

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017178.D
 Acq On : 06 Jul 2020 19:04
 Operator : JC/SP
 Sample : L3159-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30BR-20200629

Quant Time: Jul 07 07:45:35 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

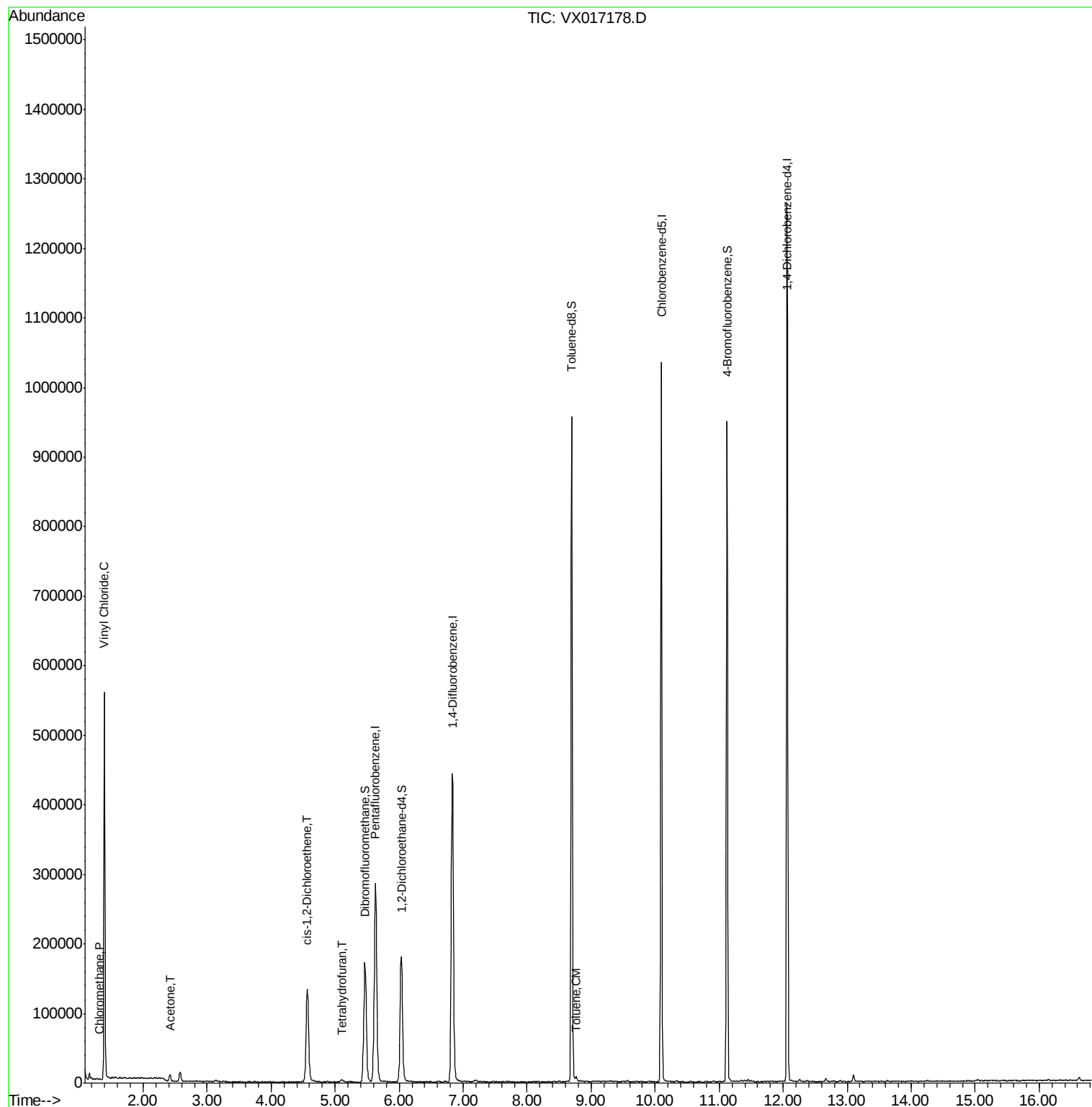
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	471626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	260665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	175841	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
35) Dibromofluoromethane	5.47	113	148790	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	8.70	98	553906	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.12	95	237368	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	1285	0.398	ug/l #	80
4) Vinyl Chloride	1.39	62	332597	110.974	ug/l	100
16) Acetone	2.42	43	9261	7.280	ug/l #	86
27) cis-1,2-Dichloroethene	4.56	96	86704	25.266	ug/l	89
29) Tetrahydrofuran	5.11	42	3150	2.249	ug/l #	83
52) Toluene	8.77	92	2201	0.278	ug/l	85

(#) = 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: VX017178.D

Acq: 06 Jul 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

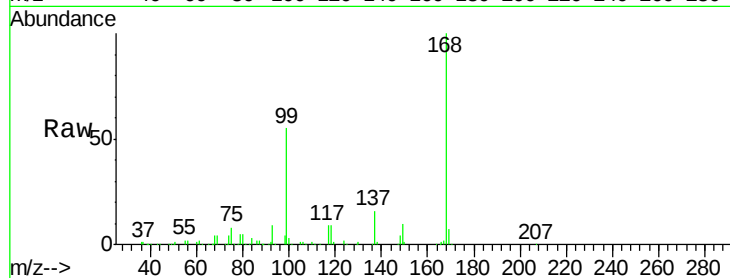
30BR-20200629

Tot Ion:168 Resp: 275848

Ion Ratio Lower Upper

168 100

99 54.8 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

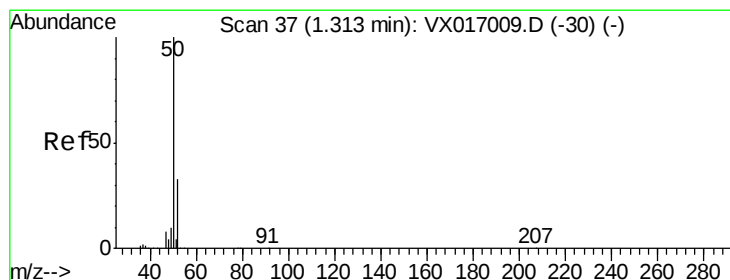
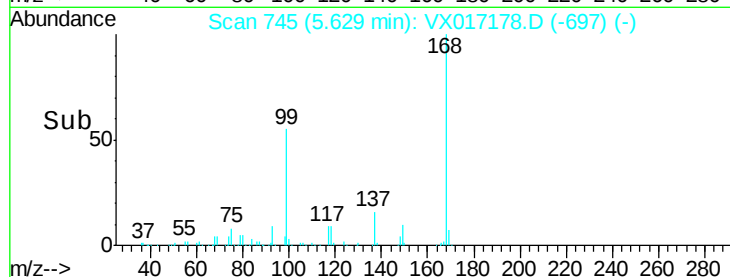
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.398 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017178.D

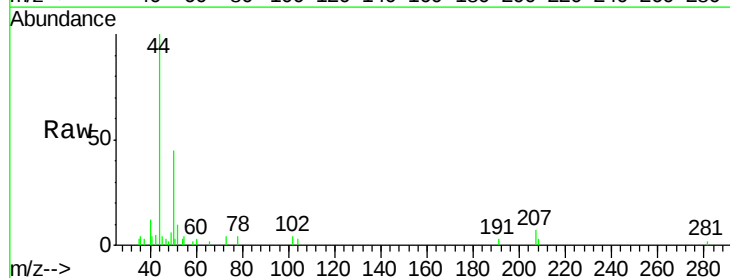
Acq: 06 Jul 2020 19:04

Tgt Ion: 50 Resp: 1285

Ion Ratio Lower Upper

50 100

52 21.1 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

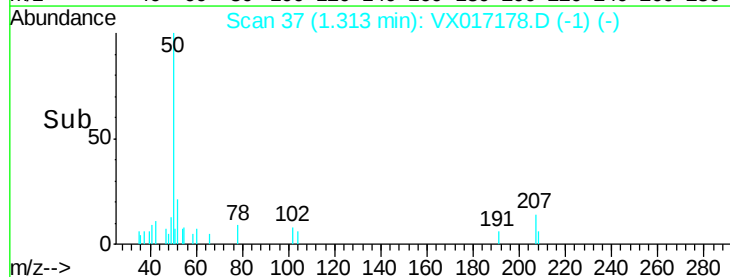
1.31

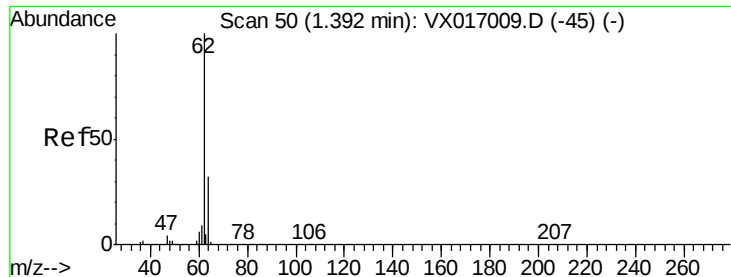
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 110.974 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017178.D

Acq: 06 Jul 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

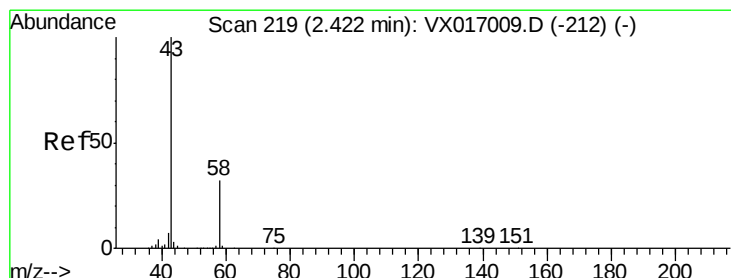
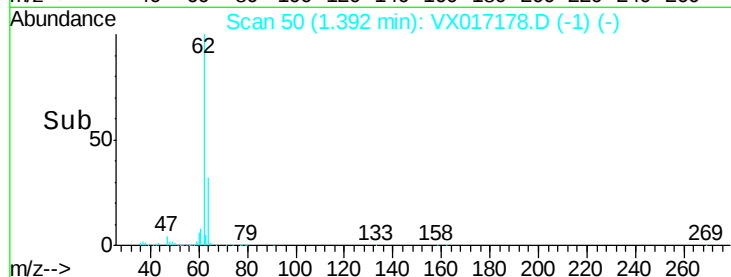
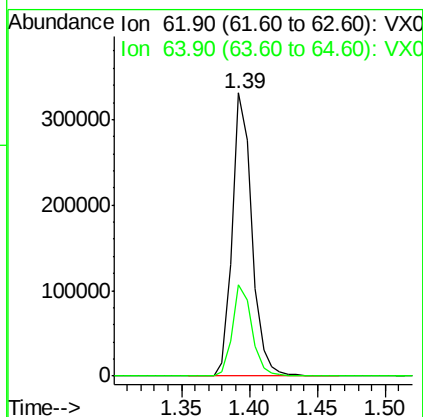
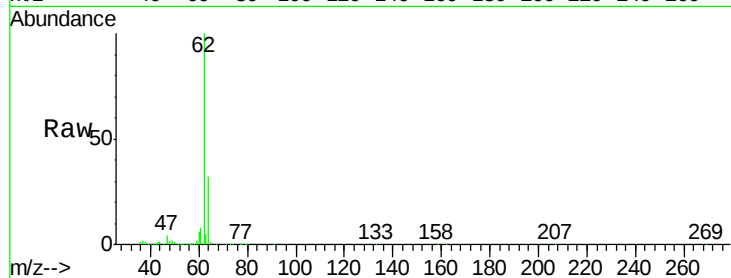
30BR-20200629

Tot Ion: 62 Resp: 332597

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9



#16

Acetone

Concen: 7.280 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017178.D

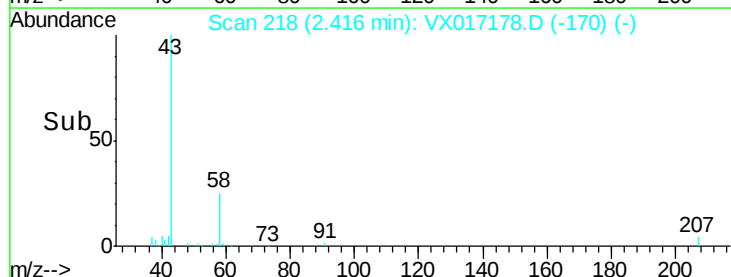
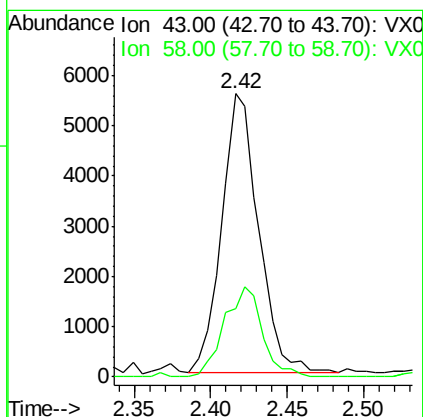
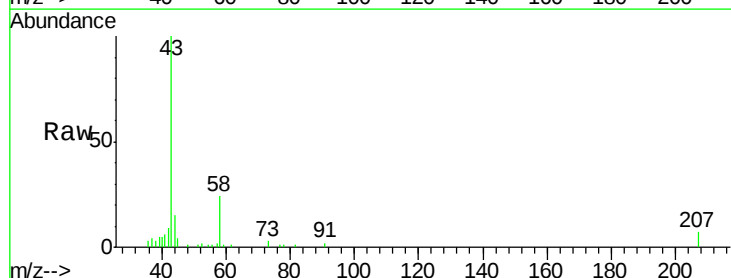
Acq: 06 Jul 2020 19:04

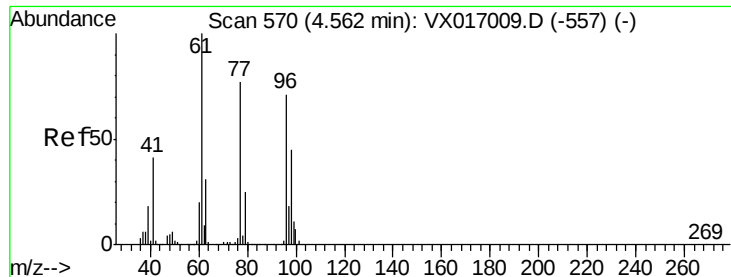
Tgt Ion: 43 Resp: 9261

Ion Ratio Lower Upper

43 100

58 24.5 25.7 38.5#



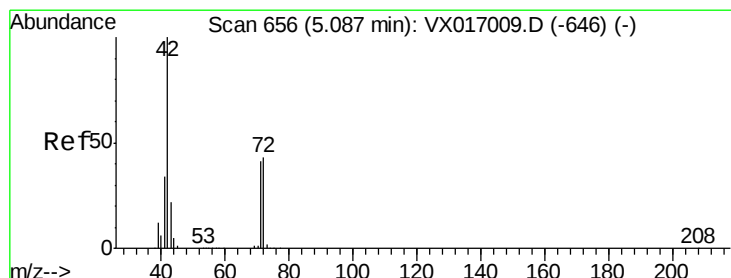
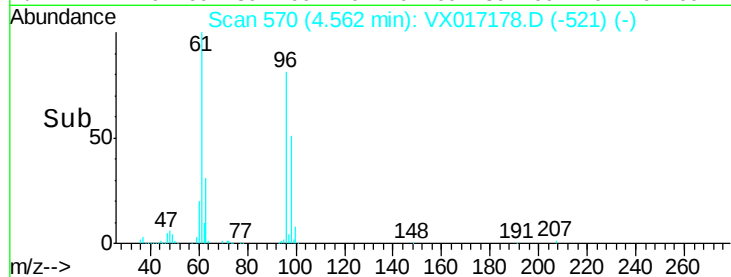
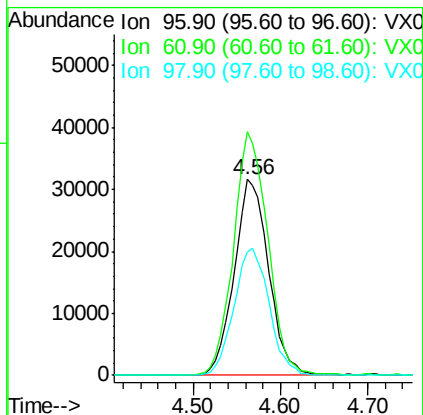
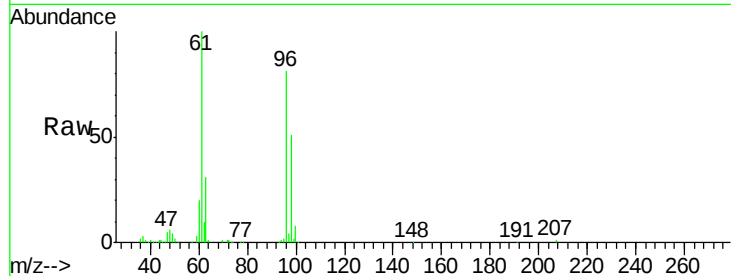


#27

cis-1,2-Dichloroethene
 Concen: 25.266 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017178.D
 Acq: 06 Jul 2020 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 30BR-20200629

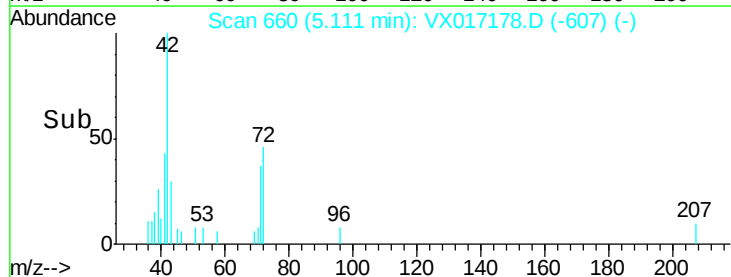
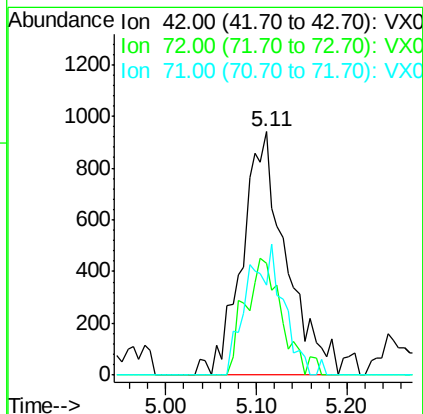
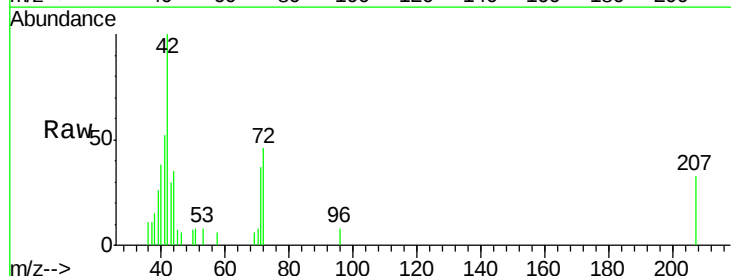
Tot Ion	96	Resp	86704
Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	282.8
98	66.1	0.0	127.6

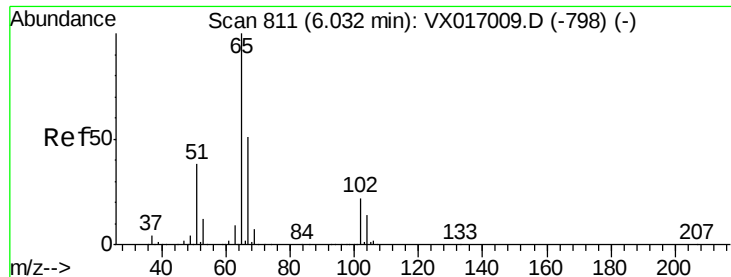


#29

Tetrahydrofuran
 Concen: 2.249 ug/l
 RT: 5.11 min Scan# 660
 Delta R.T. 0.02 min
 Lab File: VX017178.D
 Acq: 06 Jul 2020 19:04

Tgt Ion	42	Resp	3150
Ion	Ratio	Lower	Upper
42	100		
72	38.7	35.3	52.9
71	24.9	33.1	49.7#





#33

1,2-Dichloroethane-d4

Concen: 51.708 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017178.D

Acq: 06 Jul 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

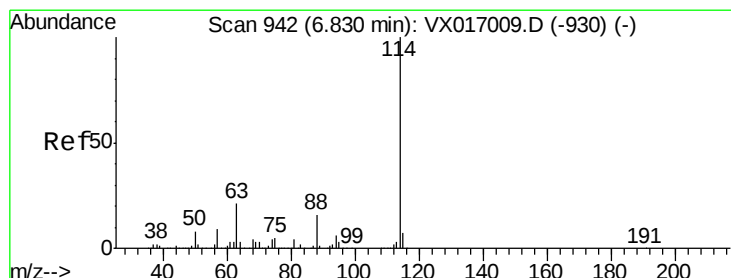
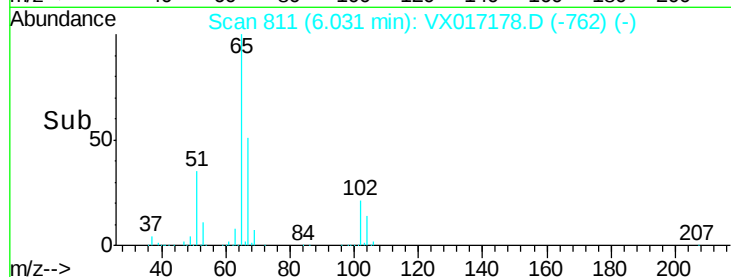
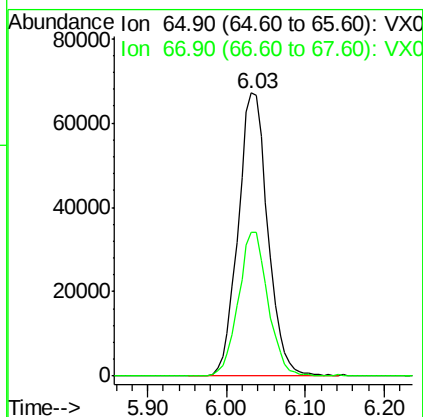
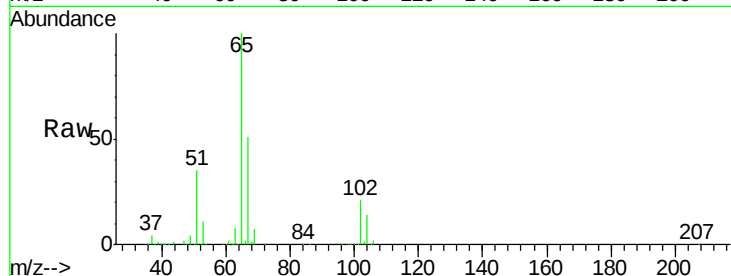
30BR-20200629

Tot Ion: 65 Resp: 175841

Ion Ratio Lower Upper

65 100

67 50.7 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: VX017178.D

Acq: 06 Jul 2020 19:04

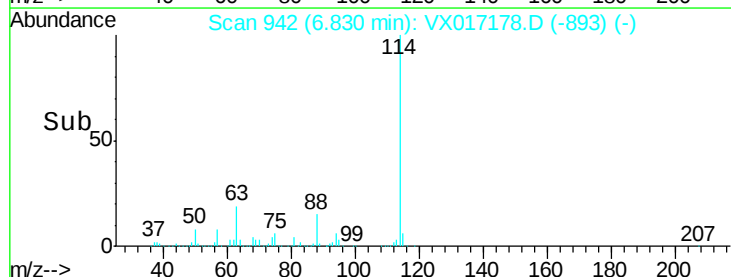
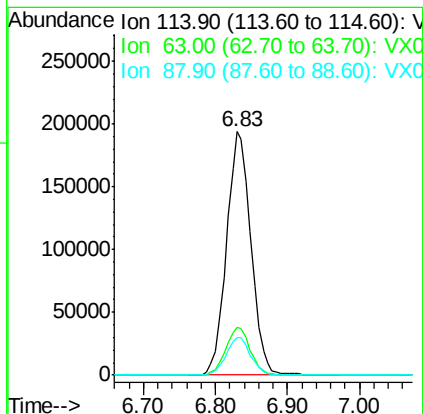
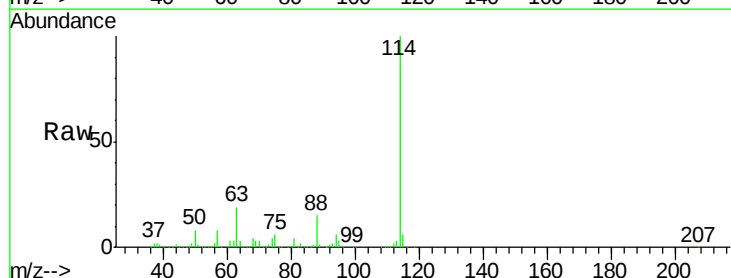
Tgt Ion: 114 Resp: 455958

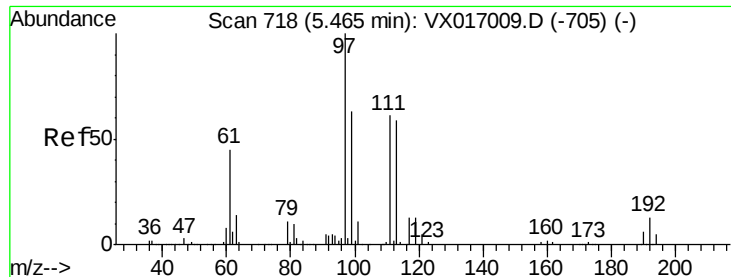
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.3 0.0 32.4

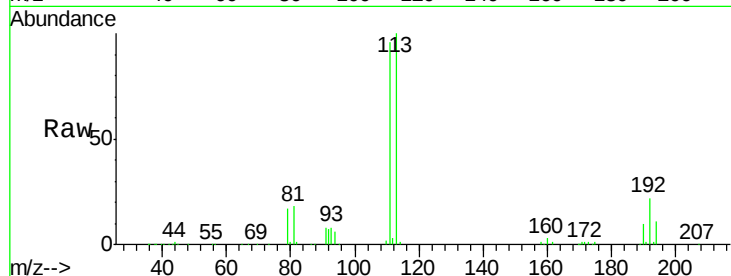




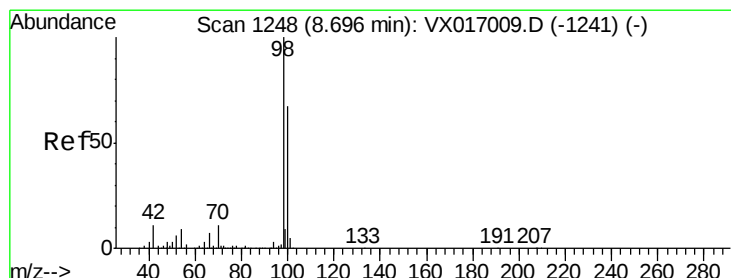
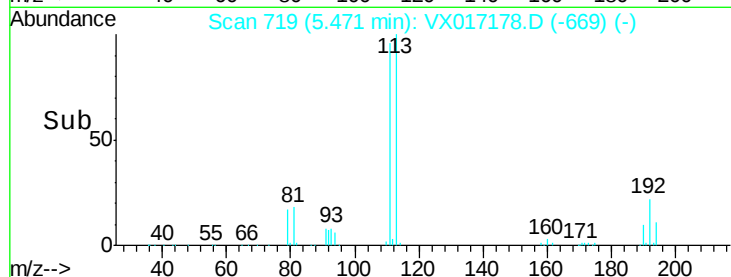
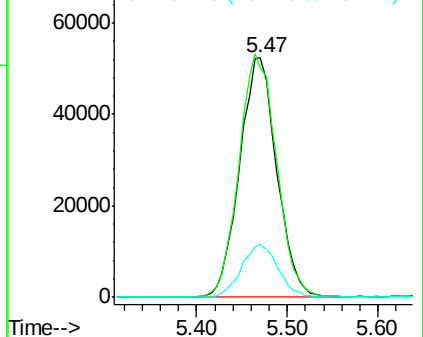
#35
 Dibromofluoromethane
 Concen: 51.587 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017178.D
 Acq: 06 Jul 2020 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 30BR-20200629

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	21.9	16.7	25.1

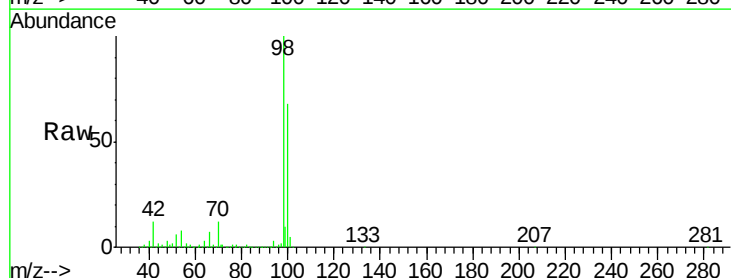


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

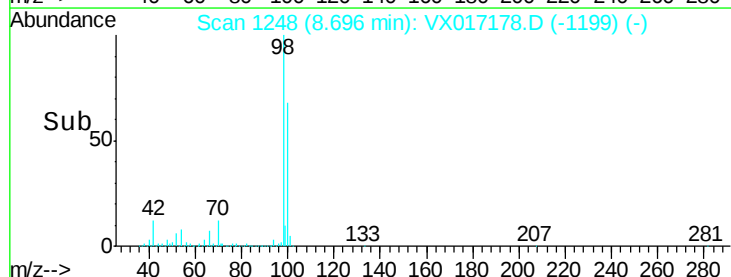
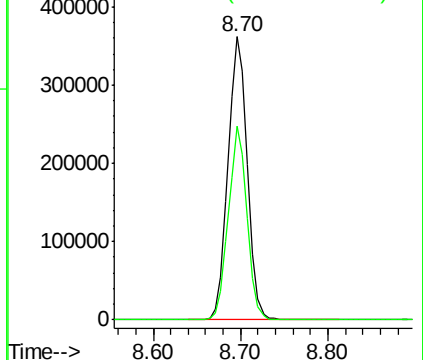


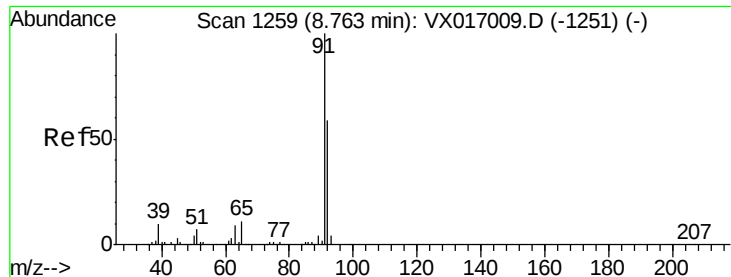
#50
 Toluene-d8
 Concen: 51.935 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017178.D
 Acq: 06 Jul 2020 19:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6



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





#52

Toluene

Concen: 0.278 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017178.D

Acq: 06 Jul 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

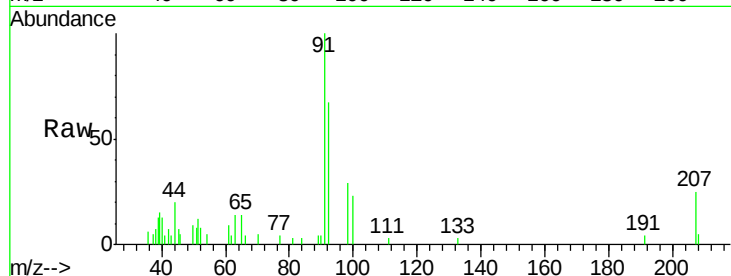
30BR-20200629

Tot Ion: 92 Resp: 2201

Ion Ratio Lower Upper

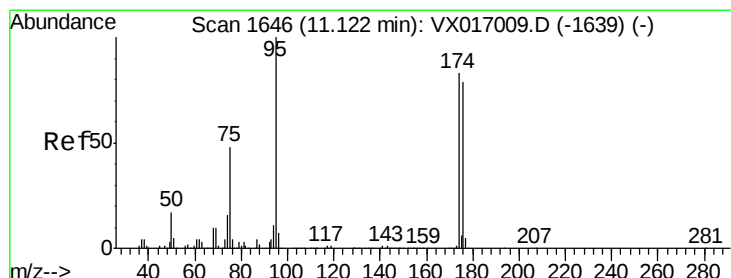
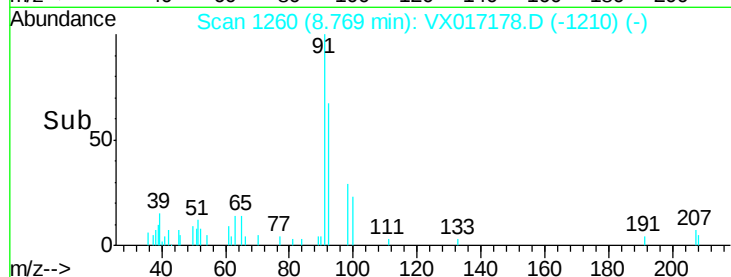
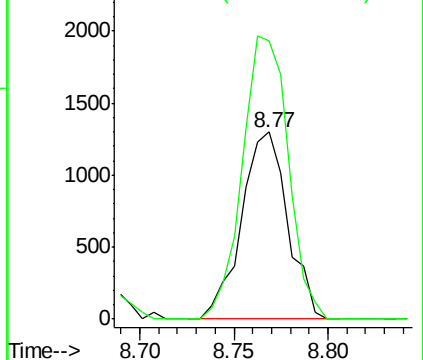
92 100

91 150.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.933 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017178.D

Acq: 06 Jul 2020 19:04

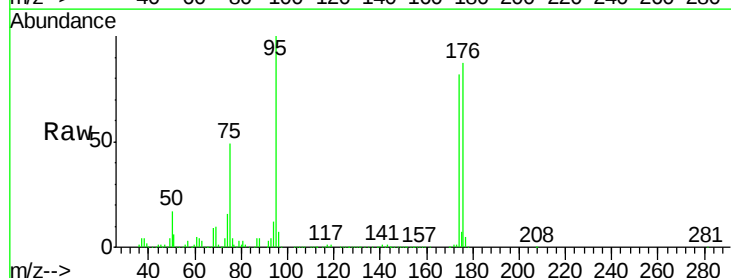
Tgt Ion: 95 Resp: 237368

Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.0

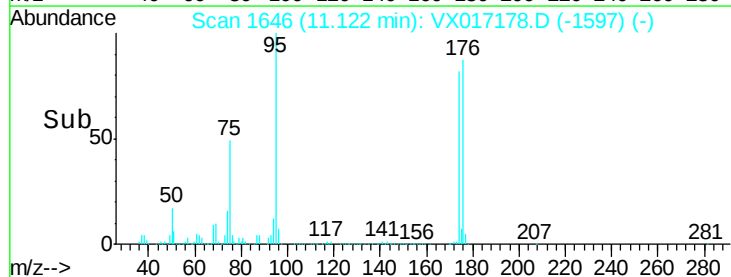
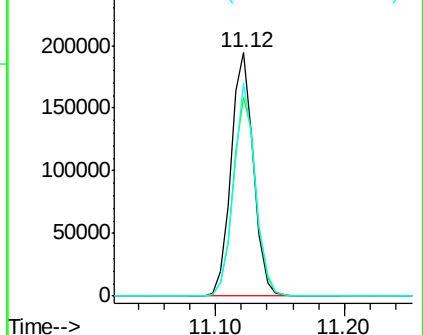
176 83.5 0.0 157.6

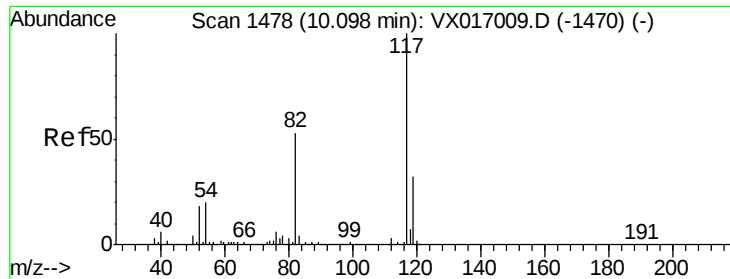


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

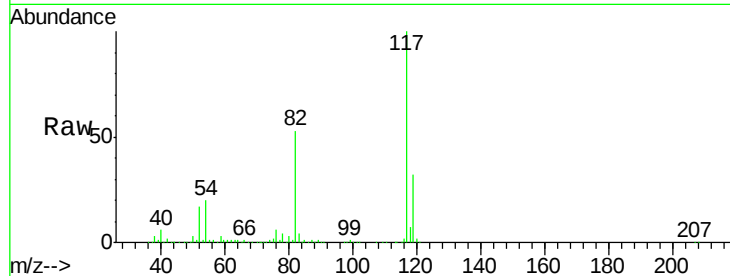




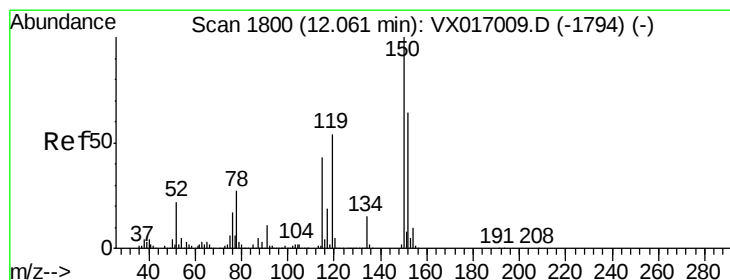
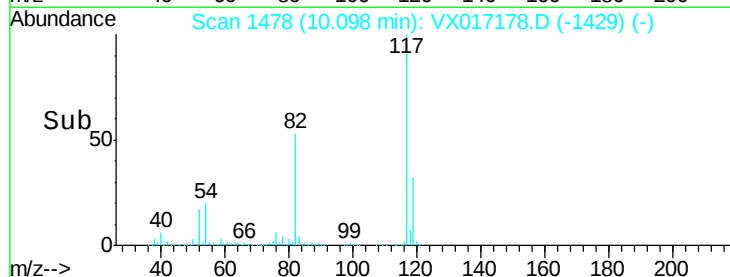
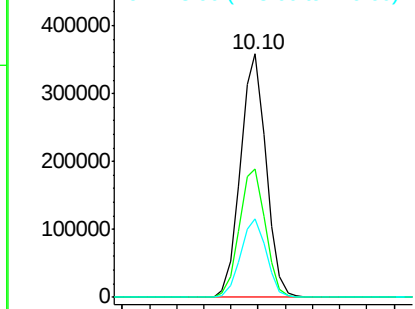
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017178.D
Acq: 06 Jul 2020 19:04

Instrument :
MSVOA_X
ClientSampleId :
30BR-20200629

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	63.8
119	32.0	25.4	38.2

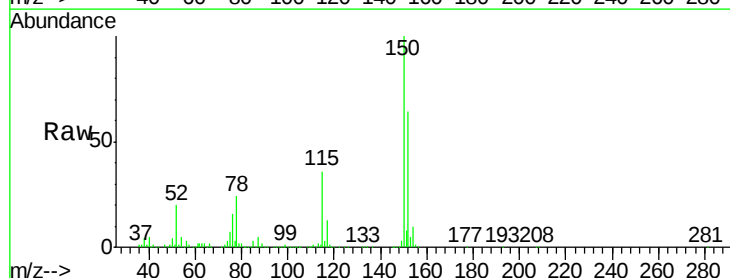


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017178.D
Acq: 06 Jul 2020 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.9	122.7
150	158.7	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

