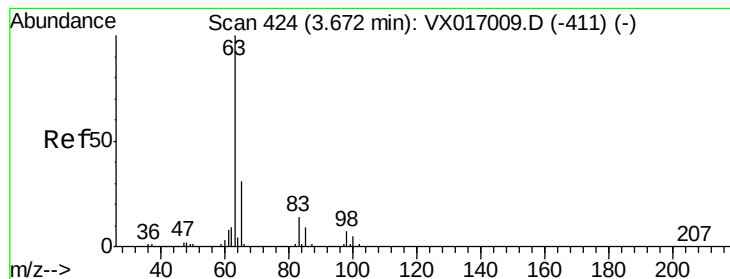
1000

500

0

Time-->





#24

1,1-Dichloroethane

Concen: 0.811 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017201.D

Acq: 07 Jul 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

31S-20200629

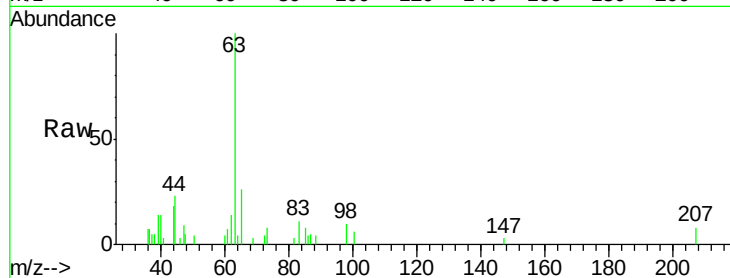
Tot Ion: 63 Resp: 4003

Ion Ratio Lower Upper

63 100

98 10.3 3.6 10.8

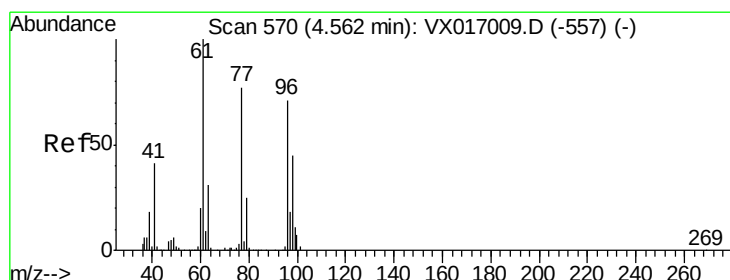
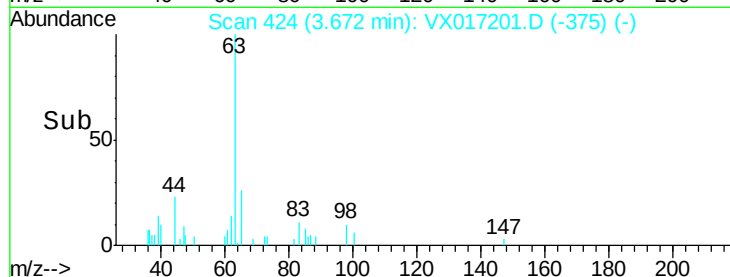
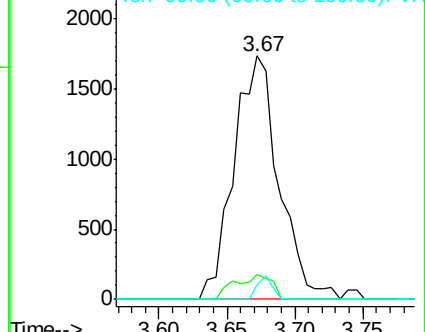
100 5.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.996 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017201.D

Acq: 07 Jul 2020 14:21

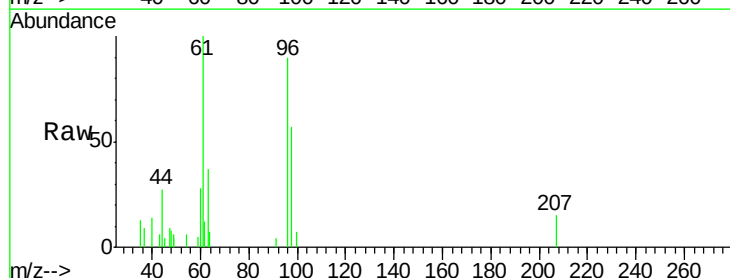
Tgt Ion: 96 Resp: 3177

Ion Ratio Lower Upper

96 100

61 123.7 0.0 282.8

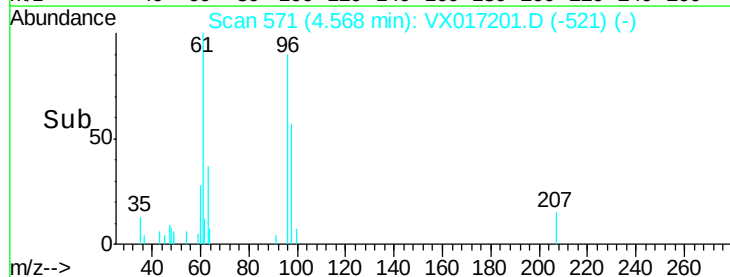
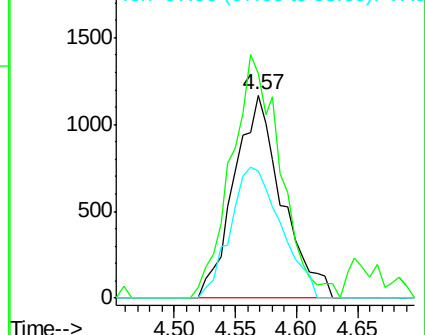
98 68.2 0.0 127.6

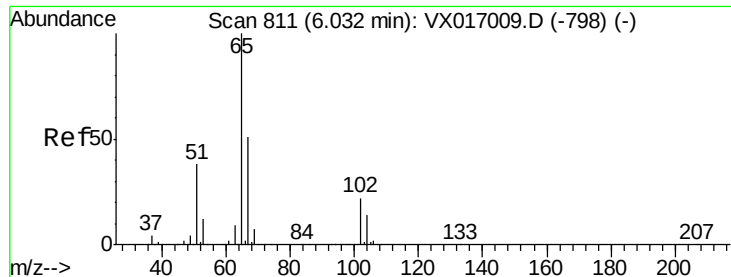


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

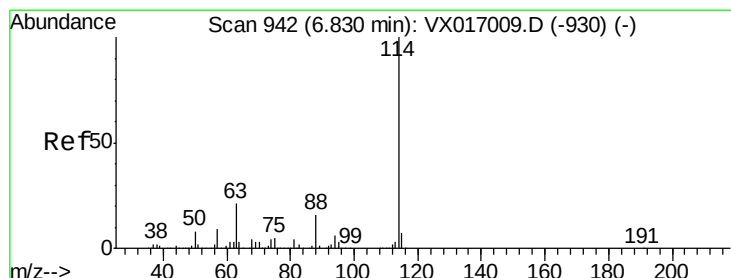
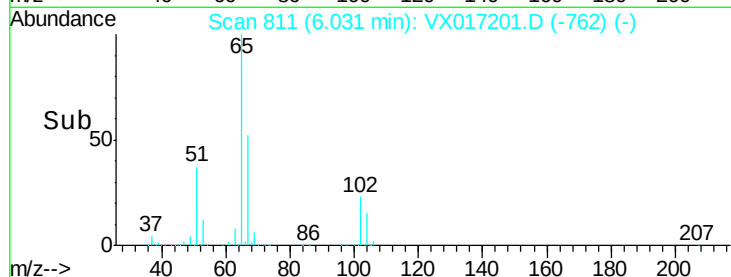
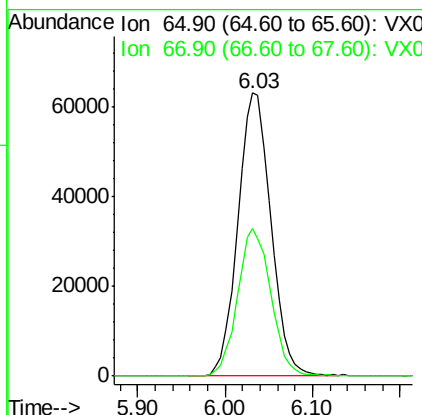
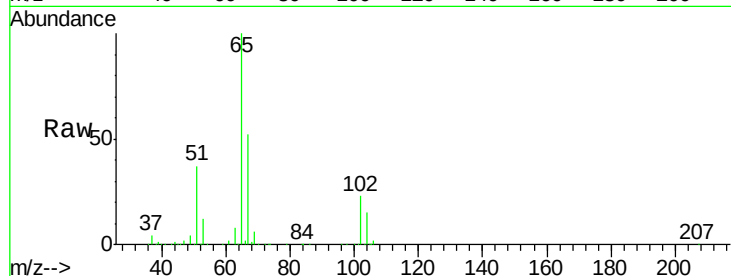




#33
 1,2-Dichloroethane-d4
 Concen: 52.442 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017201.D
 Acq: 07 Jul 2020 14:21

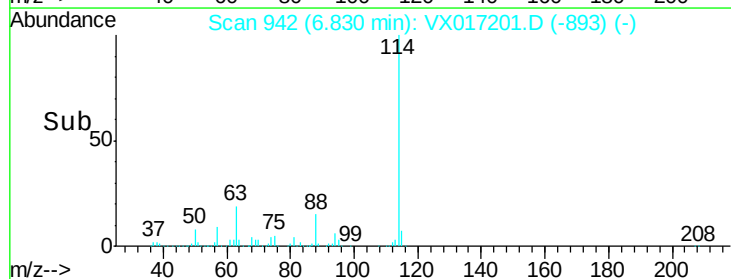
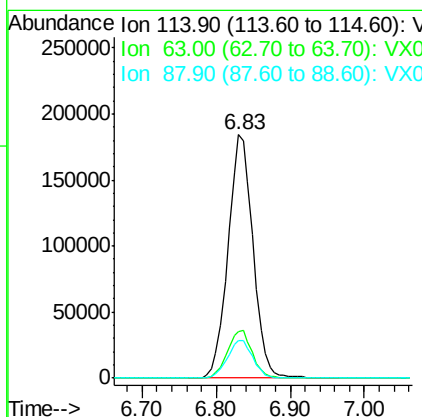
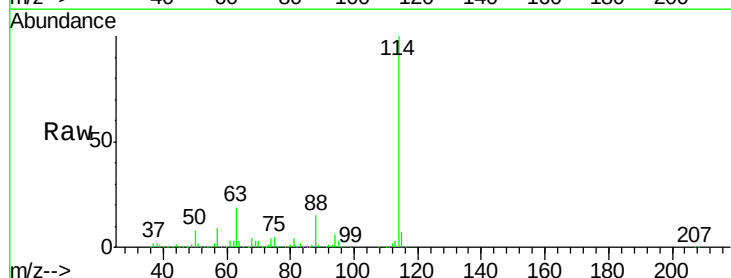
Instrument :
 MSVOA_X
 ClientSampleId :
 31S-20200629

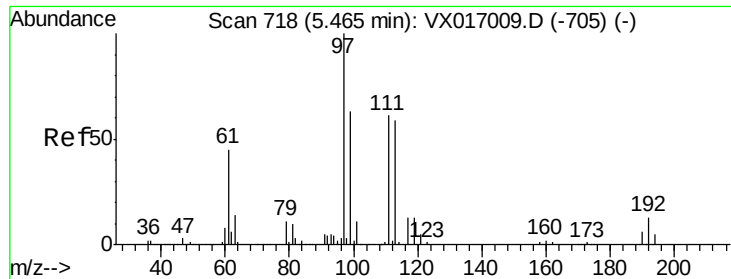
Tot Ion: 65 Resp: 165801
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017201.D
 Acq: 07 Jul 2020 14:21

Tgt Ion: 114 Resp: 431445
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.872 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017201.D

Acq: 07 Jul 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

31S-20200629

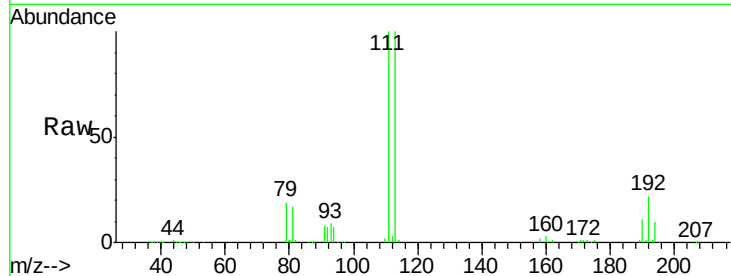
Tot Ion:113 Resp: 144297

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

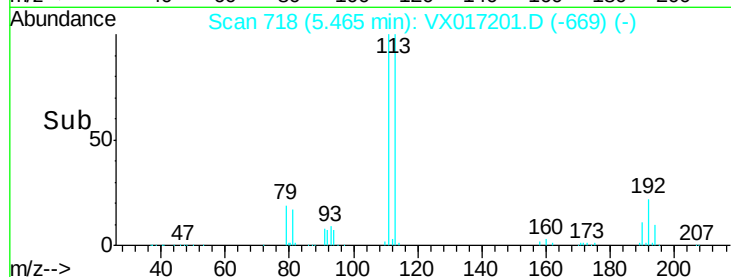
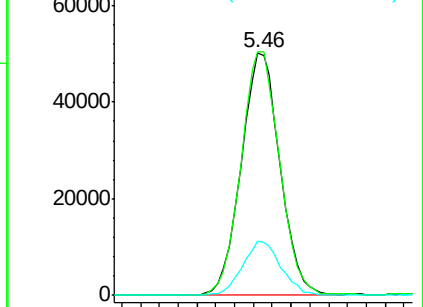
192 22.1 16.7 25.1



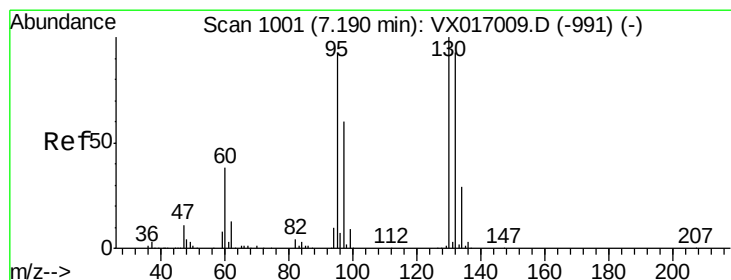
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#44

Trichloroethene

Concen: 0.275 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX017201.D

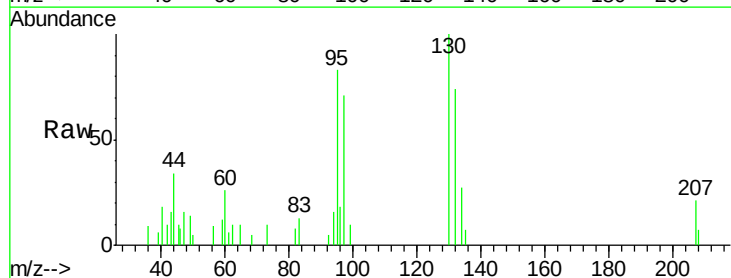
Acq: 07 Jul 2020 14:21

Tgt Ion:130 Resp: 1926

Ion Ratio Lower Upper

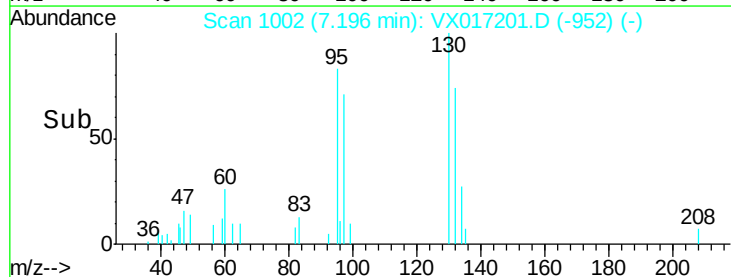
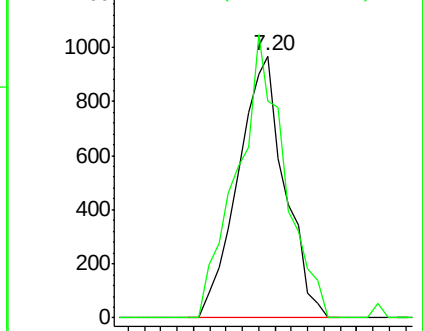
130 100

95 82.8 0.0 185.0

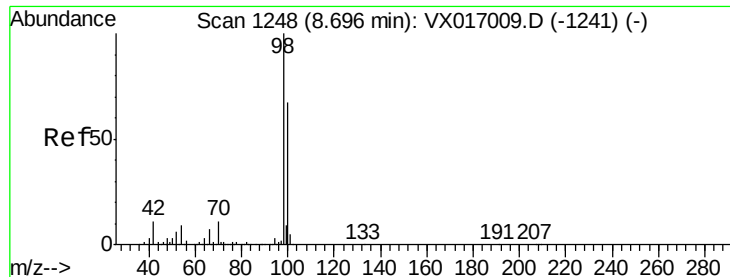


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V



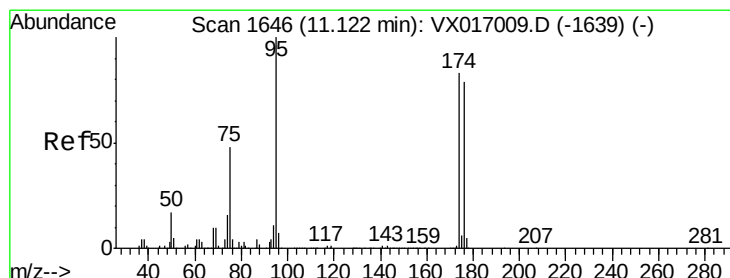
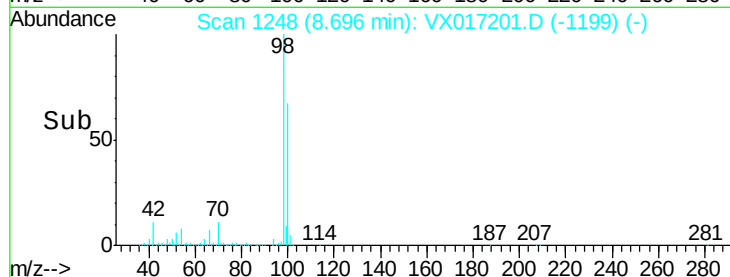
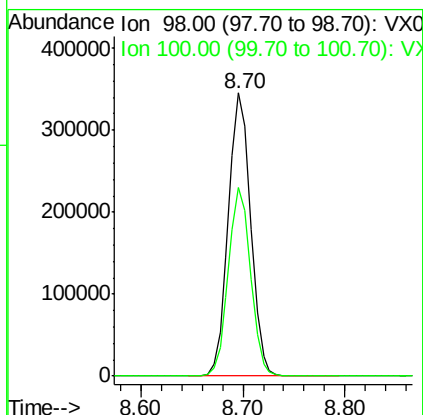
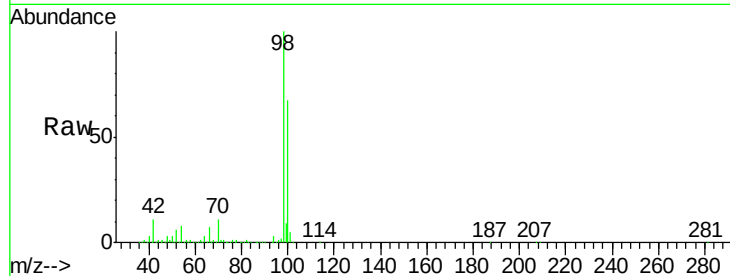
Time-->



#50
Toluene-d8
Concen: 51.875 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017201.D
Acq: 07 Jul 2020 14:21

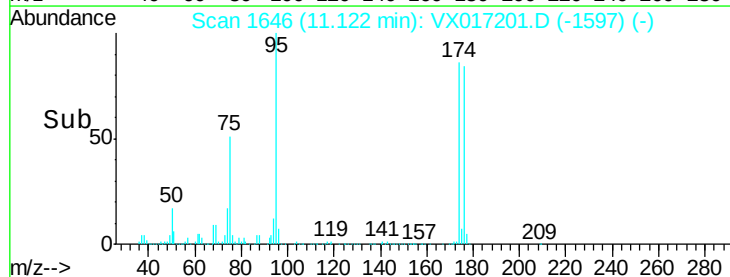
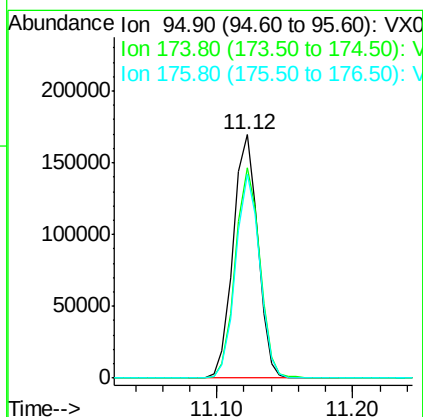
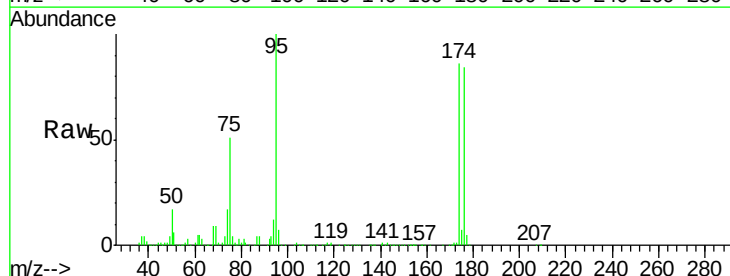
Instrument :
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ClientSampleId :
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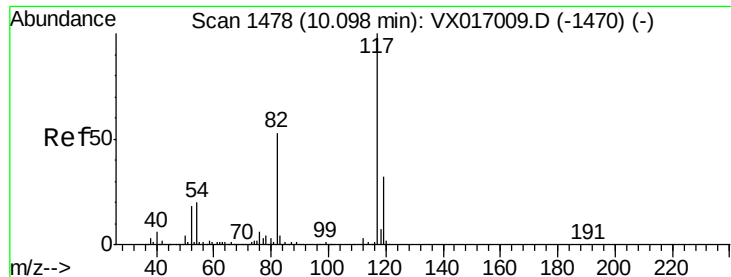
Tot Ion: 98 Resp: 523525
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.279 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017201.D
Acq: 07 Jul 2020 14:21

Tgt Ion: 95 Resp: 214137
Ion Ratio Lower Upper
95 100
174 86.1 0.0 164.0
176 81.9 0.0 157.6

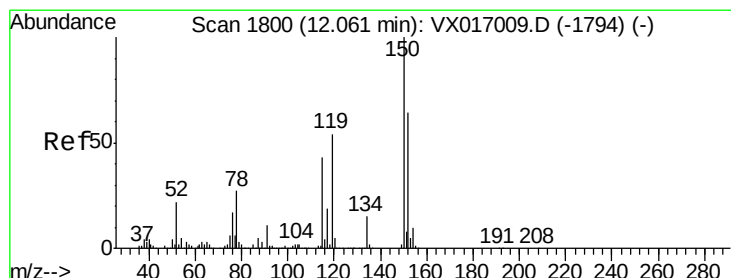
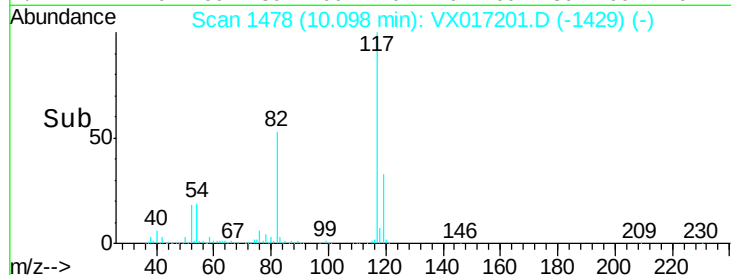
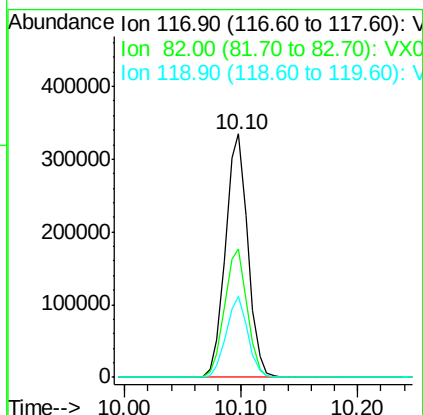
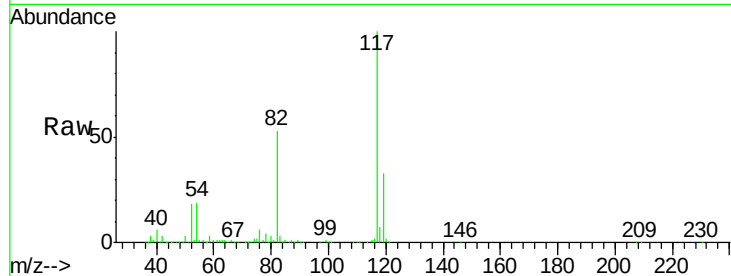




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017201.D
Acq: 07 Jul 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
31S-20200629

Tot Ion:117 Resp: 444534
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 33.1 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: VX017201.D
Acq: 07 Jul 2020 14:21

Tgt Ion:152 Resp: 238321
Ion Ratio Lower Upper
152 100
115 58.0 40.9 122.7
150 158.1 0.0 351.6

