

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017019.D
 Acq On : 29 Jun 2020 20:03
 Operator : JC/SP
 Sample : L3112-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16BR-20200624

Quant Time: Jun 30 06:11:35 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

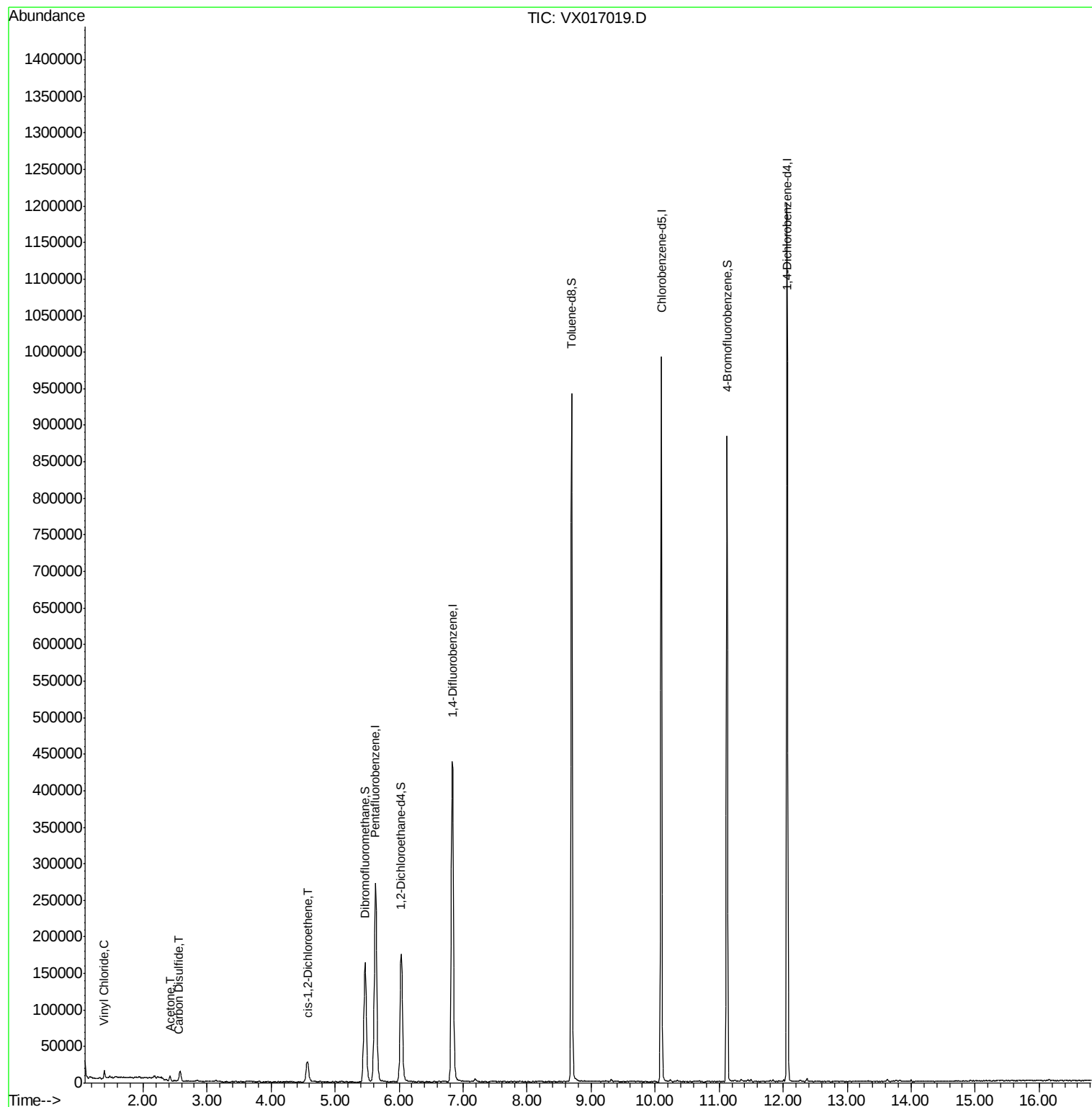
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167489	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	5.47	113	142932	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	8.70	98	546286	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.12	95	228829	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
Target Compounds						
4) Vinyl Chloride	1.39	62	6693	2.399	ug/l	95
16) Acetone	2.42	43	5701	4.815	ug/l	95
17) Carbon Disulfide	2.55	76	2050	0.312	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	19240	6.023	ug/l	88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017019.D

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ClientSampleId :

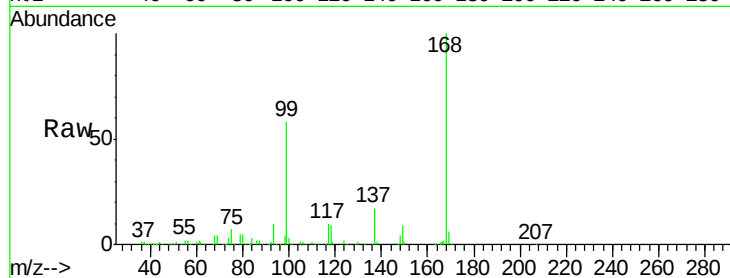
16BR-20200624

Tot Ion:168 Resp: 256759

Ion Ratio Lower Upper

168 100

99 58.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

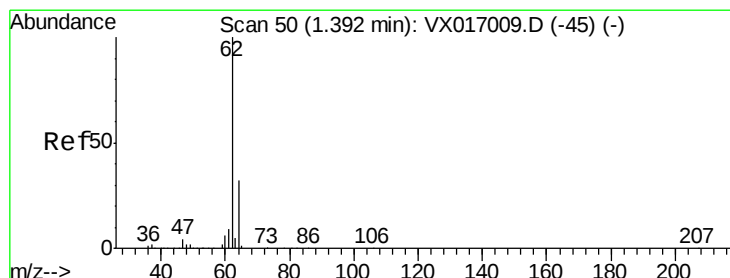
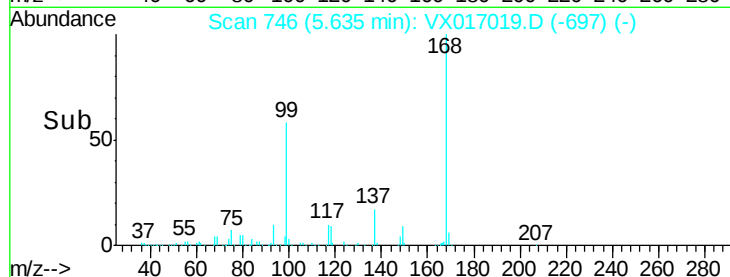
40000

20000

0

Time-->

5.50 5.60 5.70



#4

Vinyl Chloride

Concen: 2.399 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017019.D

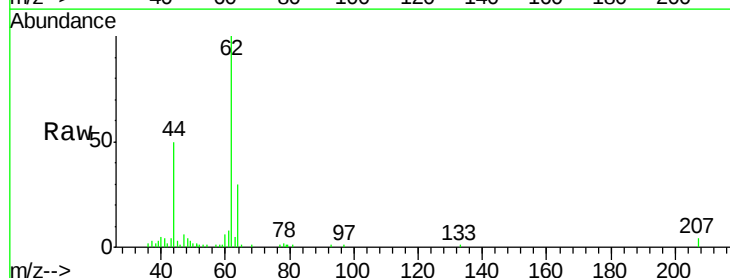
Acq: 29 Jun 2020 20:03

Tgt Ion: 62 Resp: 6693

Ion Ratio Lower Upper

62 100

64 29.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

6000

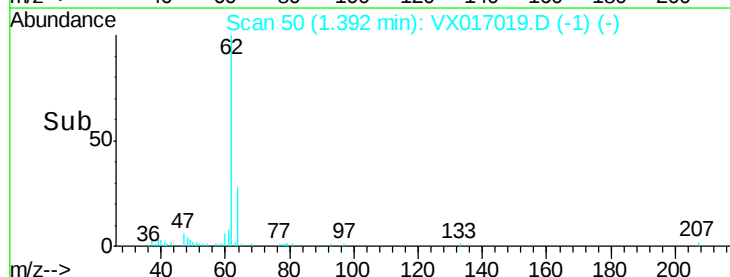
4000

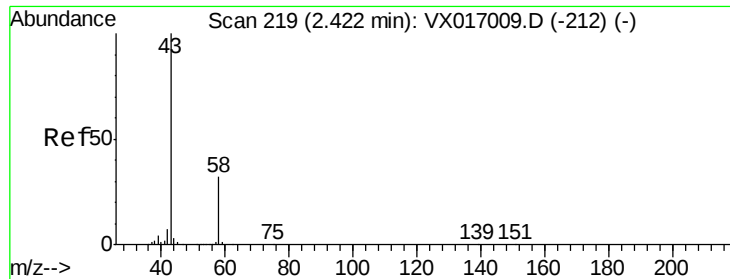
2000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 4.815 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017019.D

Acq: 29 Jun 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

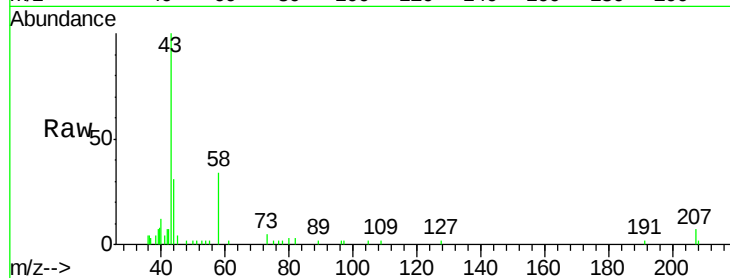
16BR-20200624

Tot Ion: 43 Resp: 5701

Ion Ratio Lower Upper

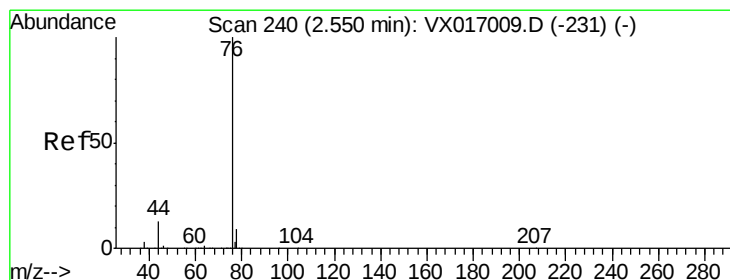
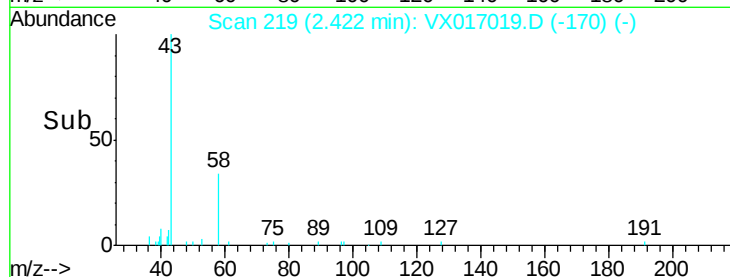
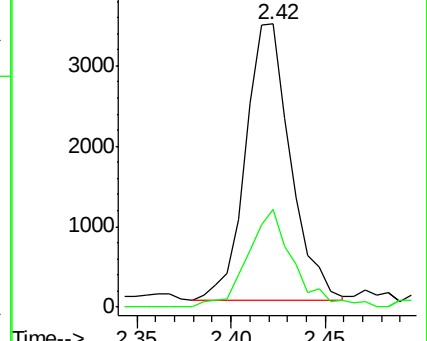
43 100

58 35.2 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.312 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017019.D

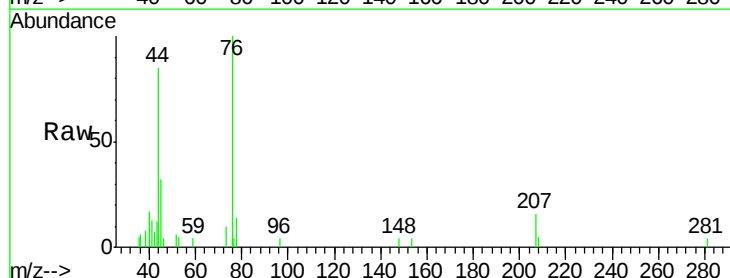
Acq: 29 Jun 2020 20:03

Tgt Ion: 76 Resp: 2050

Ion Ratio Lower Upper

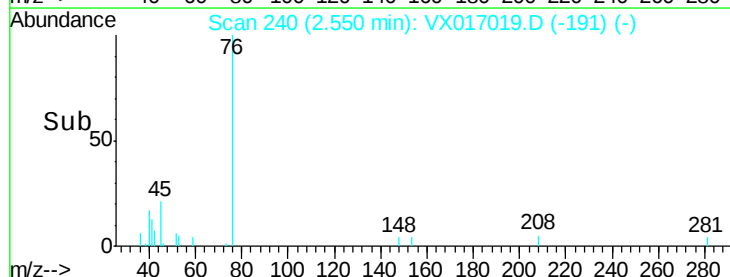
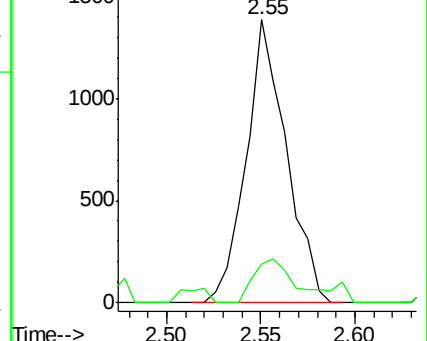
76 100

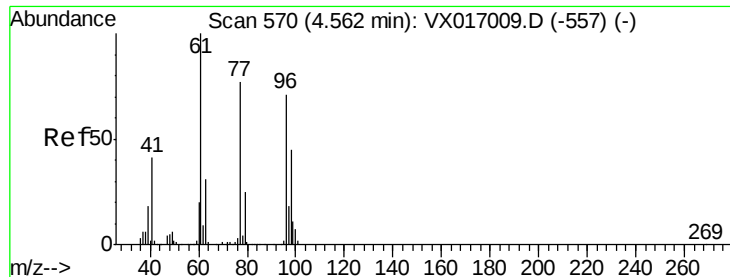
78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



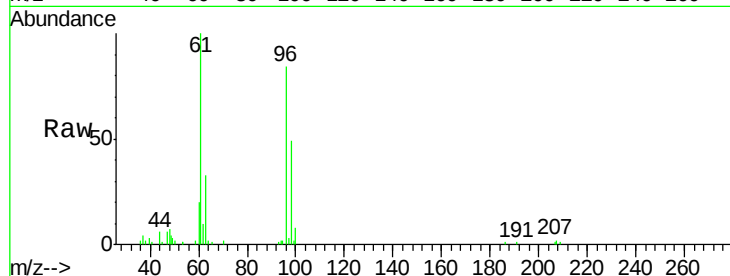


#27

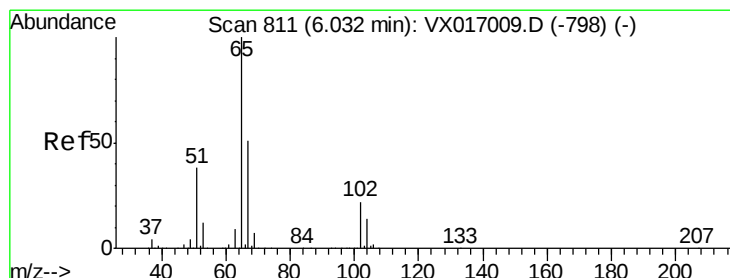
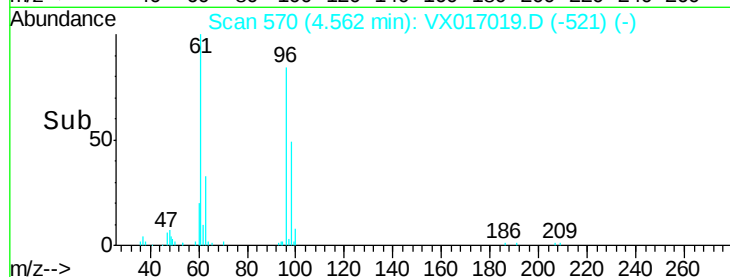
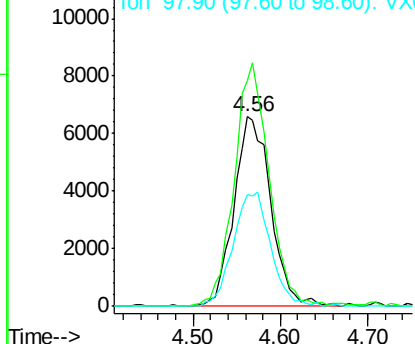
cis-1,2-Dichloroethene
Concen: 6.023 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017019.D
Acq: 29 Jun 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :
16BR-20200624

Tot Ion	96	Resp	19240
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	282.8
98	61.1	0.0	127.6



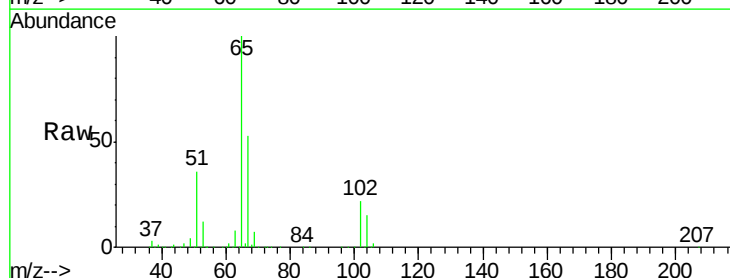
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



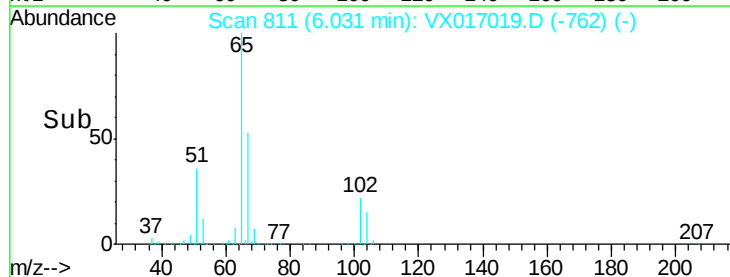
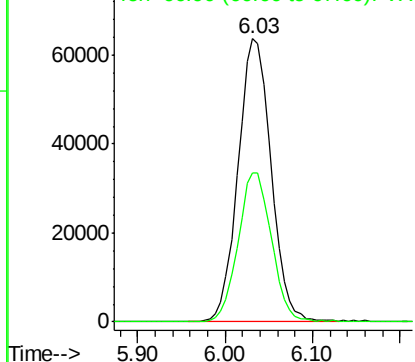
#33

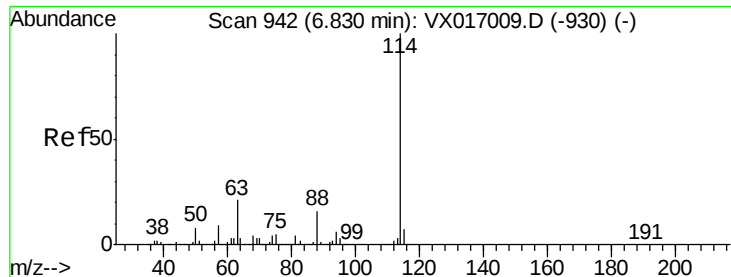
1,2-Dichloroethane-d4
Concen: 52.914 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017019.D
Acq: 29 Jun 2020 20:03

Tgt Ion	65	Resp	167489
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017019.D

Acq: 29 Jun 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

16BR-20200624

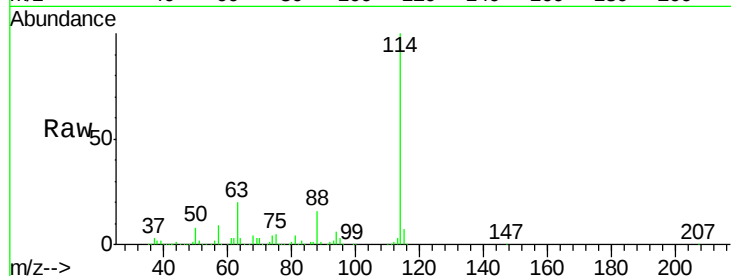
Tot Ion:114 Resp: 449478

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 16.3 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

250000

200000

150000

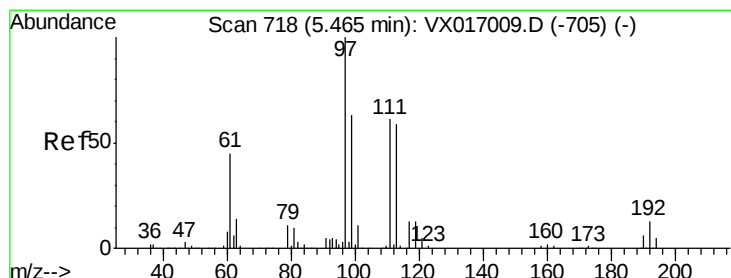
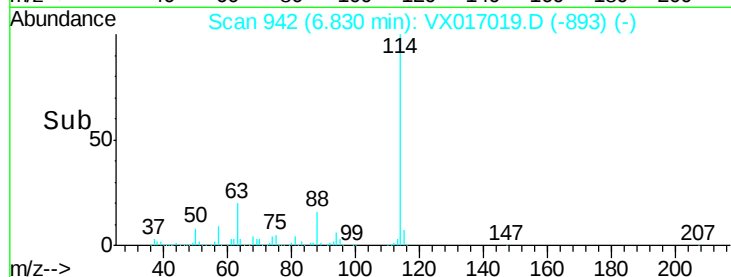
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 50.270 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017019.D

Acq: 29 Jun 2020 20:03

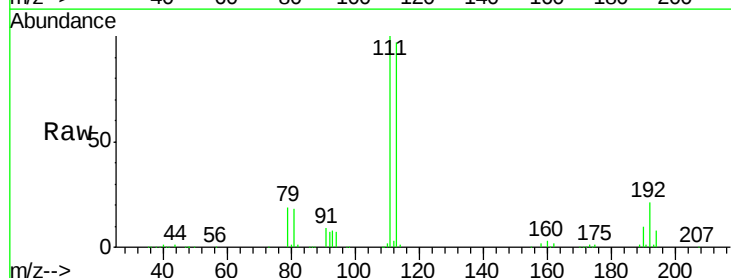
Tgt Ion:113 Resp: 142932

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 20.3 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

60000

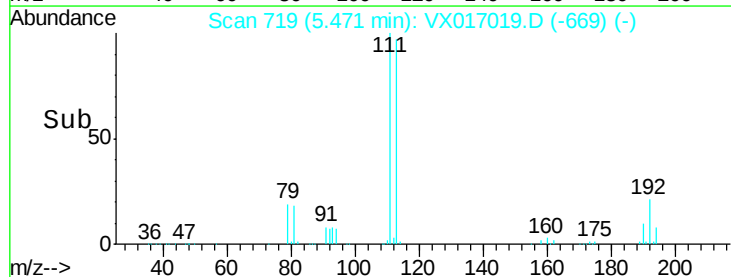
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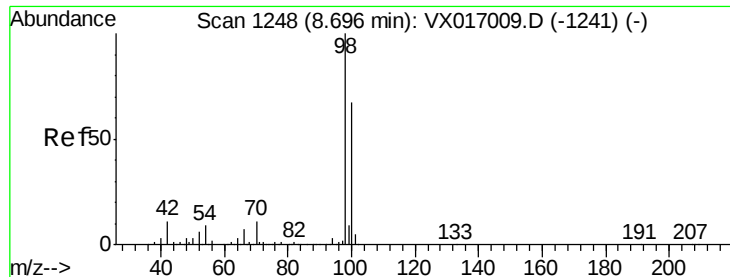
20000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.959 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017019.D

Acq: 29 Jun 2020 20:03

Instrument :

MSVOA_X

ClientSampleId :

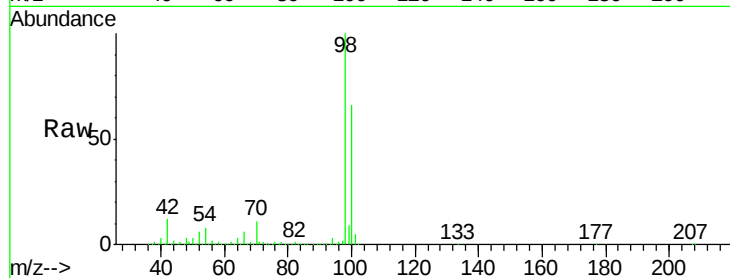
16BR-20200624

Tot Ion: 98 Resp: 546286

Ion Ratio Lower Upper

98 100

100 66.5 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

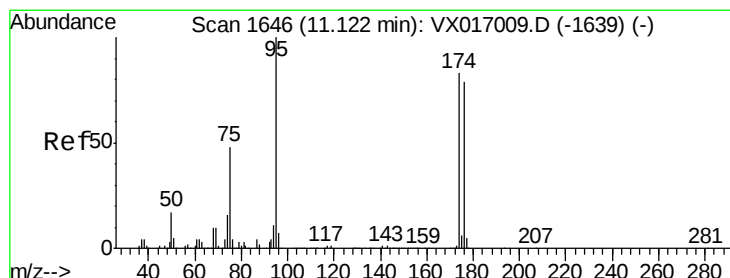
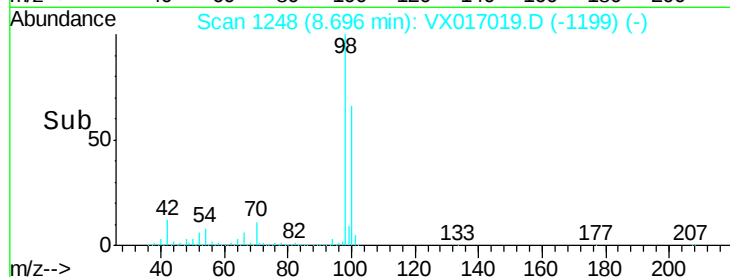
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 55.676 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017019.D

Acq: 29 Jun 2020 20:03

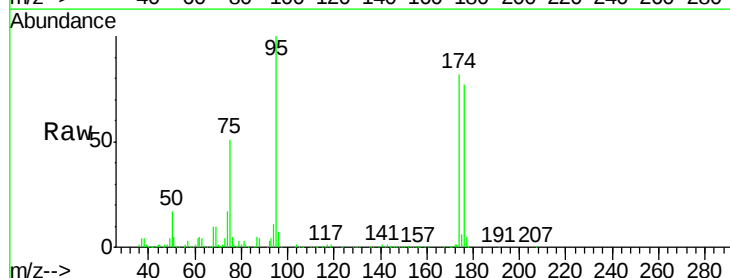
Tgt Ion: 95 Resp: 228829

Ion Ratio Lower Upper

95 100

174 79.1 0.0 164.0

176 77.0 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

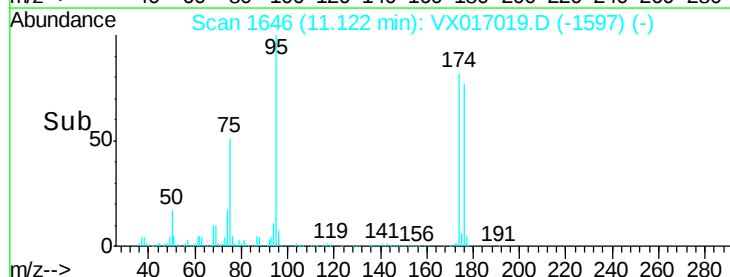
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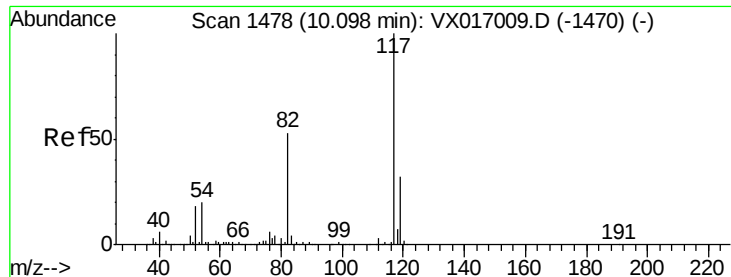
50000

0

11.05 11.10 11.15 11.20

Time-->

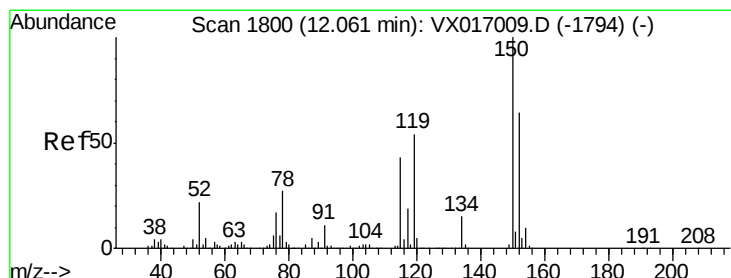
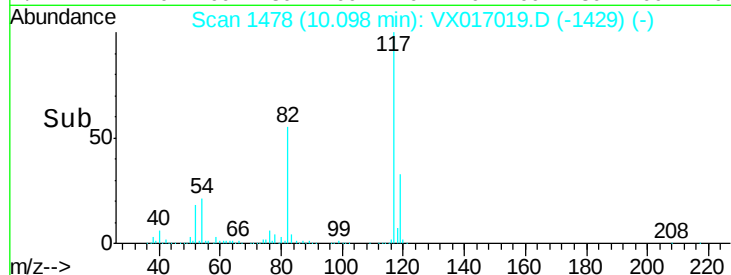
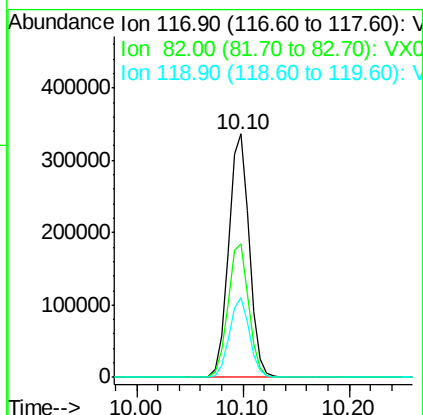
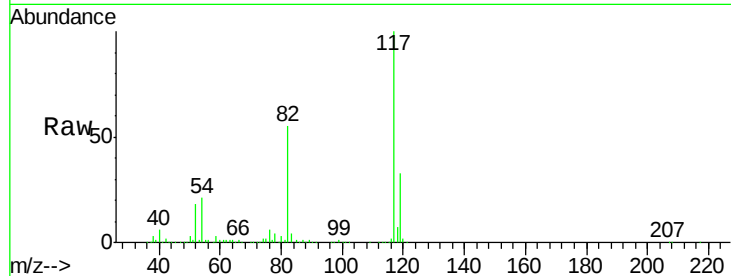




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017019.D
Acq: 29 Jun 2020 20:03

Instrument :
MSVOA_X
ClientSampleId :
16BR-20200624

Tot Ion:117 Resp: 455161
Ion Ratio Lower Upper
117 100
82 54.7 42.6 63.8
119 33.0 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: VX017019.D
Acq: 29 Jun 2020 20:03

Tgt Ion:152 Resp: 242544
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 153.2 0.0 351.6

