

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
 Data File : VX017266.D
 Acq On : 08 Jul 2020 19:15
 Operator : JC/SP
 Sample : L3232-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1010-MW-17A

Quant Time: Jul 15 02:42:31 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

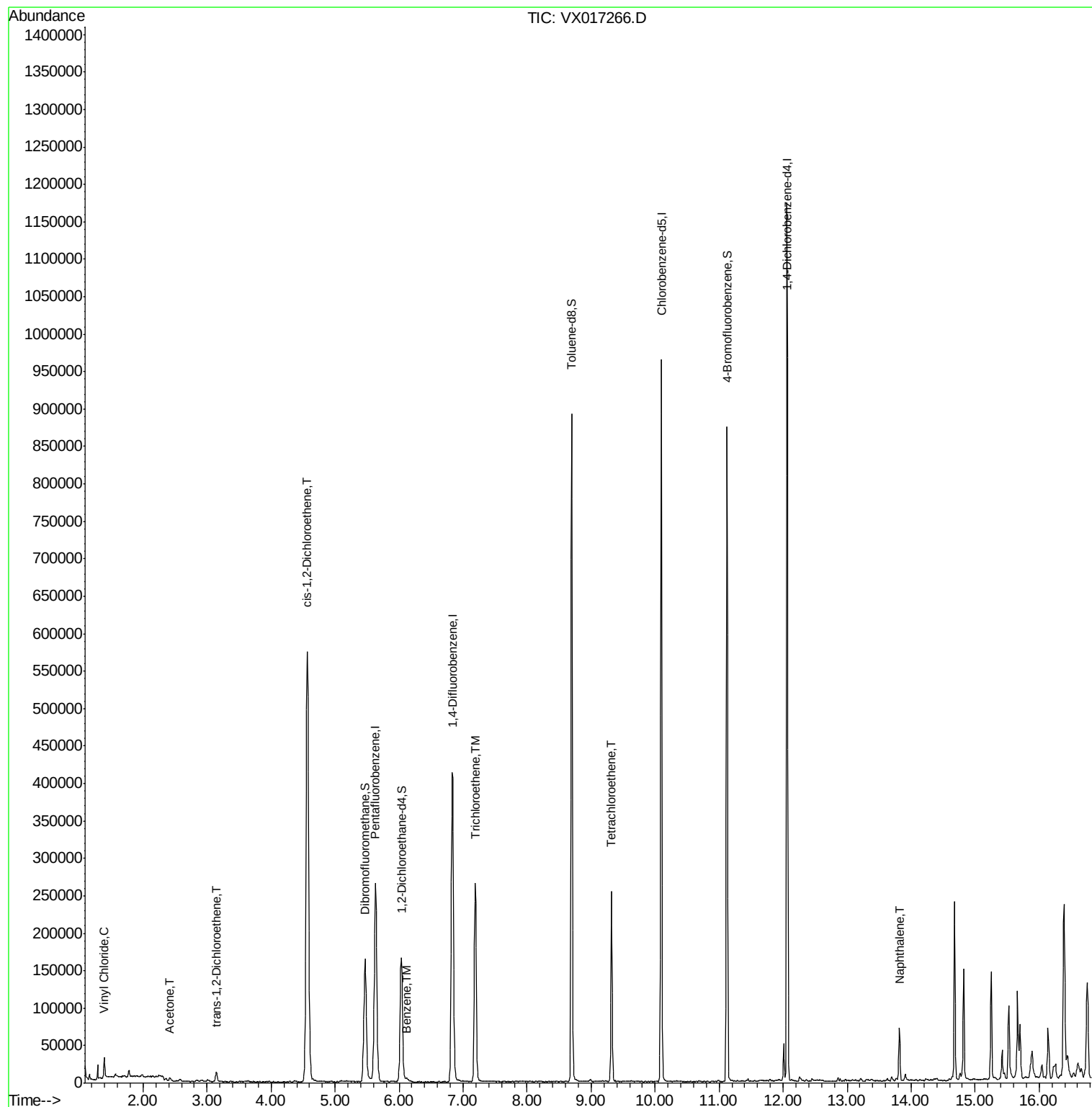
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	258457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	423765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	162132	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	5.47	113	139587	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	8.70	98	508963	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.12	95	219664	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
Target Compounds						
4) Vinyl Chloride	1.39	62	8384	2.986	ug/l	96
16) Acetone	2.42	43	4454	3.737	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	5124	1.806	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	379615	118.066	ug/l	90
40) Benzene	6.12	78	4433	0.377	ug/l	91
44) Trichloroethene	7.19	130	104182	31.971	ug/l	99
64) Tetrachloroethene	9.32	164	49348	13.725	ug/l	98
95) Naphthalene	13.82	128	42312	2.749	ug/l	98

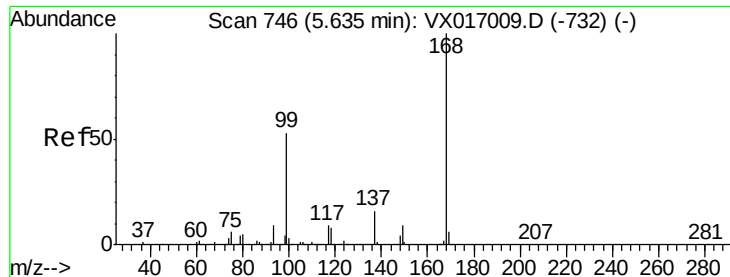
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
1010-MW-17A

Quant Time: Jul 15 02:42:31 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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

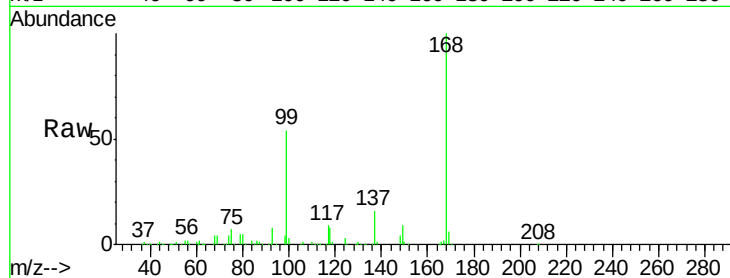
1010-MW-17A

Tgt Ion:168 Resp: 258457

Ion Ratio Lower Upper

168 100

99 53.5 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

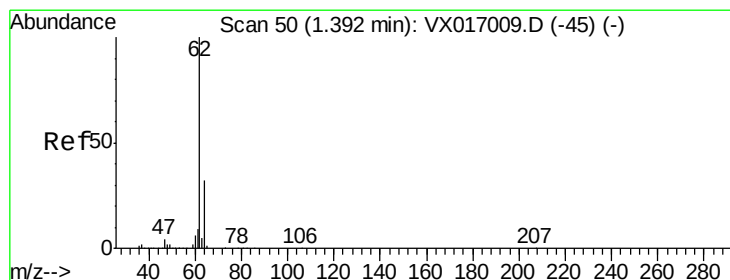
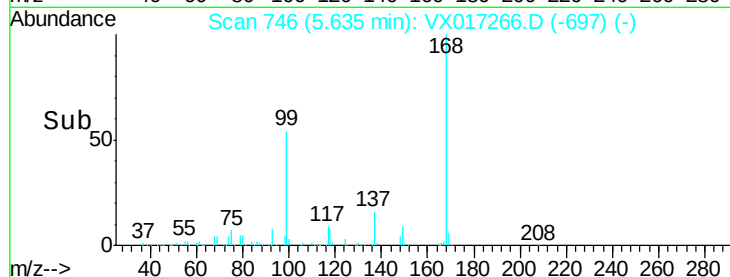
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 2.986 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017266.D

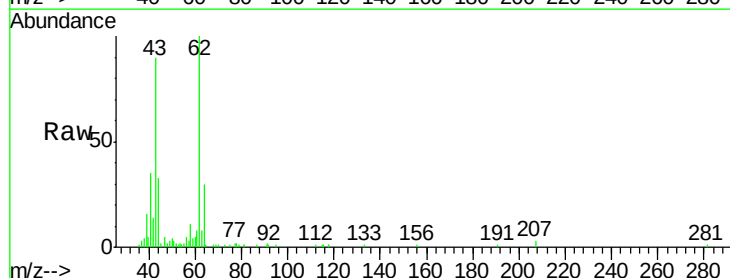
Acq: 08 Jul 2020 19:15

Tgt Ion: 62 Resp: 8384

Ion Ratio Lower Upper

62 100

64 30.3 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

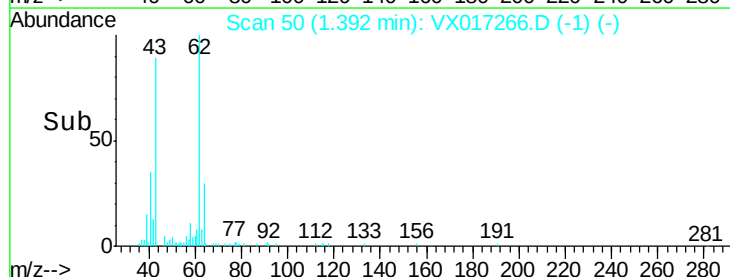
6000

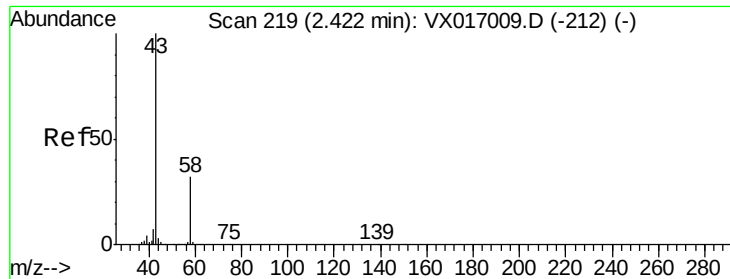
4000

2000

0

Time-->





#16

Acetone

Concen: 3.737 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

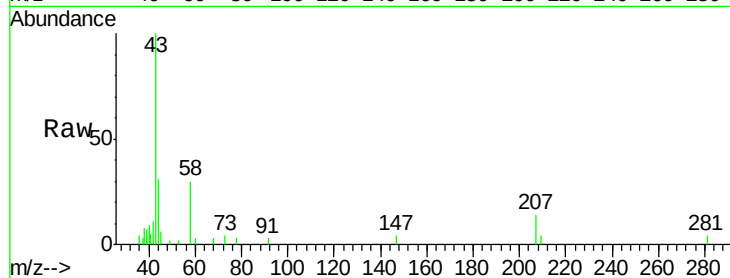
1010-MW-17A

Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

43 100

58 31.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

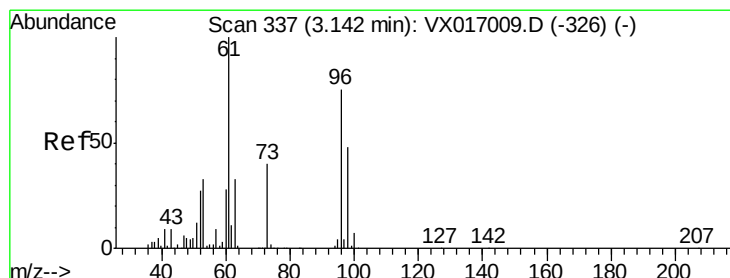
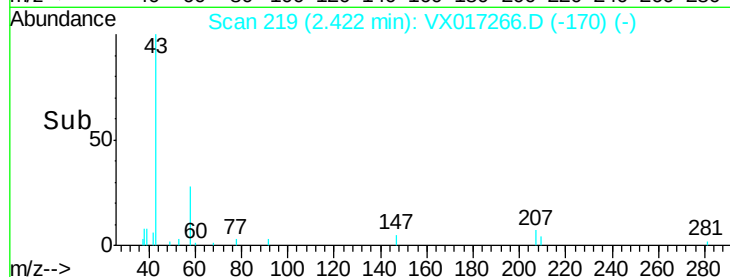
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#21

trans-1,2-Dichloroethene

Concen: 1.806 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

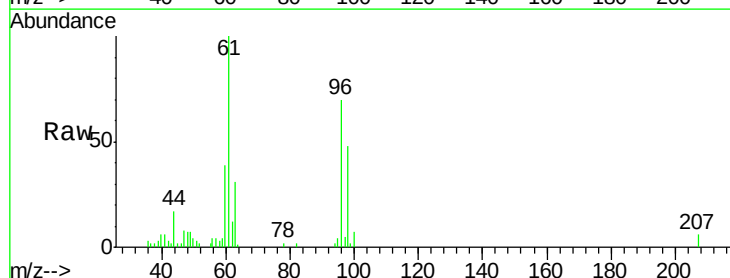
Tgt Ion: 96 Resp: 5124

Ion Ratio Lower Upper

96 100

61 143.1 107.0 160.6

98 68.1 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

3.14

4000

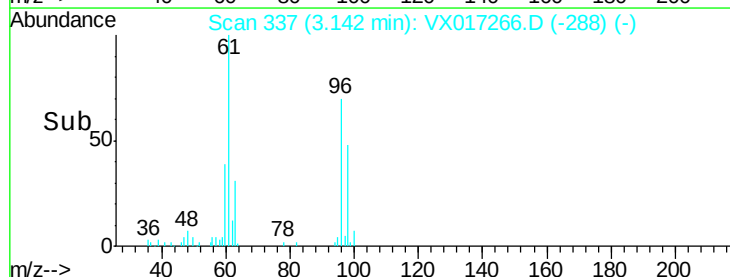
3000

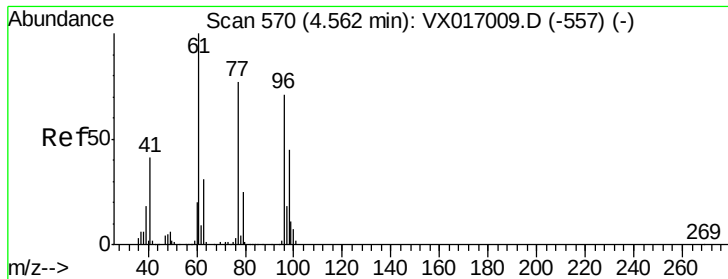
2000

1000

0

Time--> 3.10 3.15 3.20



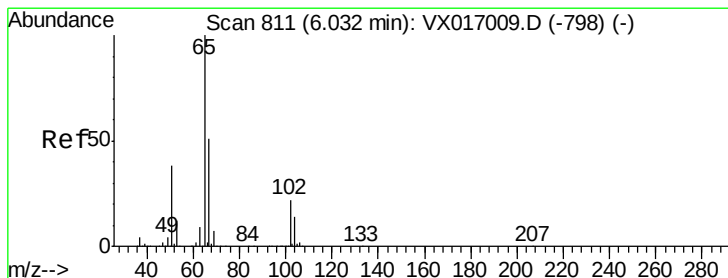
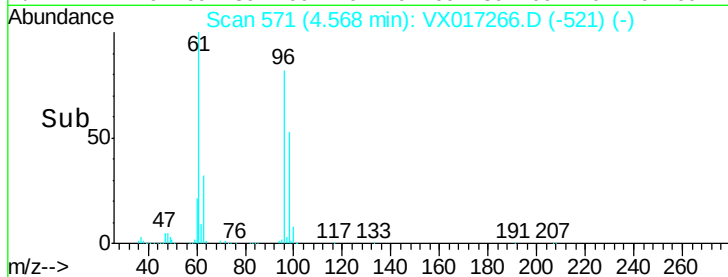
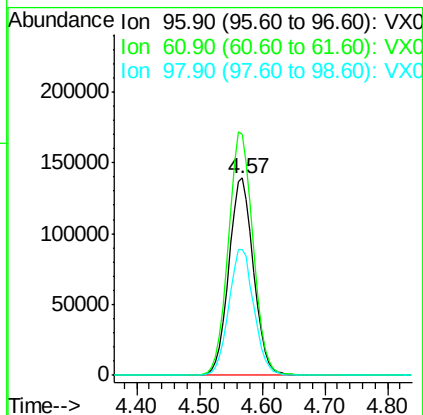
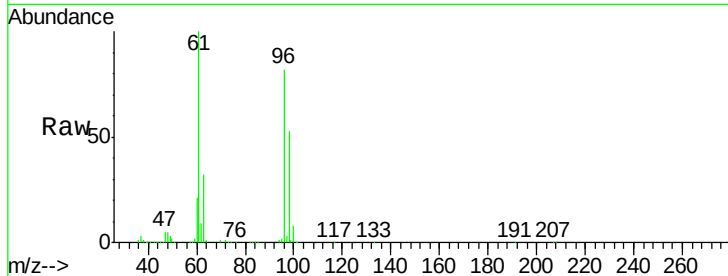


#27

cis-1,2-Dichloroethene
 Concen: 118.066 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017266.D
 Acq: 08 Jul 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 1010-MW-17A

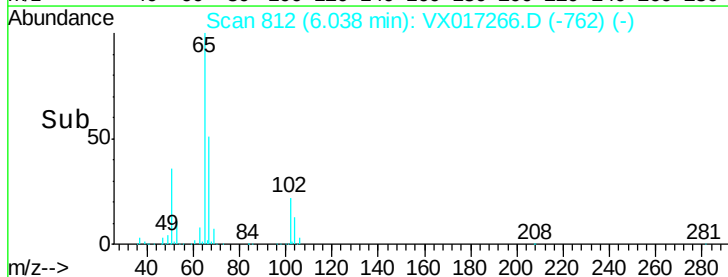
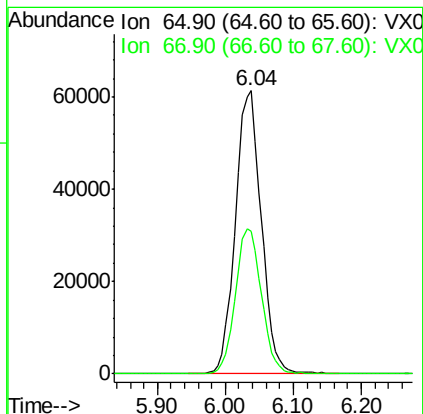
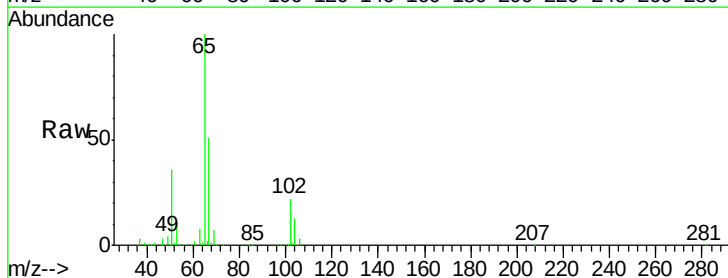
Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	282.8
98	64.9	0.0	127.6

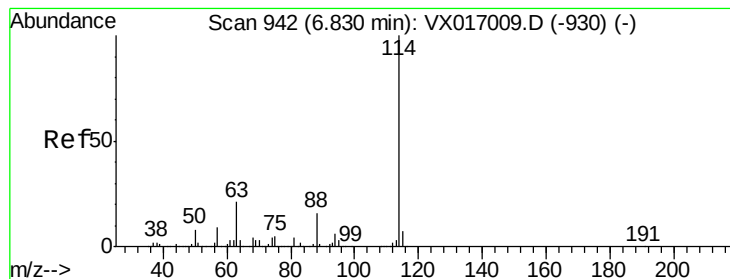


#33

1,2-Dichloroethane-d4
 Concen: 50.885 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017266.D
 Acq: 08 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

1010-MW-17A

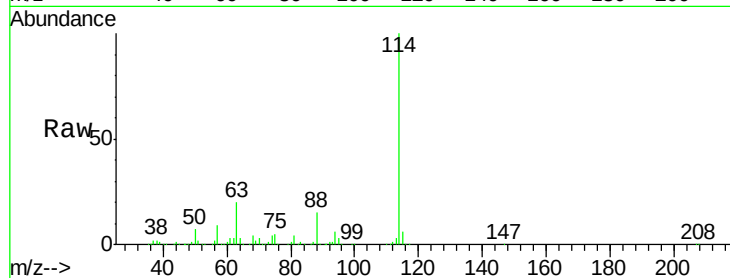
Tgt Ion:114 Resp: 423765

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

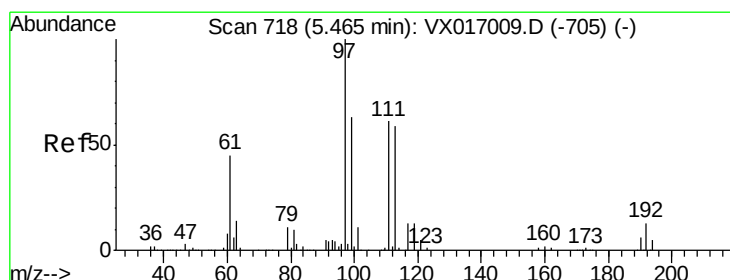
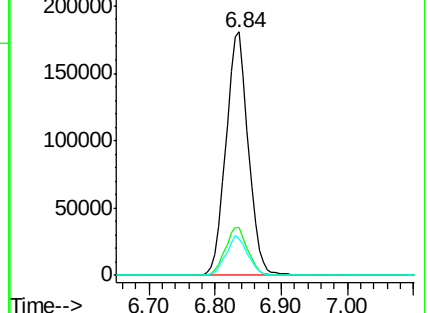
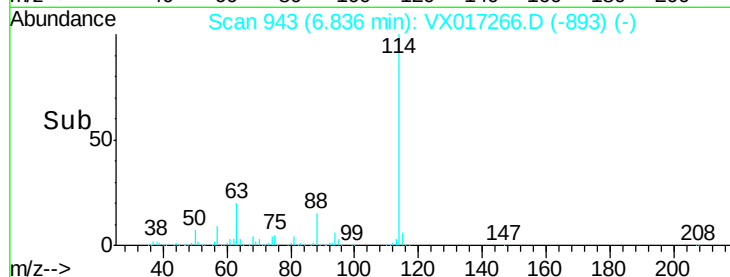
88 14.9 0.0 32.4



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: 52.073 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

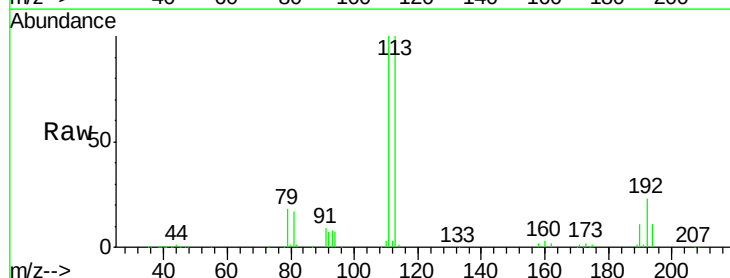
Tgt Ion:113 Resp: 139587

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

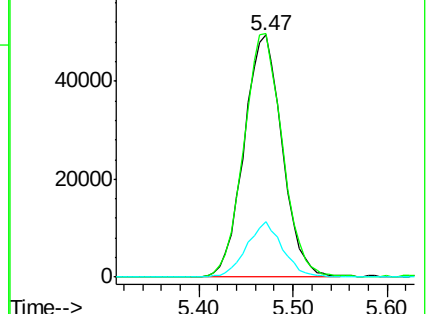
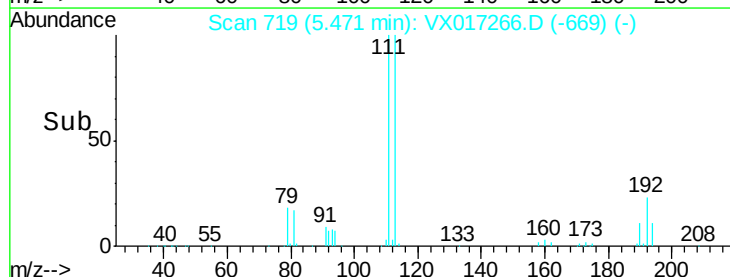
192 21.5 16.7 25.1

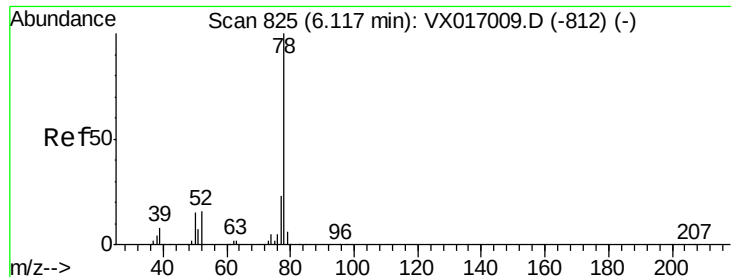


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

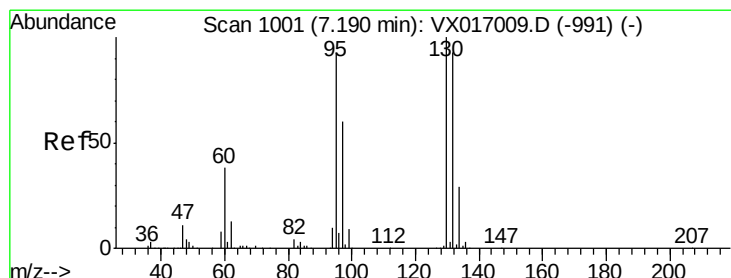
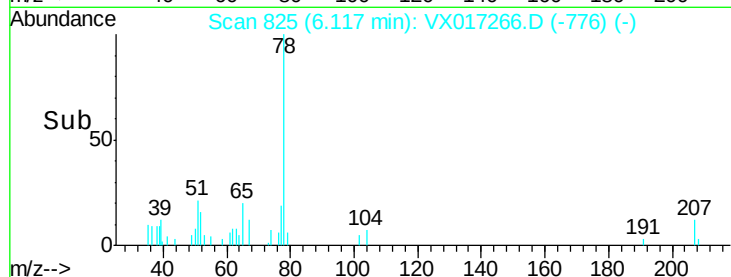
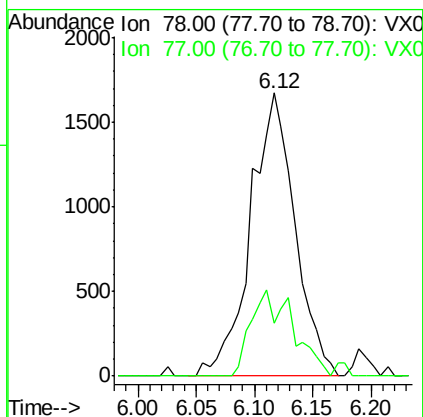
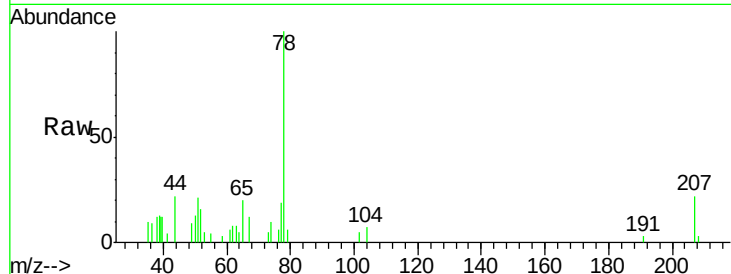




#40
Benzene
Concen: 0.377 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017266.D
Acq: 08 Jul 2020 19:15

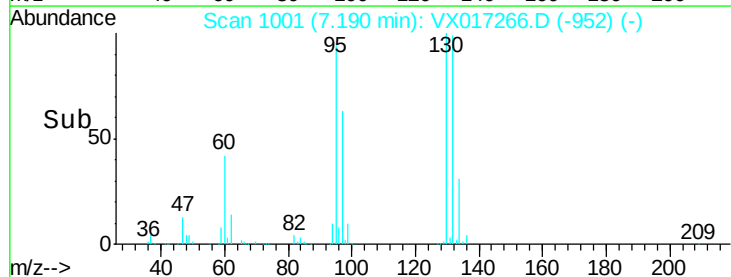
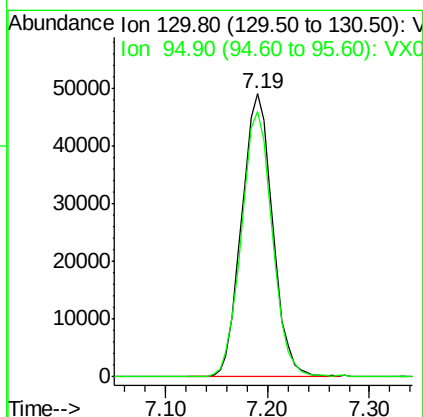
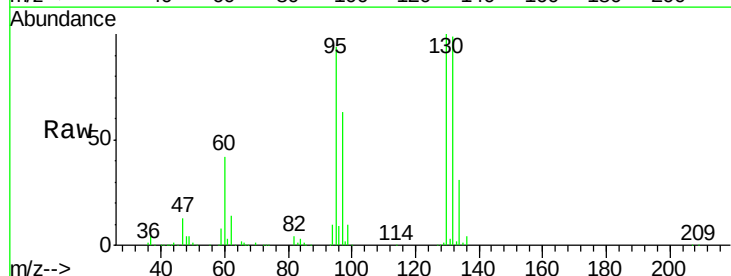
Instrument :
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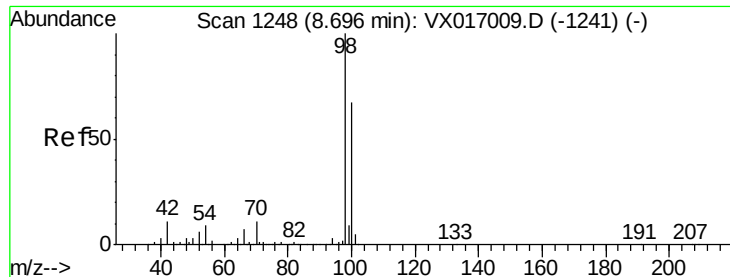
Tgt Ion: 78 Resp: 4433
Ion Ratio Lower Upper
78 100
77 18.7 18.3 27.5



#44
Trichloroethene
Concen: 31.971 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017266.D
Acq: 08 Jul 2020 19:15

Tgt Ion: 130 Resp: 104182
Ion Ratio Lower Upper
130 100
95 93.7 0.0 185.0





#50

Toluene-d8

Concen: 51.346 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

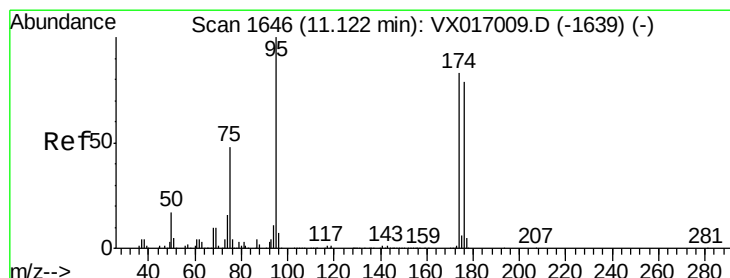
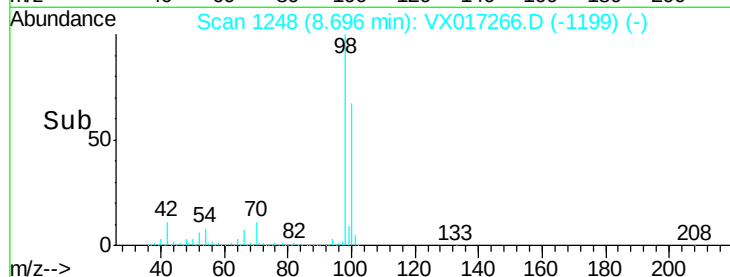
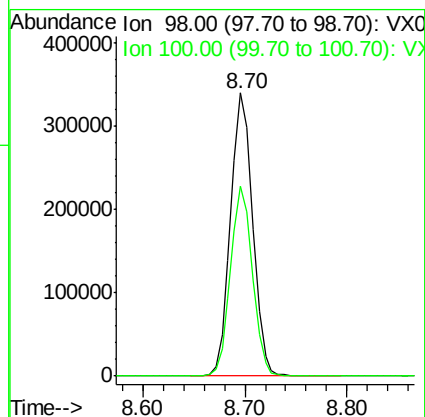
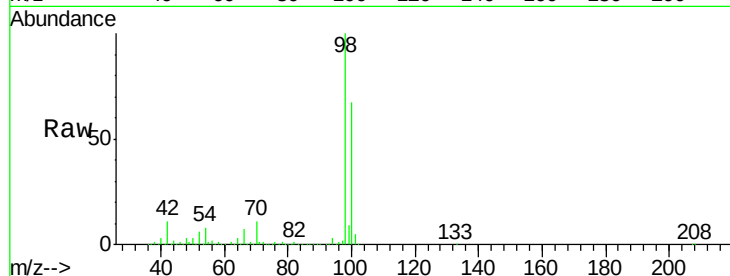
1010-MW-17A

Tgt Ion: 98 Resp: 508963

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 56.690 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

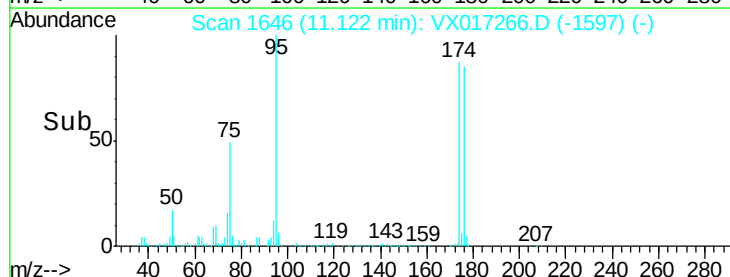
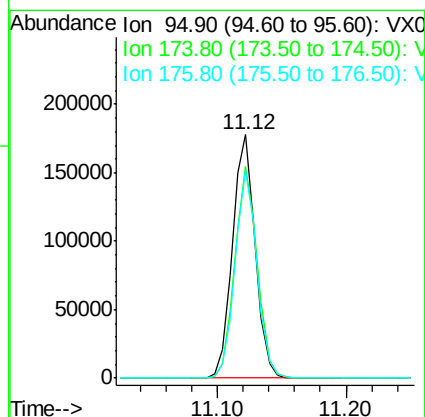
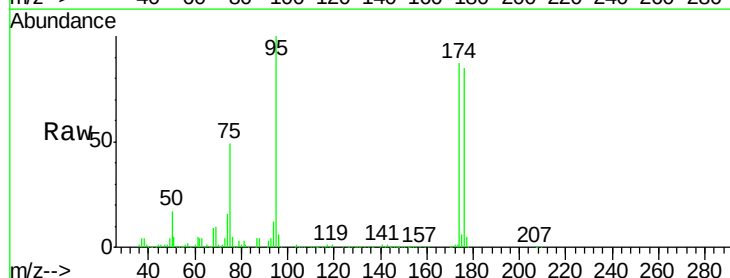
Tgt Ion: 95 Resp: 219664

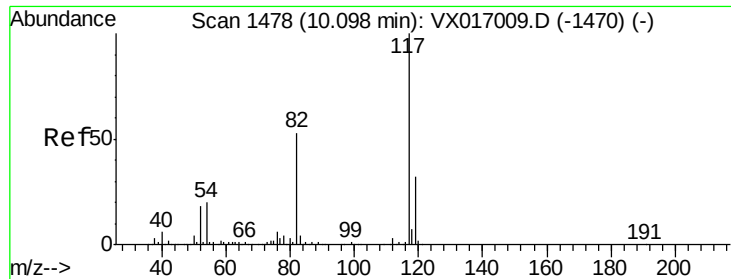
Ion Ratio Lower Upper

95 100

174 86.0 0.0 164.0

176 82.5 0.0 157.6

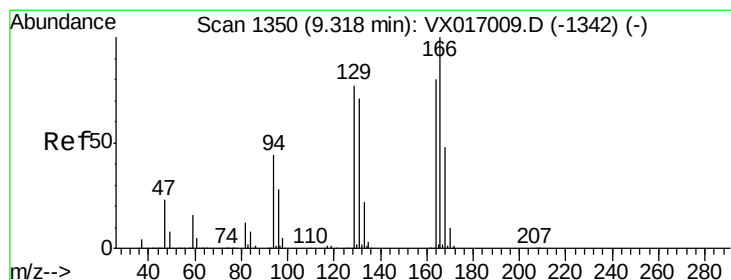
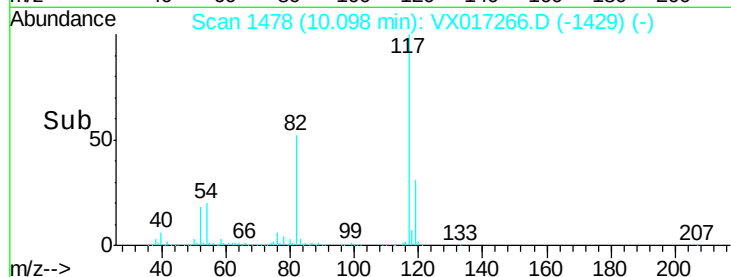
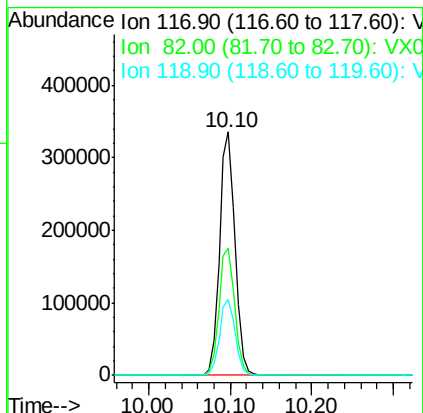
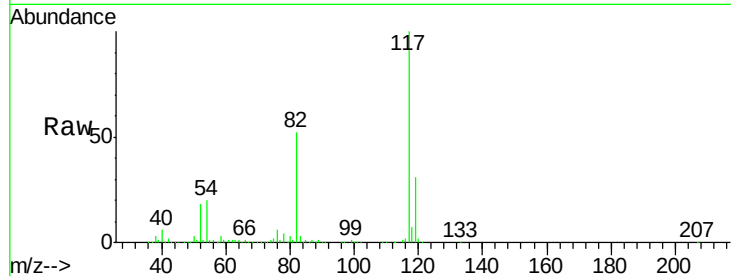




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017266.D
Acq: 08 Jul 2020 19:15

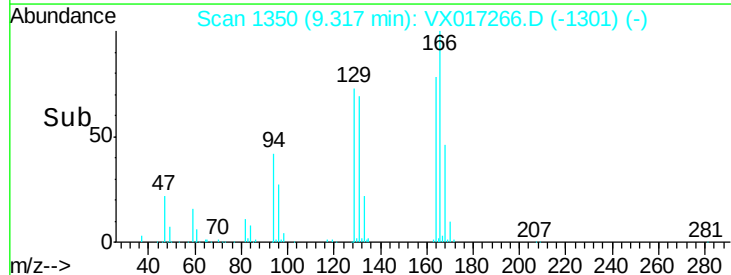
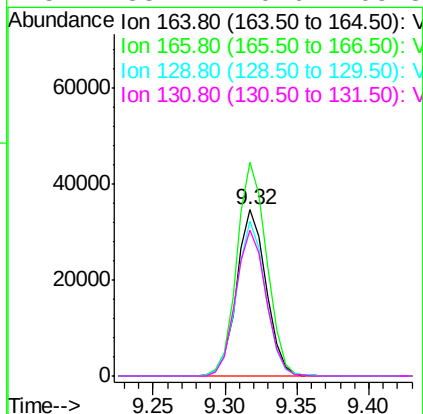
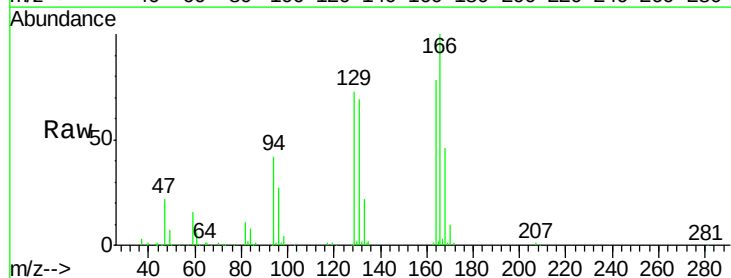
Instrument :
MSVOA_X
ClientSampleId :
1010-MW-17A

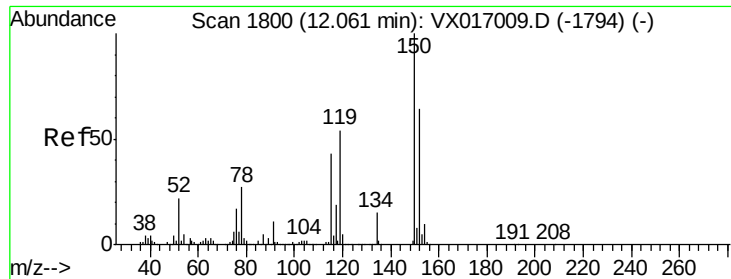
Tgt Ion:117 Resp: 445496
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 13.725 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017266.D
Acq: 08 Jul 2020 19:15

Tgt Ion:164 Resp: 49348
Ion Ratio Lower Upper
164 100
166 128.6 99.4 149.0
129 93.3 76.3 114.5
131 88.2 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: VX017266.D

Acq: 08 Jul 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

1010-MW-17A

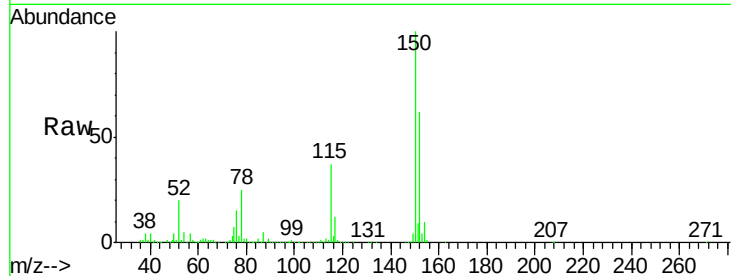
Tgt Ion:152 Resp: 242727

Ion Ratio Lower Upper

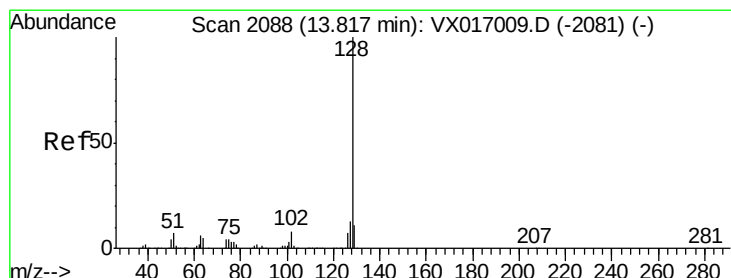
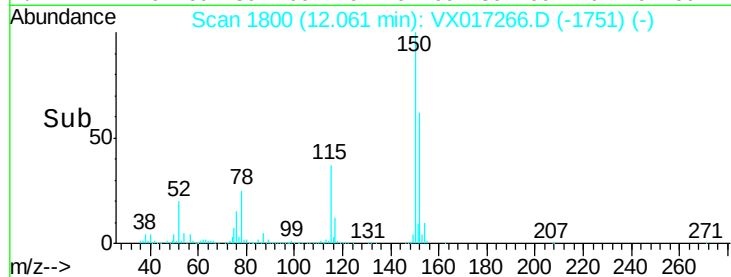
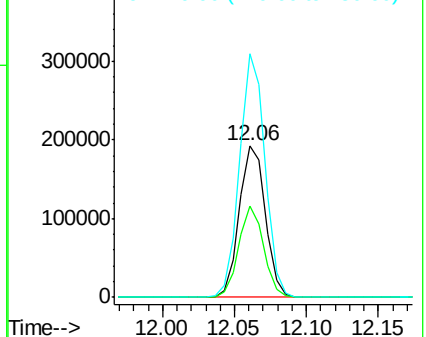
152 100

115 57.0 40.9 122.7

150 156.1 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



#95

Naphthalene

Concen: 2.749 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017266.D

Acq: 08 Jul 2020 19:15

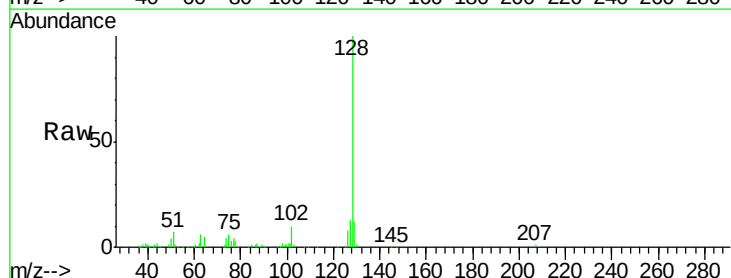
Tgt Ion:128 Resp: 42312

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

