

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017183.D
 Acq On : 06 Jul 2020 20:58
 Operator : JC/SP
 Sample : L3159-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 09BR-20200629

Quant Time: Jul 07 07:57:14 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

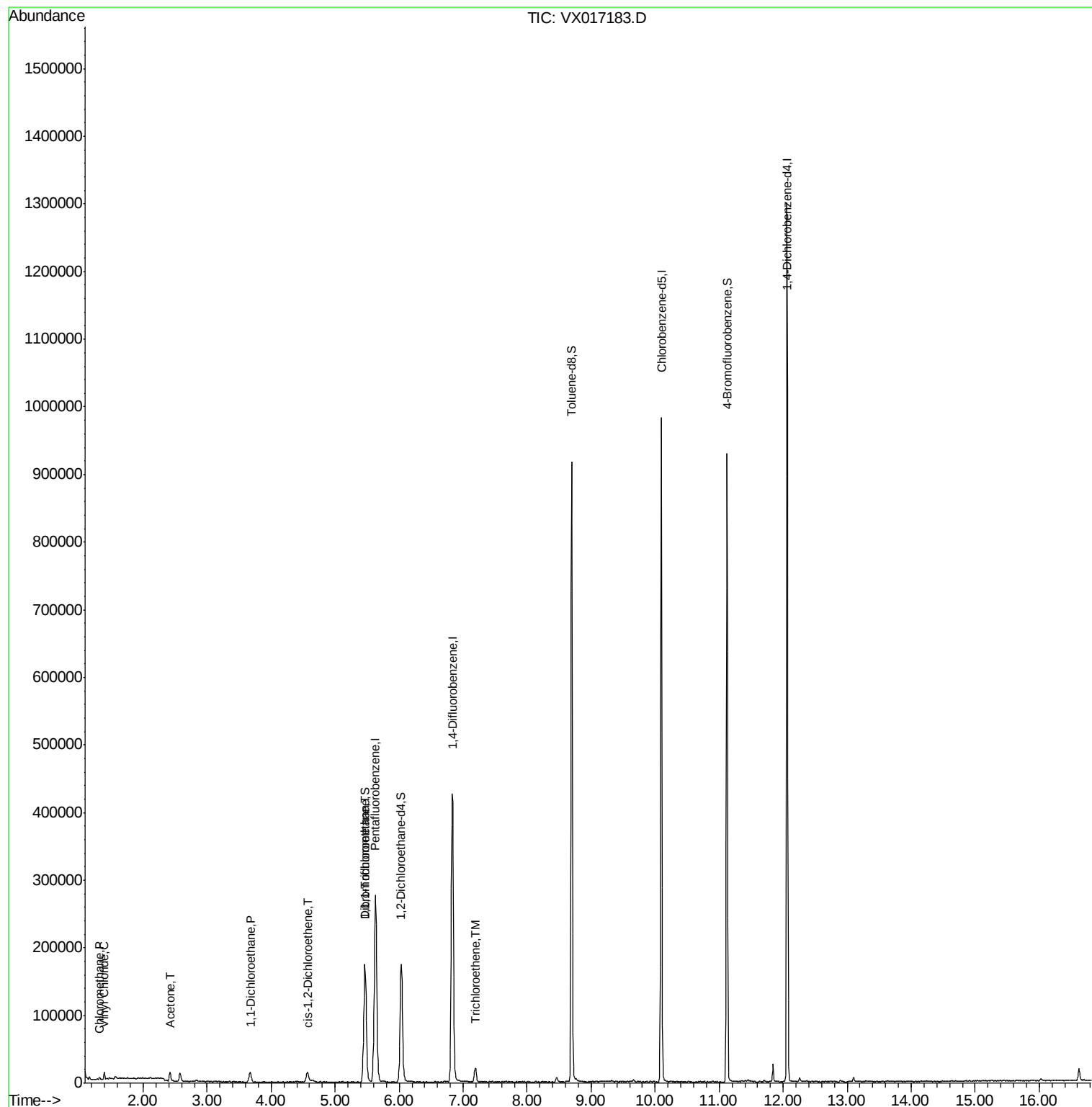
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	264753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	261416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	169055	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	5.46	113	146586	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	8.70	98	543386	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.12	95	229293	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	2099	0.677	ug/l	90
4) Vinyl Chloride	1.39	62	4513	1.569	ug/l	100
16) Acetone	2.42	43	13871	11.361	ug/l #	83
24) 1,1-Dichloroethane	3.67	63	15831	3.105	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	9512	2.888	ug/l	83
32) 1,1,1-Trichloroethane	5.46	97	4526	0.940	ug/l #	49
44) Trichloroethene	7.20	130	8096	2.109	ug/l	95

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

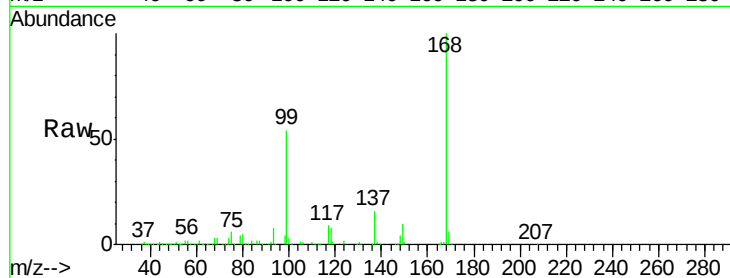
09BR-20200629

Tot Ion:168 Resp: 264753

Ion Ratio Lower Upper

168 100

99 53.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

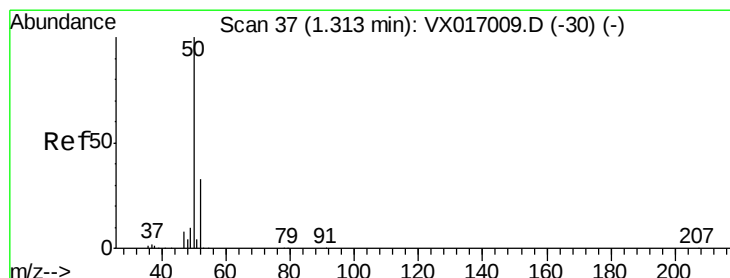
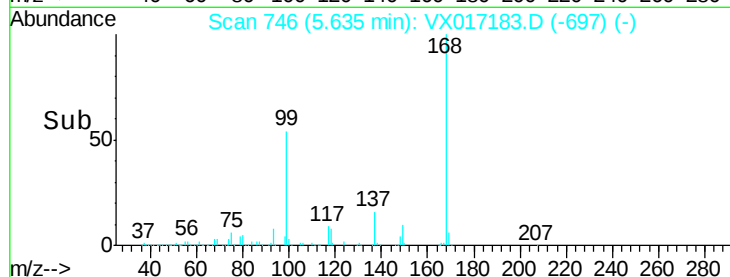
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.677 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017183.D

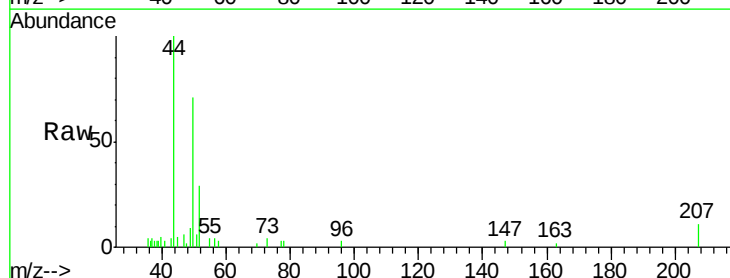
Acq: 06 Jul 2020 20:58

Tgt Ion: 50 Resp: 2099

Ion Ratio Lower Upper

50 100

52 38.3 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

2000

1500

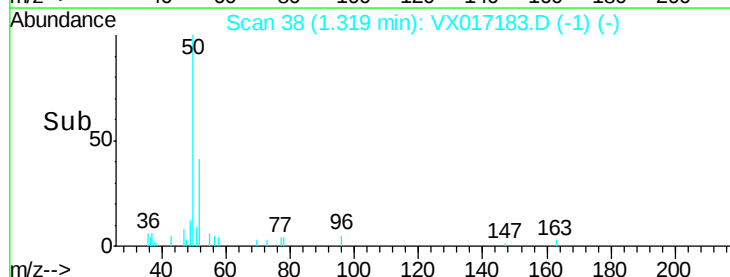
1000

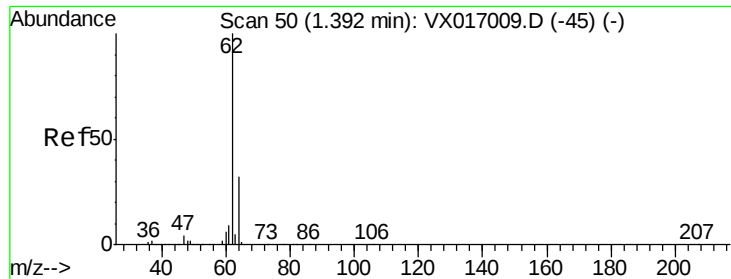
500

0

1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 1.569 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

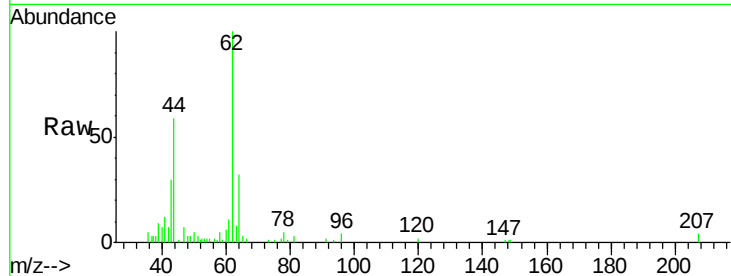
09BR-20200629

Tot Ion: 62 Resp: 4513

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9

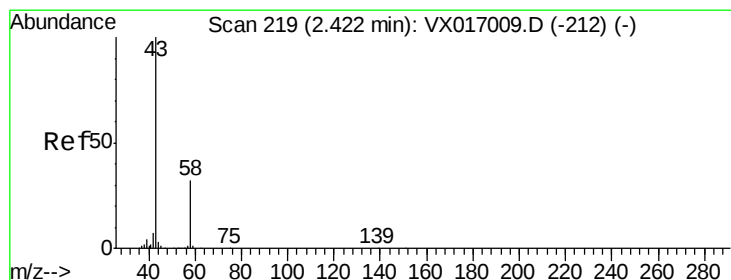
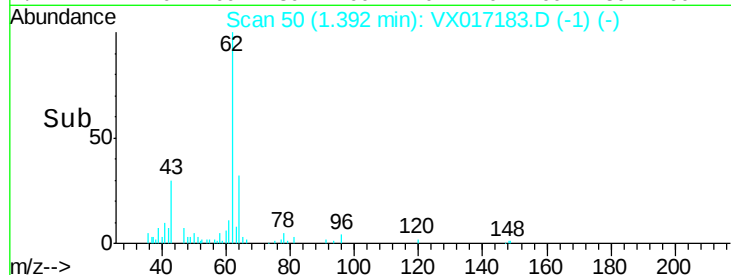


Abundance Ion 61.90 (61.60 to 62.60): VX017009.D (-45) (-)

Ion 63.90 (63.60 to 64.60): VX017009.D (-45) (-)

1.39

Time-->



#16

Acetone

Concen: 11.361 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017183.D

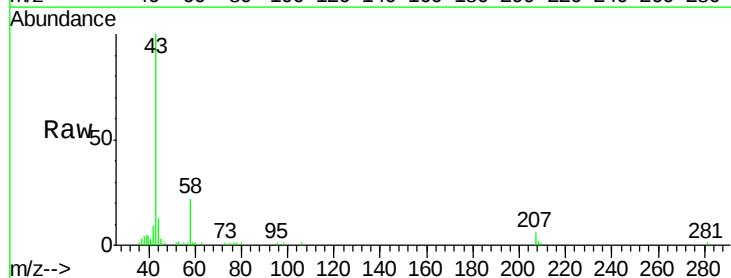
Acq: 06 Jul 2020 20:58

Tgt Ion: 43 Resp: 13871

Ion Ratio Lower Upper

43 100

58 22.5 25.7 38.5#

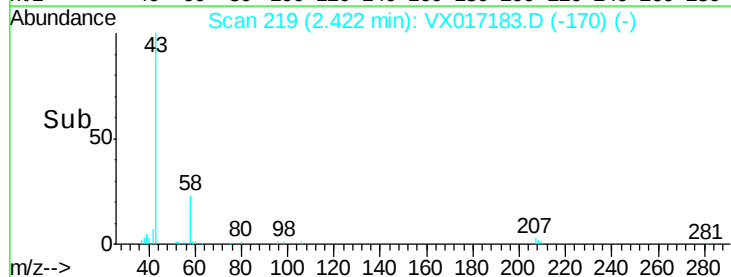


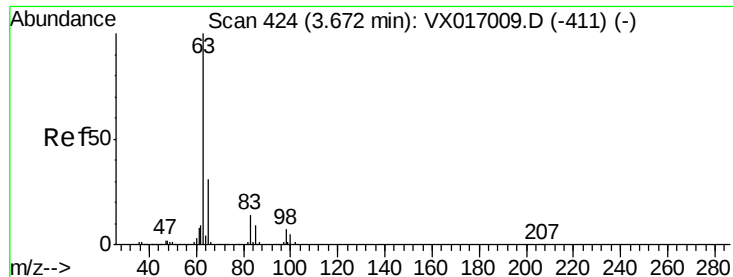
Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-212) (-)

Ion 58.00 (57.70 to 58.70): VX017009.D (-212) (-)

2.42

Time-->





#24

1,1-Dichloroethane

Concen: 3.105 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

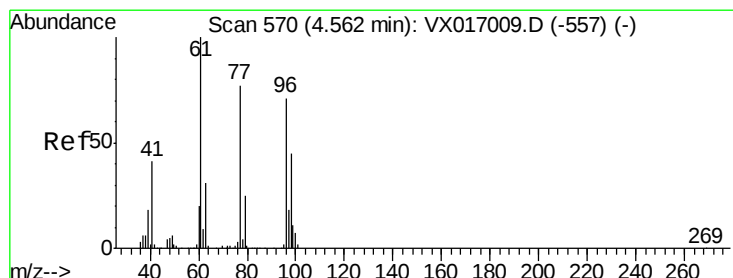
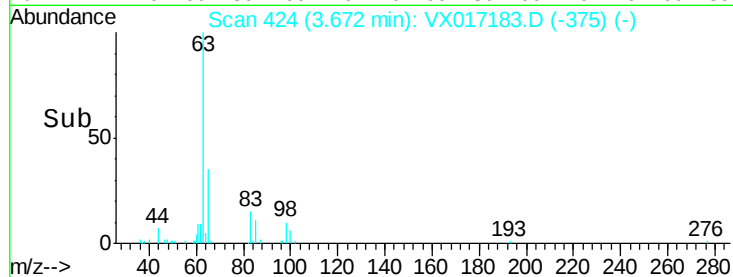
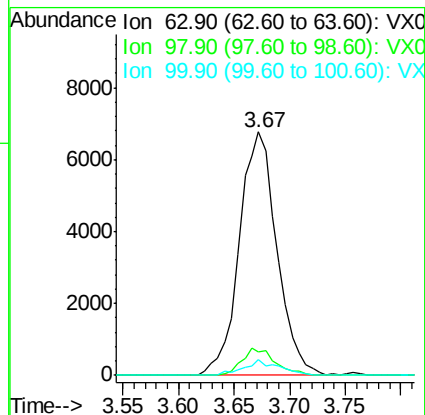
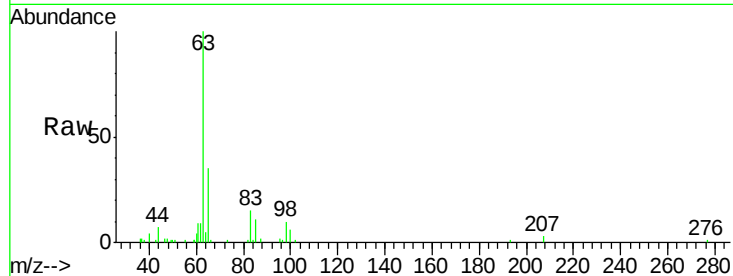
Instrument :

MSVOA_X

ClientSampleId :

09BR-20200629

Tot Ion:	63	Resp:	15831
Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.6	10.8
100	6.4	2.4	7.1



#27

cis-1,2-Dichloroethene

Concen: 2.888 ug/l

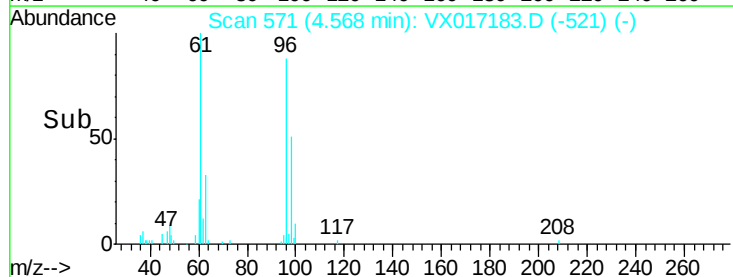
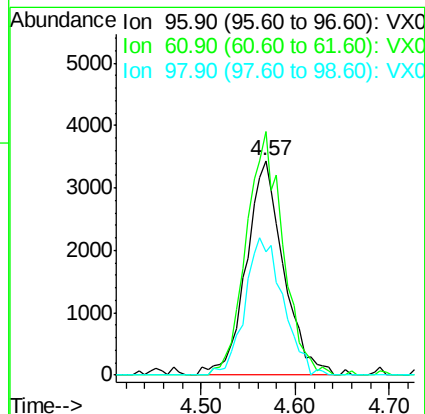
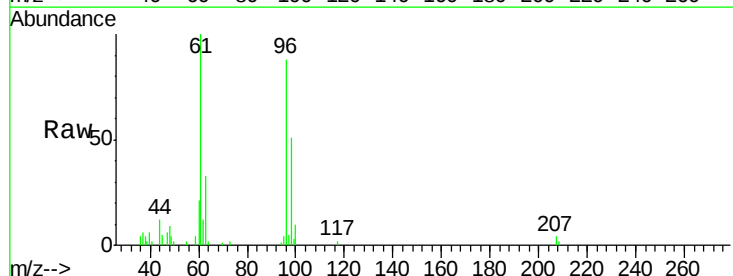
RT: 4.57 min Scan# 571

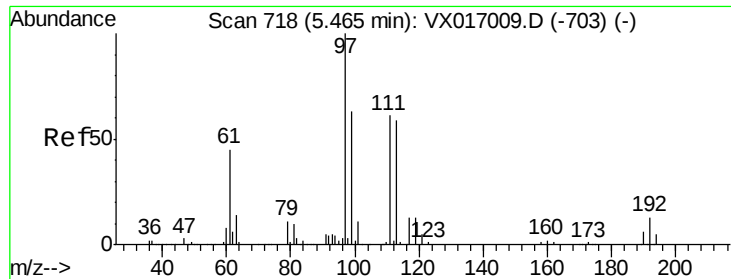
Delta R.T. 0.01 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Tgt Ion:	96	Resp:	9512
Ion	Ratio	Lower	Upper
96	100		
61	111.7	0.0	282.8
98	65.6	0.0	127.6





#32

1,1,1-Trichloroethane

Concen: 0.940 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

09BR-20200629

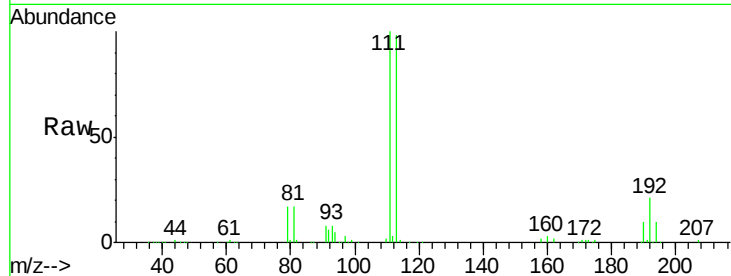
Tot Ion: 97 Resp: 4526

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

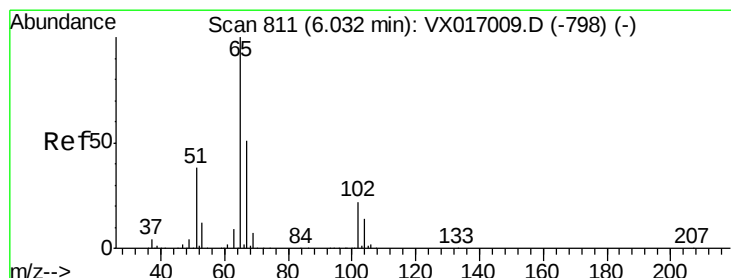
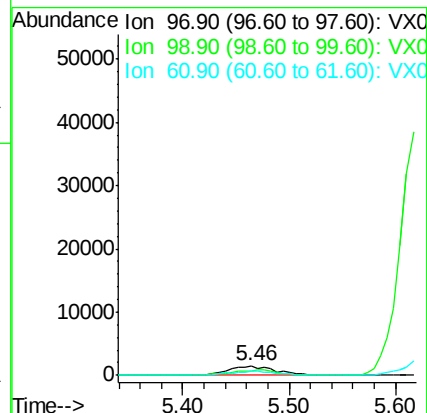
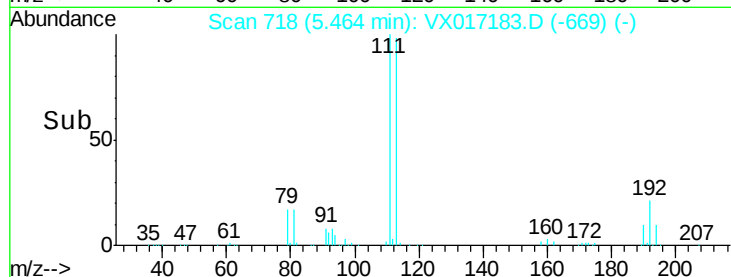
61 44.9 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.796 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017183.D

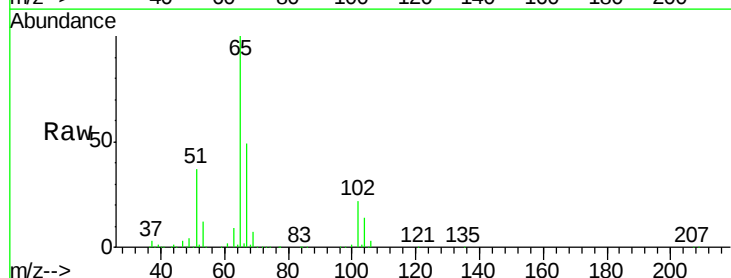
Acq: 06 Jul 2020 20:58

Tgt Ion: 65 Resp: 169055

Ion Ratio Lower Upper

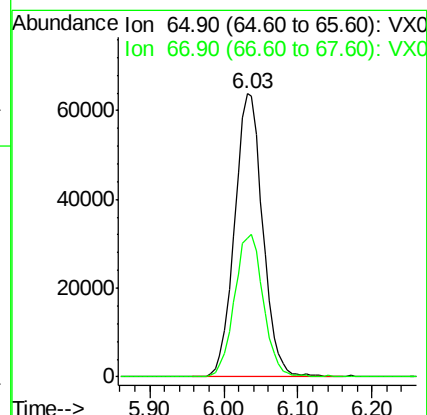
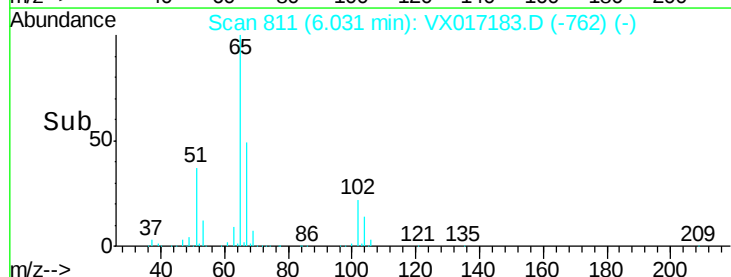
65 100

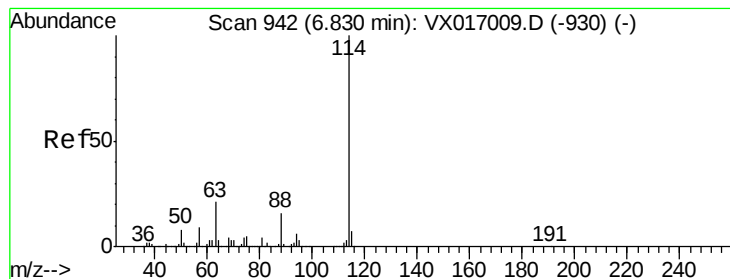
67 51.6 0.0 103.8



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: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

09BR-20200629

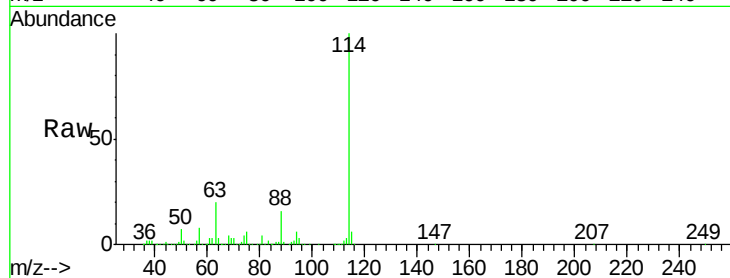
Tot Ion:114 Resp: 439193

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

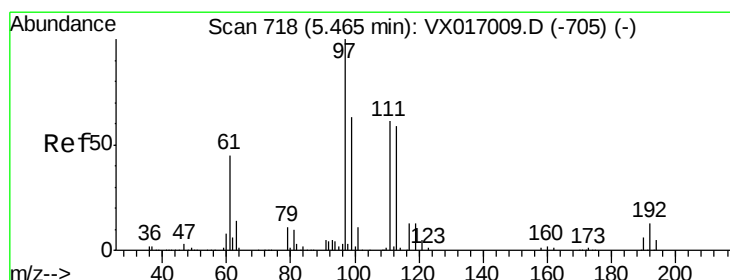
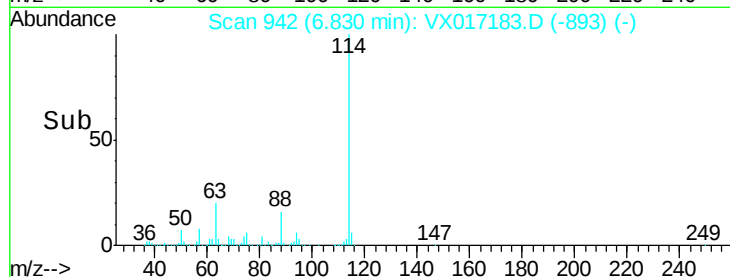
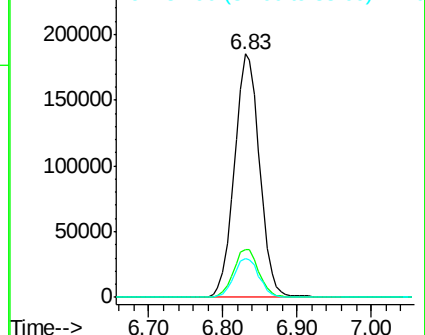
88 15.9 0.0 32.4



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: 52.763 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

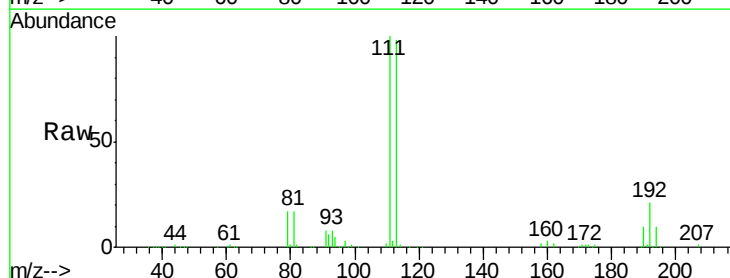
Tgt Ion:113 Resp: 146586

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

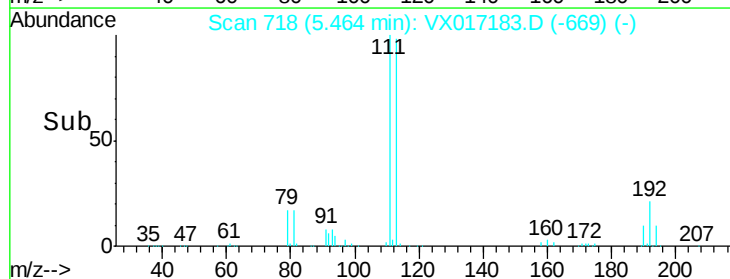
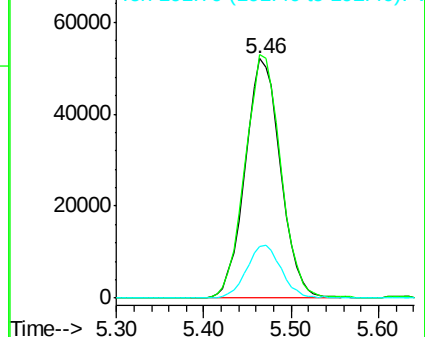
192 21.7 16.7 25.1

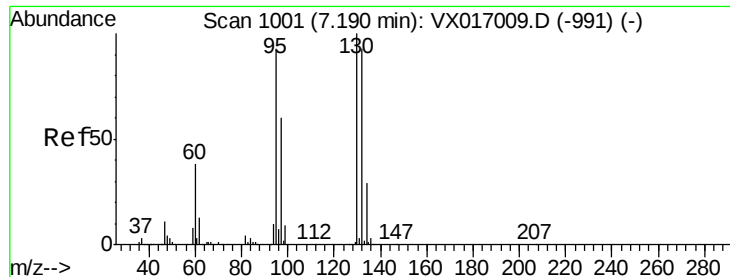


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.109 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

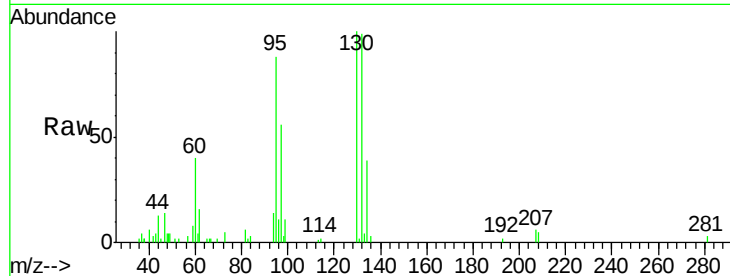
09BR-20200629

Tot Ion:130 Resp: 8096

Ion Ratio Lower Upper

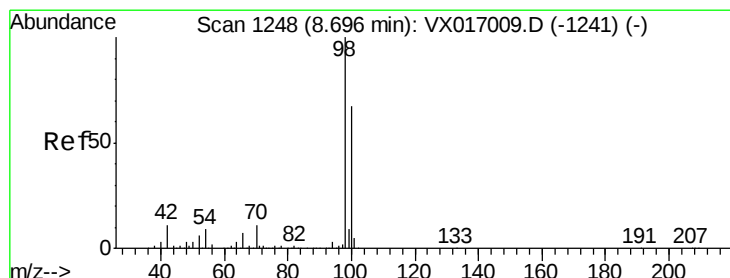
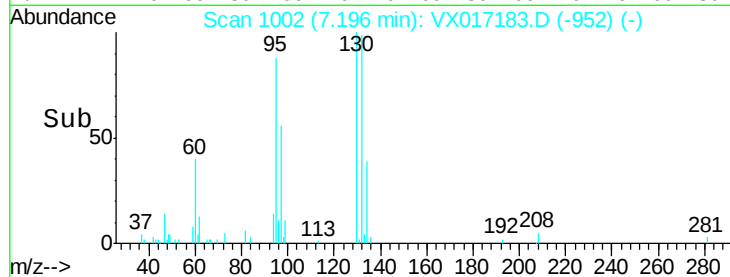
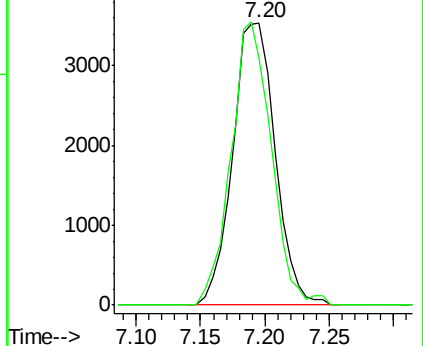
130 100

95 87.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.893 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017183.D

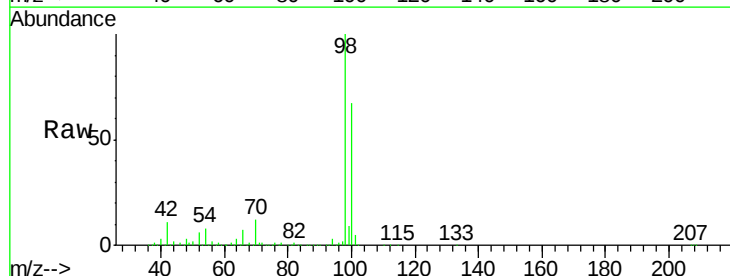
Acq: 06 Jul 2020 20:58

Tgt Ion: 98 Resp: 543386

Ion Ratio Lower Upper

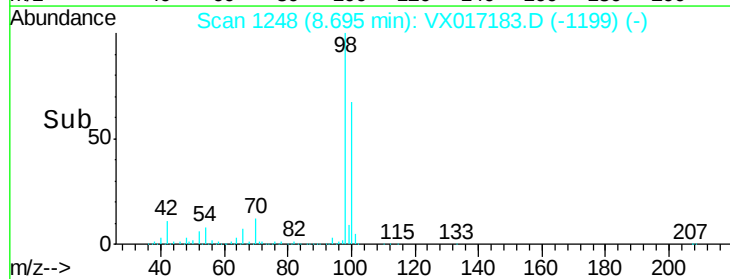
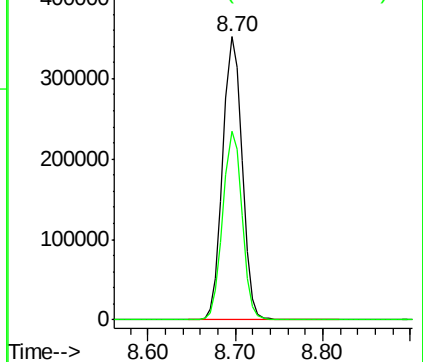
98 100

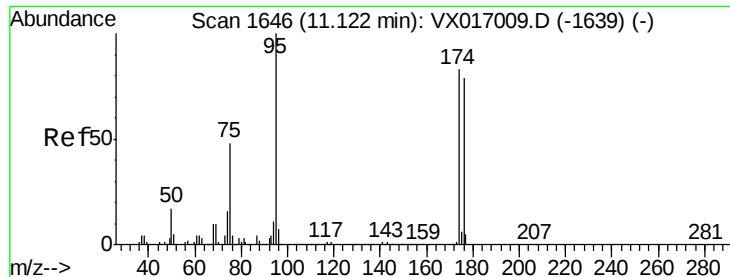
100 66.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.096 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

09BR-20200629

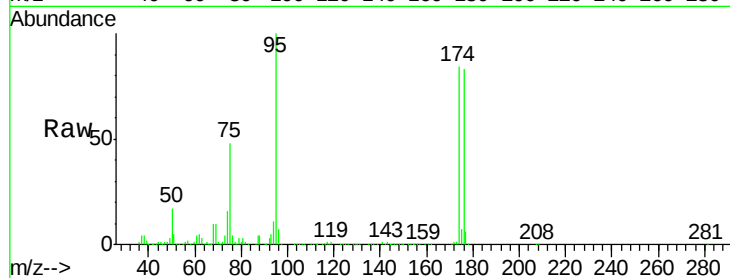
Tot Ion: 95 Resp: 229293

Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.0

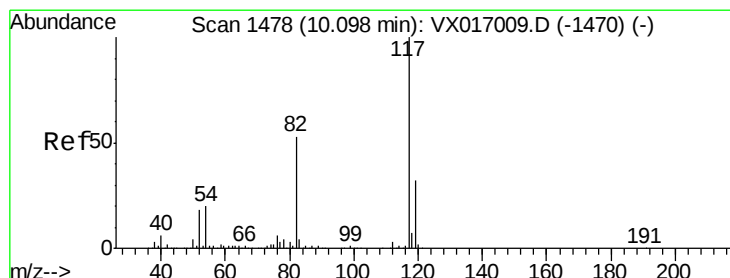
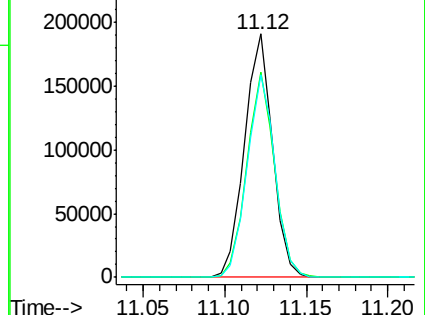
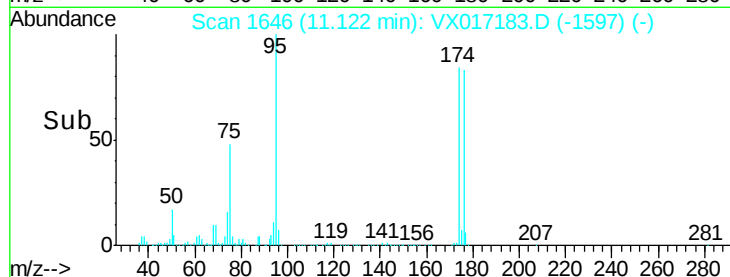
176 82.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017183.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017183.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017183.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

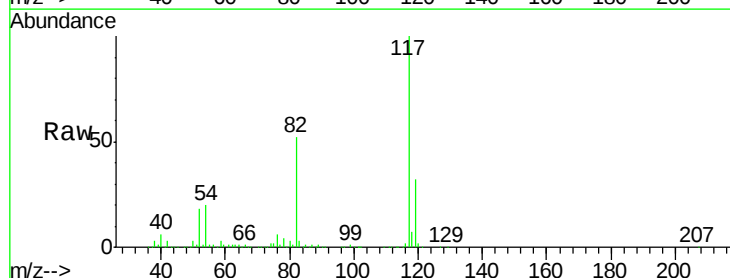
Tgt Ion: 117 Resp: 462119

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

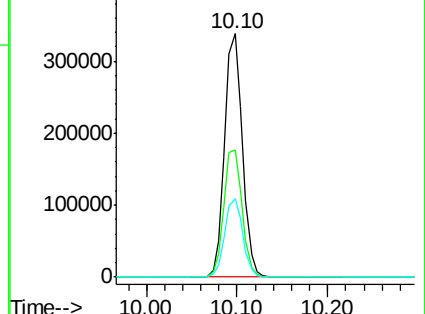
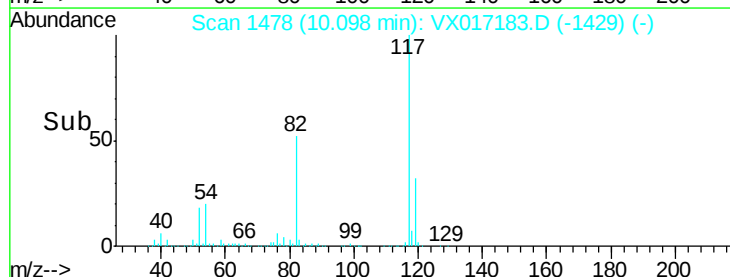
119 32.0 25.4 38.2

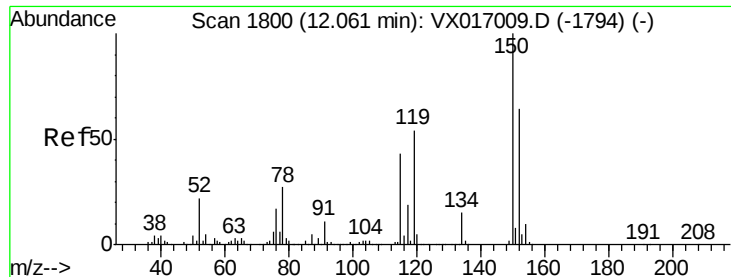


Abundance Ion 116.90 (116.60 to 117.60): VX017183.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017183.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017183.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017183.D

Acq: 06 Jul 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

09BR-20200629

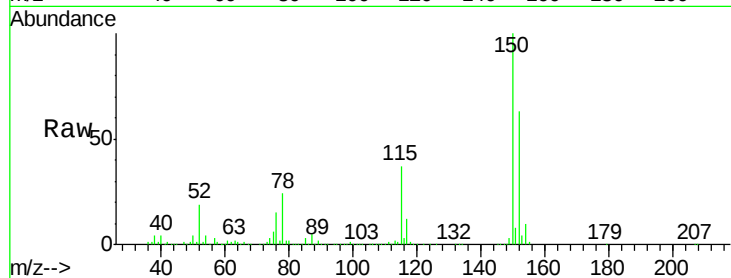
Tot Ion:152 Resp: 261416

Ion Ratio Lower Upper

152 100

115 57.5 40.9 122.7

150 156.7 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

