

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017023.D
 Acq On : 29 Jun 2020 21:34
 Operator : JC/SP
 Sample : L3146-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

Quant Time: Jun 30 06:27:43 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

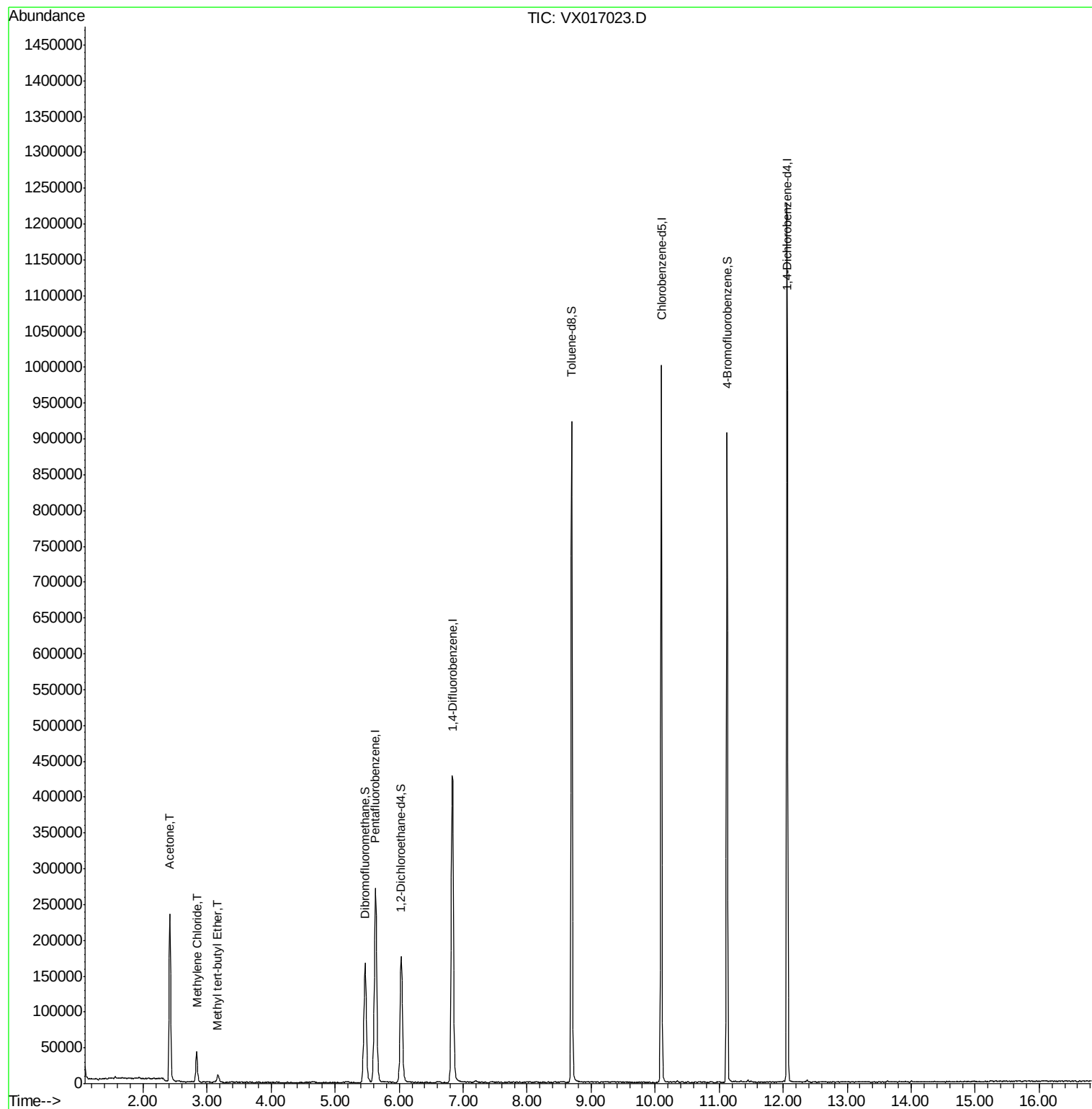
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	446675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	166867	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	5.47	113	144085	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	8.70	98	543092	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.12	95	227963	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
Target Compounds						
16) Acetone	2.42	43	247074	209.968	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	10858	1.282	ug/l	97
20) Methylene Chloride	2.84	84	20392	6.881	ug/l	97

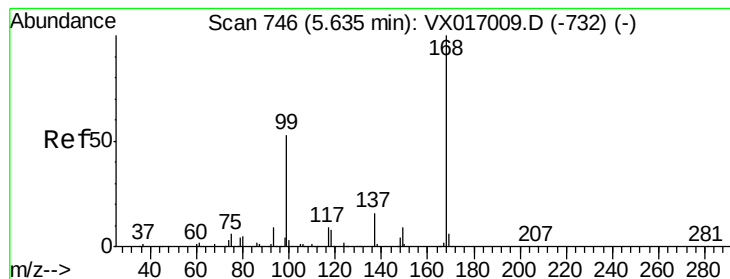
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

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MSVOA_X

ClientSampleId :

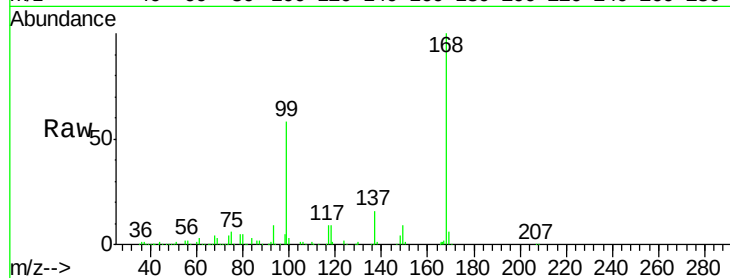
200624027-01-TRIP-BLANK

Tot Ion:168 Resp: 255155

Ion Ratio Lower Upper

168 100

99 58.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

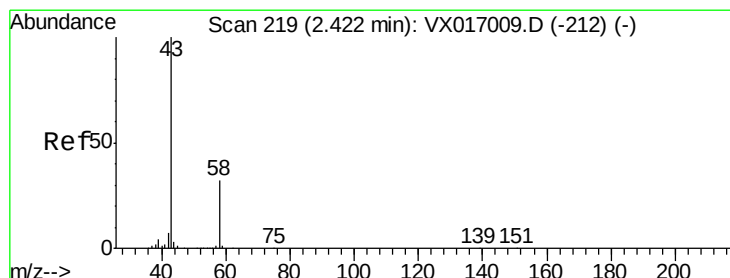
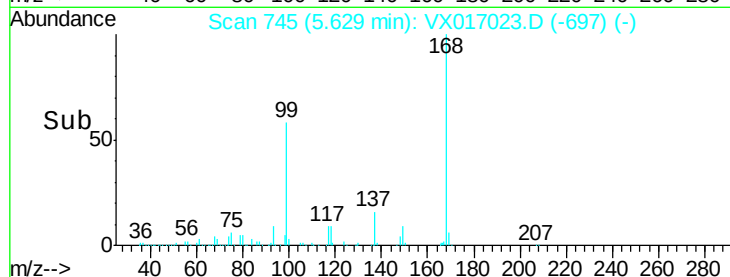
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 209.968 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017023.D

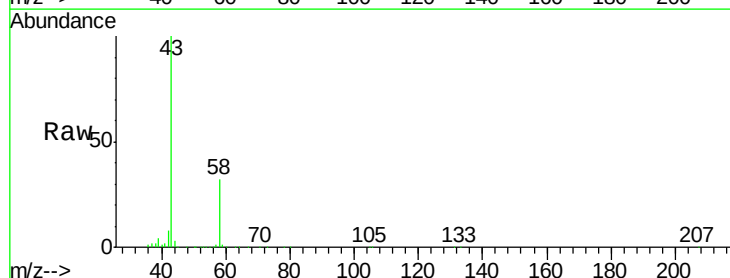
Acq: 29 Jun 2020 21:34

Tgt Ion: 43 Resp: 247074

Ion Ratio Lower Upper

43 100

58 32.1 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

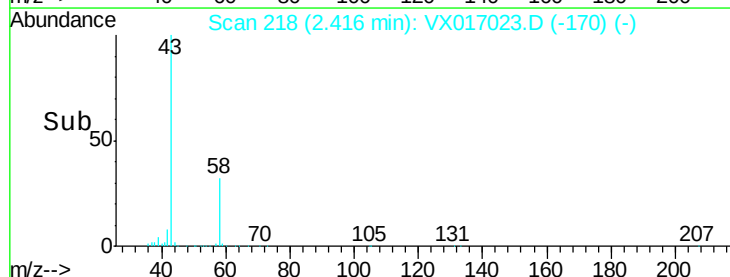
150000

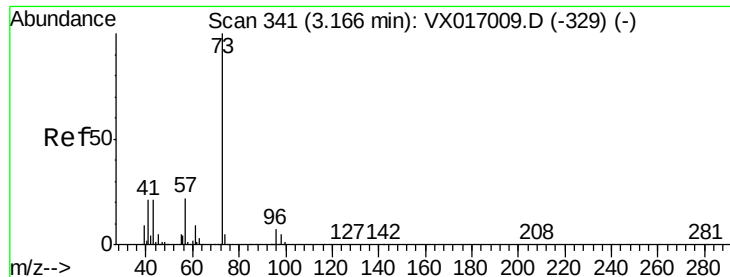
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 1.282 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

Instrument :

MSVOA_X

ClientSampleId :

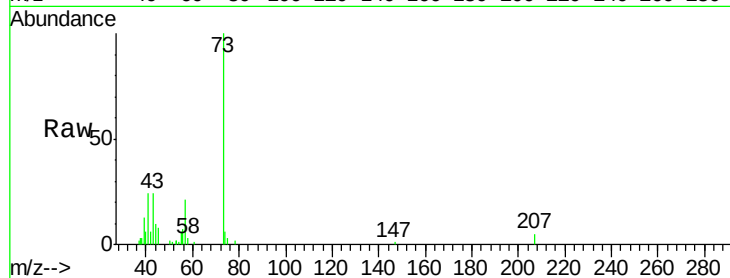
200624027-01-TRIP-BLANK

Tot Ion: 73 Resp: 10858

Ion Ratio Lower Upper

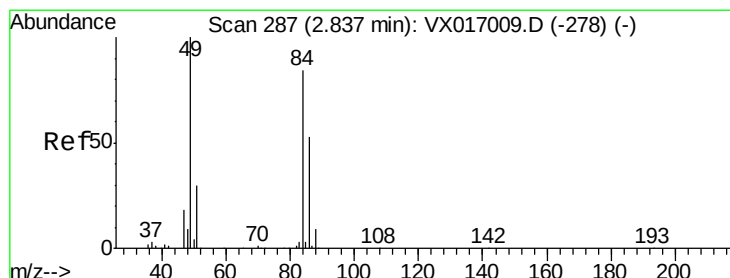
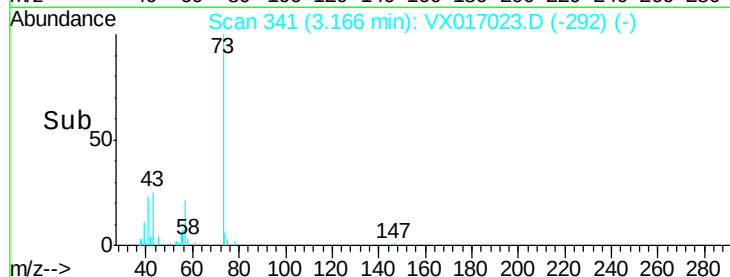
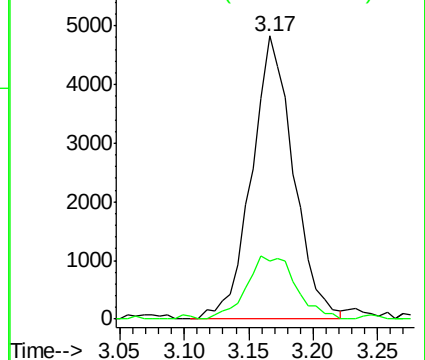
73 100

57 20.7 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 6.881 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

Tgt Ion: 84 Resp: 20392

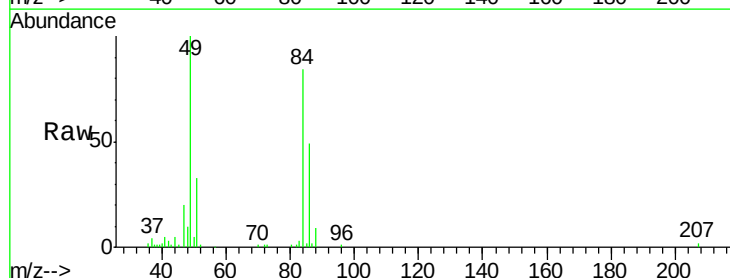
Ion Ratio Lower Upper

84 100

49 119.5 94.7 142.1

51 39.9 28.6 42.8

86 58.4 50.5 75.7

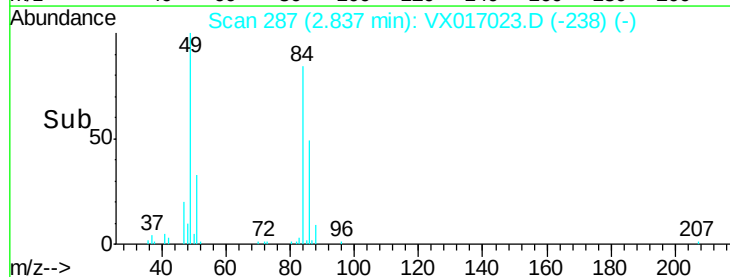
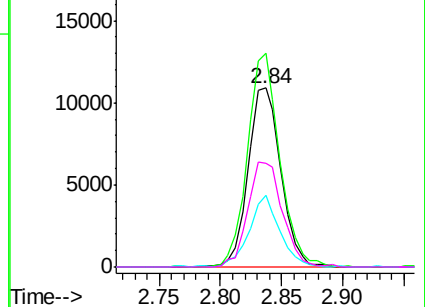


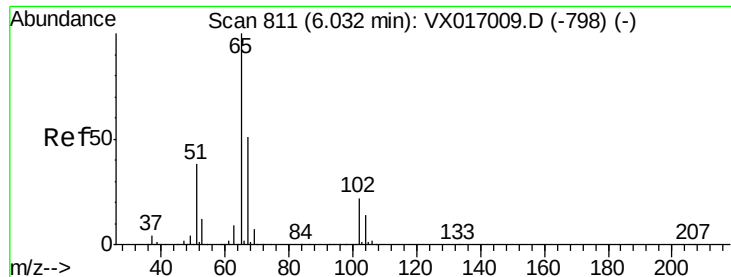
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

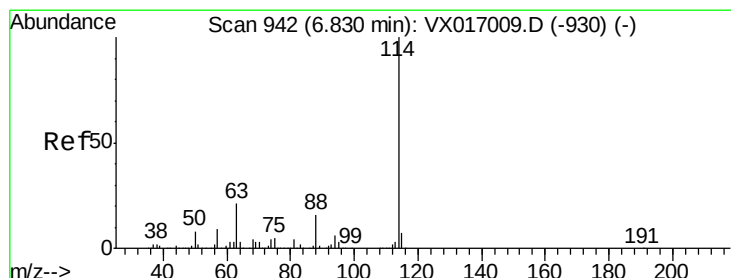
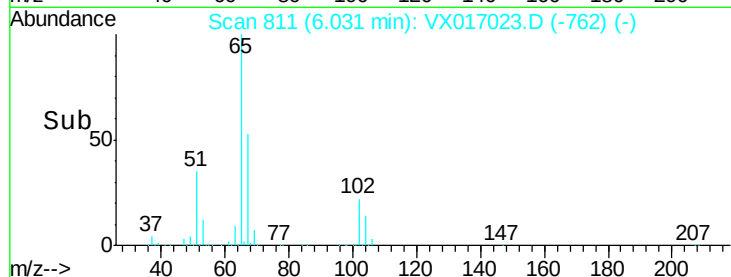
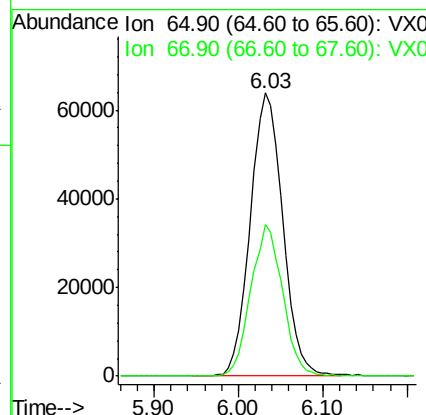
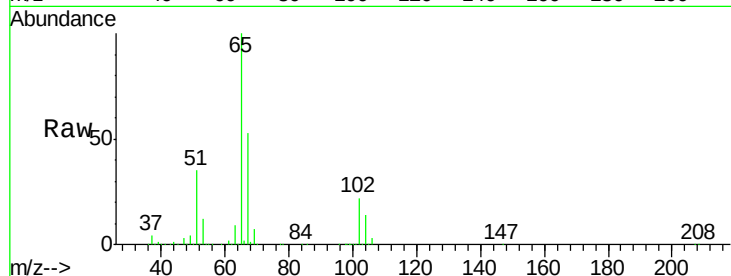




#33
 1,2-Dichloroethane-d4
 Concen: 53.049 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017023.D
 Acq: 29 Jun 2020 21:34

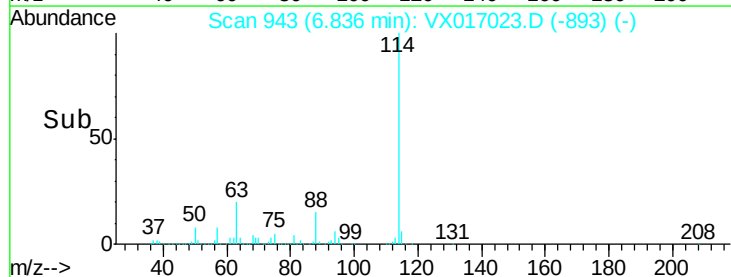
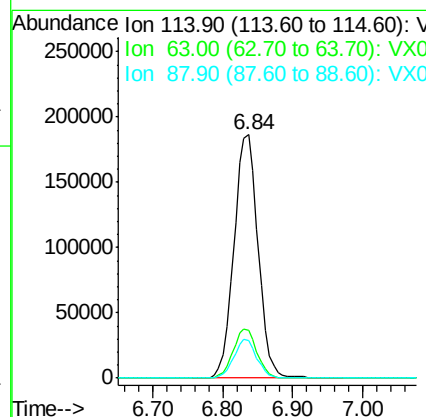
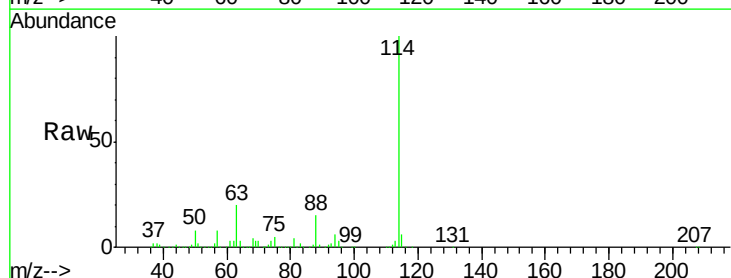
Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

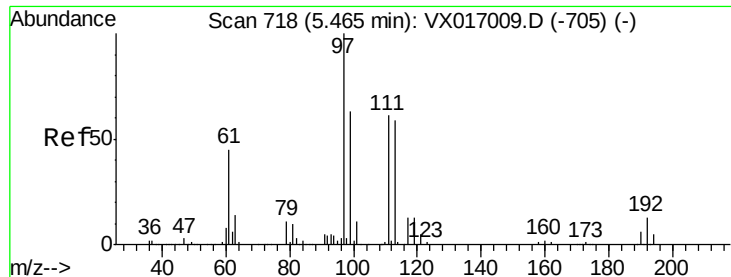
Tot Ion: 65 Resp: 166867
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017023.D
 Acq: 29 Jun 2020 21:34

Tgt Ion: 114 Resp: 446675
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.4 0.0 32.4

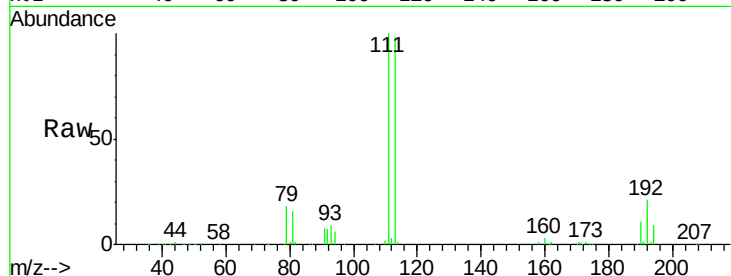




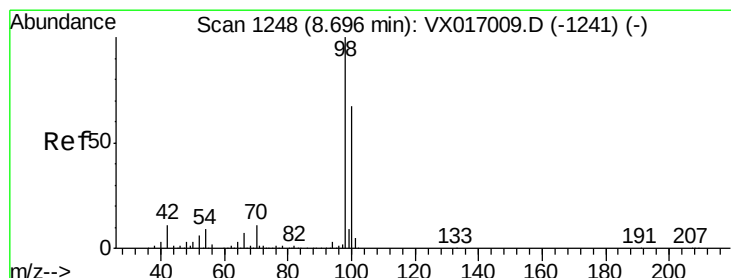
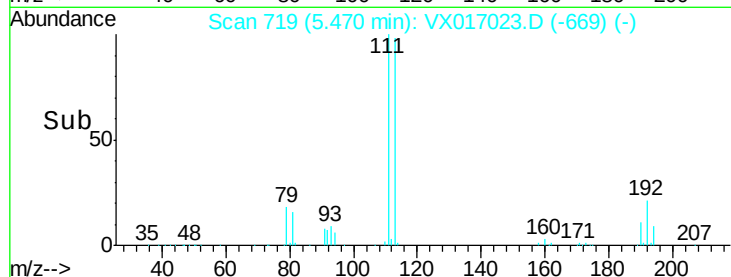
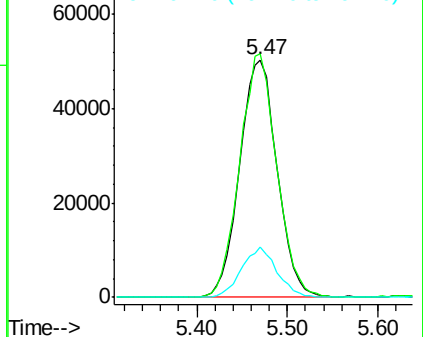
#35
 Dibromofluoromethane
 Concen: 50.994 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017023.D
 Acq: 29 Jun 2020 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

Tot Ion:113 Resp: 144085
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 20.0 16.7 25.1

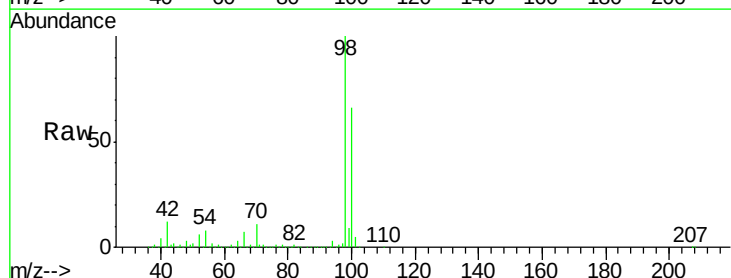


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

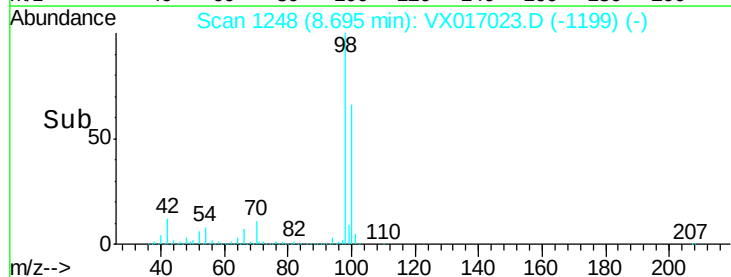
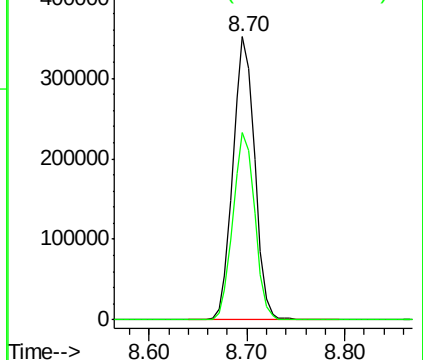


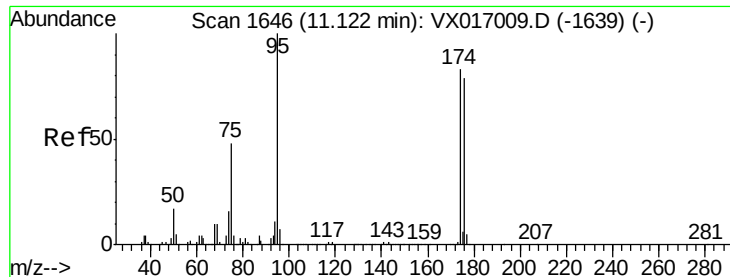
#50
 Toluene-d8
 Concen: 51.979 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017023.D
 Acq: 29 Jun 2020 21:34

Tgt Ion: 98 Resp: 543092
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.8 80.6



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





#62

4-Bromofluorobenzene

Concen: 55.814 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

Instrument :

MSVOA_X

ClientSampleId :

200624027-01-TRIP-BLANK

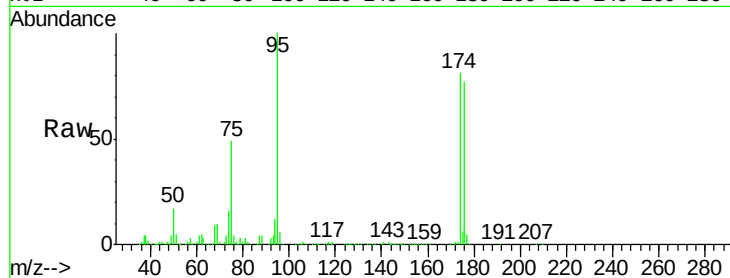
Tot Ion: 95 Resp: 227963

Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

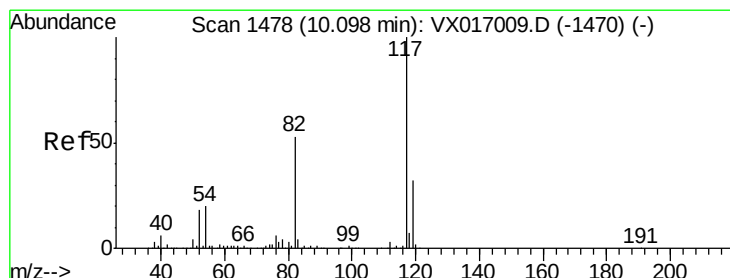
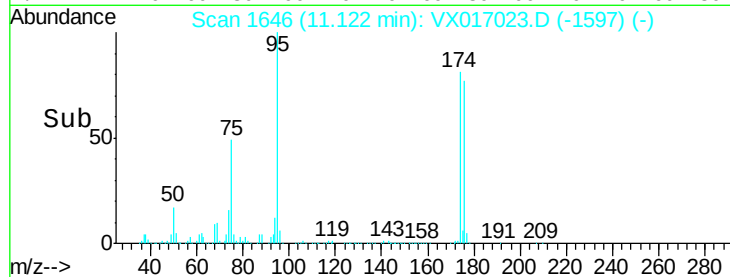
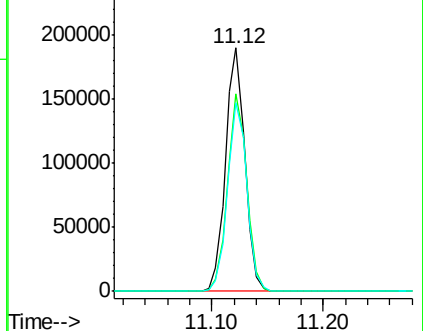
176 77.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

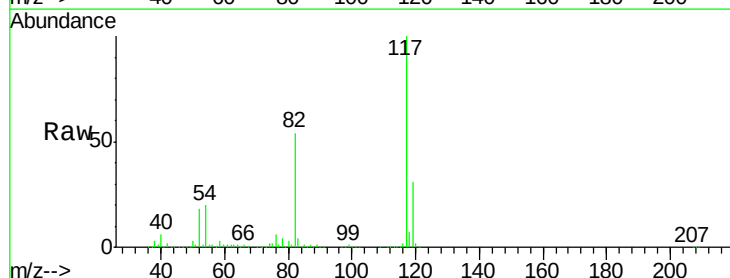
Tgt Ion: 117 Resp: 457804

Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

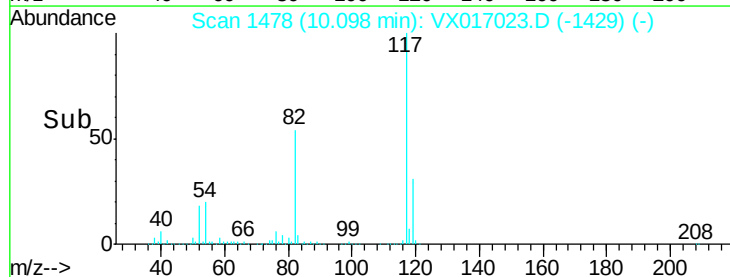
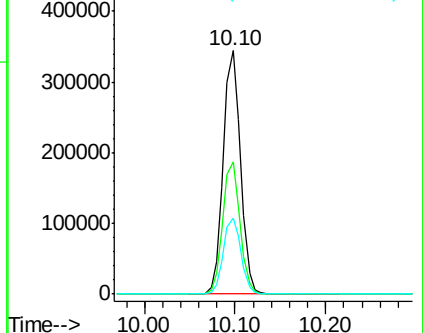
119 31.0 25.4 38.2

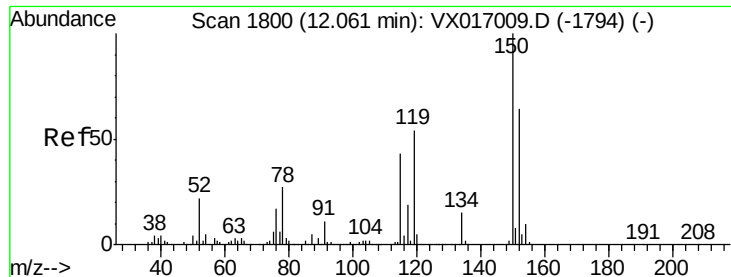


Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017023.D

Acq: 29 Jun 2020 21:34

Instrument :

MSVOA_X

ClientSampleId :

200624027-01-TRIP-BLANK

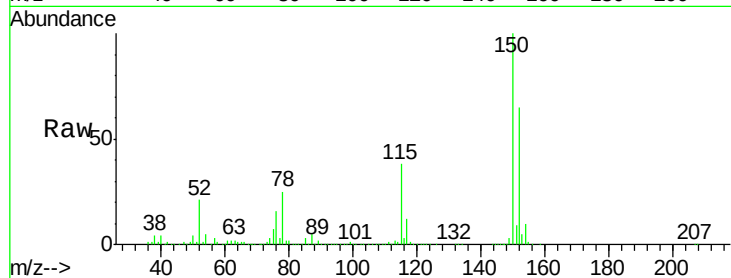
Tot Ion:152 Resp: 245173

Ion Ratio Lower Upper

152 100

115 57.7 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

