

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017237.D
 Acq On : 08 Jul 2020 05:08
 Operator : JC/SP
 Sample : L3232-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1012-MW-19

Quant Time: Jul 08 07:09:38 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	239542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	409530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	164412	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
35) Dibromofluoromethane	5.47	113	142124	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
50) Toluene-d8	8.70	98	498328	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	201363	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	

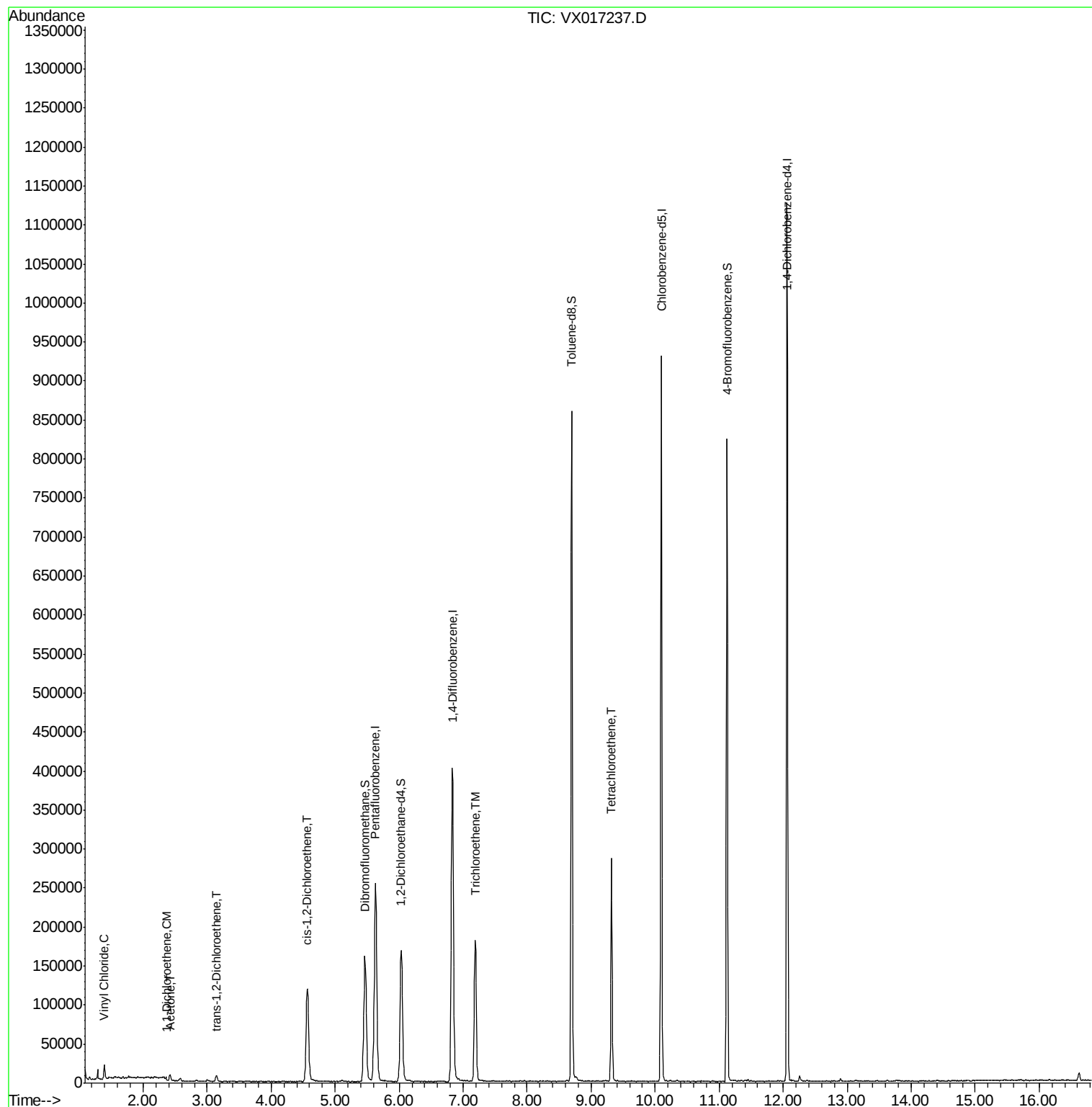
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	9111	3.501	ug/l	92
12) 1,1-Dichloroethene	2.36	96	1057	0.446	ug/l #	94
16) Acetone	2.42	43	8129	7.358	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	3355	1.276	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	78538	26.355	ug/l	90
44) Trichloroethene	7.19	130	73397	23.223	ug/l	99
64) Tetrachloroethene	9.32	164	55756	16.010	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017237.D
Acq On : 08 Jul 2020 05:08
Operator : JC/SP
Sample : L3232-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1012-MW-19

Quant Time: Jul 08 07:09:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampleId :

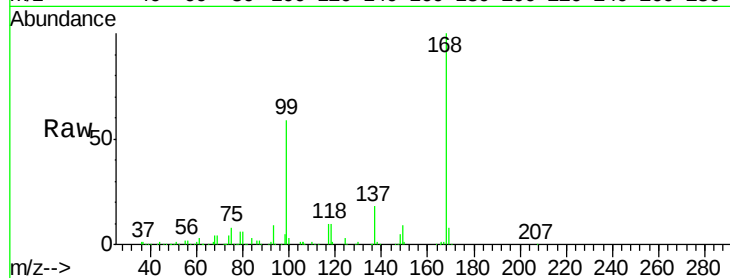
1012-MW-19

Tot Ion:168 Resp: 239542

Ion Ratio Lower Upper

168 100

99 59.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

40000

20000

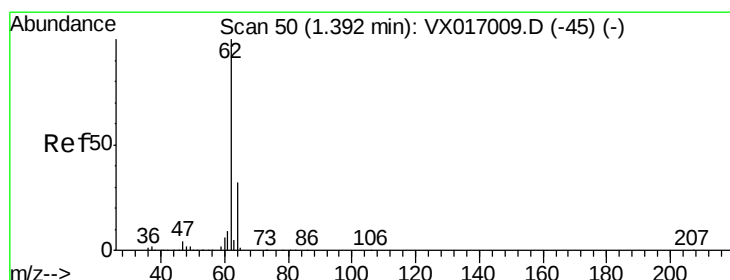
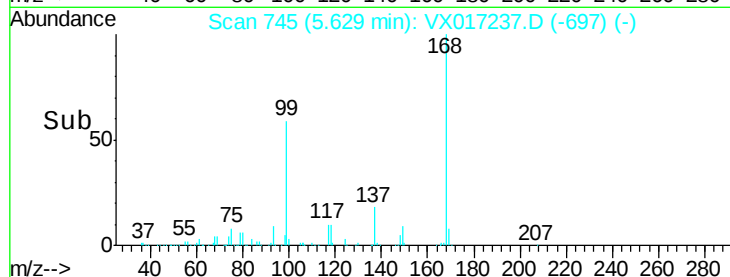
0

Time-->

5.50

5.60

5.70



#4

Vinyl Chloride

Concen: 3.501 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017237.D

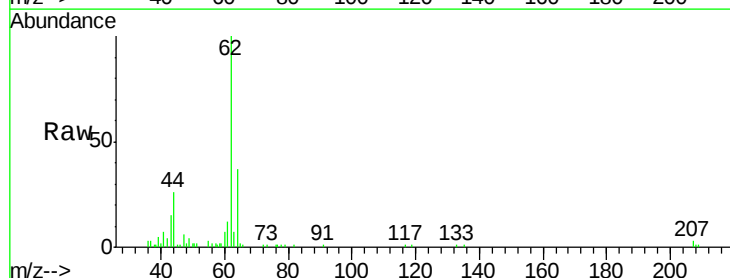
Acq: 08 Jul 2020 05:08

Tgt Ion: 62 Resp: 9111

Ion Ratio Lower Upper

62 100

64 36.6 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

8000

6000

4000

2000

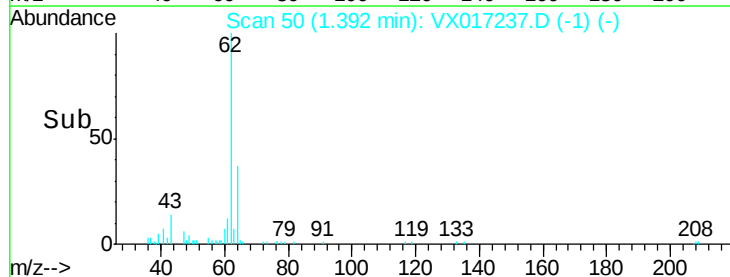
0

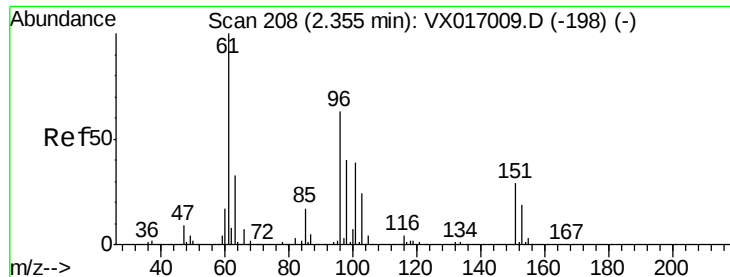
Time-->

1.35

1.40

1.45





#12

1,1-Dichloroethene

Concen: 0.446 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampled :

1012-MW-19

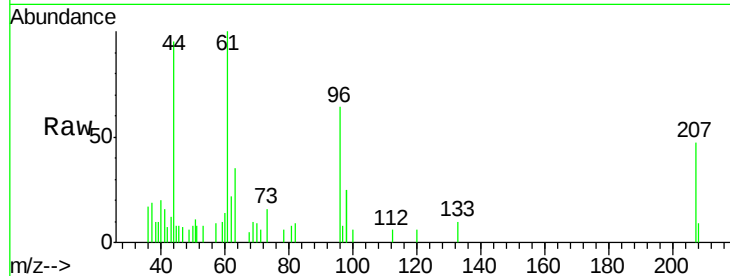
Tot Ion: 96 Resp: 1057

Ion Ratio Lower Upper

96 100

61 156.6 126.3 189.5

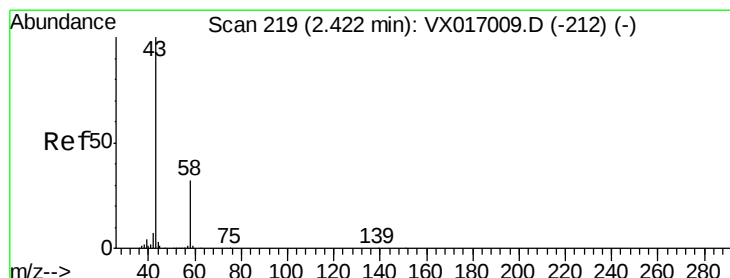
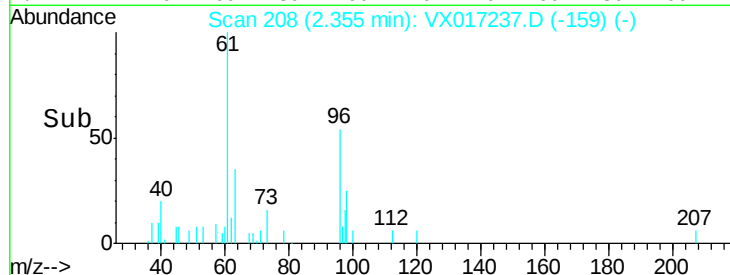
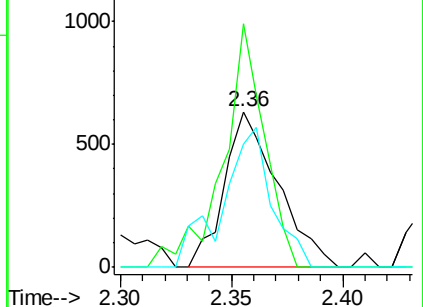
98 79.0 51.0 76.6#



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



#16

Acetone

Concen: 7.358 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017237.D

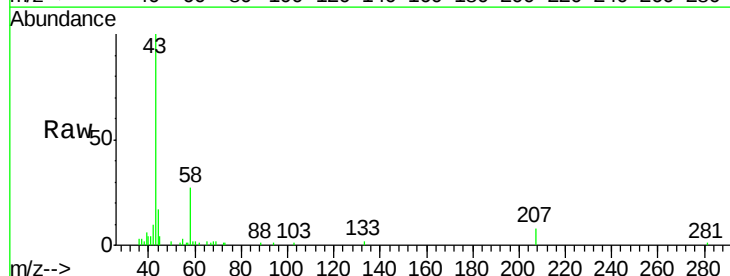
Acq: 08 Jul 2020 05:08

Tgt Ion: 43 Resp: 8129

Ion Ratio Lower Upper

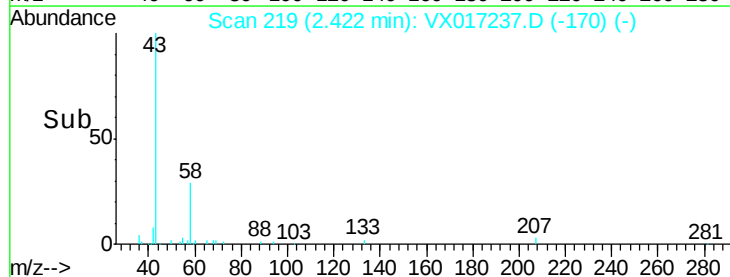
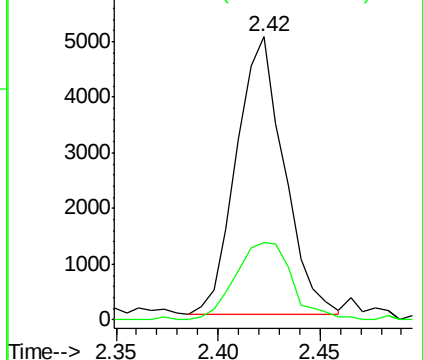
43 100

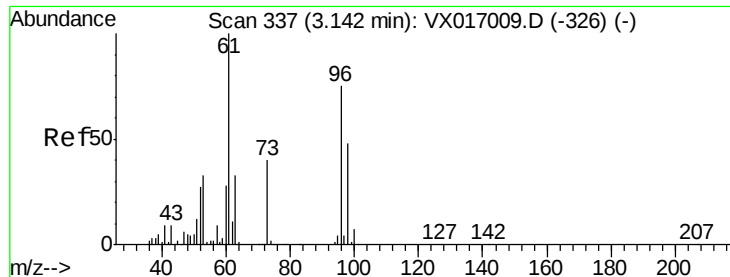
58 28.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.276 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampled :

1012-MW-19

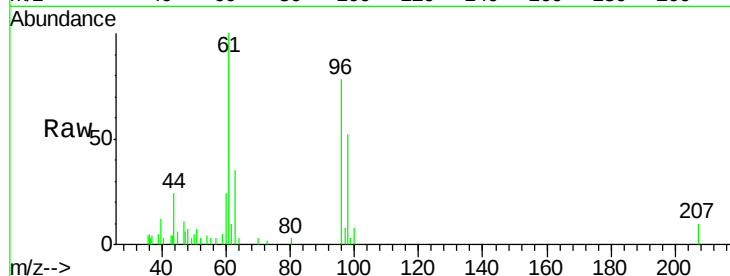
Tot Ion: 96 Resp: 3355

Ion Ratio Lower Upper

96 100

61 128.6 107.0 160.6

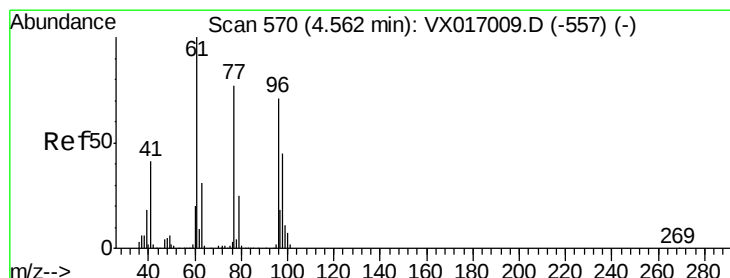
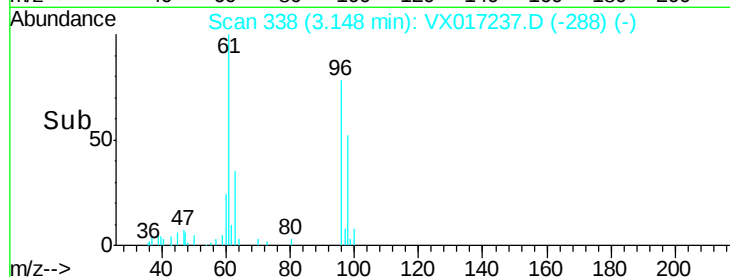
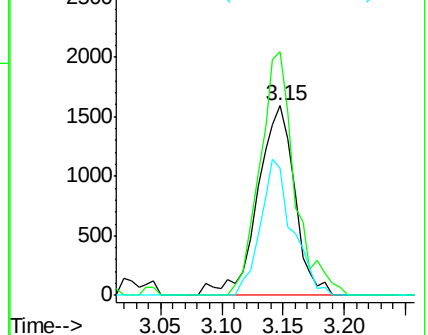
98 67.5 51.6 77.4



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



#27

cis-1,2-Dichloroethene

Concen: 26.355 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

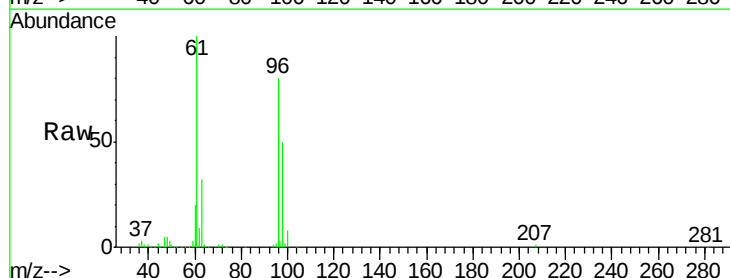
Tgt Ion: 96 Resp: 78538

Ion Ratio Lower Upper

96 100

61 123.6 0.0 282.8

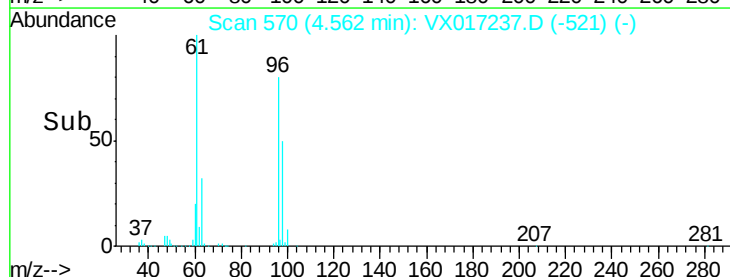
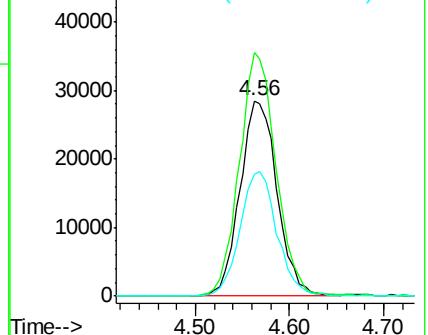
98 63.3 0.0 127.6

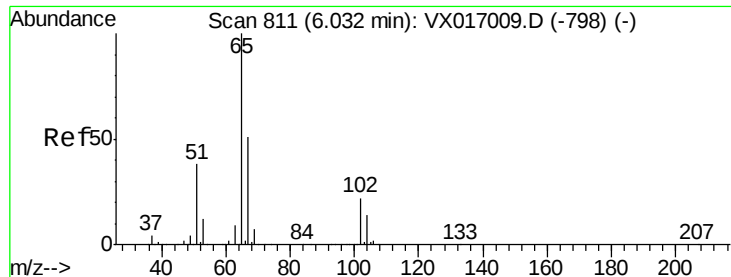


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.675 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampleId :

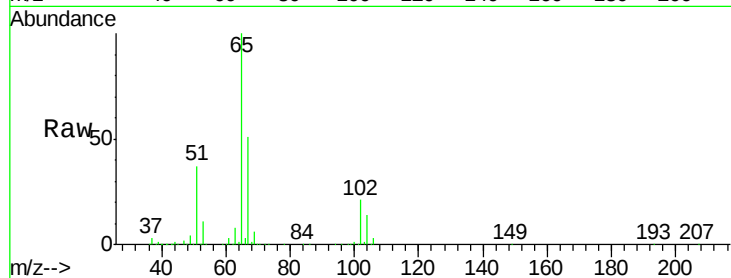
1012-MW-19

Tot Ion: 65 Resp: 164412

Ion Ratio Lower Upper

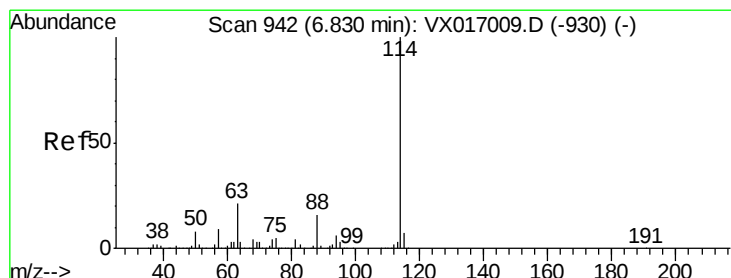
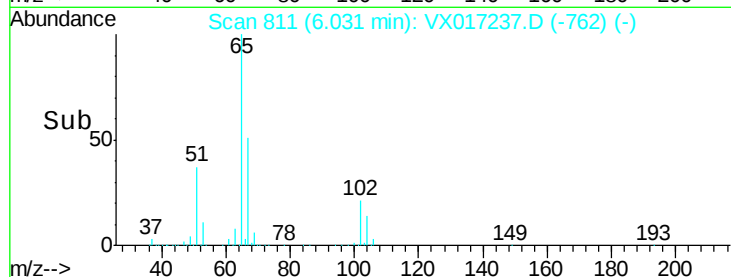
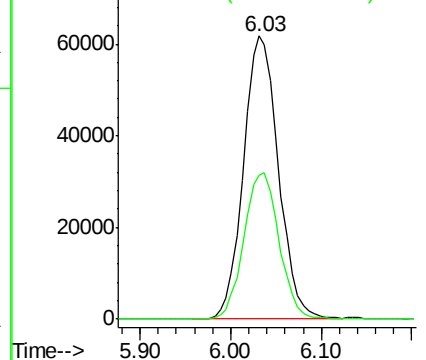
65 100

67 52.3 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: VX017237.D

Acq: 08 Jul 2020 05:08

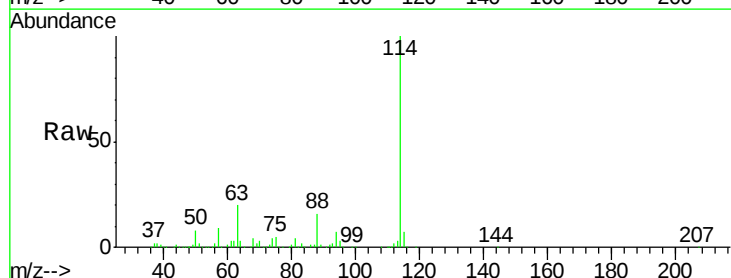
Tgt Ion: 114 Resp: 409530

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

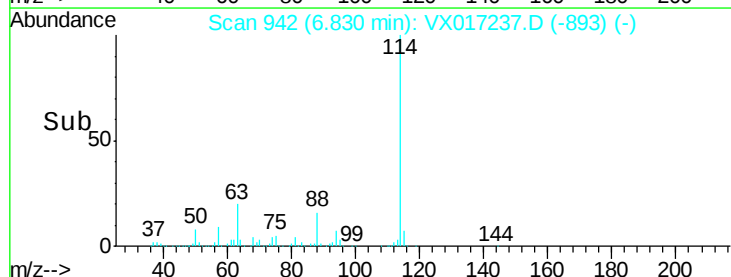
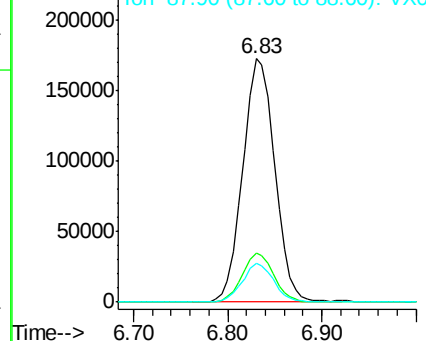
88 15.8 0.0 32.4

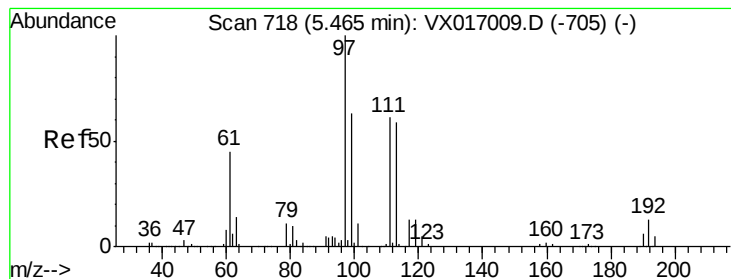


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.862 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampleId :

1012-MW-19

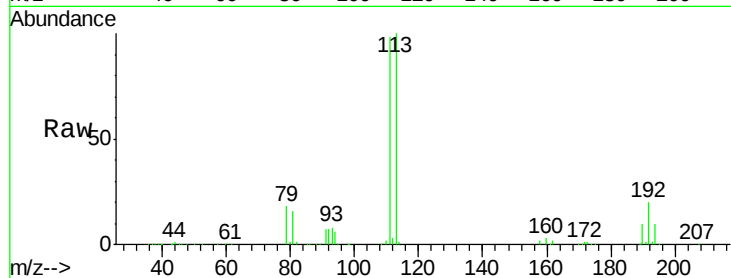
Tot Ion:113 Resp: 142124

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

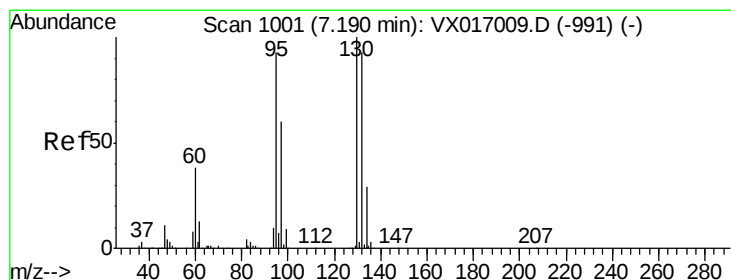
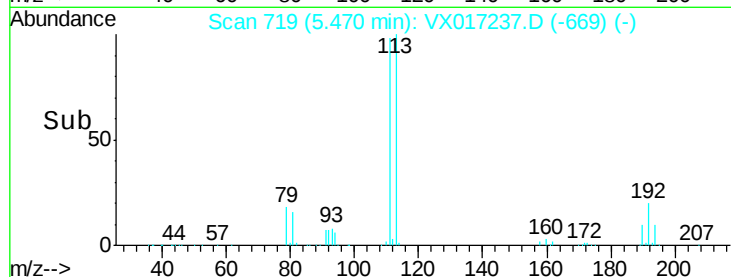
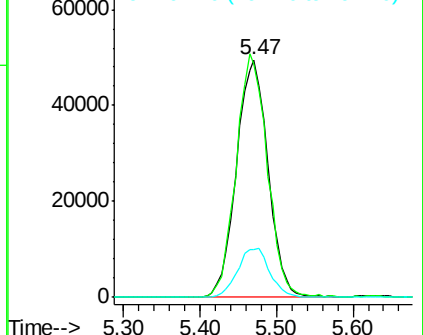
192 21.0 16.7 25.1



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



#44

Trichloroethene

Concen: 23.223 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017237.D

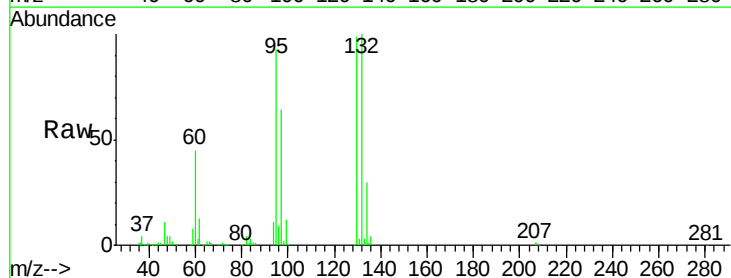
Acq: 08 Jul 2020 05:08

Tgt Ion:130 Resp: 73397

Ion Ratio Lower Upper

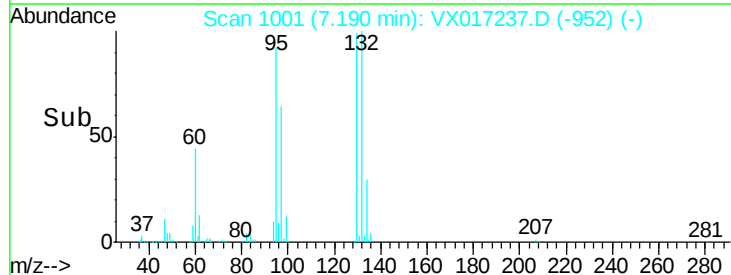
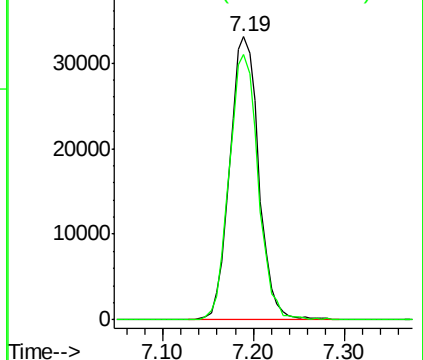
130 100

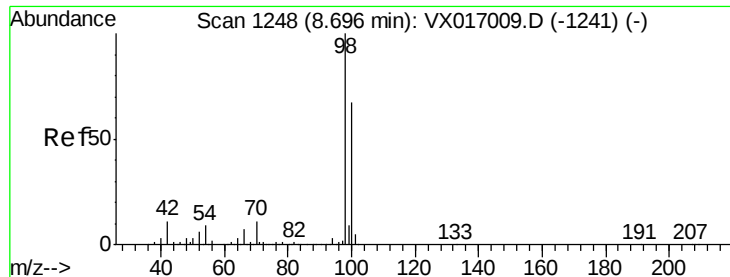
95 93.8 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.021 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampleId :

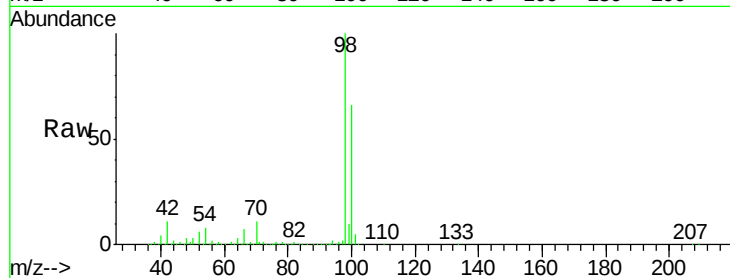
1012-MW-19

Tot Ion: 98 Resp: 498328

Ion Ratio Lower Upper

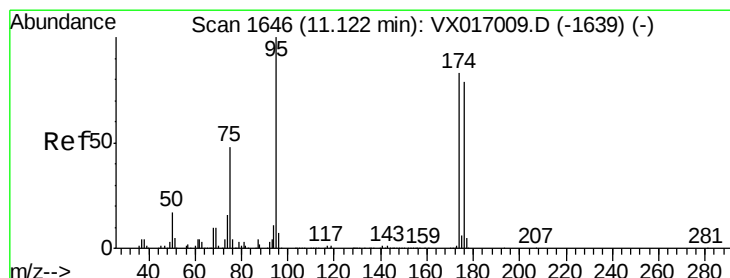
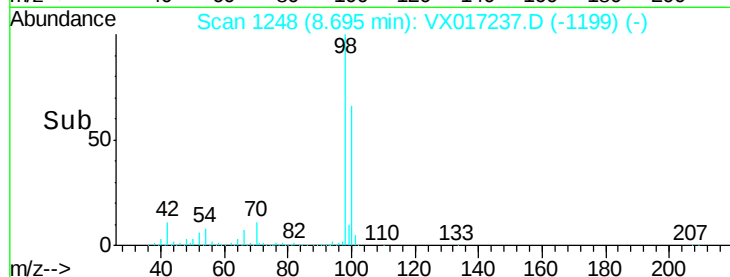
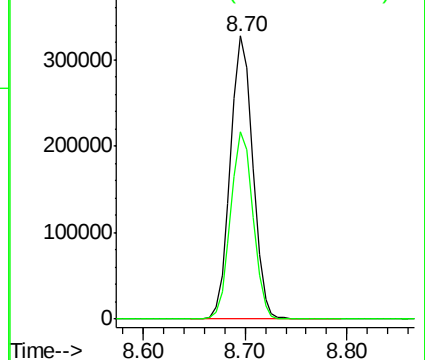
98 100

100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.773 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

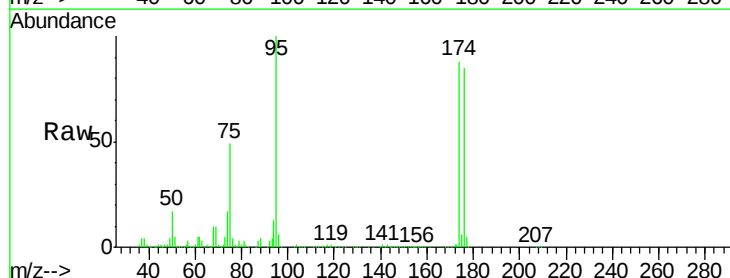
Tgt Ion: 95 Resp: 201363

Ion Ratio Lower Upper

95 100

174 84.9 0.0 164.0

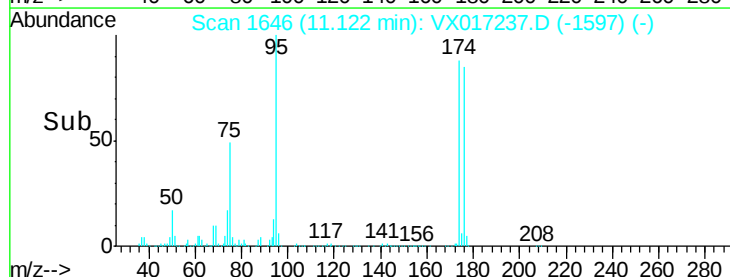
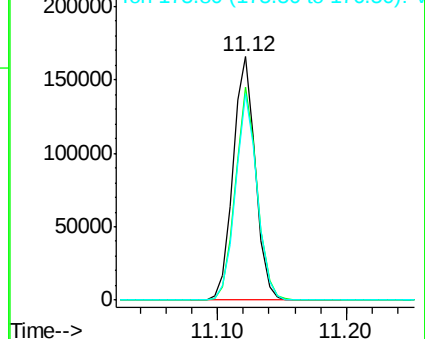
176 82.4 0.0 157.6

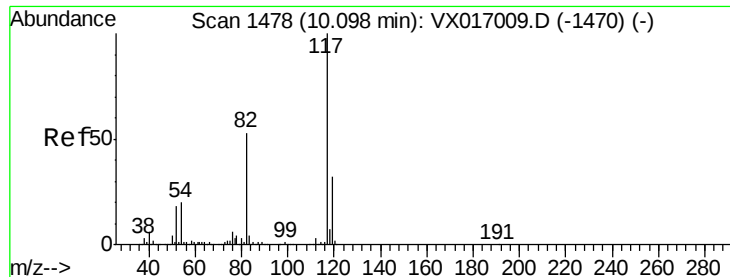


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

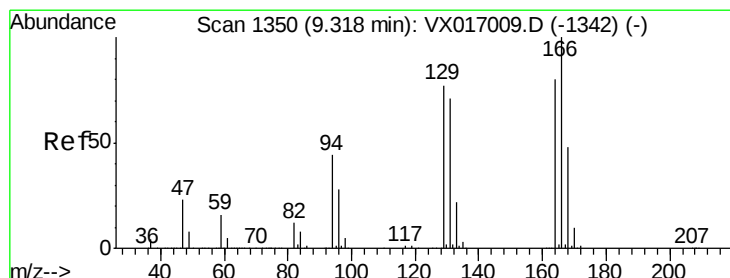
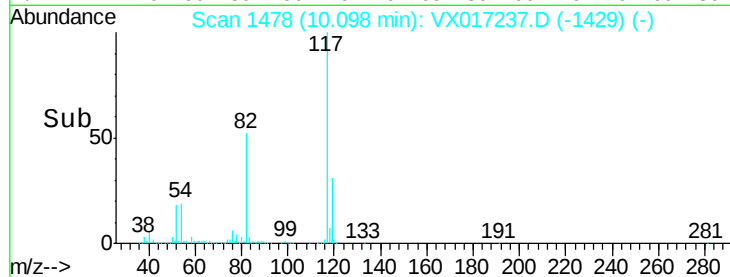
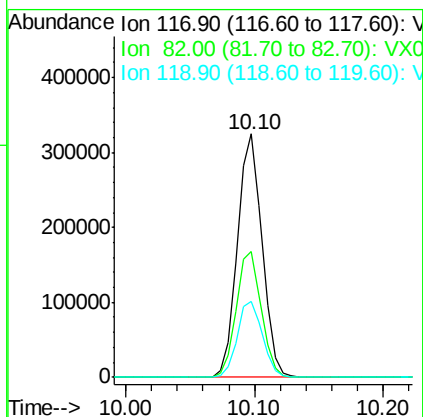
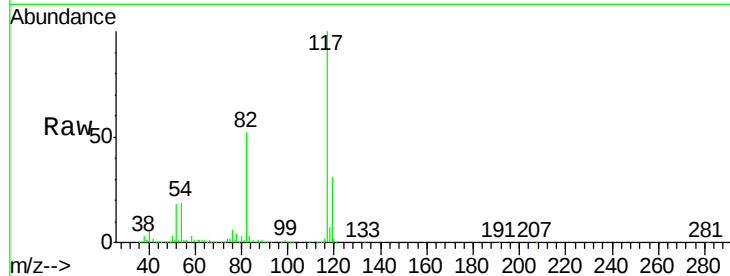




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017237.D
Acq: 08 Jul 2020 05:08

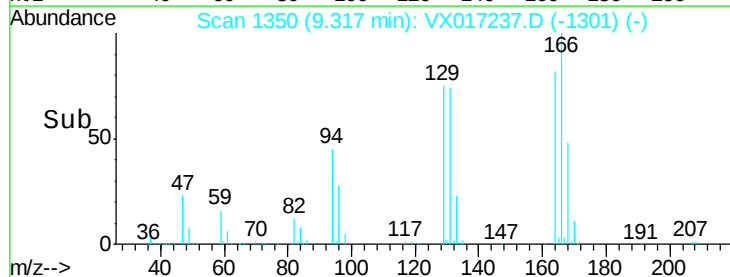
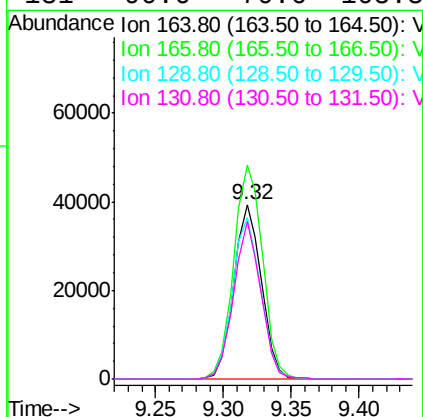
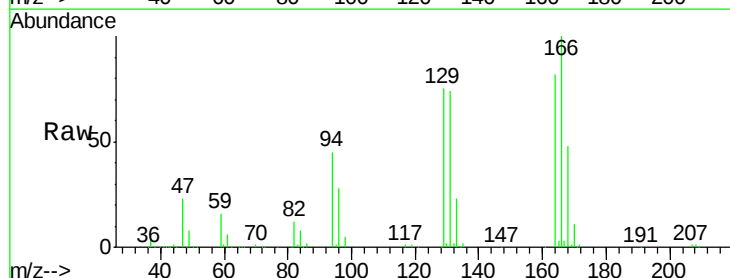
Instrument :
MSVOA_X
ClientSampled :
1012-MW-19

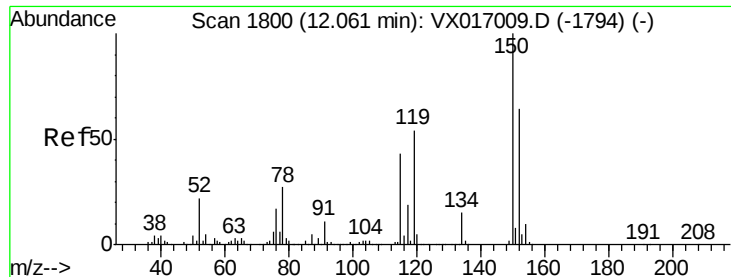
Tot Ion:117 Resp: 431507
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 16.010 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017237.D
Acq: 08 Jul 2020 05:08

Tgt Ion:164 Resp: 55756
Ion Ratio Lower Upper
164 100
166 122.6 99.4 149.0
129 92.3 76.3 114.5
131 90.6 70.6 105.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017237.D

Acq: 08 Jul 2020 05:08

Instrument :

MSVOA_X

ClientSampleId :

1012-MW-19

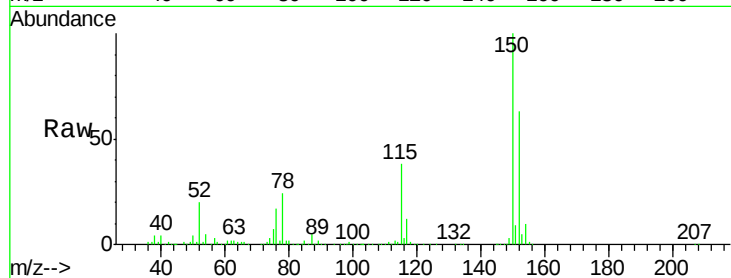
Tot Ion:152 Resp: 226443

Ion Ratio Lower Upper

152 100

115 57.6 40.9 122.7

150 153.9 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

