

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017172.D
 Acq On : 06 Jul 2020 16:48
 Operator : JC/SP
 Sample : L3159-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40S-20200629

Quant Time: Jul 07 07:29:53 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

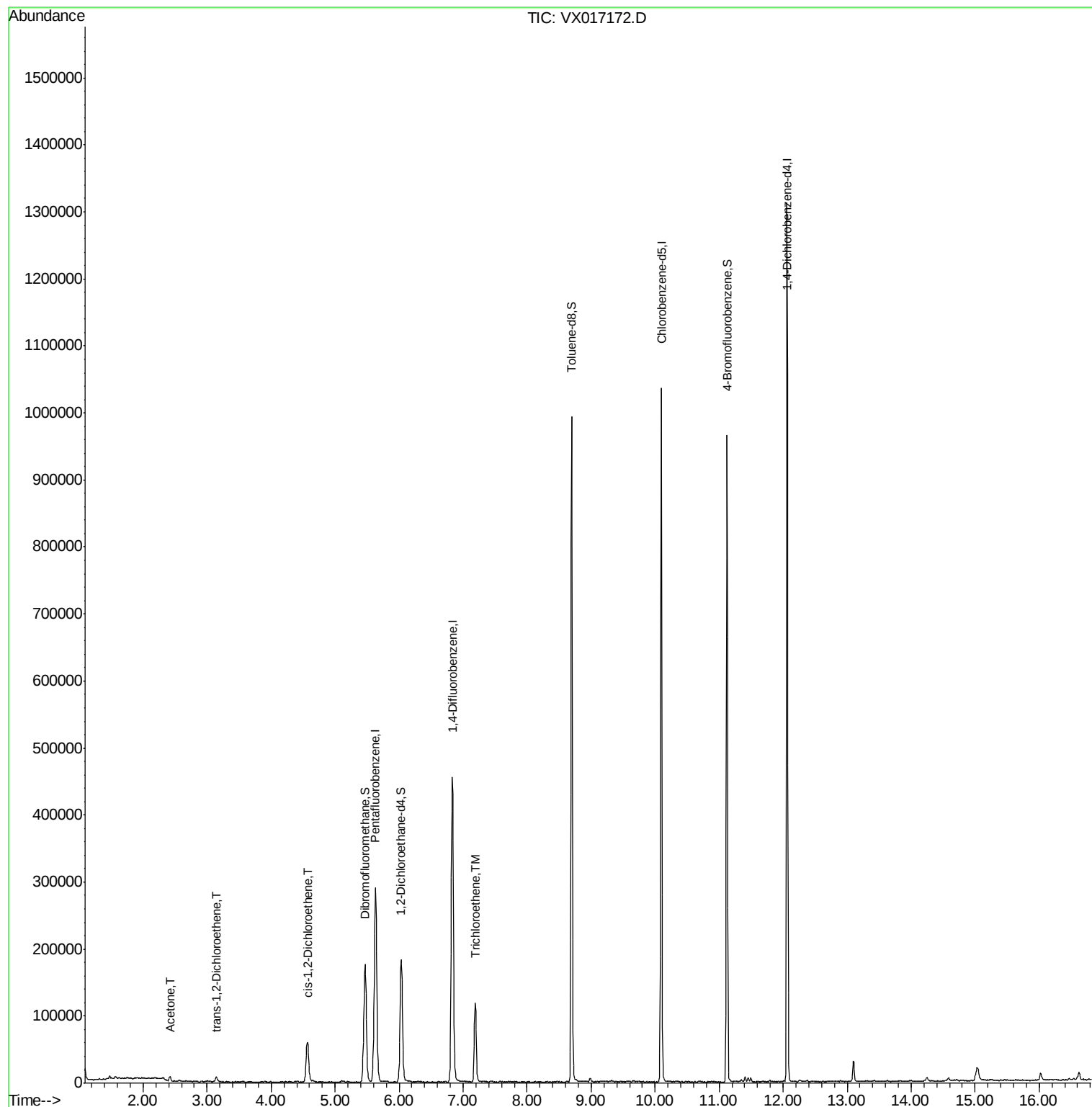
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	270309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	176792	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	154108	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	8.70	98	570540	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	241654	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
Target Compounds						
16) Acetone	2.42	43	7299	5.602	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	3180	1.025	ug/l	85
27) cis-1,2-Dichloroethene	4.57	96	40376	11.489	ug/l	89
44) Trichloroethene	7.19	130	46813	12.834	ug/l	99

(#) = 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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

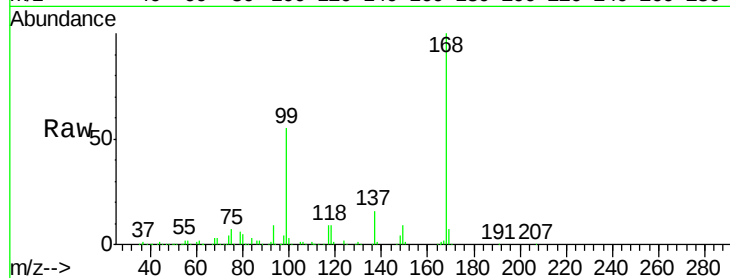
40S-20200629

Tot Ion:168 Resp: 282504

Ion Ratio Lower Upper

168 100

99 55.0 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

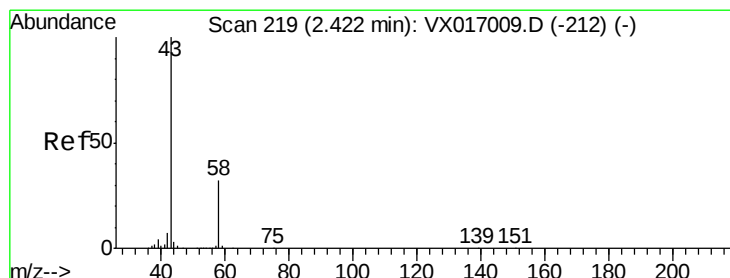
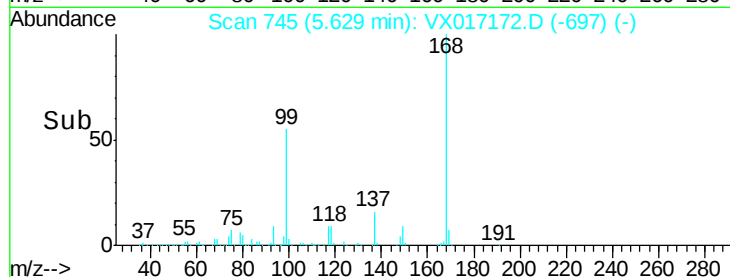
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.602 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017172.D

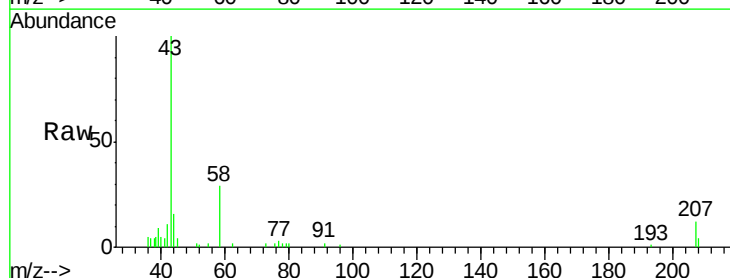
Acq: 06 Jul 2020 16:48

Tgt Ion: 43 Resp: 7299

Ion Ratio Lower Upper

43 100

58 28.6 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

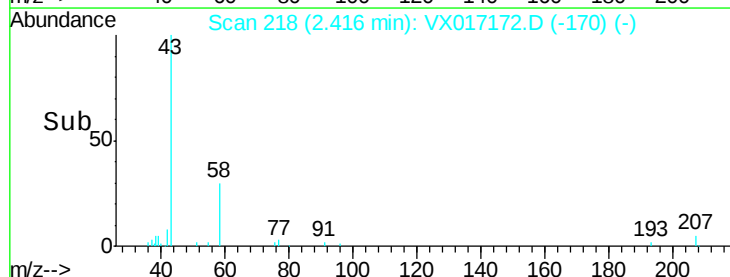
3000

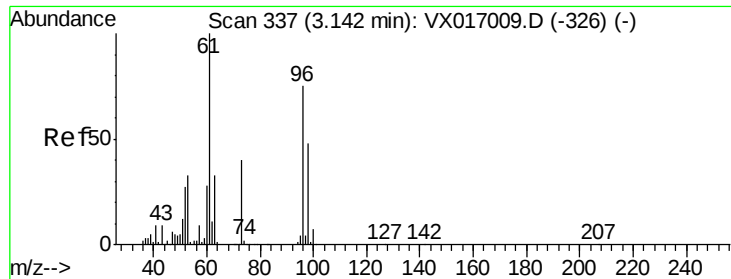
2000

1000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.025 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

40S-20200629

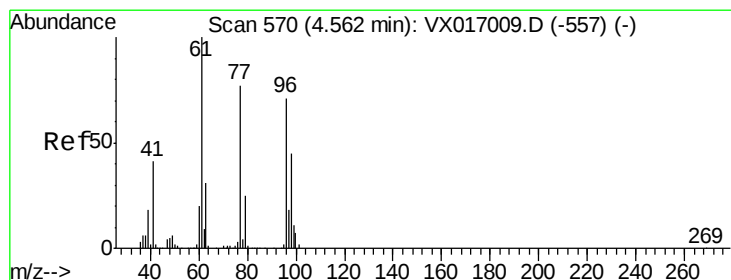
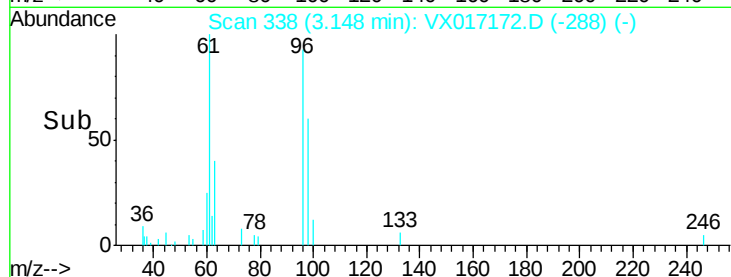
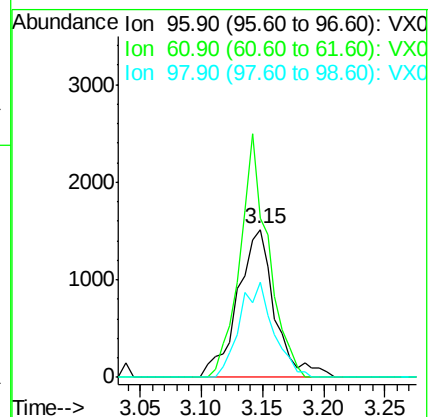
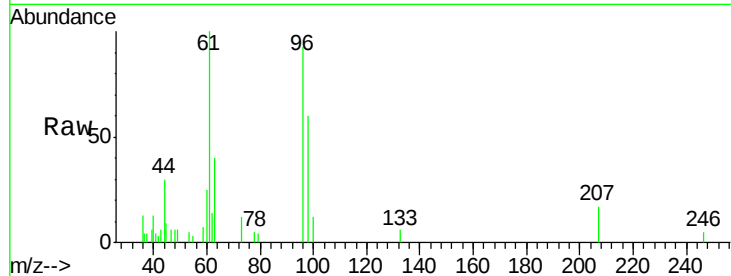
Tot Ion: 96 Resp: 3180

Ion Ratio Lower Upper

96 100

61 107.6 107.0 160.6

98 64.4 51.6 77.4



#27

cis-1,2-Dichloroethene

Concen: 11.489 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

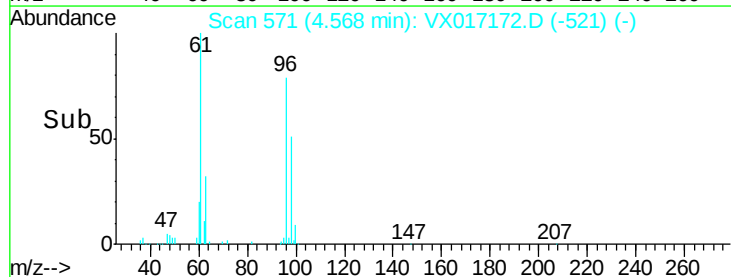
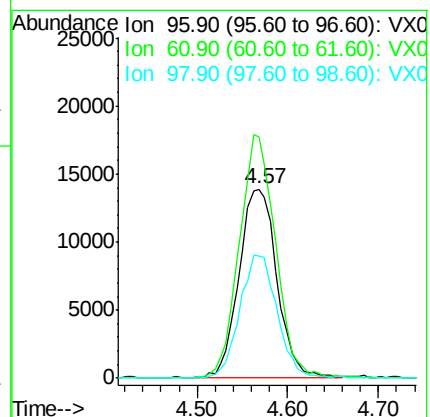
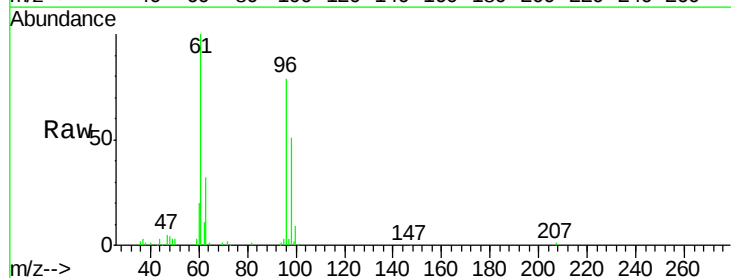
Tgt Ion: 96 Resp: 40376

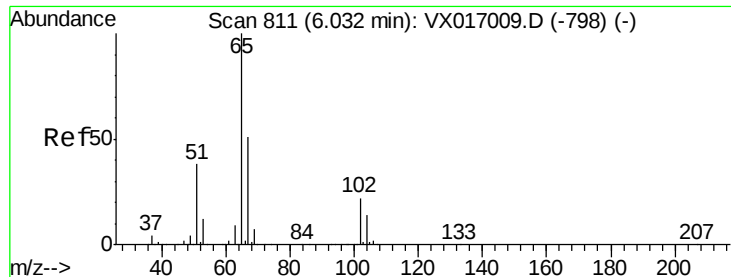
Ion Ratio Lower Upper

96 100

61 122.4 0.0 282.8

98 64.3 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 50.763 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

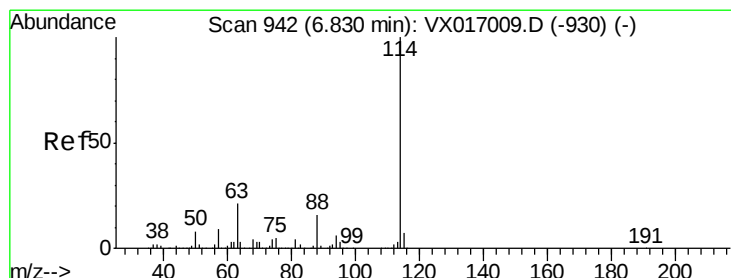
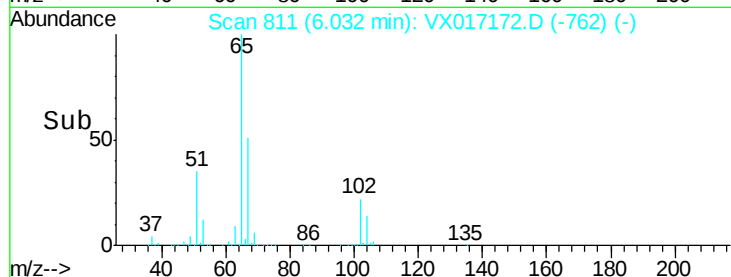
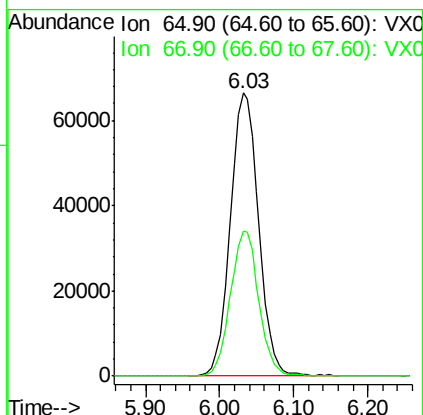
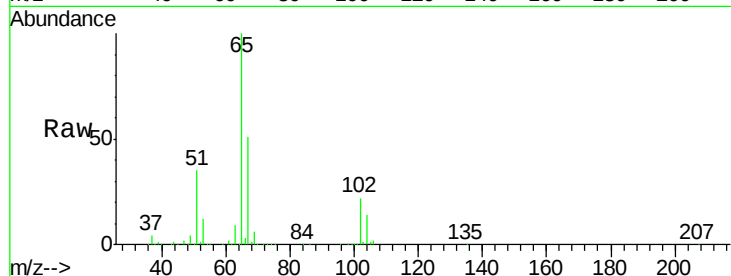
40S-20200629

Tot Ion: 65 Resp: 176792

Ion Ratio Lower Upper

65 100

67 51.4 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: VX017172.D

Acq: 06 Jul 2020 16:48

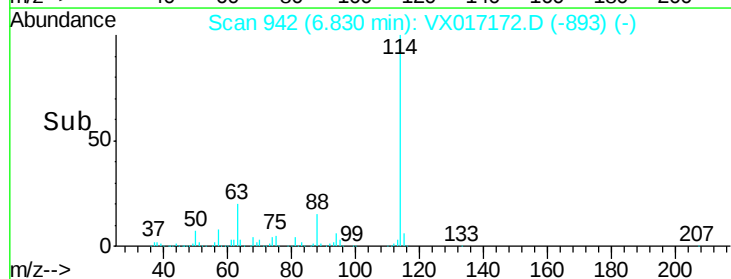
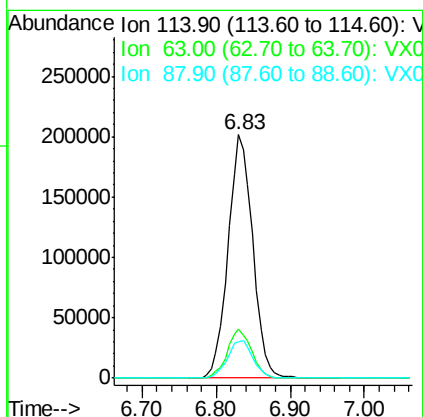
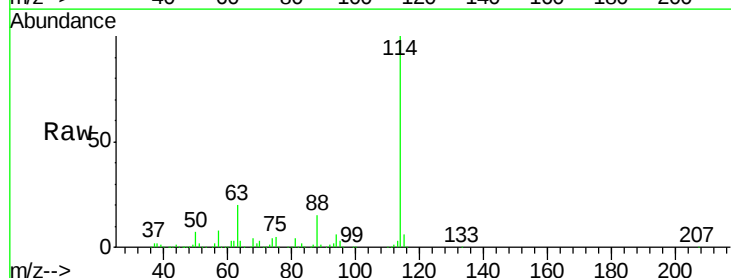
Tgt Ion: 114 Resp: 467607

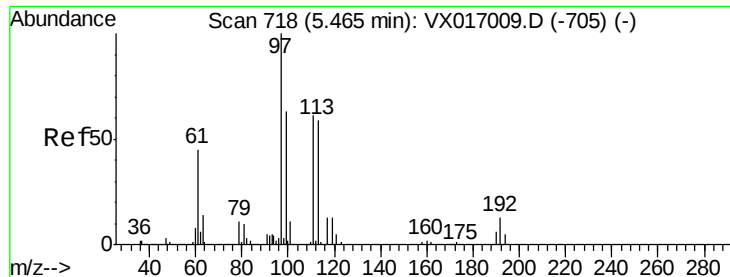
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.100 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

40S-20200629

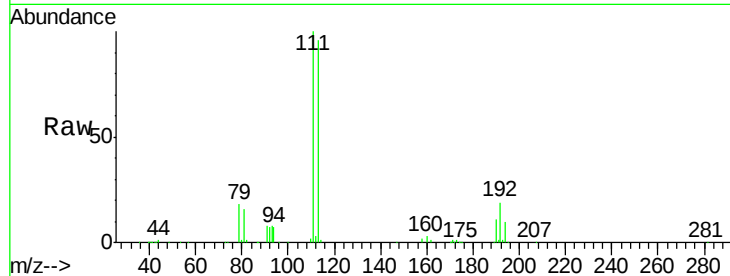
Tot Ion:113 Resp: 154108

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

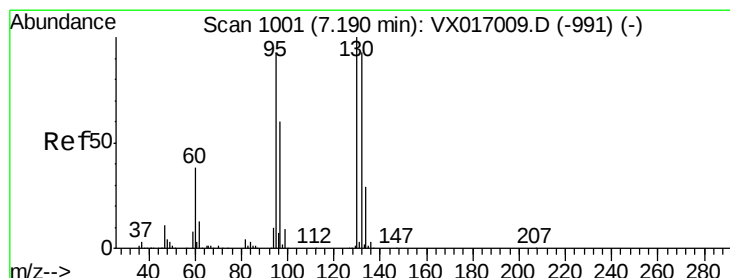
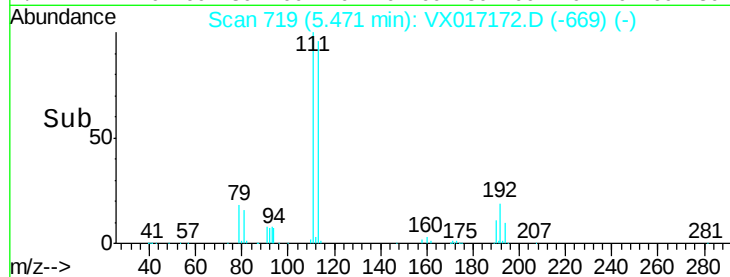
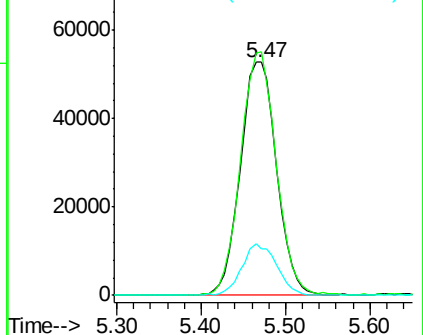
192 21.3 16.7 25.1



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: 12.834 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017172.D

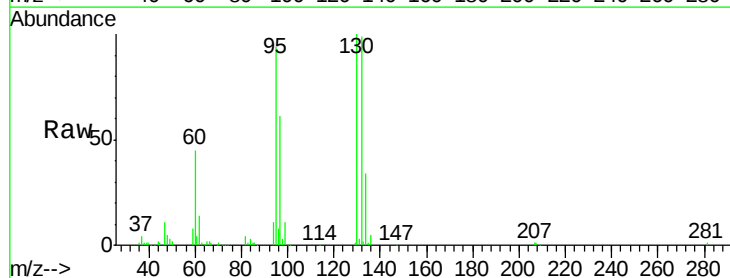
Acq: 06 Jul 2020 16:48

Tgt Ion:130 Resp: 46813

Ion Ratio Lower Upper

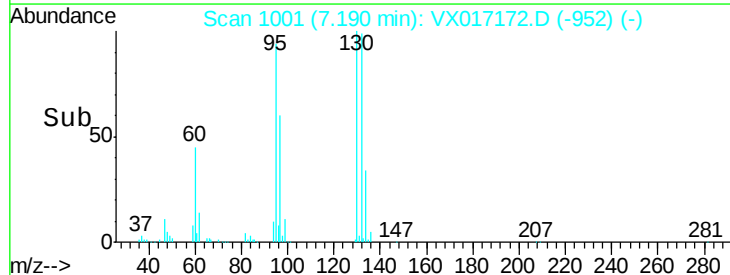
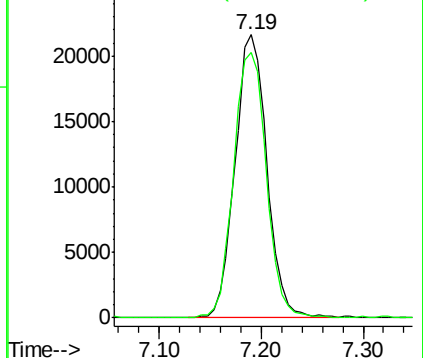
130 100

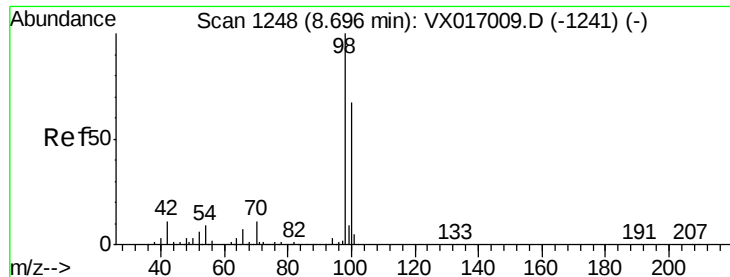
95 93.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.162 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

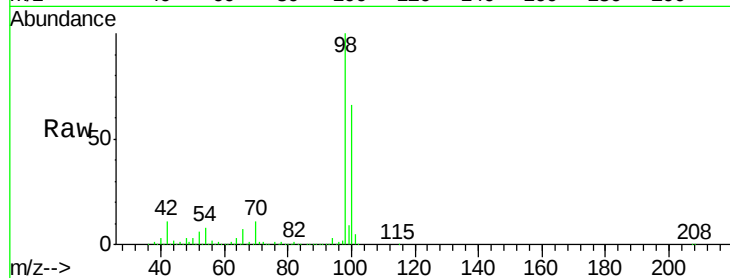
40S-20200629

Tot Ion: 98 Resp: 570540

Ion Ratio Lower Upper

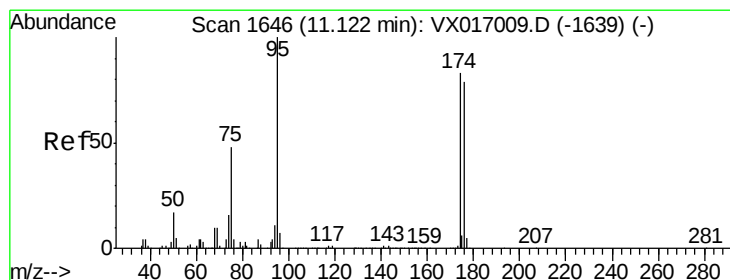
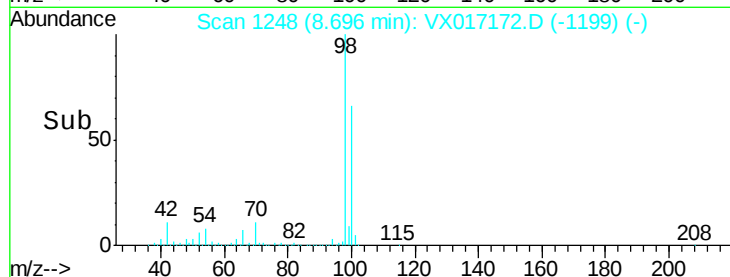
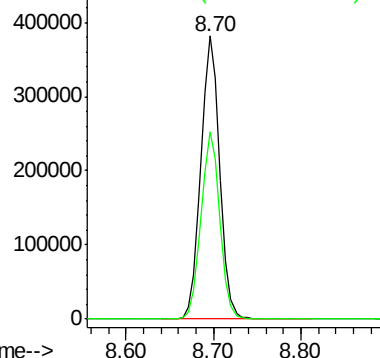
98 100

100 65.9 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: 56.517 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017172.D

Acq: 06 Jul 2020 16:48

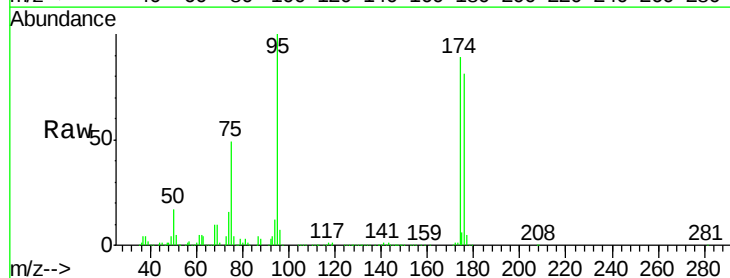
Tgt Ion: 95 Resp: 241654

Ion Ratio Lower Upper

95 100

174 85.2 0.0 164.0

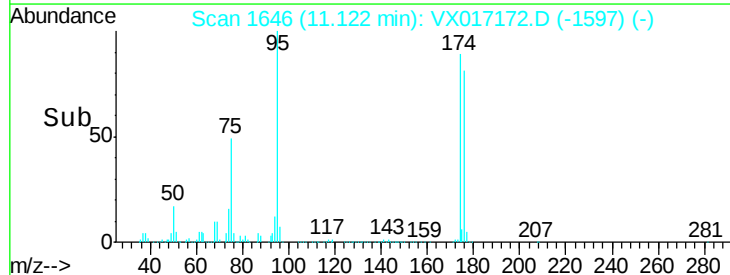
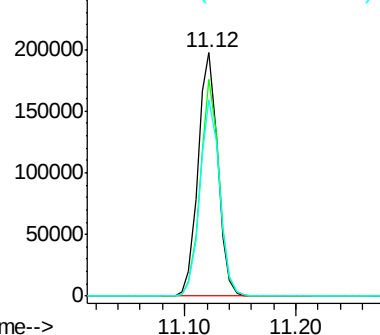
176 80.7 0.0 157.6

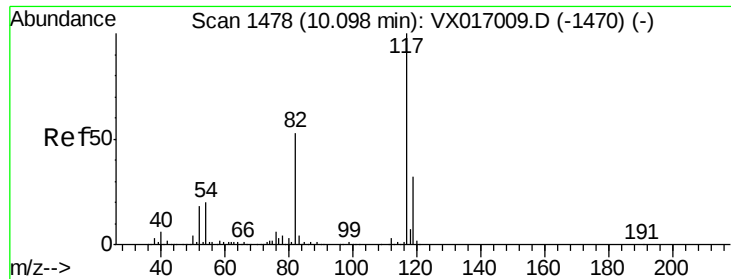


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

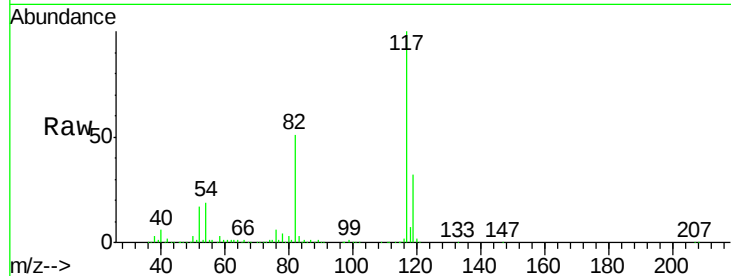




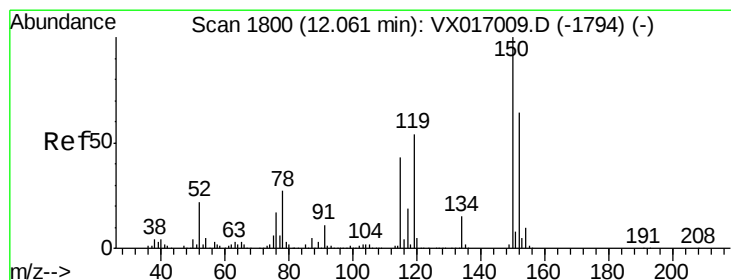
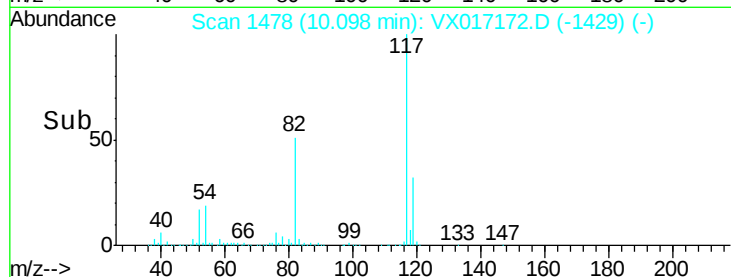
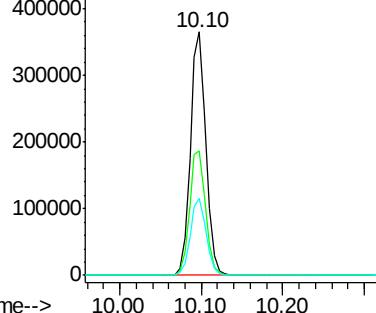
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017172.D
Acq: 06 Jul 2020 16:48

Instrument :
MSVOA_X
ClientSampleId :
40S-20200629

Tot Ion:117 Resp: 486065
Ion Ratio Lower Upper
117 100
82 51.1 42.6 63.8
119 31.6 25.4 38.2

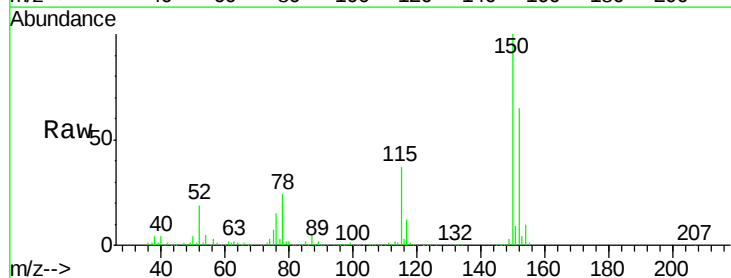


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017172.D
Acq: 06 Jul 2020 16:48

Tgt Ion:152 Resp: 270309
Ion Ratio Lower Upper
152 100
115 56.7 40.9 122.7
150 155.9 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

