

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017420.D
 Acq On : 17 Jul 2020 15:25
 Operator : JC/SP
 Sample : L3188-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-071620

Quant Time: Jul 18 07:37:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

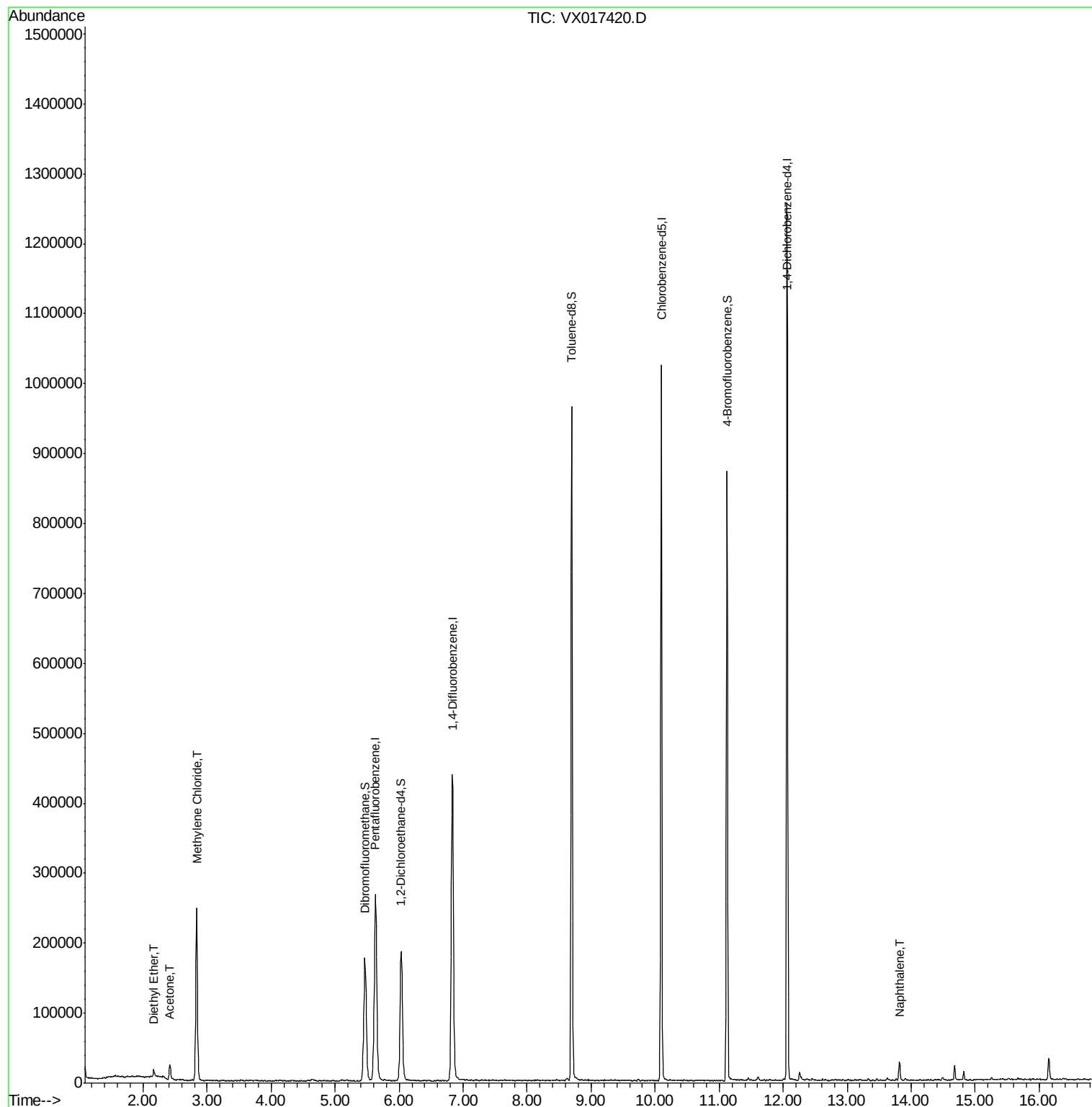
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	254567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	173906	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
35) Dibromofluoromethane	5.46	113	152066	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	8.70	98	549069	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.12	95	221791	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
8) Diethyl Ether	2.17	74	4100	2.982	ug/l	96
16) Acetone	2.42	43	23948	21.874	ug/l	98
20) Methylene Chloride	2.84	84	113177	42.369	ug/l	93
95) Naphthalene	13.82	128	16003	1.026	ug/l	99

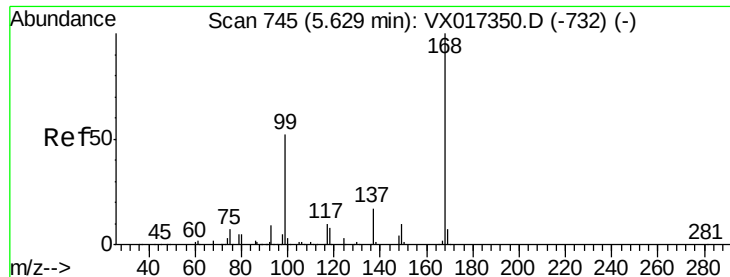
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

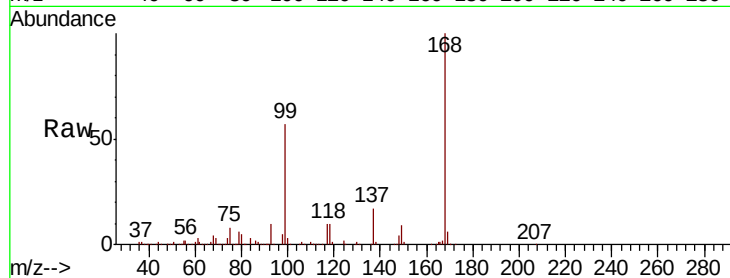
TR-04-071620

Tot Ion:168 Resp: 244512

Ion Ratio Lower Upper

168 100

99 56.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

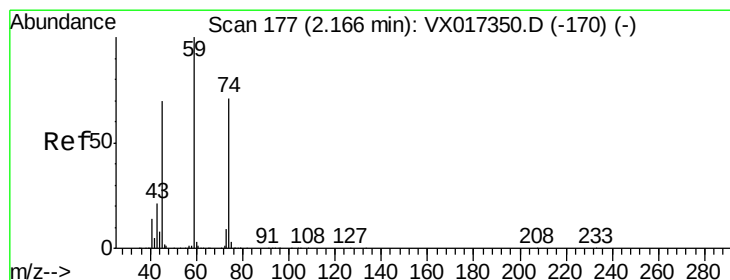
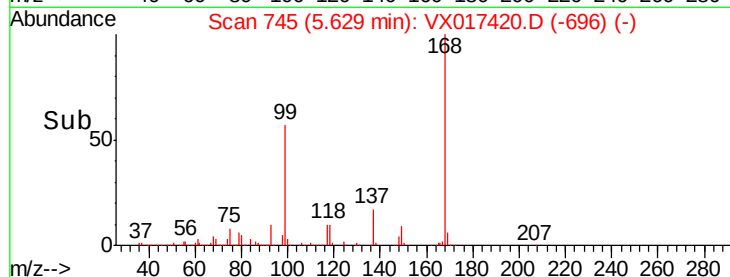
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#8

Diethyl Ether

Concen: 2.982 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017420.D

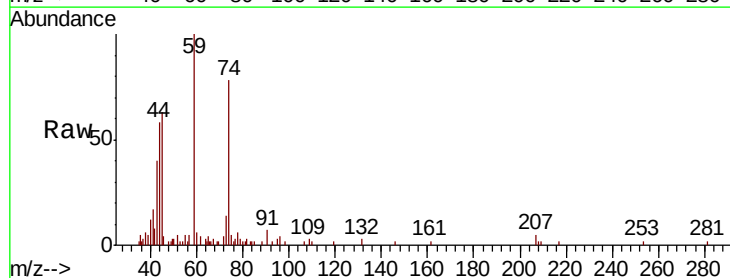
Acq: 17 Jul 2020 15:25

Tgt Ion: 74 Resp: 4100

Ion Ratio Lower Upper

74 100

45 90.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

3000

2500

2000

1500

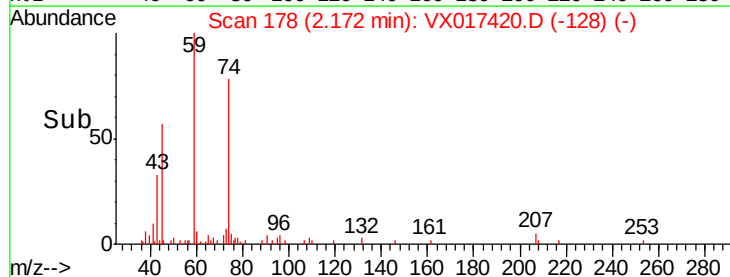
1000

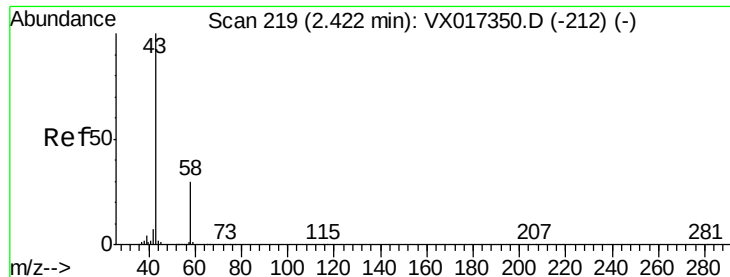
500

0

2.10 2.15 2.20 2.25 2.30

Time-->





#16

Acetone

Concen: 21.874 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

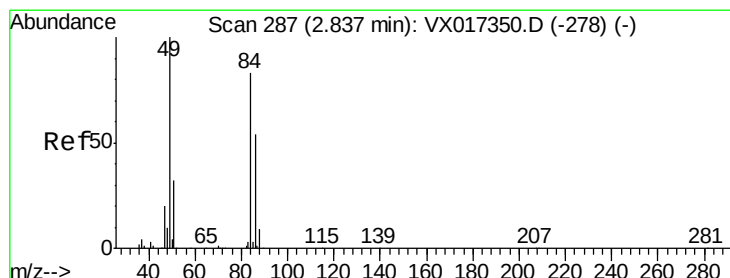
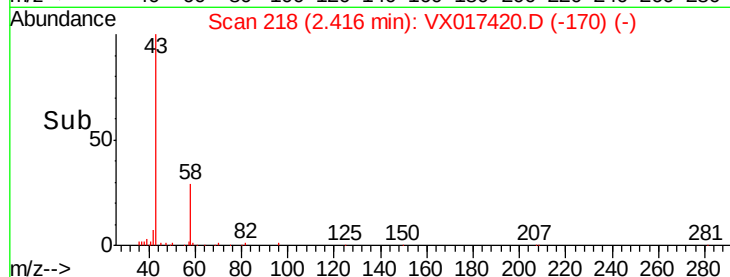
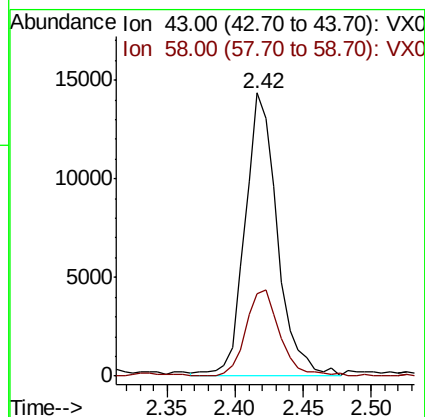
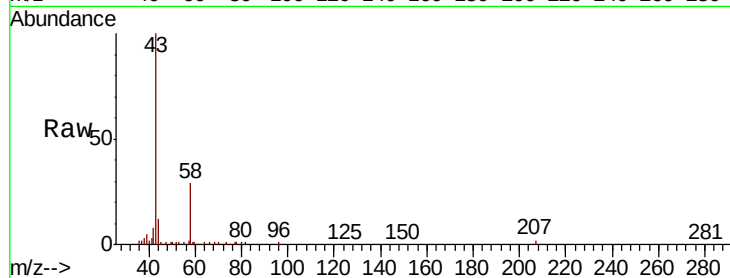
TR-04-071620

Tot Ion: 43 Resp: 23948

Ion Ratio Lower Upper

43 100

58 29.2 24.2 36.2



#20

Methylene Chloride

Concen: 42.369 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

Tgt Ion: 84 Resp: 113177

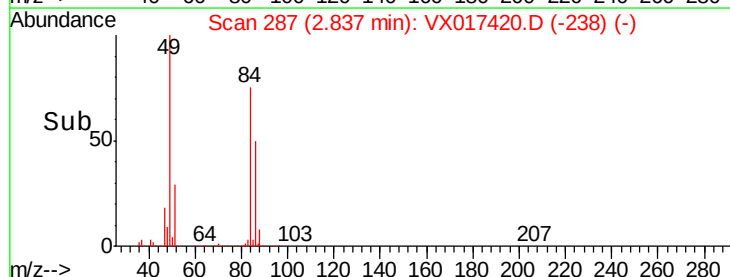
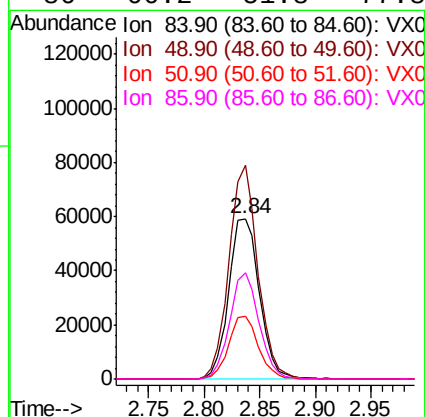
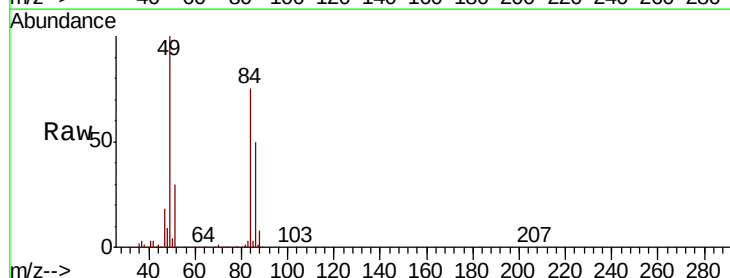
Ion Ratio Lower Upper

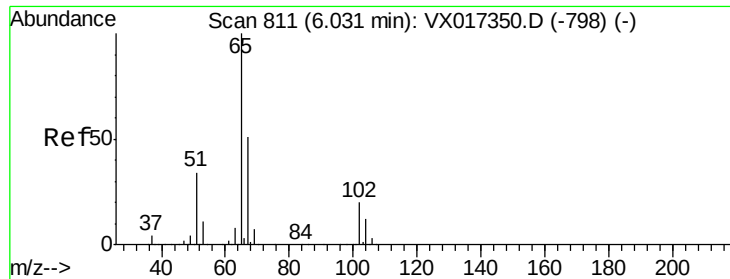
84 100

49 133.3 95.8 143.8

51 39.3 31.0 46.4

86 66.2 51.8 77.8

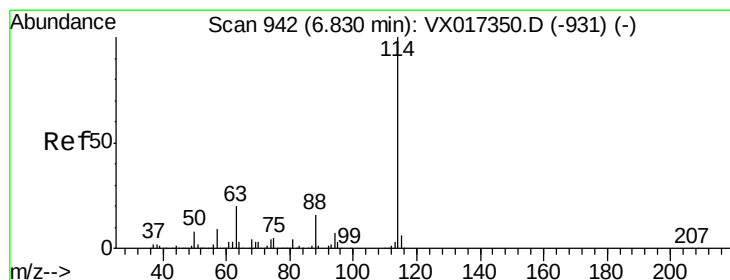
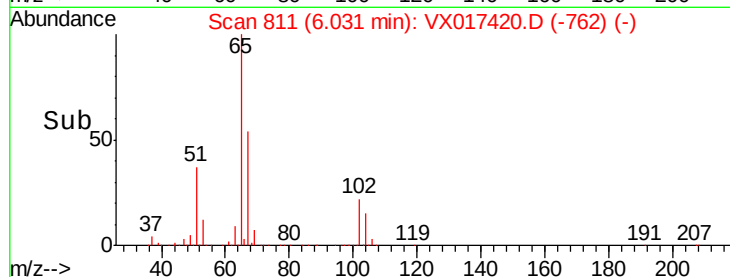
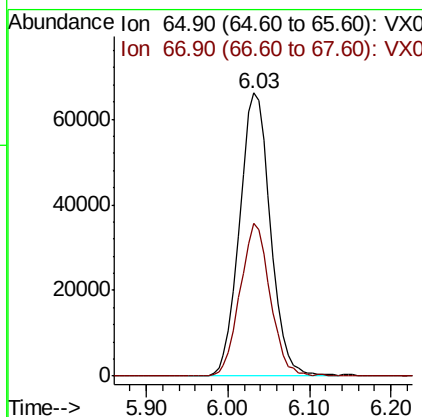
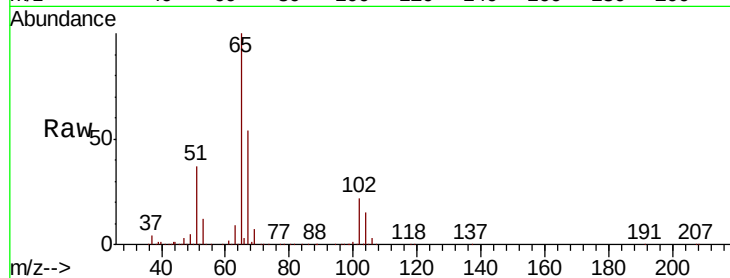




#33
 1,2-Dichloroethane-d4
 Concen: 56.668 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017420.D
 Acq: 17 Jul 2020 15:25

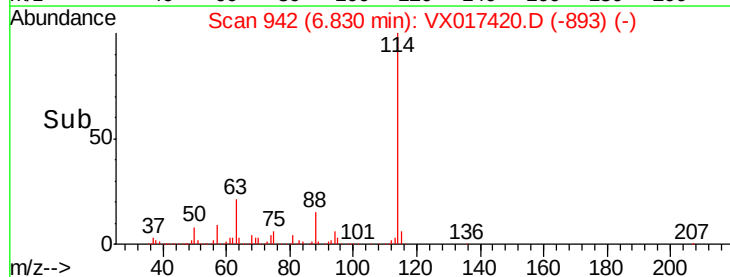
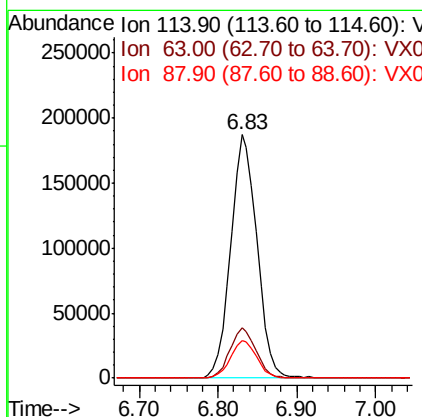
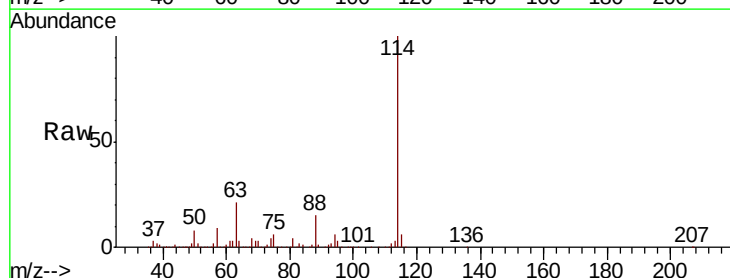
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-071620

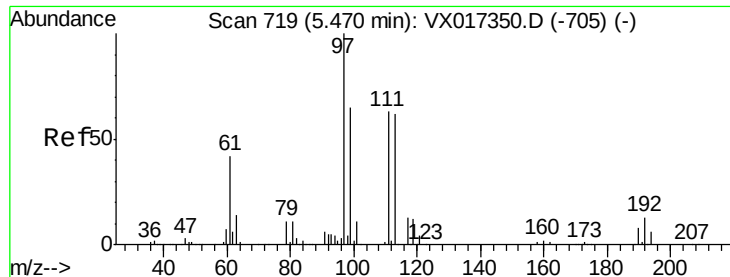
Tot Ion: 65 Resp: 173906
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017420.D
 Acq: 17 Jul 2020 15:25

Tgt Ion: 114 Resp: 433324
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 15.2 0.0 32.8

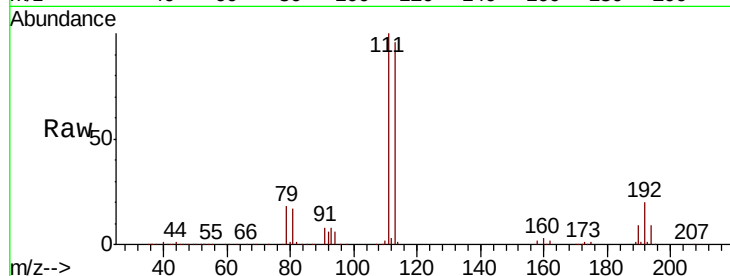




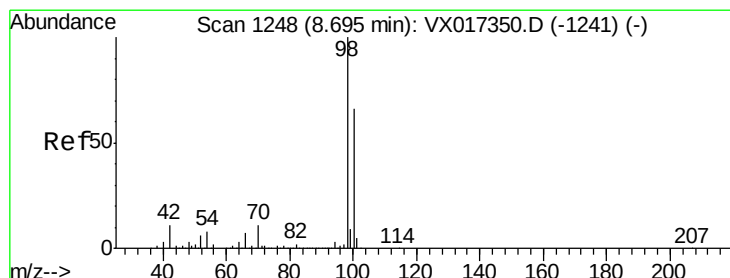
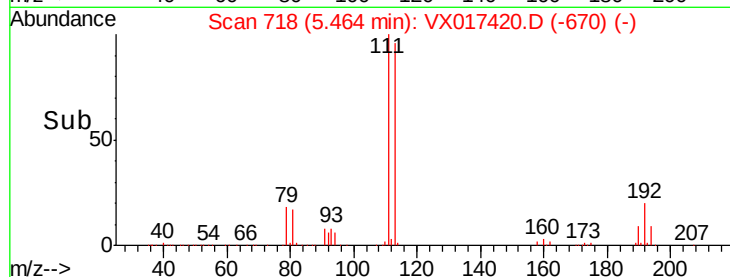
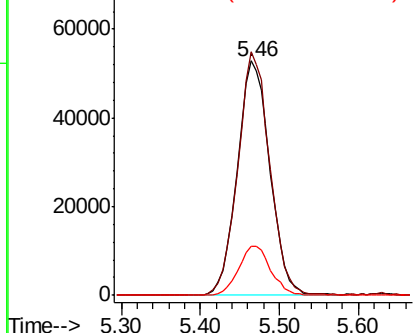
#35
Dibromofluoromethane
Concen: 52.096 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017420.D
Acq: 17 Jul 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071620

Tot Ion:113 Resp: 152066
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 20.7 17.2 25.8

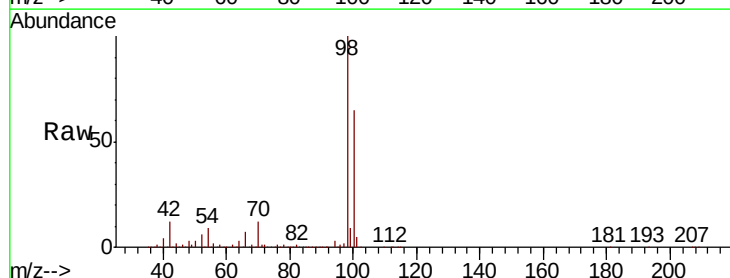


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

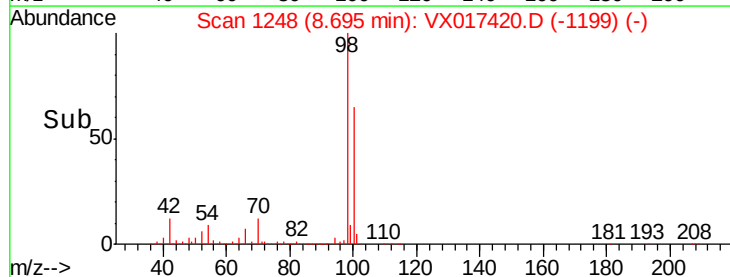
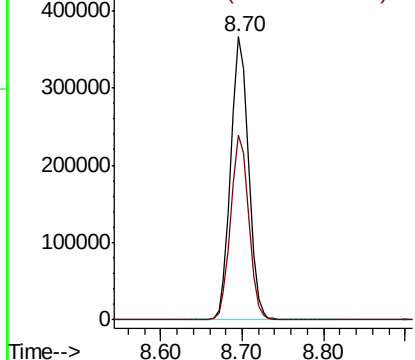


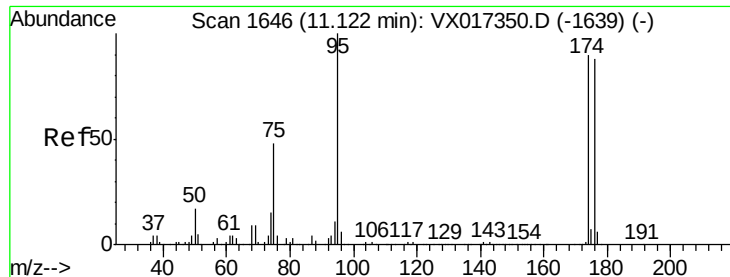
#50
Toluene-d8
Concen: 52.148 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017420.D
Acq: 17 Jul 2020 15:25

Tgt Ion: 98 Resp: 549069
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.031 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

TR-04-071620

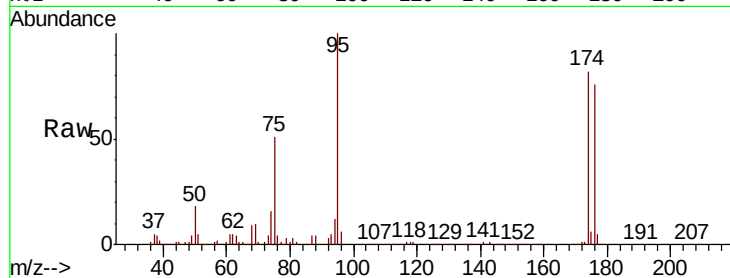
Tot Ion: 95 Resp: 221791

Ion Ratio Lower Upper

95 100

174 81.5 0.0 175.8

176 76.9 0.0 164.6

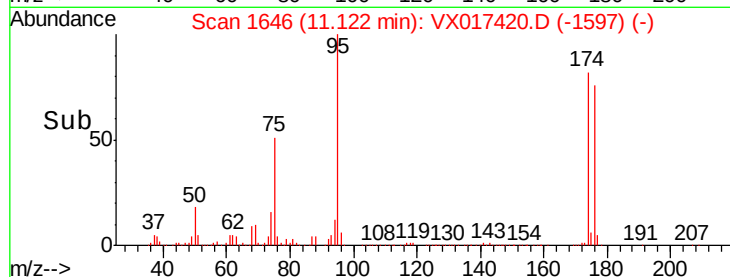


Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)

Time-->

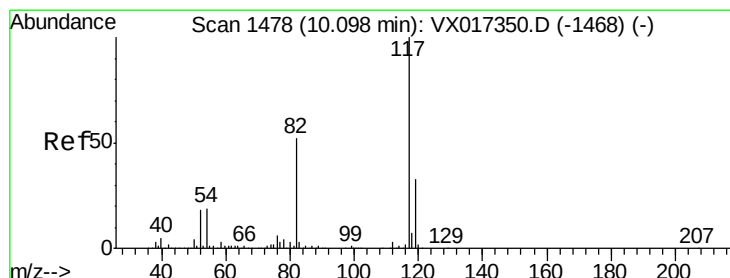


Abundance Ion 94.90 (94.60 to 95.60): VX017420.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017420.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017420.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

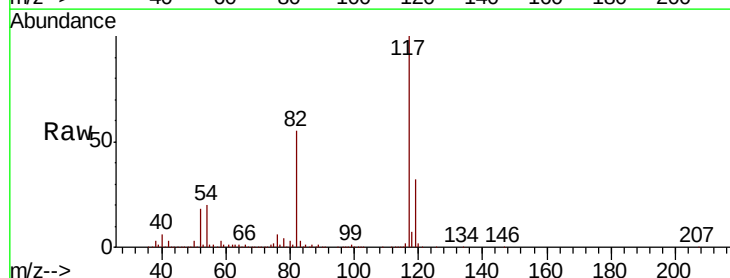
Tgt Ion: 117 Resp: 459242

Ion Ratio Lower Upper

117 100

82 54.7 42.0 63.0

119 32.4 26.3 39.5

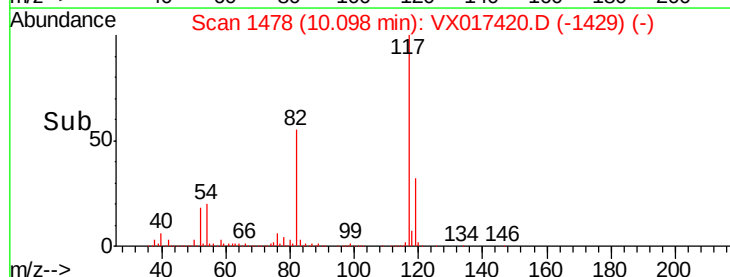


Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)

Time-->

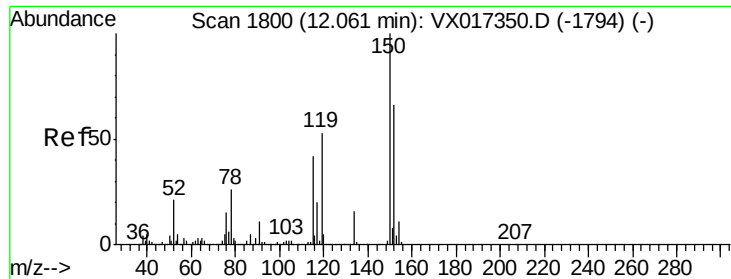


Abundance Ion 116.90 (116.60 to 117.60): VX017420.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017420.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017420.D (-1429) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

TR-04-071620

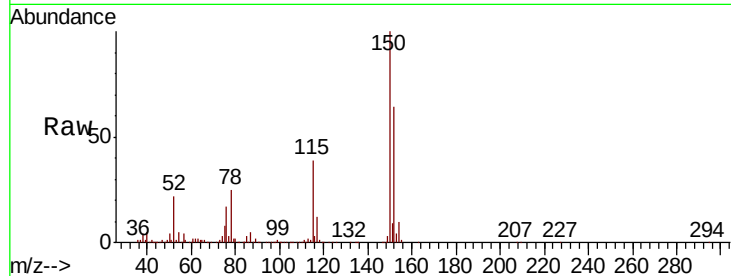
Tot Ion:152 Resp: 254567

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.7

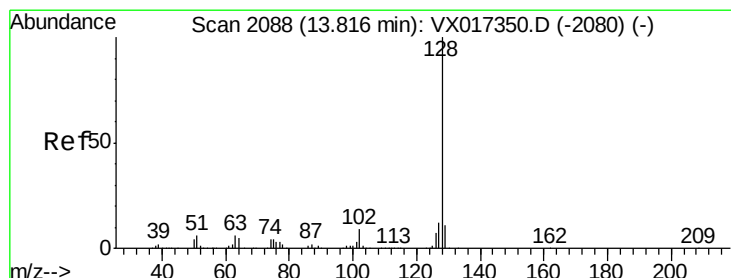
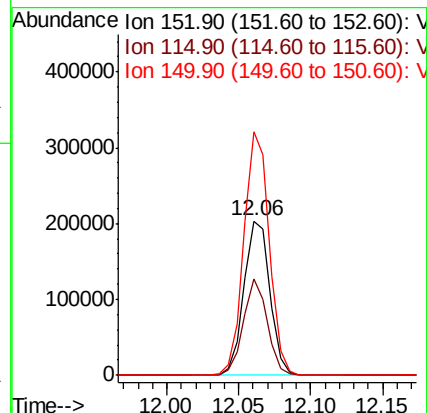
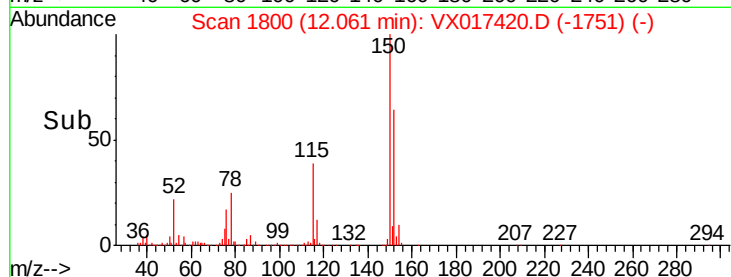
150 153.6 0.0 343.4



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



#95

Naphthalene

Concen: 1.026 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017420.D

Acq: 17 Jul 2020 15:25

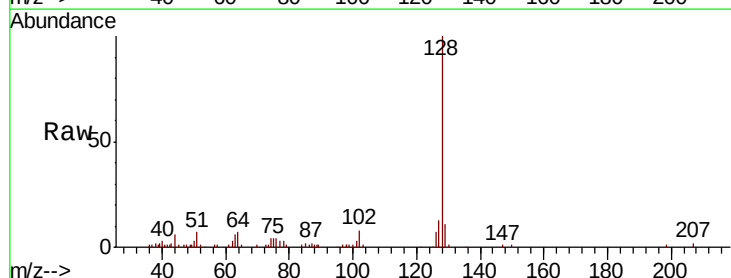
Tgt Ion:128 Resp: 16003

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

