

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017017.D
 Acq On : 29 Jun 2020 19:17
 Operator : JC/SP
 Sample : L3094-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2020-06-22-TB03

Quant Time: Jun 30 09:55:56 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

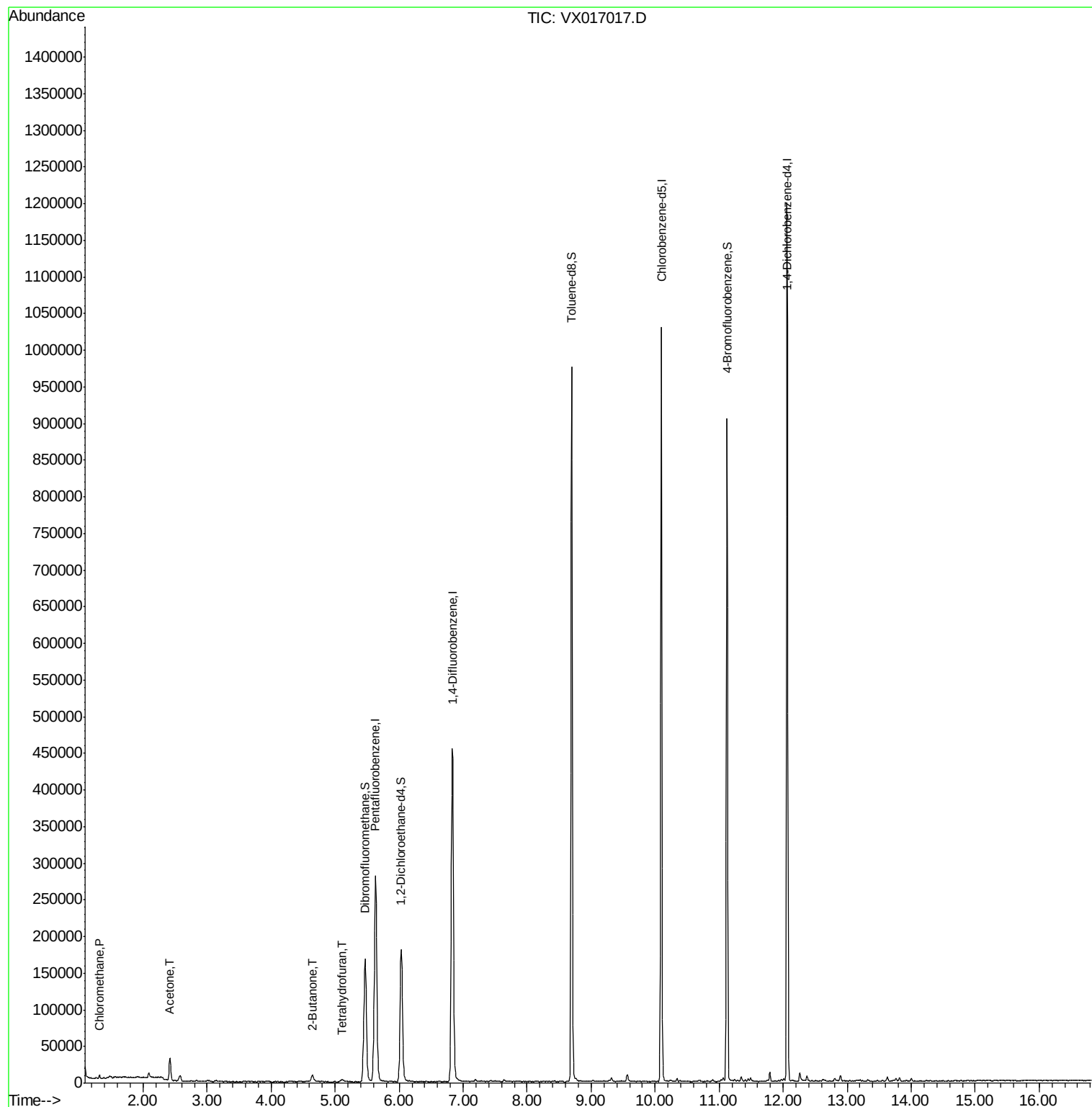
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	267439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	465902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	173440	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	5.46	113	148338	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.70	98	565190	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.12	95	235650	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
Target Compounds						
3) Chloromethane	1.32	50	3422	1.093	ug/l	92
16) Acetone	2.42	43	33220	26.934	ug/l	96
25) 2-Butanone	4.65	43	15282	7.436	ug/l	90
29) Tetrahydrofuran	5.10	42	3323	2.447	ug/l	90

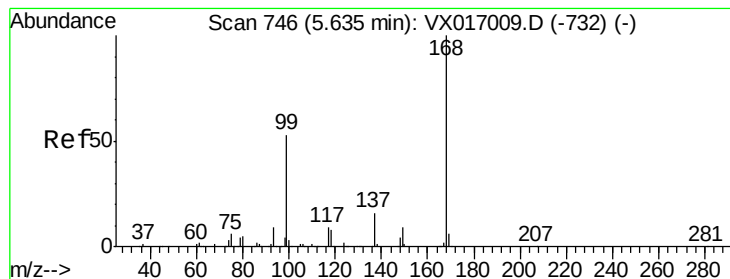
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017017.D

Acq: 29 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

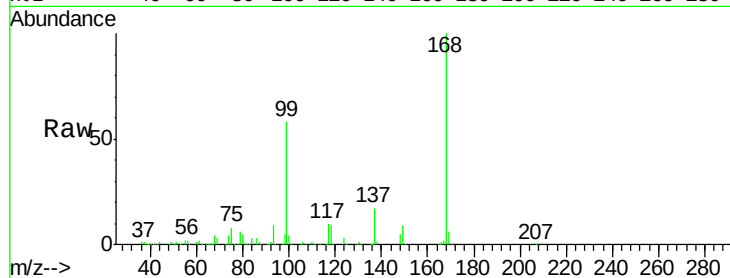
2020-06-22-TB03

Tot Ion:168 Resp: 267439

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

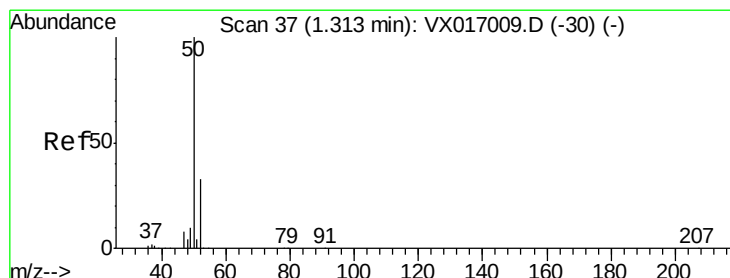
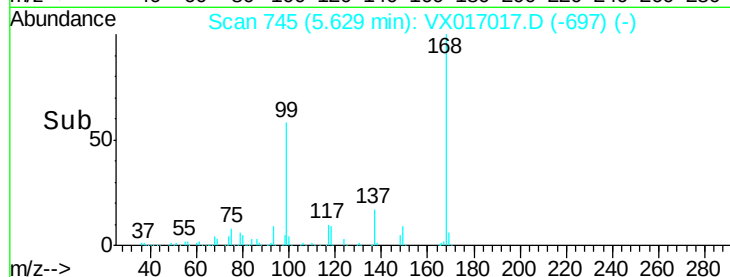
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.093 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017017.D

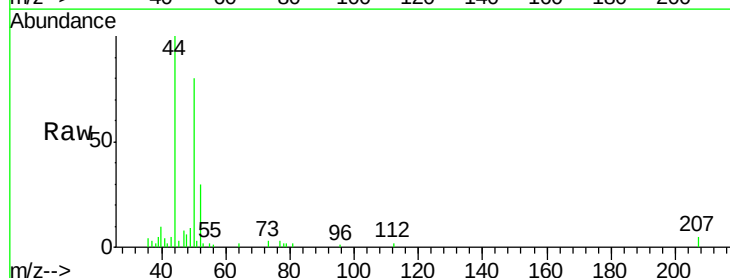
Acq: 29 Jun 2020 19:17

Tgt Ion: 50 Resp: 3422

Ion Ratio Lower Upper

50 100

52 37.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

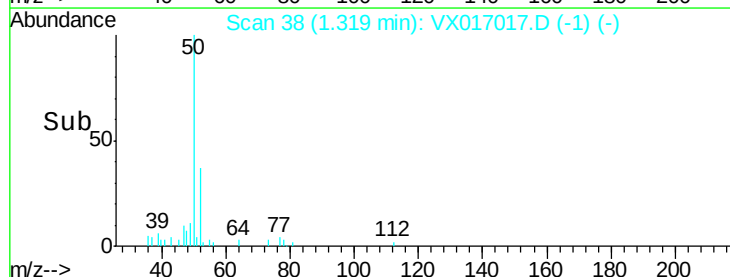
3000

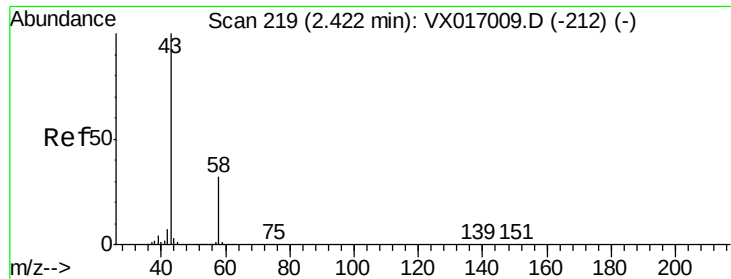
2000

1000

0

Time-->





#16

Acetone

Concen: 26.934 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017017.D

Acq: 29 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

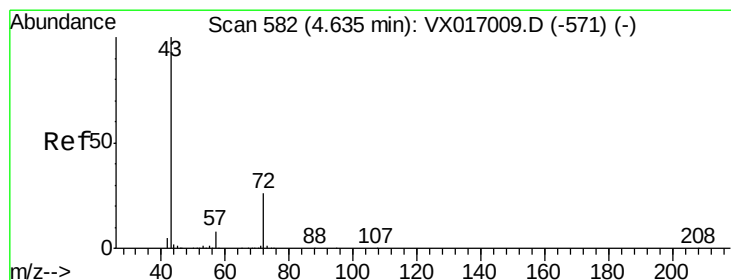
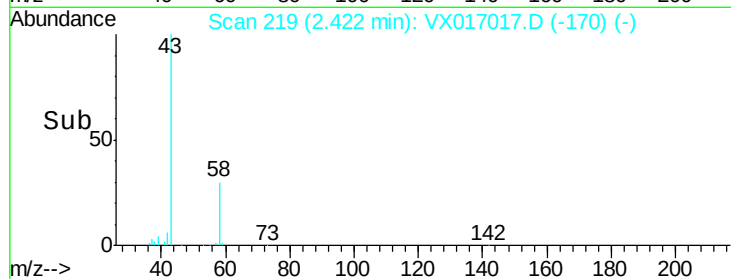
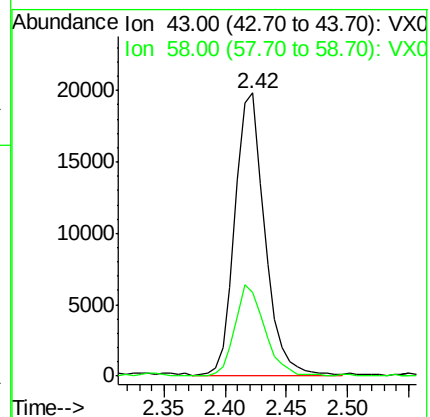
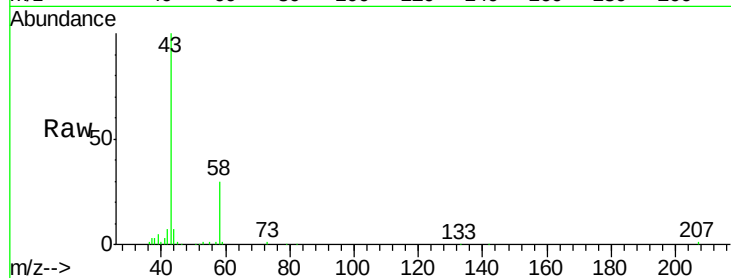
2020-06-22-TB03

Tot Ion: 43 Resp: 33220

Ion Ratio Lower Upper

43 100

58 29.8 25.7 38.5



#25

2-Butanone

Concen: 7.436 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017017.D

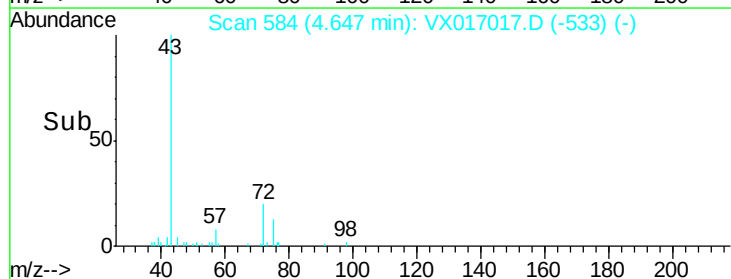
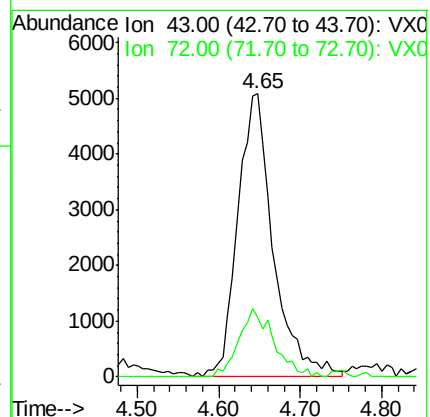
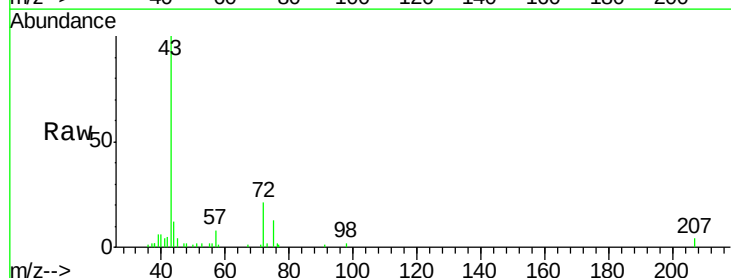
Acq: 29 Jun 2020 19:17

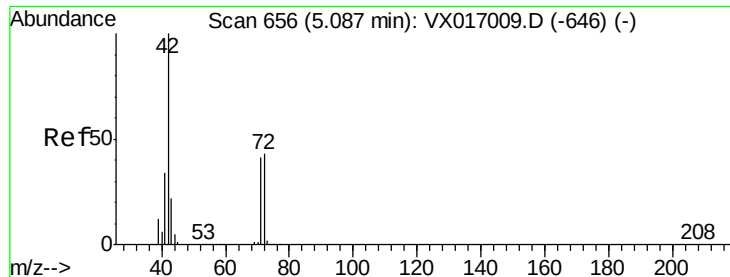
Tgt Ion: 43 Resp: 15282

Ion Ratio Lower Upper

43 100

72 20.8 20.8 31.2

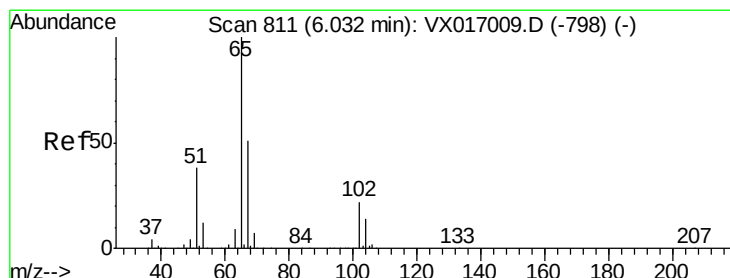
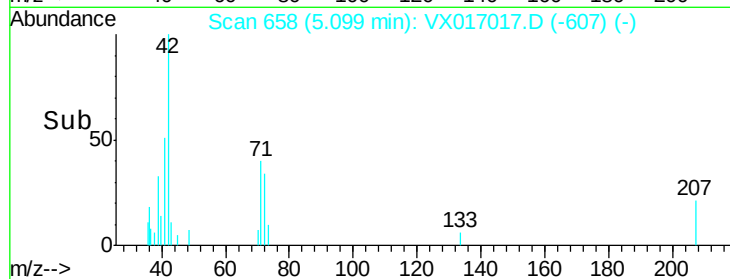
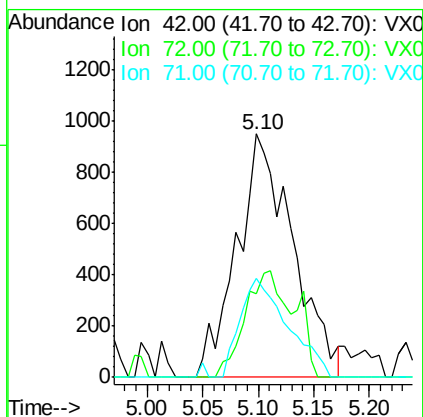
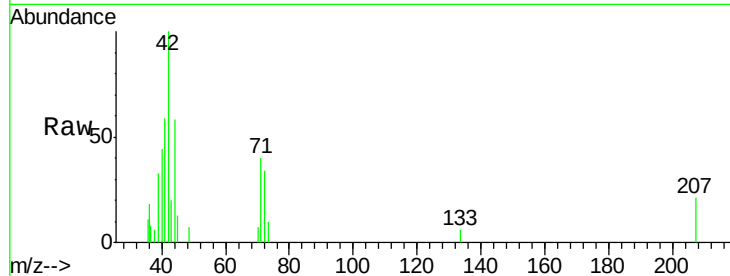




#29
Tetrahydrofuran
Concen: 2.447 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017017.D
Acq: 29 Jun 2020 19:17

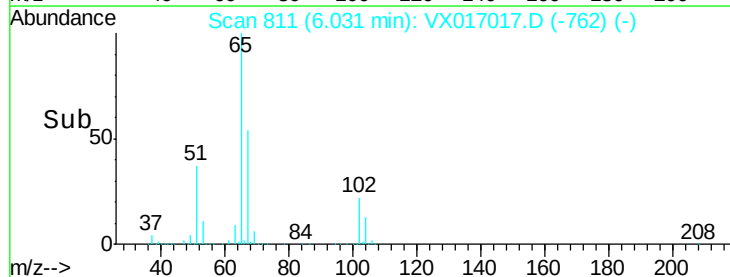
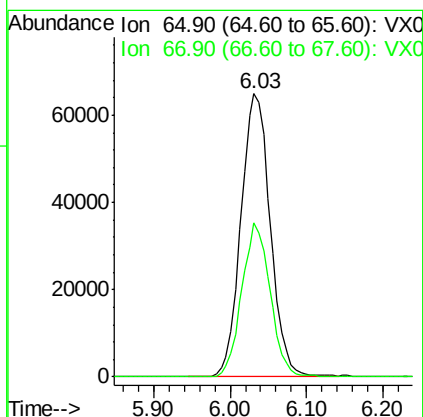
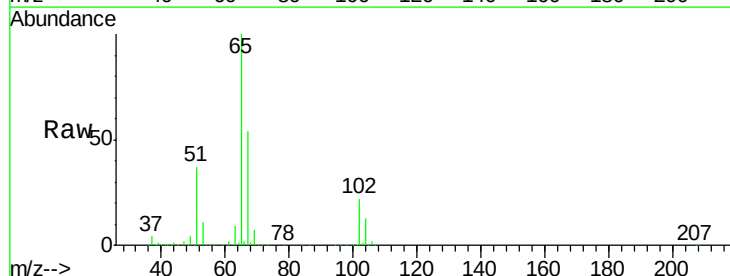
Instrument :
MSVOA_X
ClientSampleId :
2020-06-22-TB03

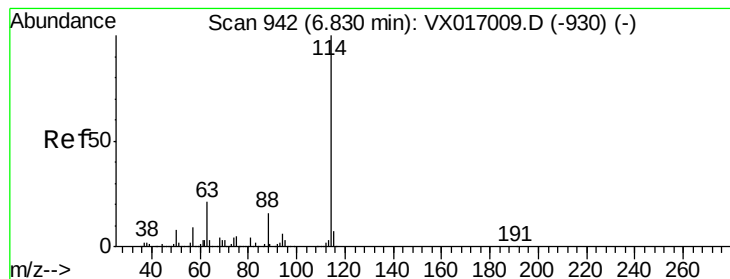
Tot Ion: 42 Resp: 3323
Ion Ratio Lower Upper
42 100
72 38.3 35.3 52.9
71 34.7 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 52.606 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017017.D
Acq: 29 Jun 2020 19:17

Tgt Ion: 65 Resp: 173440
Ion Ratio Lower Upper
65 100
67 52.7 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: VX017017.D

Acq: 29 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

2020-06-22-TB03

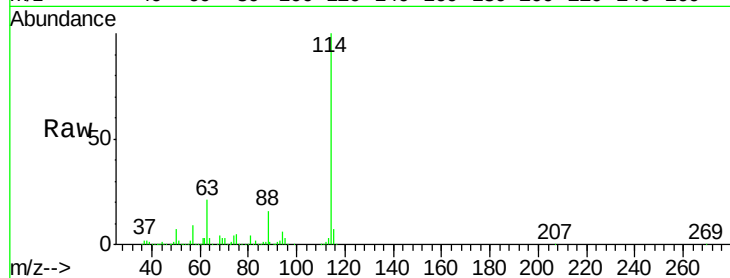
Tot Ion:114 Resp: 465902

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

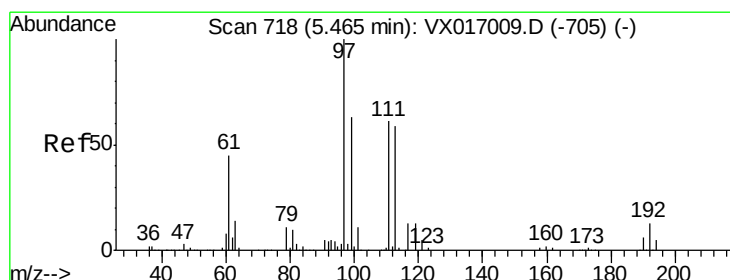
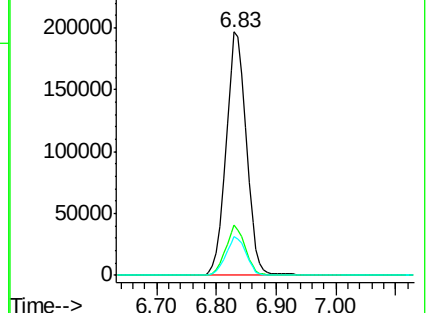
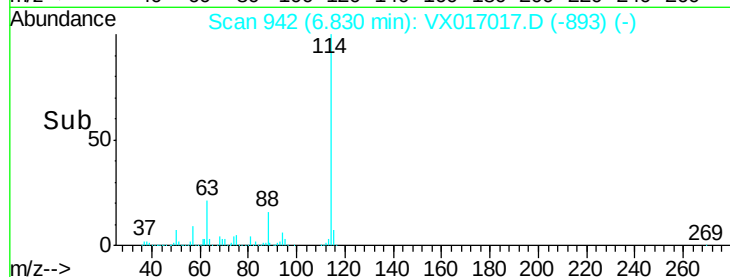
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.333 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017017.D

Acq: 29 Jun 2020 19:17

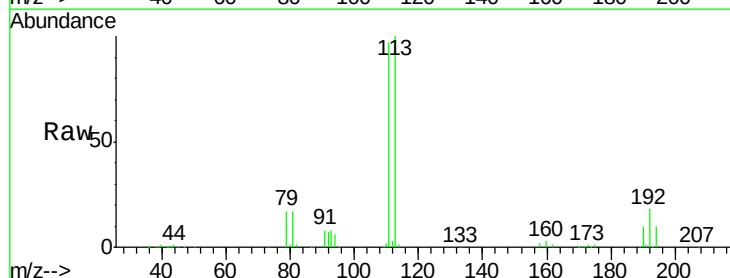
Tgt Ion:113 Resp: 148338

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

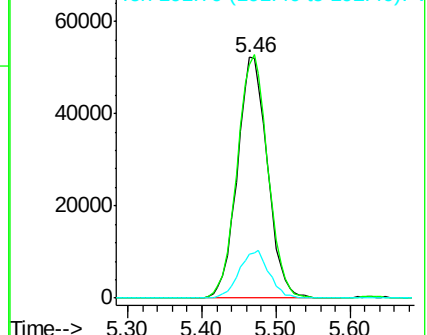
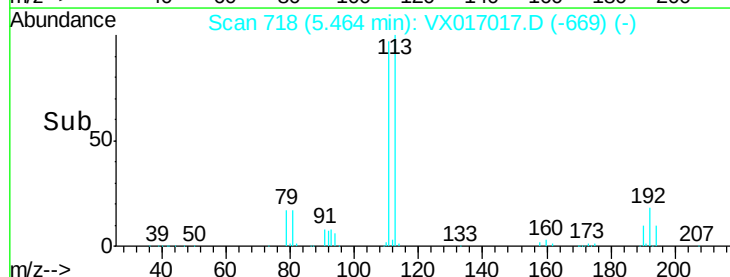
192 19.7 16.7 25.1

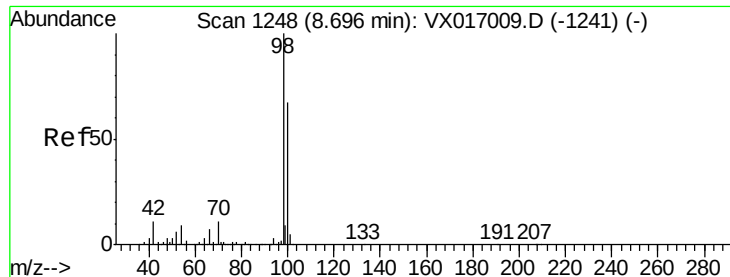


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.862 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017017.D

Acq: 29 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

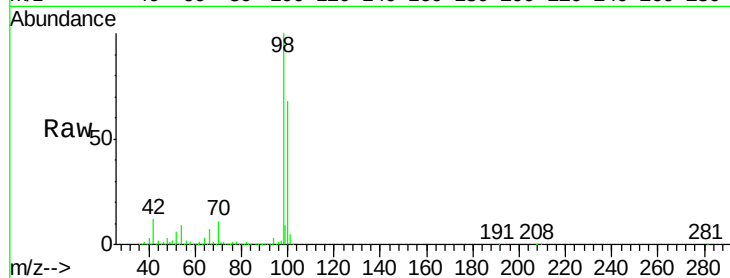
2020-06-22-TB03

Tot Ion: 98 Resp: 565190

Ion Ratio Lower Upper

98 100

100 66.6 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

400000

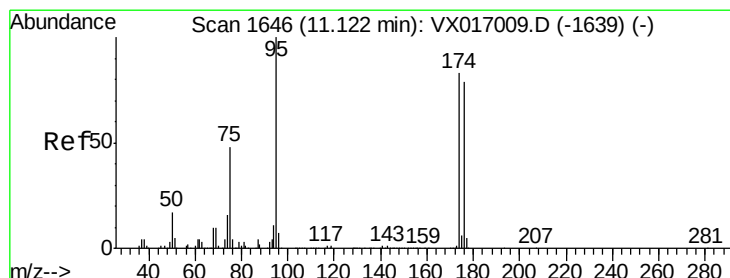
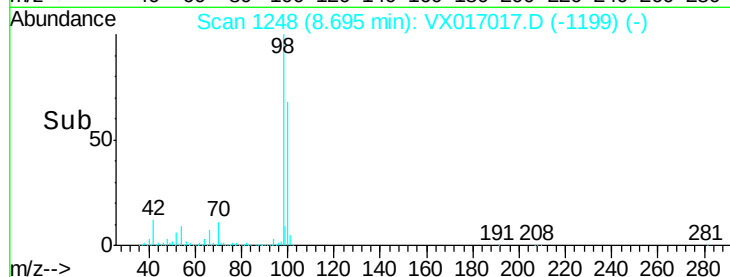
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 55.315 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017017.D

Acq: 29 Jun 2020 19:17

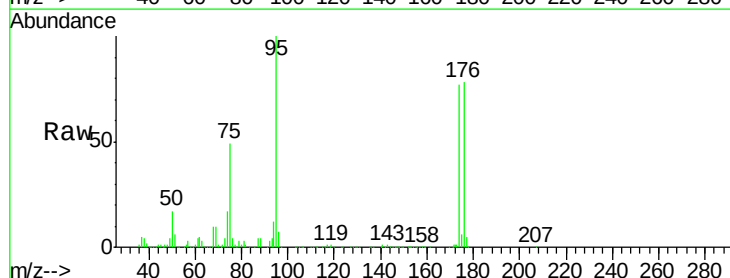
Tgt Ion: 95 Resp: 235650

Ion Ratio Lower Upper

95 100

174 77.7 0.0 164.0

176 76.3 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

250000

200000

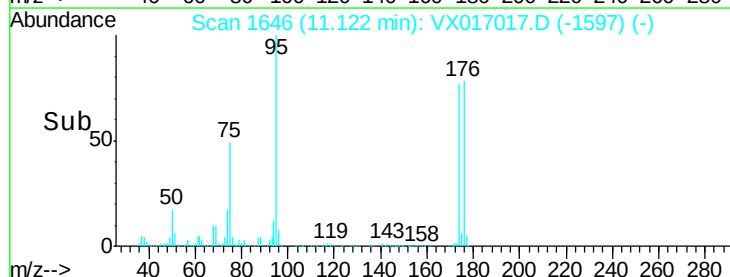
150000

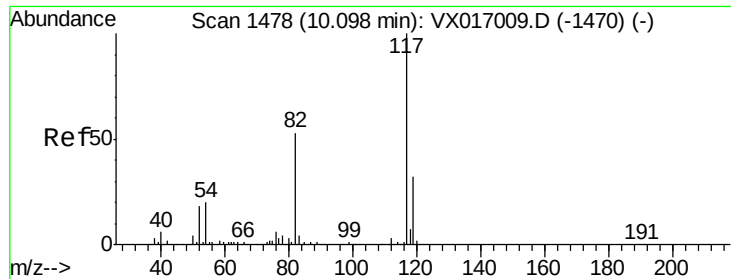
100000

50000

0

Time--> 11.00 11.10 11.20

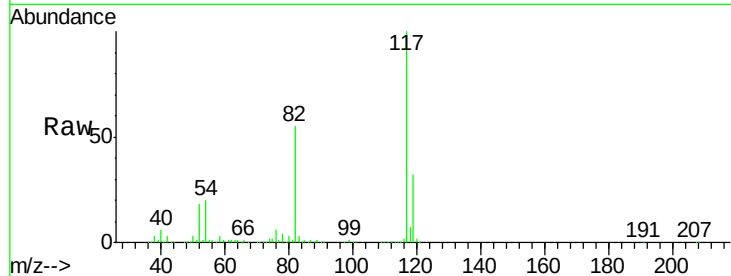




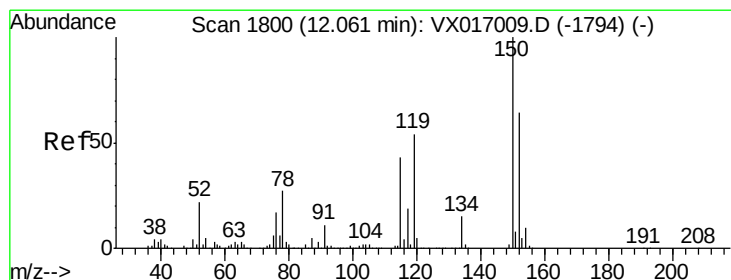
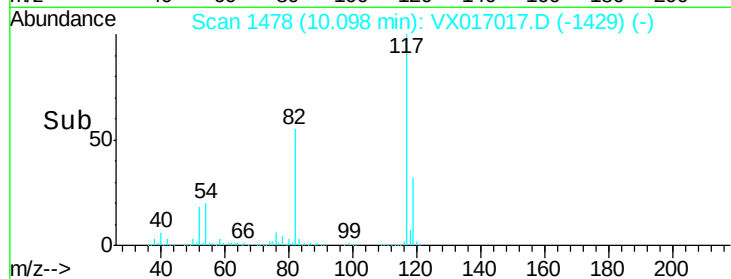
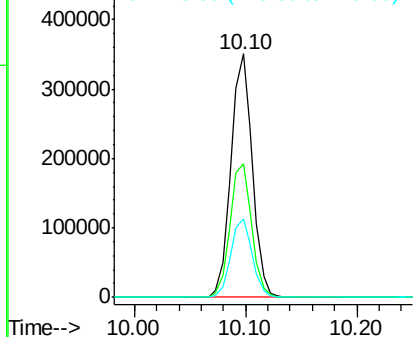
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017017.D
Acq: 29 Jun 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
2020-06-22-TB03

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.6	63.8
119	32.5	25.4	38.2

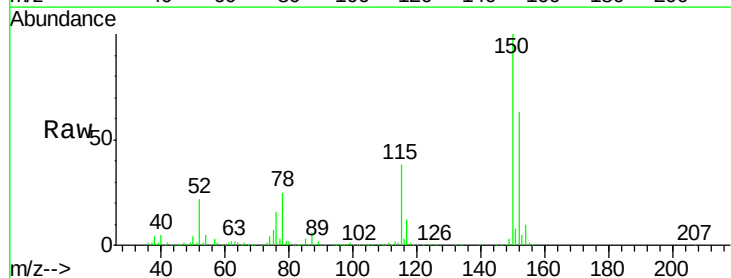


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017017.D
Acq: 29 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	40.9	122.7
150	157.5	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

