

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004795.D
 Acq On : 28 Sep 2018 01:30
 Operator : JC/MD
 Sample : J5048-13 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-59-SEP18

Quant Time: Sep 28 13:55:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

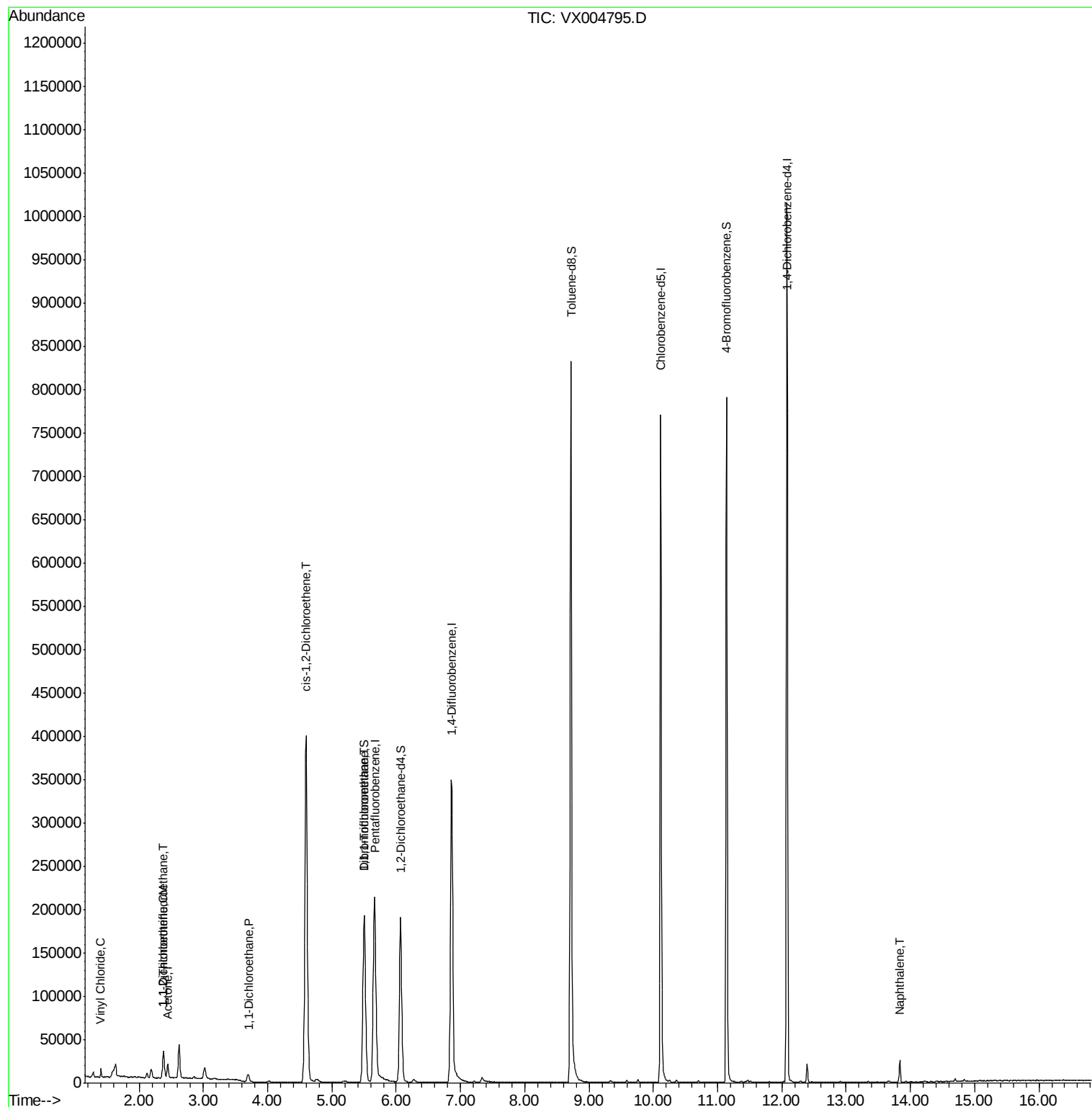
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180066	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	5.51	113	149898	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.72	98	546665	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	198323	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6646	1.882	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8111	3.258	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4878	1.978	ug/l	95
16) Acetone	2.45	43	17661	9.306	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9445	1.748	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	252969	83.899	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	17323	4.153	ug/l	98
95) Naphthalene	13.83	128	15236	1.587	ug/l	98

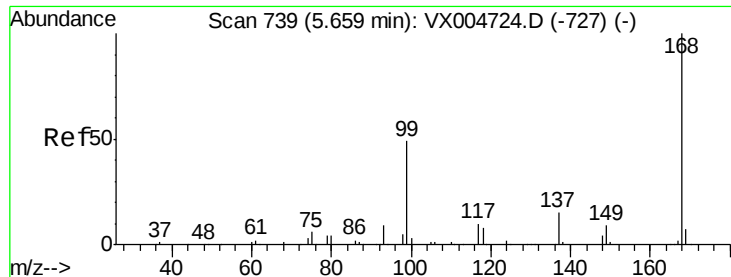
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

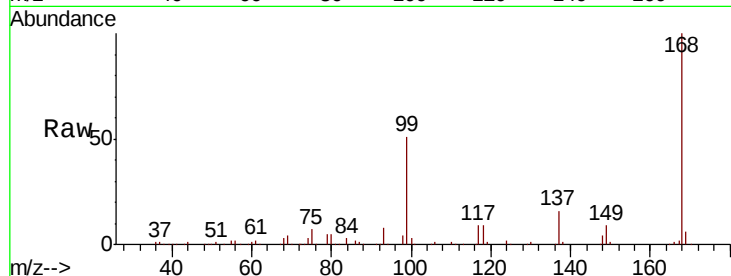
MW-59-SEP18

Tot Ion:168 Resp: 227551

Ion Ratio Lower Upper

168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

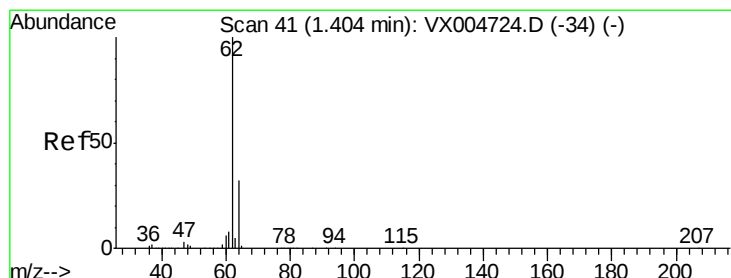
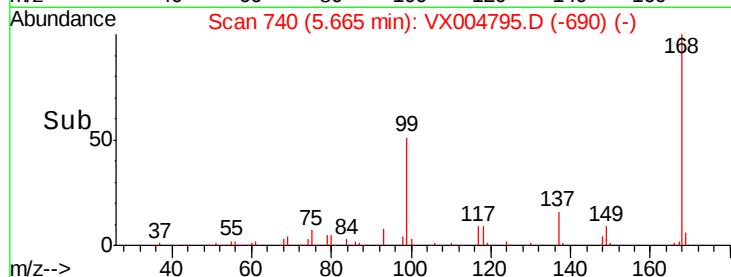
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 1.882 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004795.D

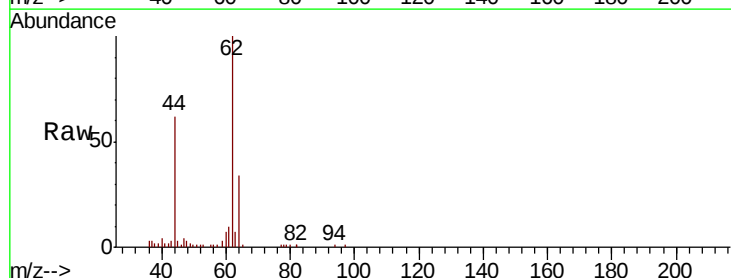
Acq: 28 Sep 2018 01:30

Tgt Ion: 62 Resp: 6646

Ion Ratio Lower Upper

62 100

64 33.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

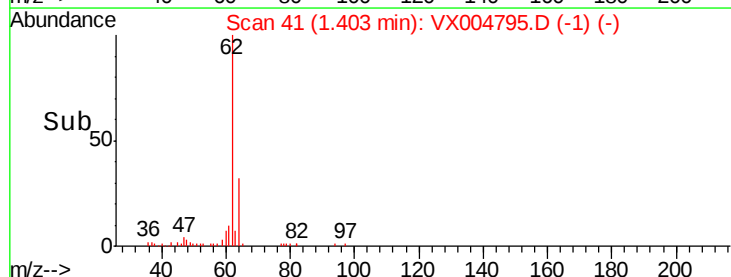
4000

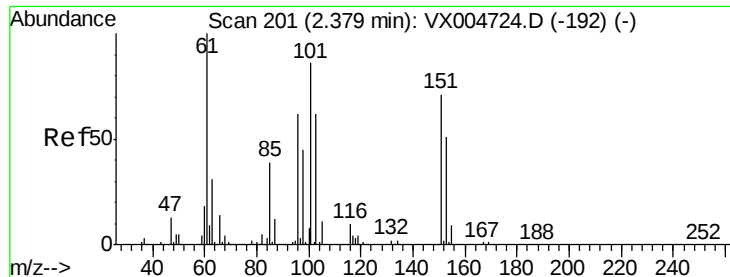
2000

0

1.35 1.40 1.45

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.258 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

MW-59-SEP18

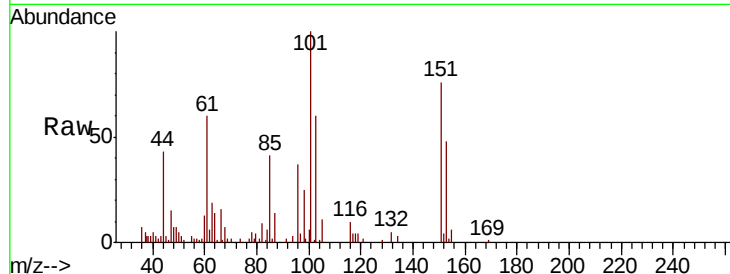
Tot Ion:101 Resp: 8111

Ion Ratio Lower Upper

101 100

85 46.1 34.2 51.4

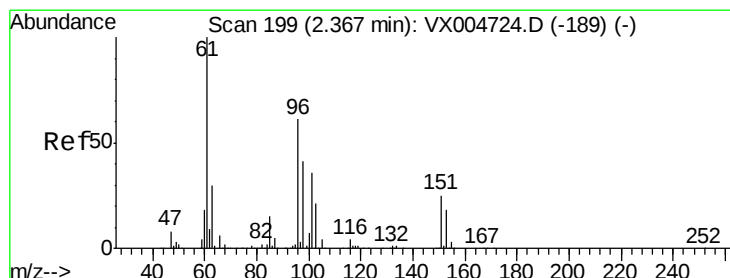
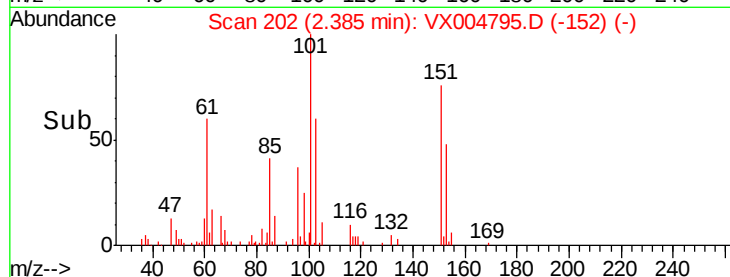
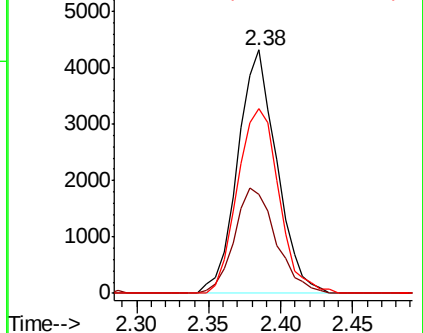
151 80.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.978 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

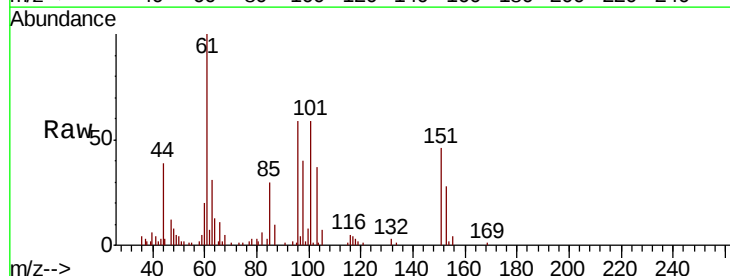
Tgt Ion: 96 Resp: 4878

Ion Ratio Lower Upper

96 100

61 168.8 128.8 193.2

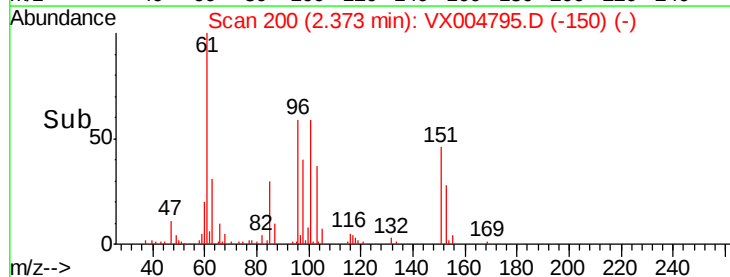
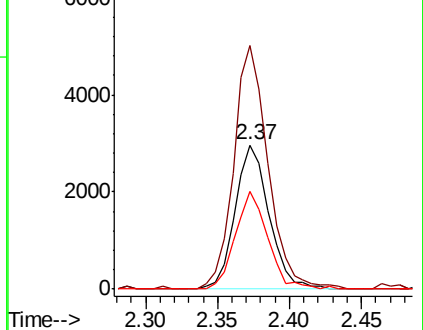
98 67.5 52.2 78.2

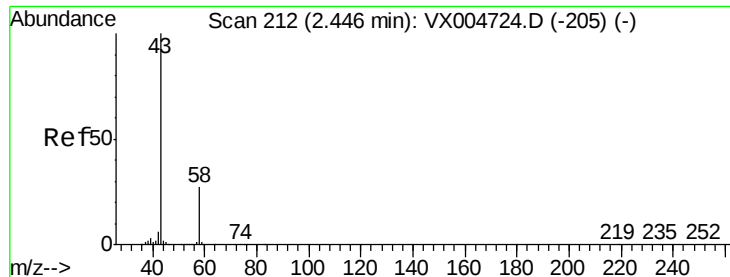


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 9.306 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

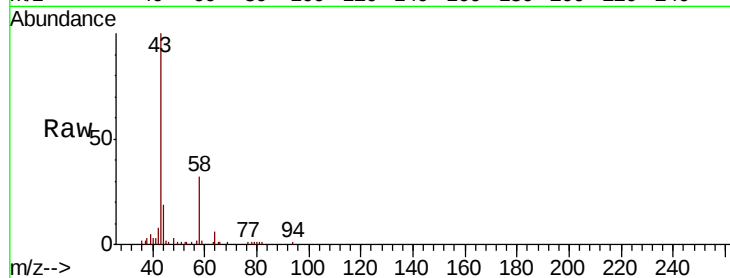
MW-59-SEP18

Tot Ion: 43 Resp: 17661

Ion Ratio Lower Upper

43 100

58 32.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

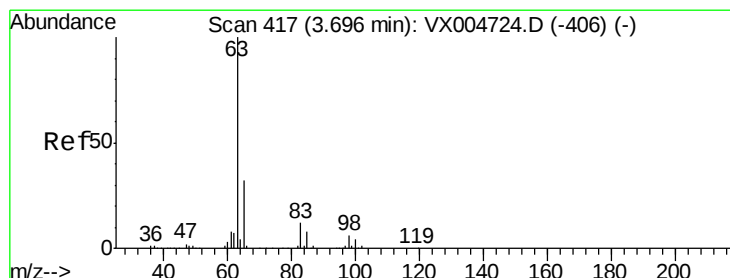
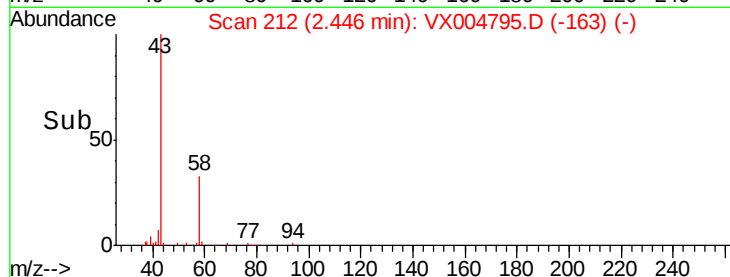
4000

2000

0

2.35 2.40 2.45 2.50

Time-->



#24

1,1-Dichloroethane

Concen: 1.748 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

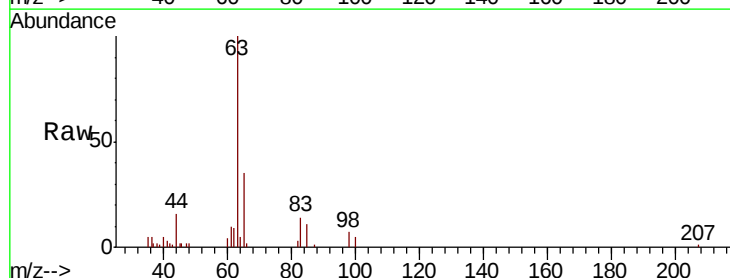
Tgt Ion: 63 Resp: 9445

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 5.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

5000

4000

3000

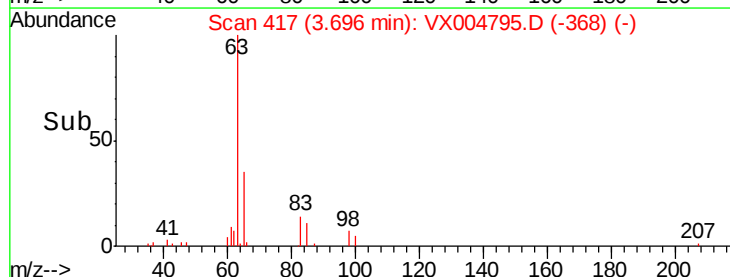
2000

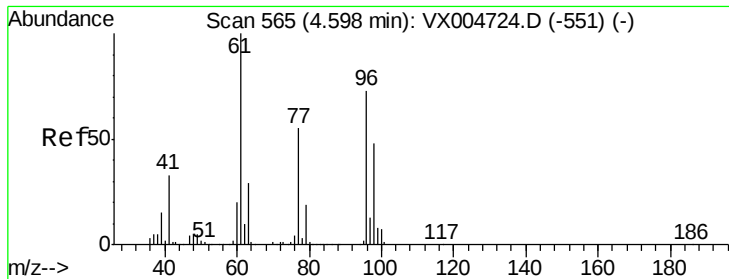
1000

0

3.60 3.65 3.70 3.75 3.80

Time-->



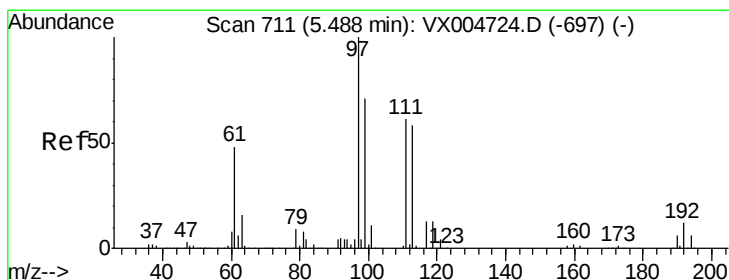
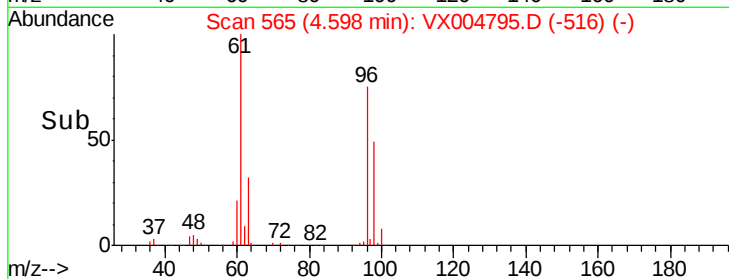
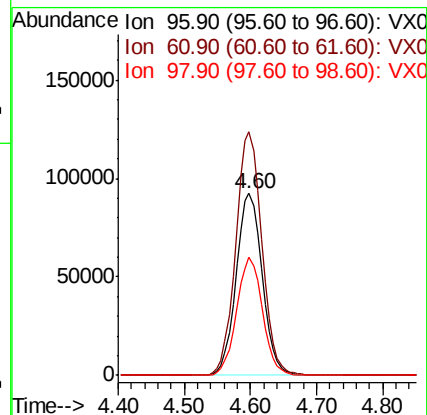
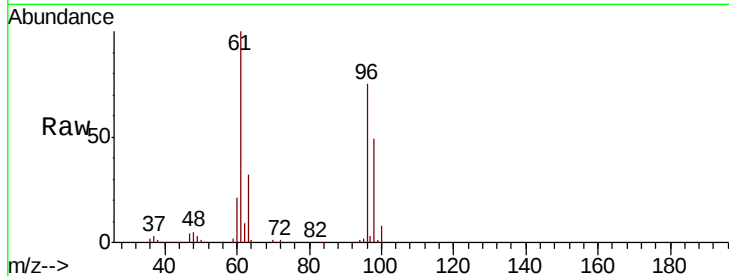


#27

cis-1,2-Dichloroethene
Concen: 83.899 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

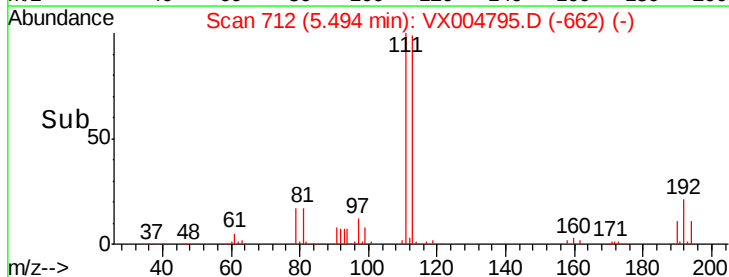
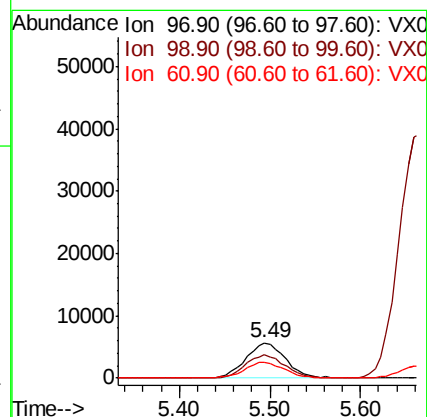
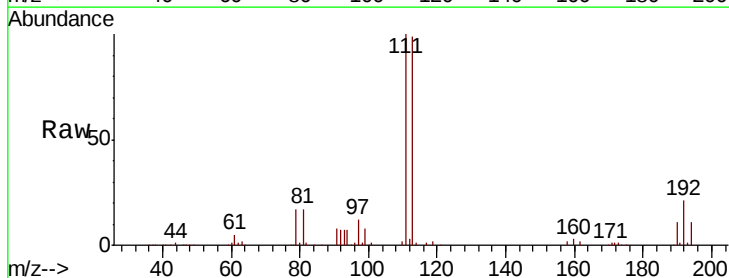
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	282.6
98	64.6	0.0	130.2

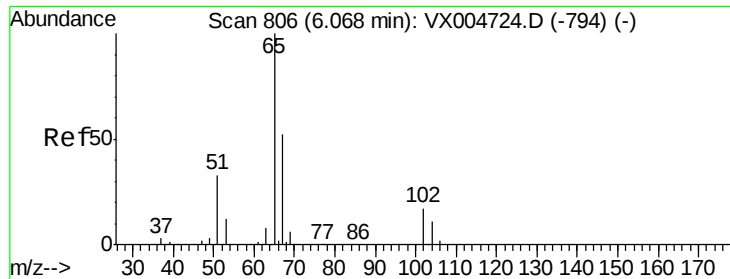


#32

1,1,1-Trichloroethane
Concen: 4.153 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.0	78.0
61	45.2	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 55.395 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

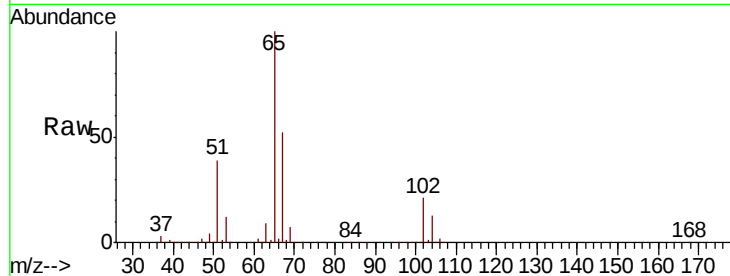
MW-59-SEP18

Tot Ion: 65 Resp: 180066

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

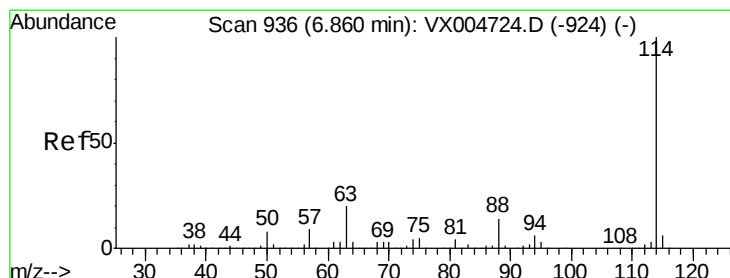
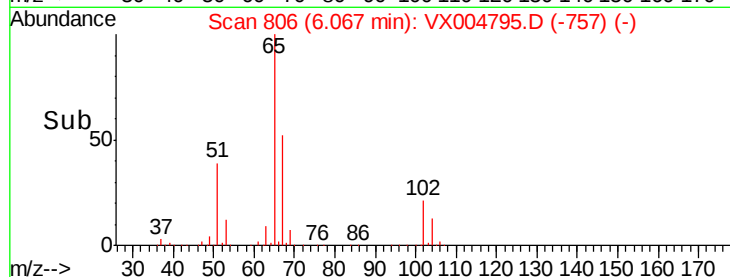
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

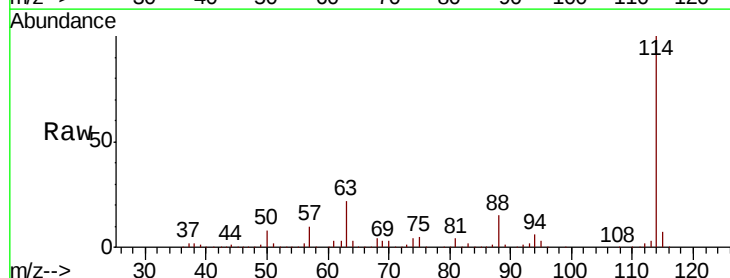
Tgt Ion: 114 Resp: 371286

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.0

88 15.1 0.0 30.4



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

200000

150000

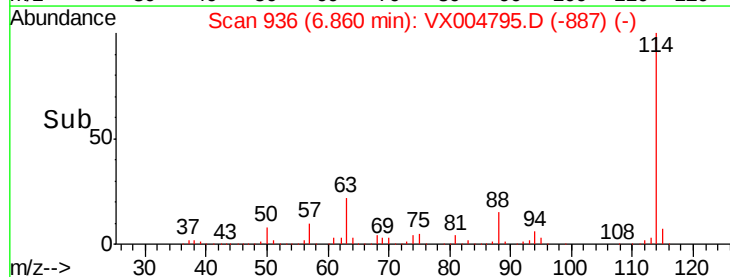
100000

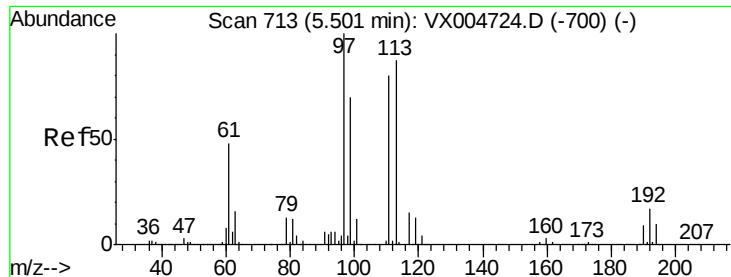
50000

0

Time-->

6.70 6.80 6.90 7.00

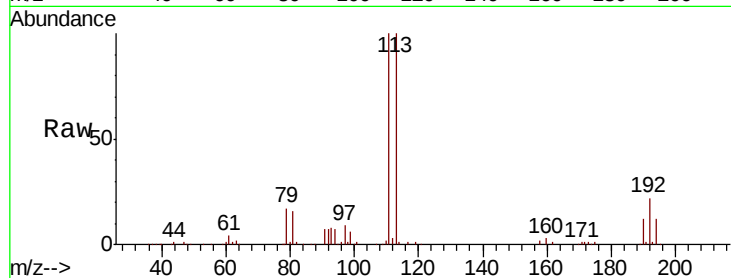




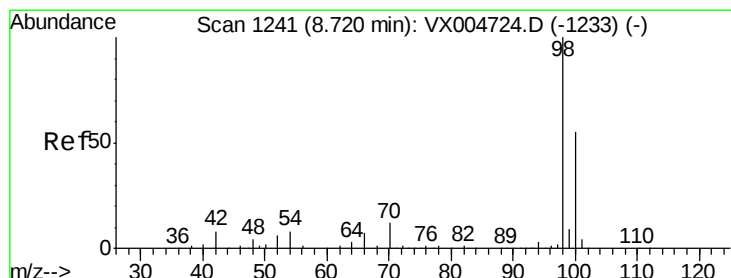
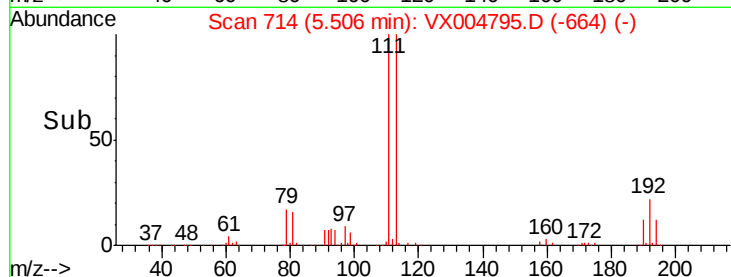
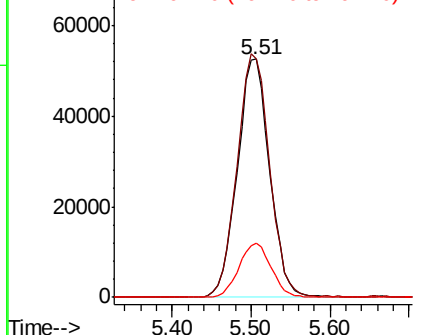
#35
 Dibromofluoromethane
 Concen: 47.637 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004795.D
 Acq: 28 Sep 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-59-SEP18

Tot Ion:113 Resp: 149898
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 22.8 19.4 29.2

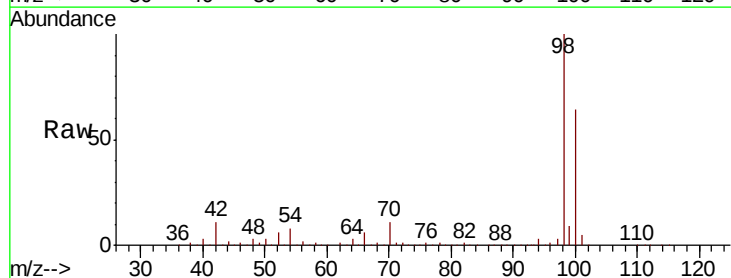


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

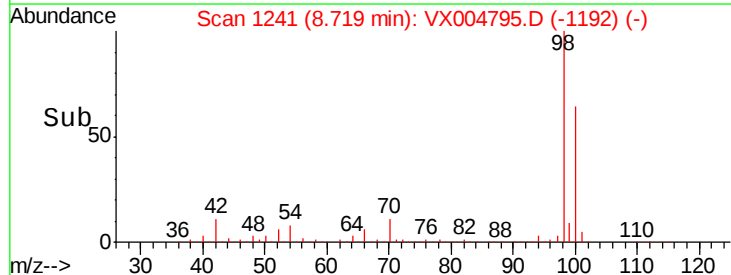
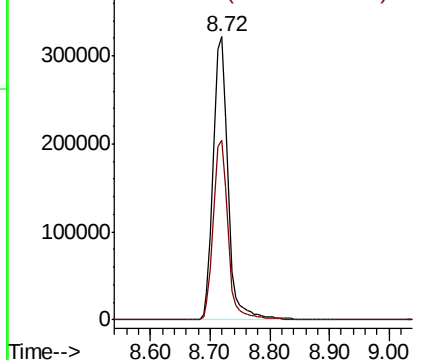


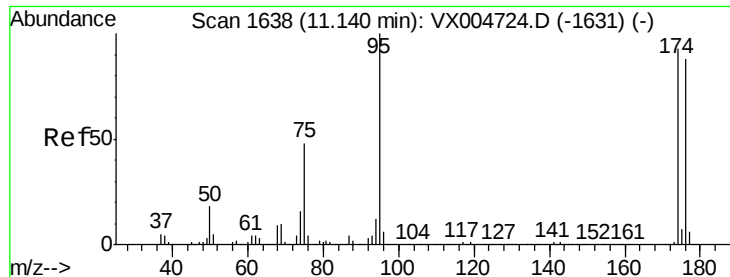
#50
 Toluene-d8
 Concen: 52.257 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004795.D
 Acq: 28 Sep 2018 01:30

Tgt Ion: 98 Resp: 546665
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 52.624 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

MW-59-SEP18

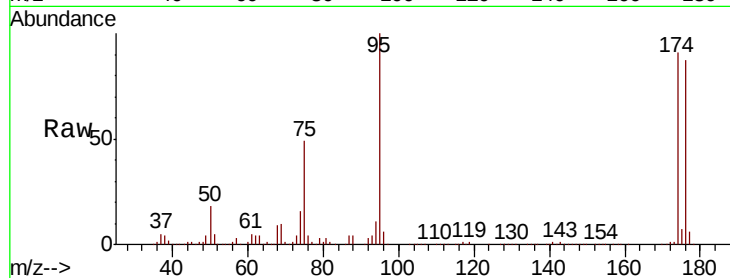
Tot Ion: 95 Resp: 198323

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

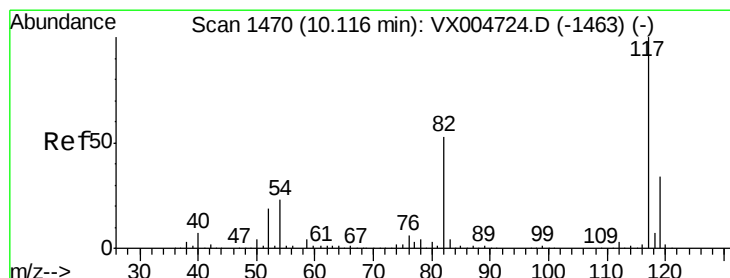
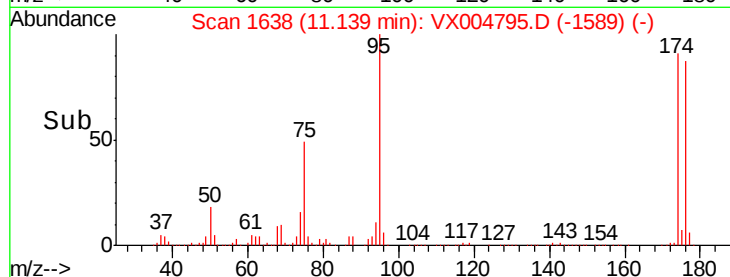
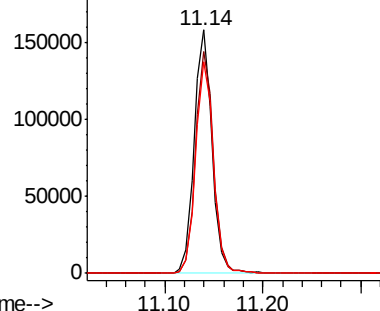
176 87.6 0.0 178.6



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

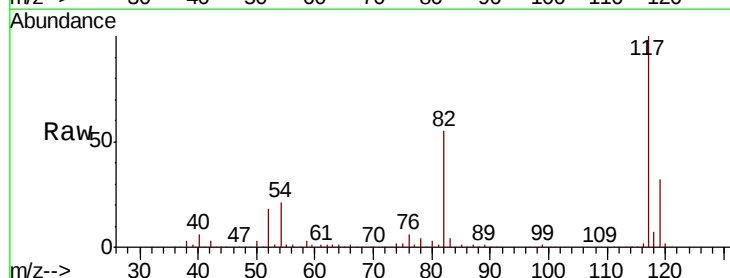
Tgt Ion: 117 Resp: 372105

Ion Ratio Lower Upper

117 100

82 54.7 47.8 71.6

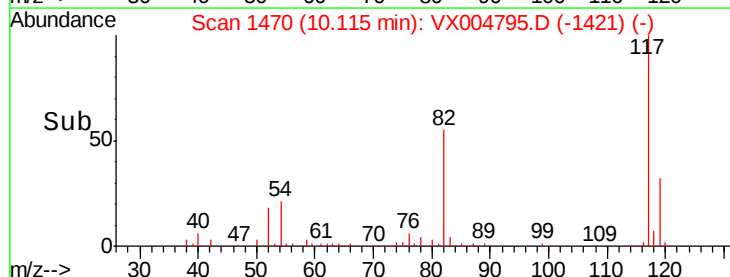
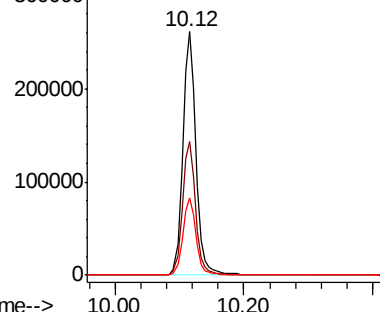
119 31.8 29.3 43.9

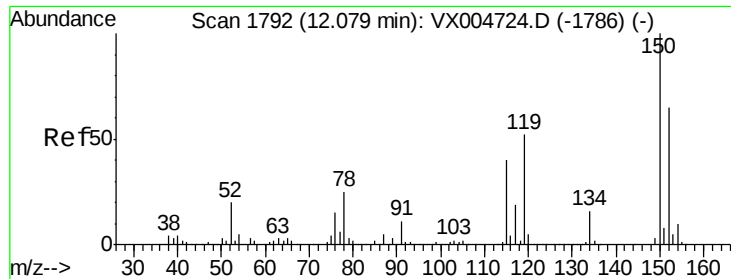


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

MW-59-SEP18

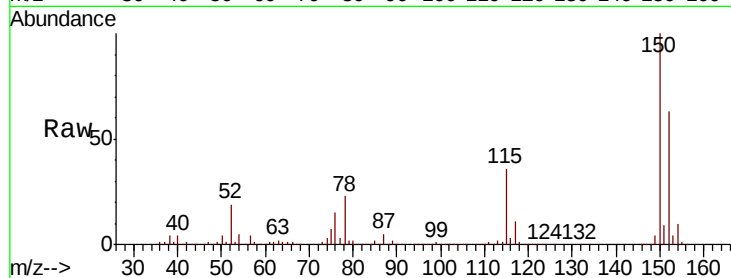
Tot Ion:152 Resp: 208047

Ion Ratio Lower Upper

152 100

115 55.9 39.0 117.0

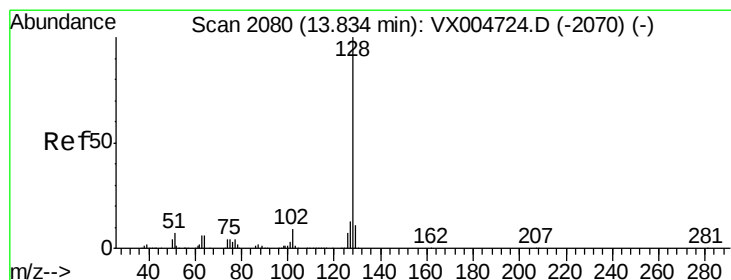
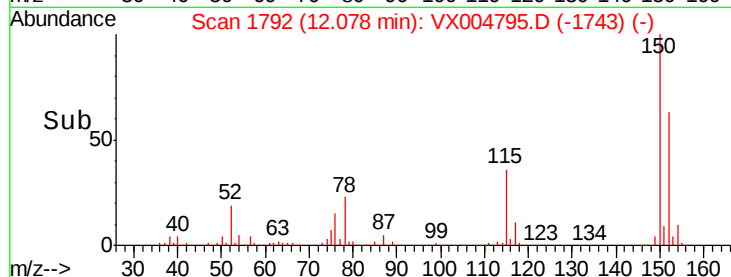
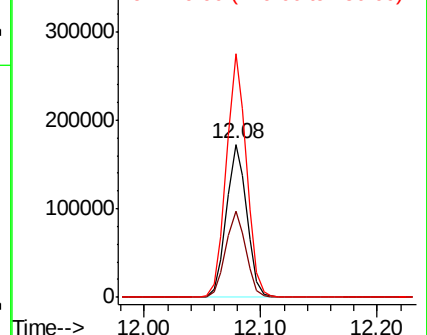
150 156.9 0.0 351.0



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: 1.587 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004795.D

Acq: 28 Sep 2018 01:30

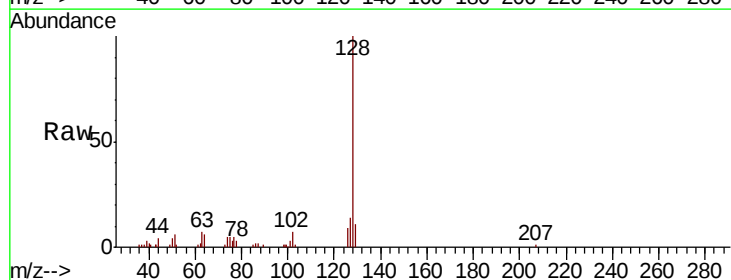
Tgt Ion:128 Resp: 15236

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.7 8.6 12.8



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

