

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009019.D
 Acq On : 17 Apr 2019 16:57
 Operator : JC/SP
 Sample : K2448-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008RW258-190415

Quant Time: Apr 18 03:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

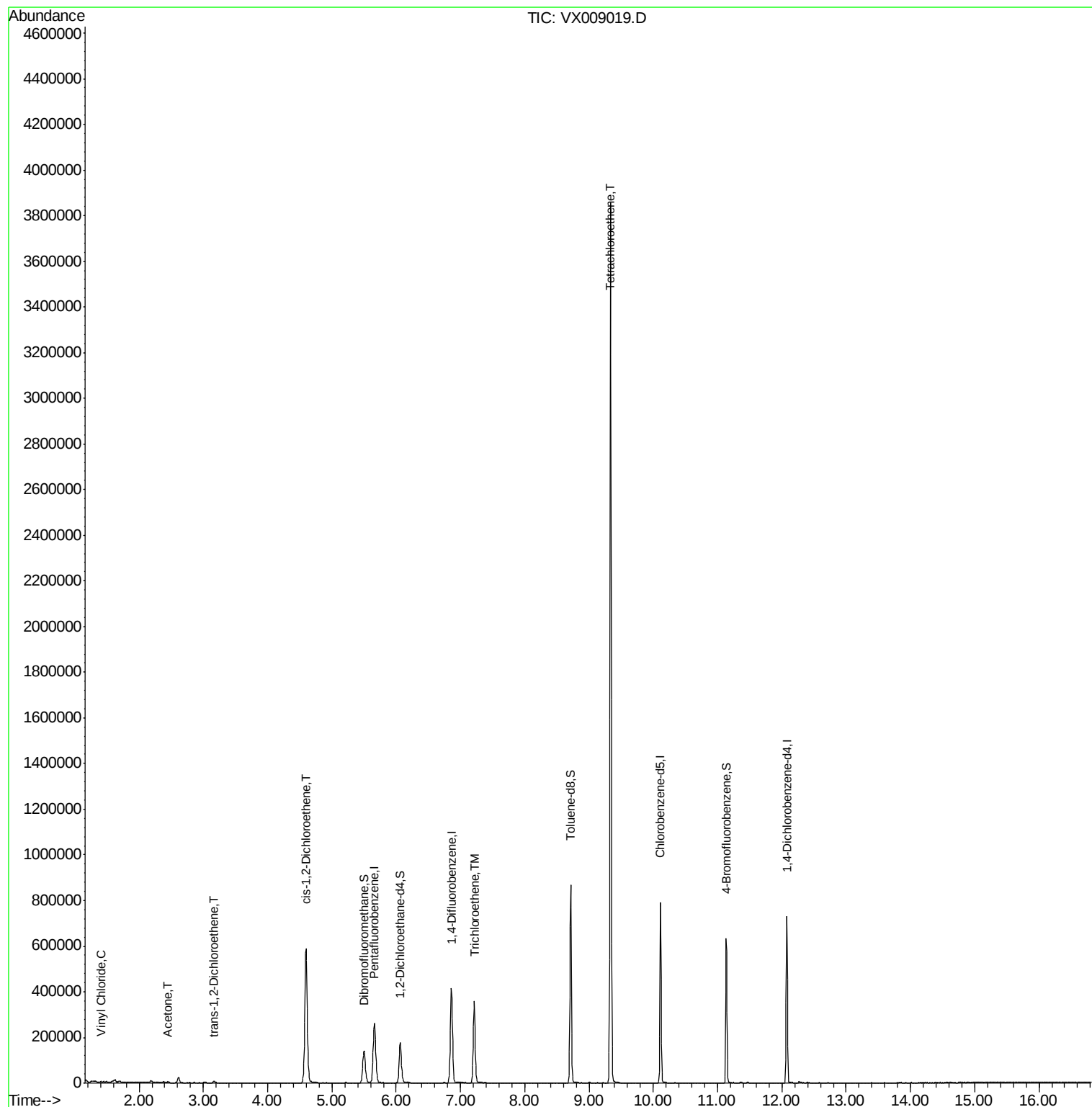
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165953	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	5.50	113	121937	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	8.71	98	502597	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	167889	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2643	0.755	ug/l	98
16) Acetone	2.45	43	4809	2.587	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	2499	0.859	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	364568	110.358	ug/l	90
44) Trichloroethene	7.21	130	134129	43.950	ug/l	98
64) Tetrachloroethene	9.34	164	732536	275.230	ug/l	98

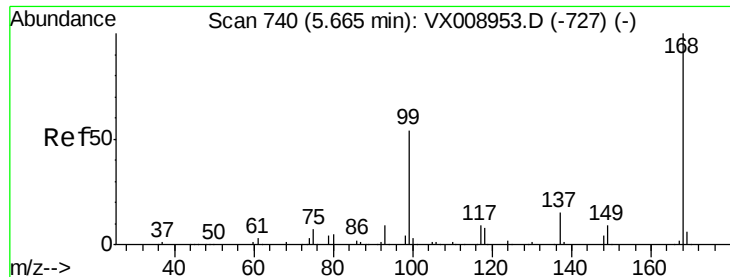
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

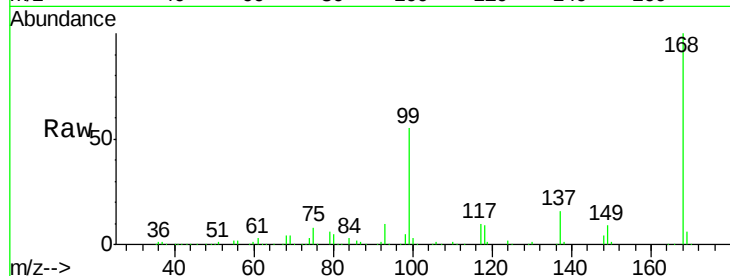
ST008RW258-190415

Tot Ion:168 Resp: 254376

Ion Ratio Lower Upper

168 100

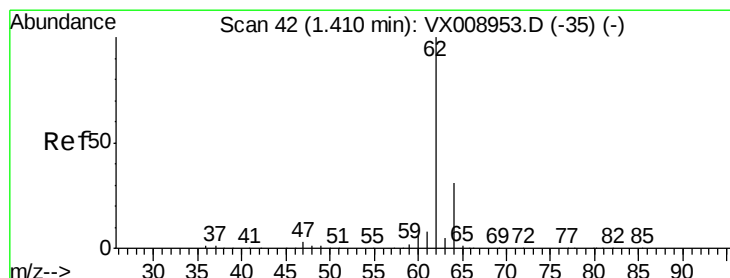
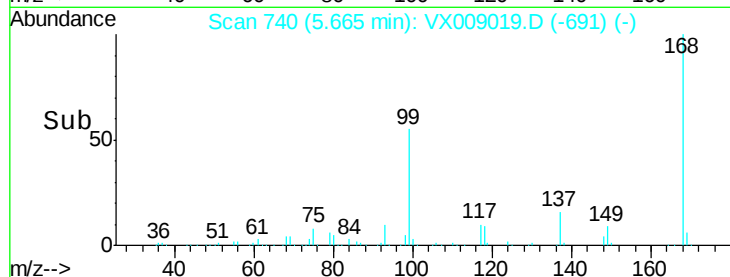
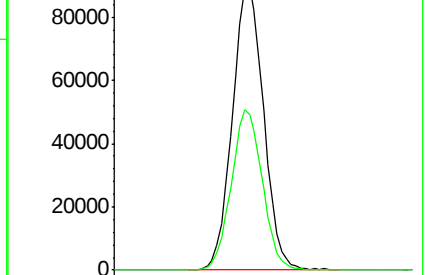
99 54.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#4

Vinyl Chloride

Concen: 0.755 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009019.D

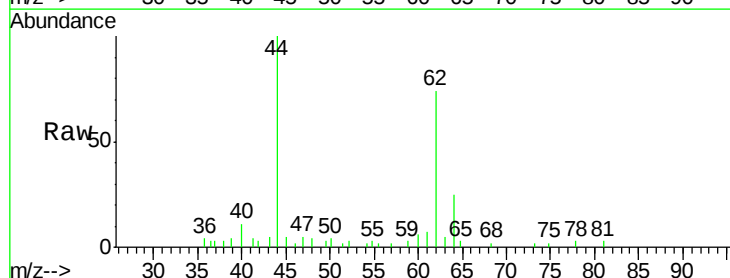
Acq: 17 Apr 2019 16:57

Tgt Ion: 62 Resp: 2643

Ion Ratio Lower Upper

62 100

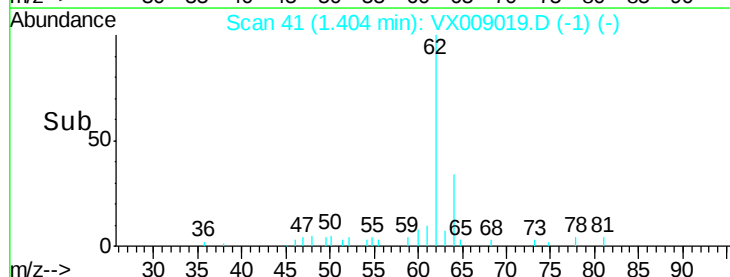
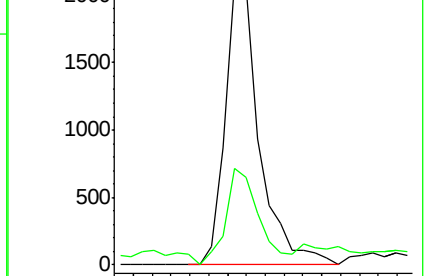
64 30.2 25.0 37.4

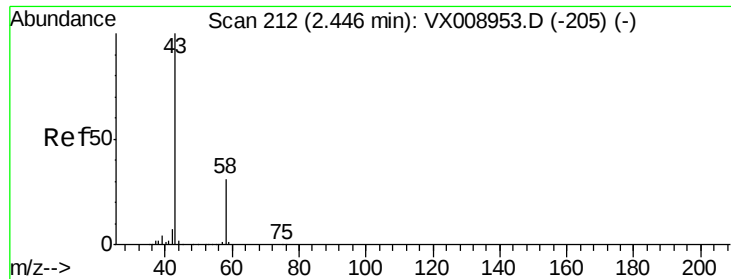


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

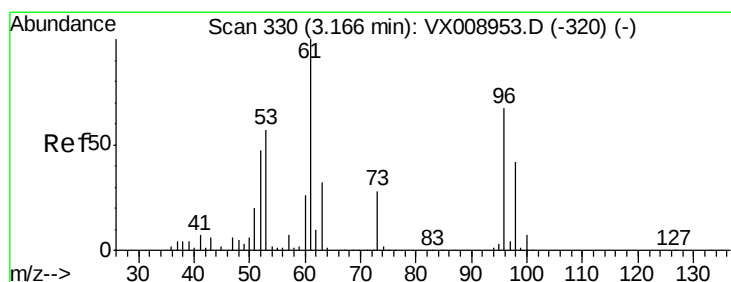
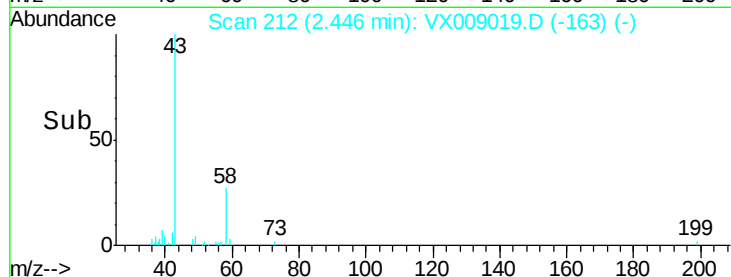
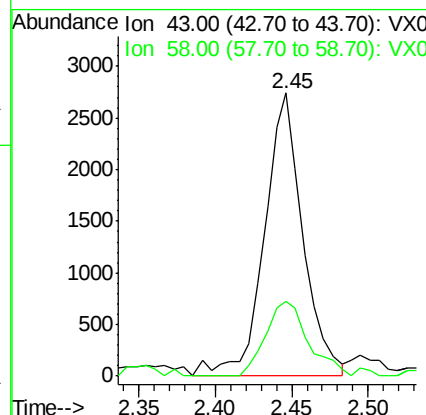
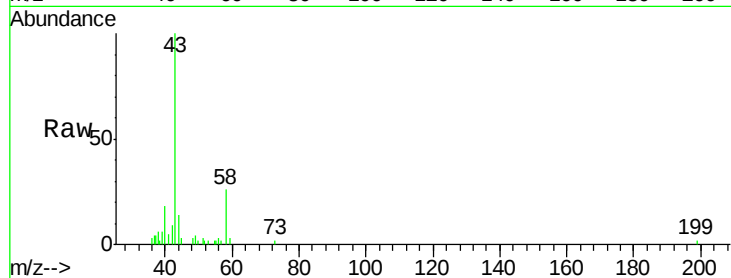




#16
Acetone
Concen: 2.587 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009019.D
Acq: 17 Apr 2019 16:57

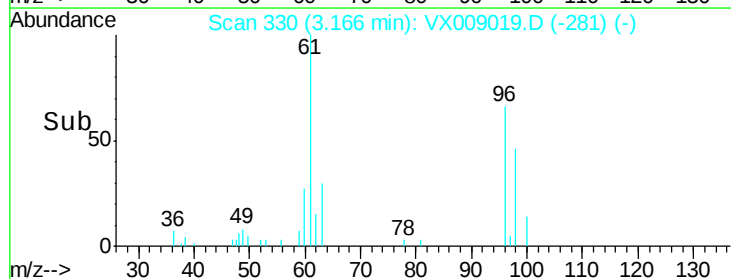
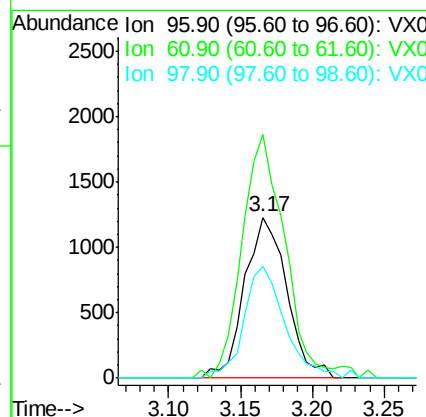
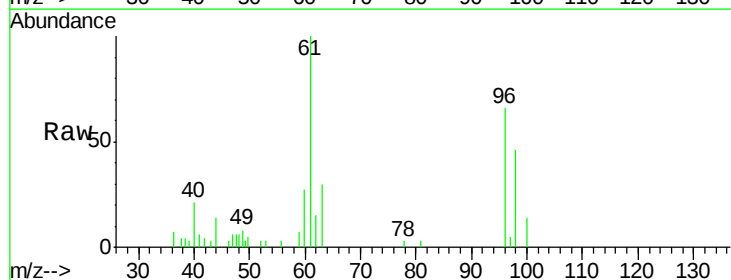
Instrument :
MSVOA_X
ClientSampleId :
ST008RW258-190415

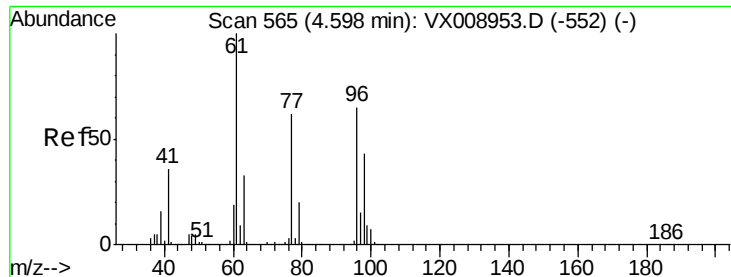
Tot Ion: 43 Resp: 4809
Ion Ratio Lower Upper
43 100
58 26.3 24.8 37.2



#21
trans-1,2-Dichloroethene
Concen: 0.859 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009019.D
Acq: 17 Apr 2019 16:57

Tgt Ion: 96 Resp: 2499
Ion Ratio Lower Upper
96 100
61 151.8 120.3 180.5
98 69.4 50.2 75.2



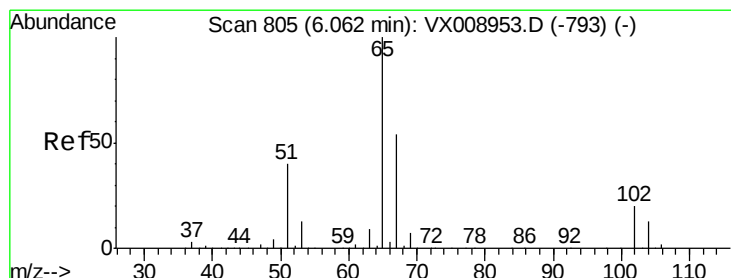
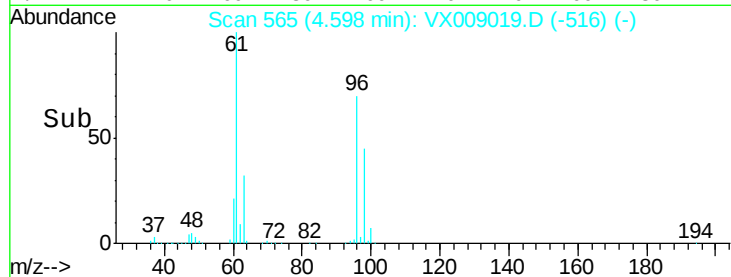
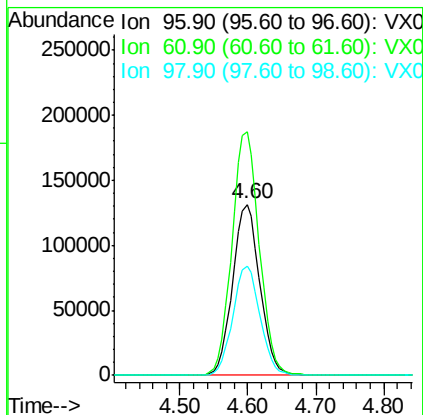
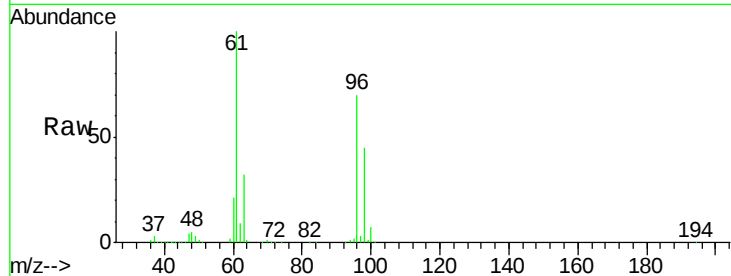


#27

cis-1,2-Dichloroethene
 Concen: 110.358 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009019.D
 Acq: 17 Apr 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008RW258-190415

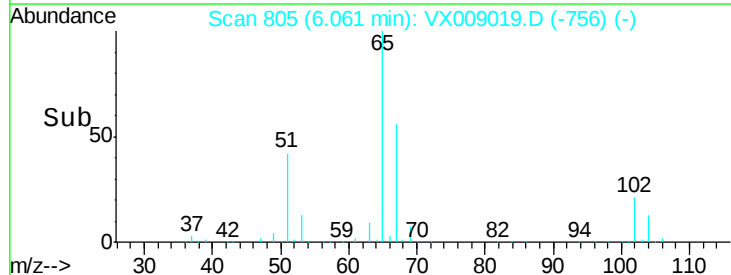
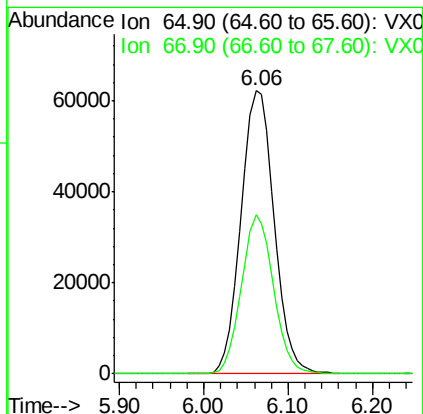
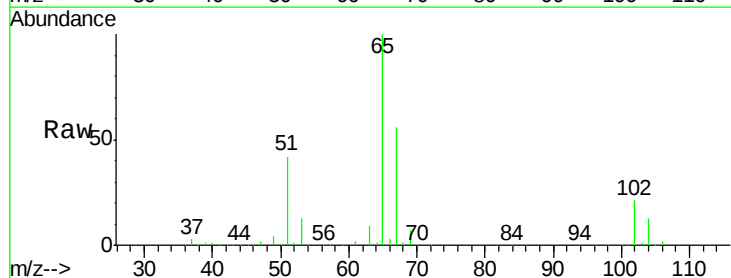
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	322.0
98	64.2	0.0	128.4

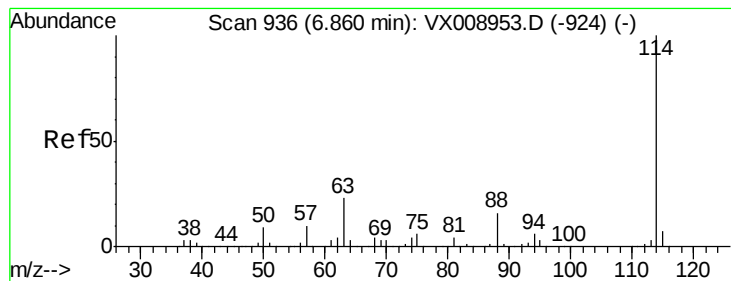


#33

1,2-Dichloroethane-d4
 Concen: 46.292 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009019.D
 Acq: 17 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

ST008RW258-190415

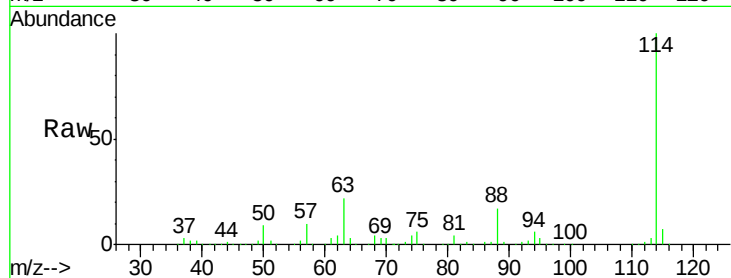
Tot Ion:114 Resp: 408241

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.0

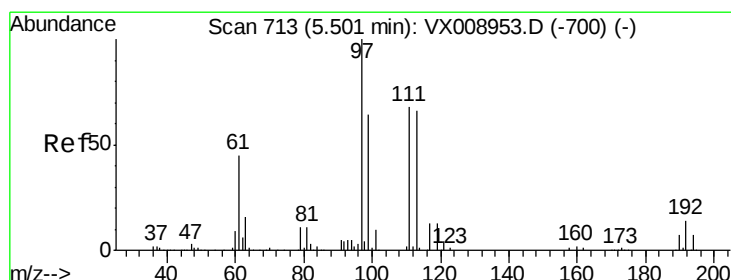
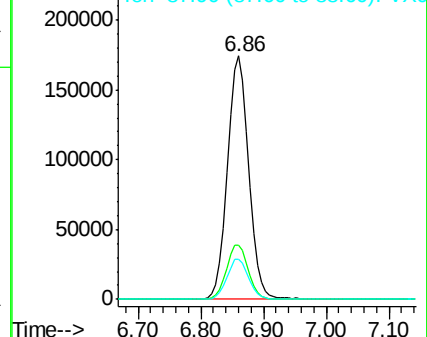
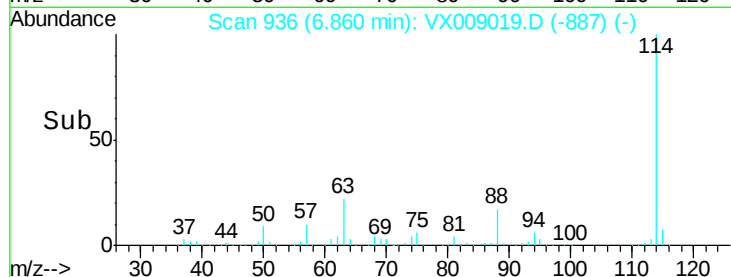
88 16.5 0.0 32.6



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: 46.541 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

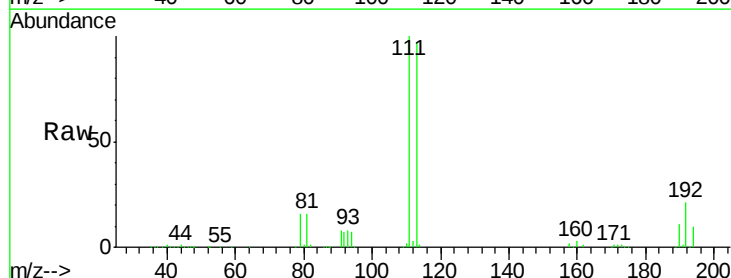
Tgt Ion:113 Resp: 121937

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

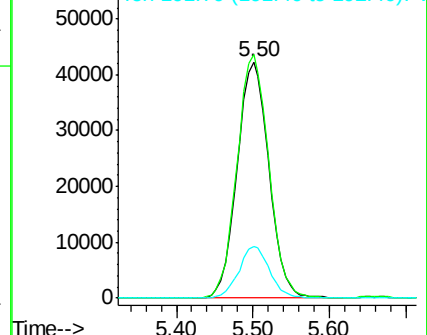
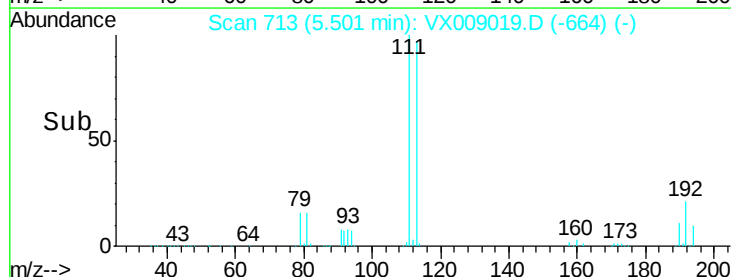
192 21.3 17.4 26.0

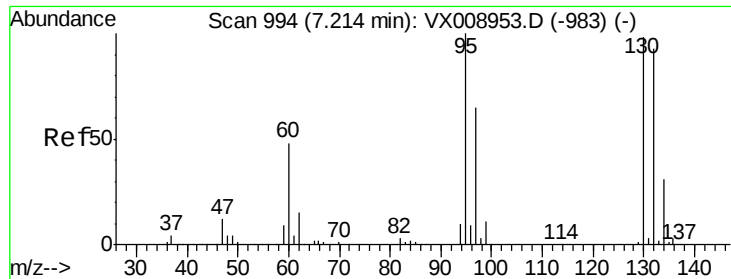


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 43.950 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

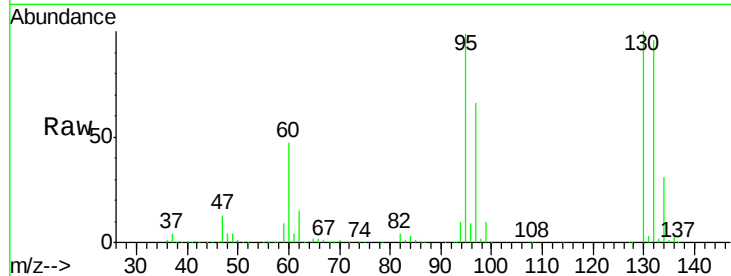
ST008RW258-190415

Tot Ion:130 Resp: 134129

Ion Ratio Lower Upper

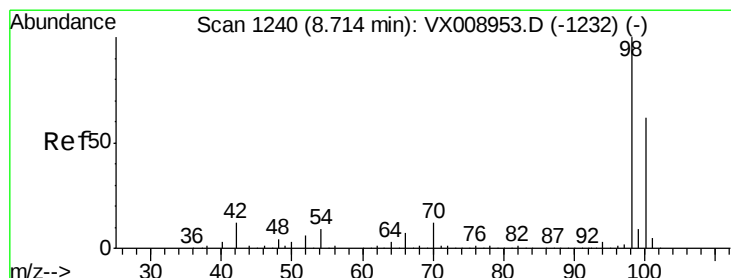
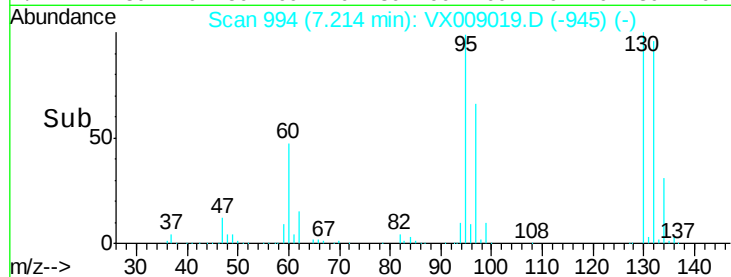
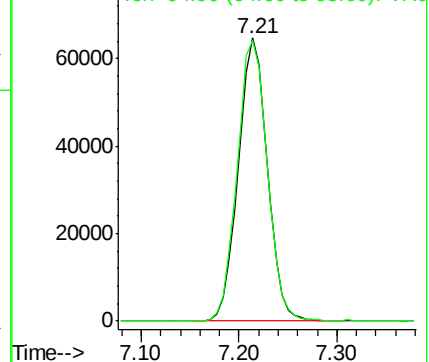
130 100

95 99.4 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.101 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009019.D

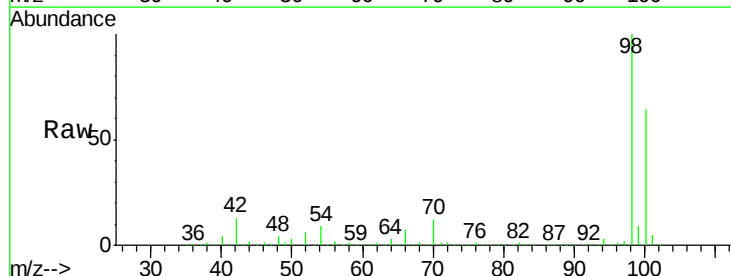
Acq: 17 Apr 2019 16:57

Tgt Ion: 98 Resp: 502597

Ion Ratio Lower Upper

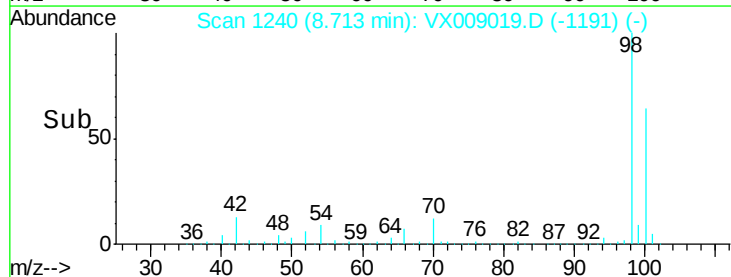
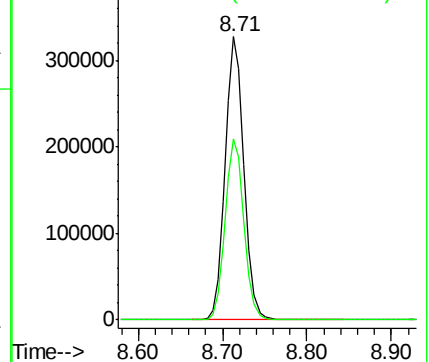
98 100

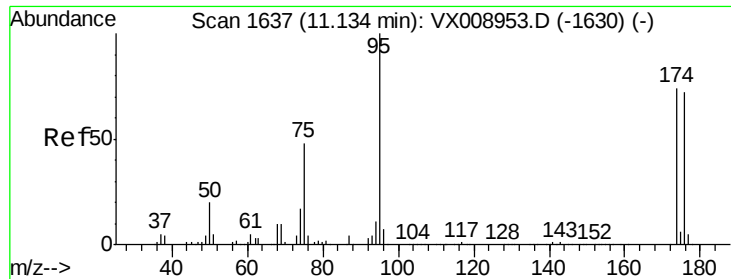
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

Instrument :

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ClientSampleId :

ST008RW258-190415

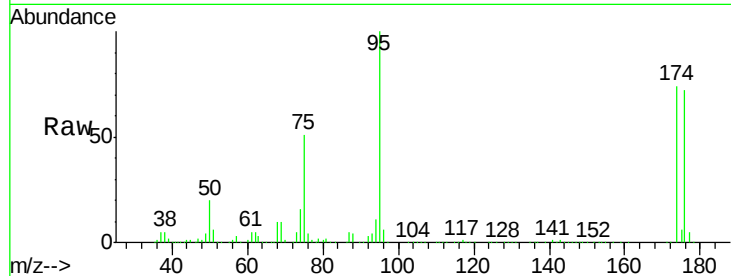
Tot Ion: 95 Resp: 167889

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.6

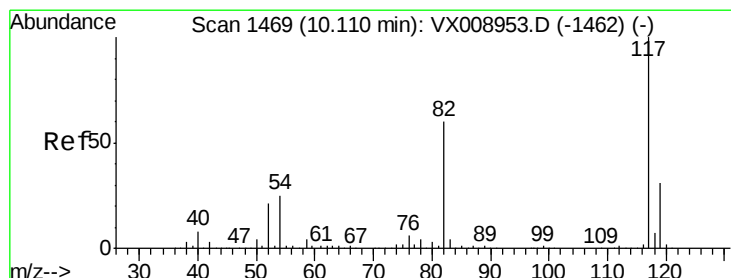
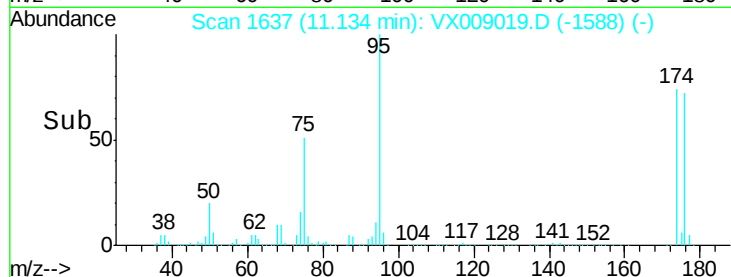
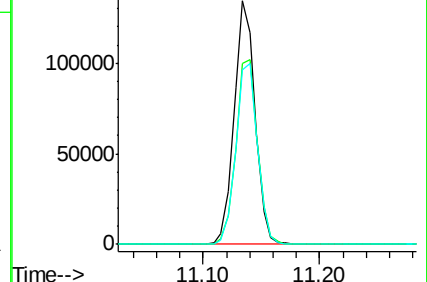
176 77.4 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

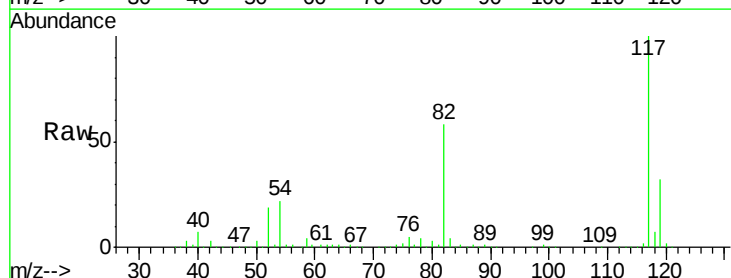
Tgt Ion: 117 Resp: 350350

Ion Ratio Lower Upper

117 100

82 58.4 48.2 72.4

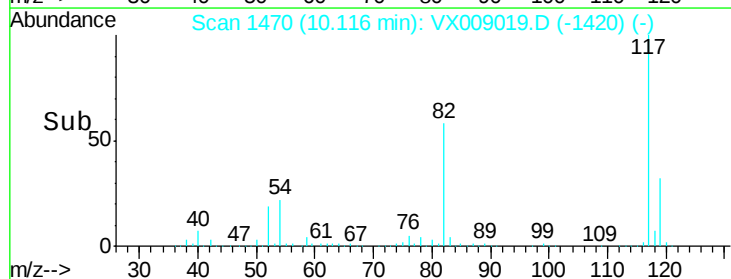
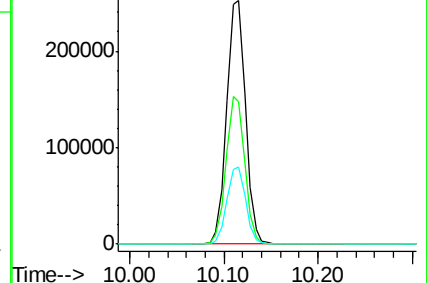
119 31.9 25.0 37.6

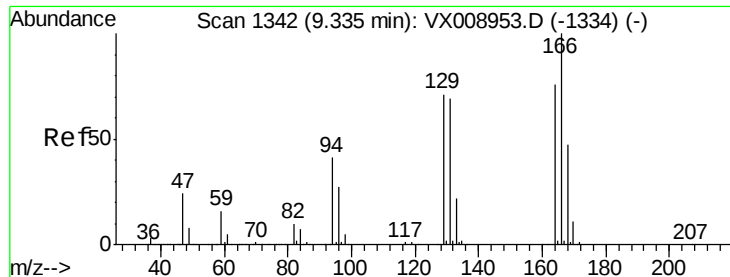


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#64

Tetrachloroethene

Concen: 275.230 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009019.D

Acq: 17 Apr 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

ST008RW258-190415

Tot Ion:164 Resp: 732536

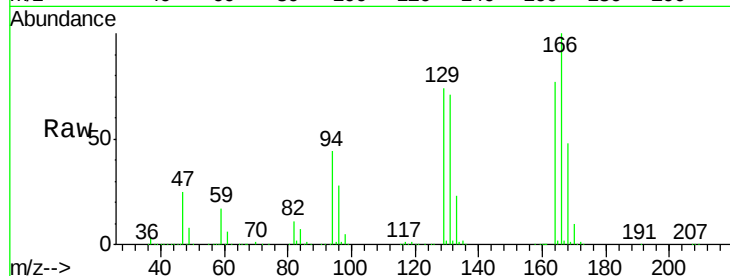
Ion Ratio Lower Upper

164 100

166 129.2 105.0 157.4

129 95.9 74.2 111.4

131 92.1 72.2 108.2

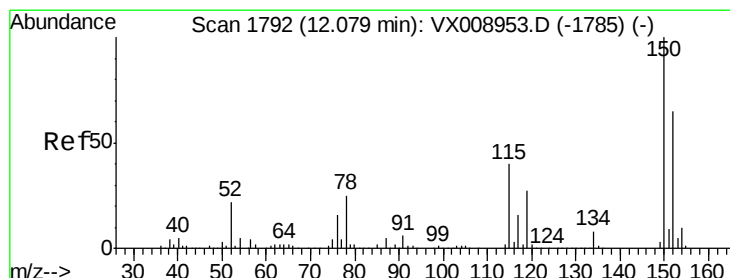
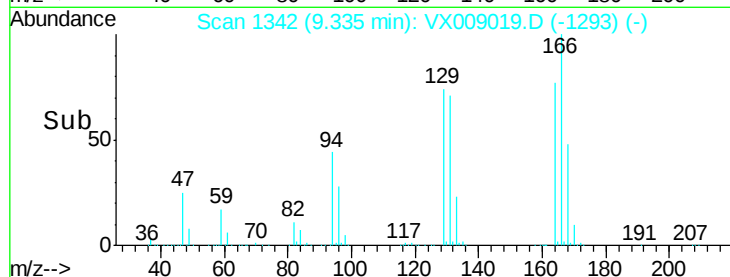
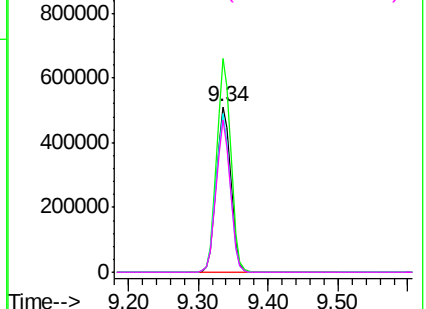


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX009019.D

Acq: 17 Apr 2019 16:57

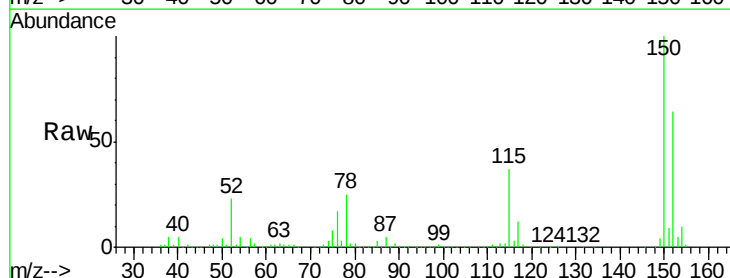
Tgt Ion:152 Resp: 148788

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

150 155.8 0.0 349.8



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

