

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009156.D
 Acq On : 25 Apr 2019 12:48
 Operator : JC/SP
 Sample : K2535-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2019-1

Quant Time: Apr 26 10:08:53 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	5.66	168	210181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	336138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138014	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.49	113	101792	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	417756	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	138842	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	

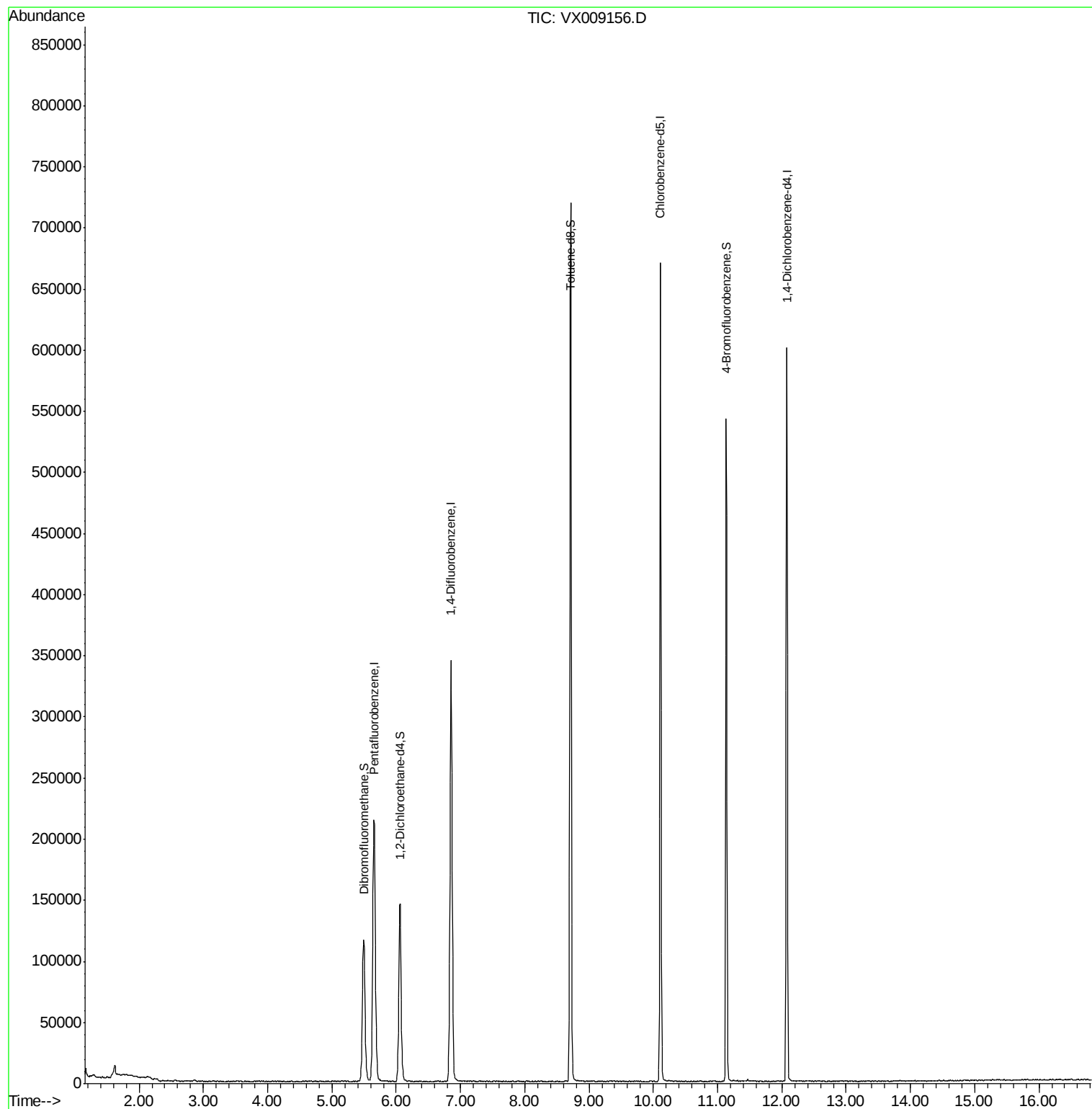
Target Compounds Qvalue

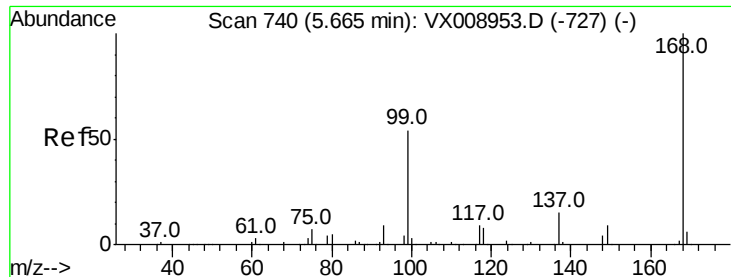
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009156.D

Acq: 25 Apr 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

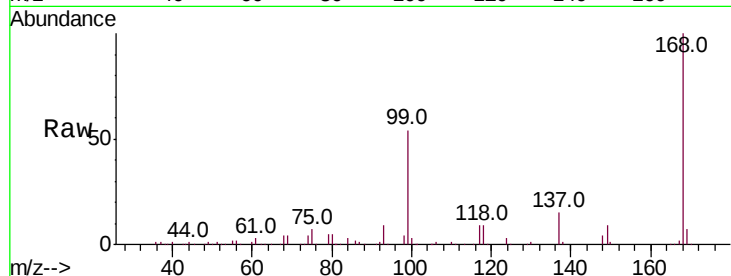
S37-TB-2019-1

Tot Ion:168 Resp: 210181

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

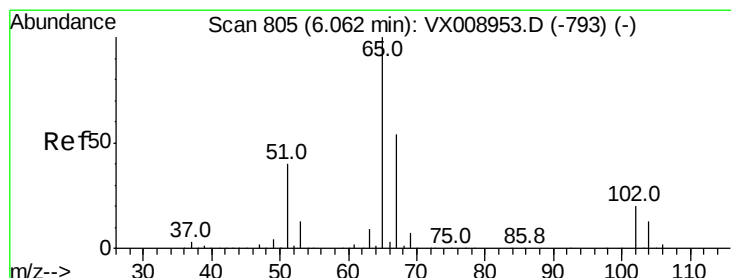
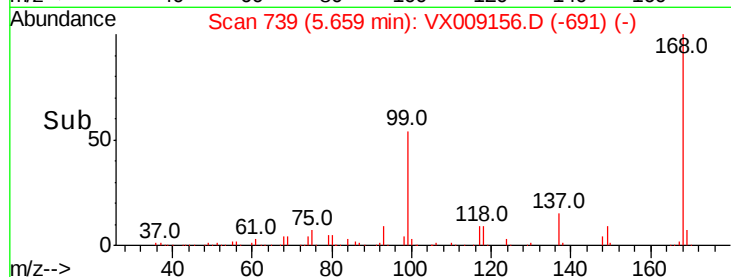
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.594 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009156.D

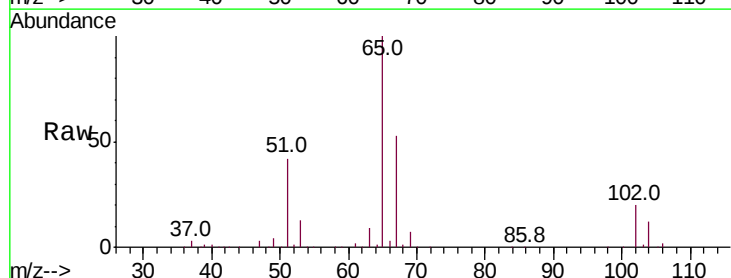
Acq: 25 Apr 2019 12:48

Tgt Ion: 65 Resp: 138014

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

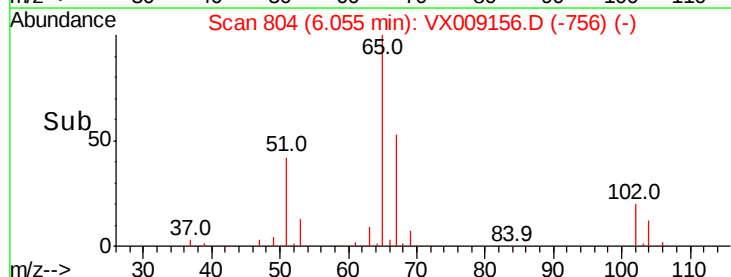
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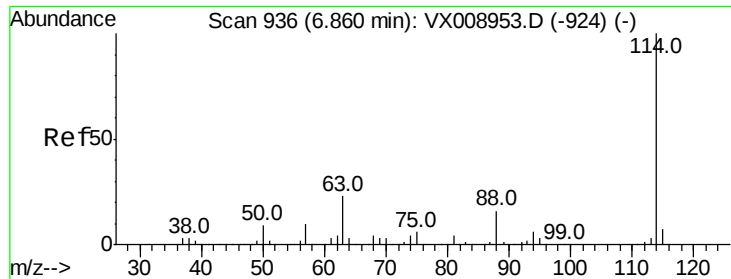
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30

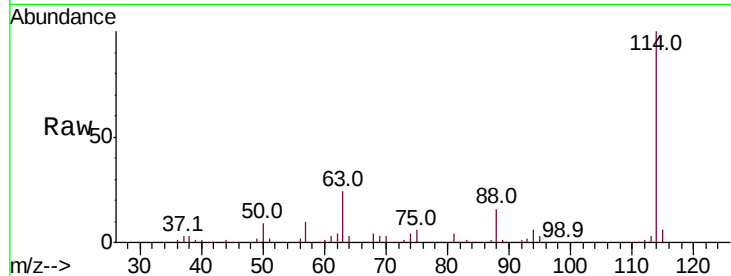




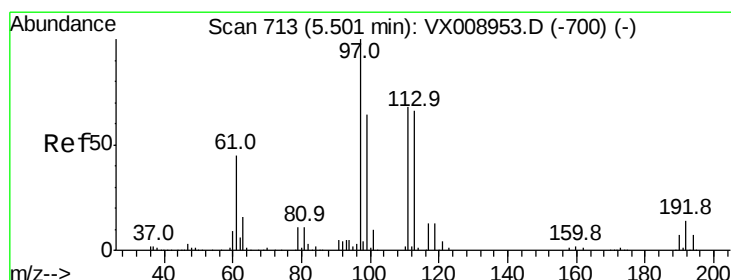
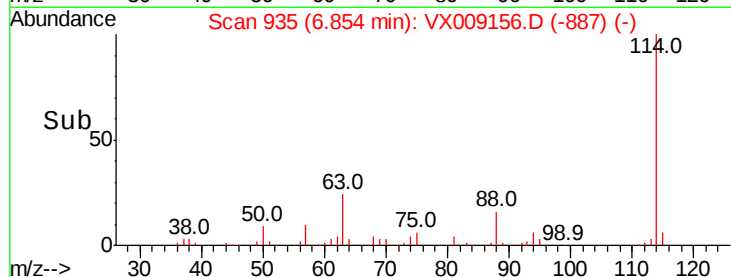
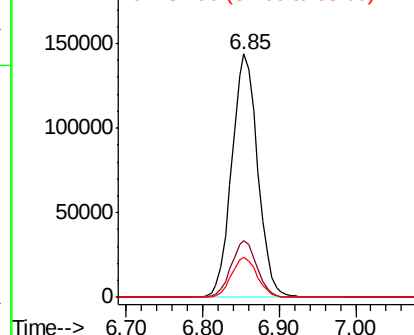
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009156.D
 Acq: 25 Apr 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2019-1

Tot Ion:	114	Resp:	336138
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.0
88	16.5	0.0	32.6

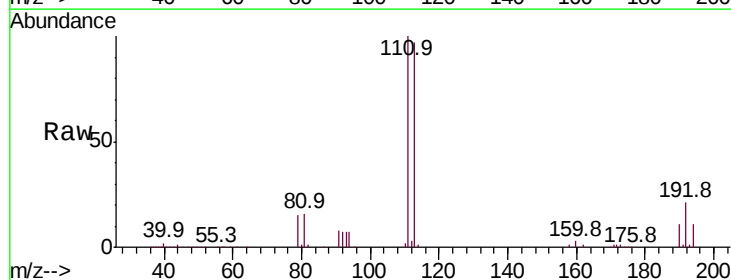


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

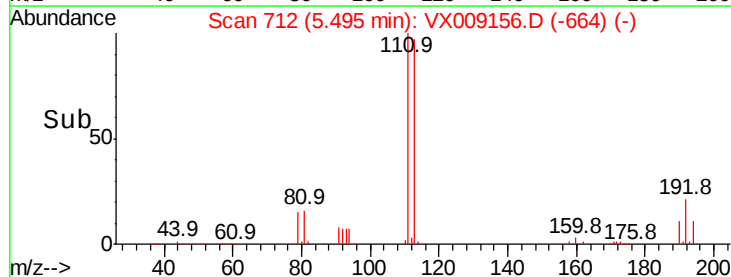
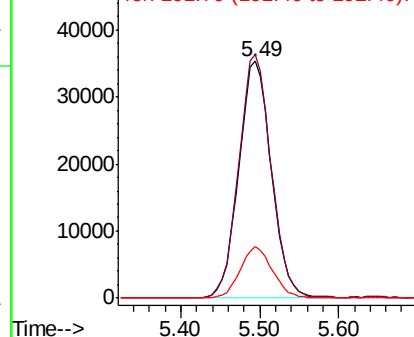


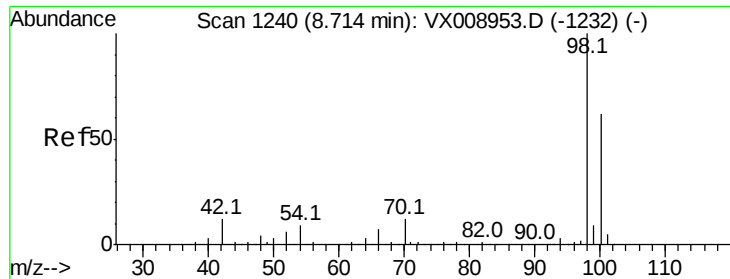
#35
 Dibromofluoromethane
 Concen: 47.186 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009156.D
 Acq: 25 Apr 2019 12:48

Tgt Ion:	113	Resp:	101792
Ion	Ratio	Lower	Upper
113	100		
111	102.1	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





#50

Toluene-d8

Concen: 48.558 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009156.D

Acq: 25 Apr 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

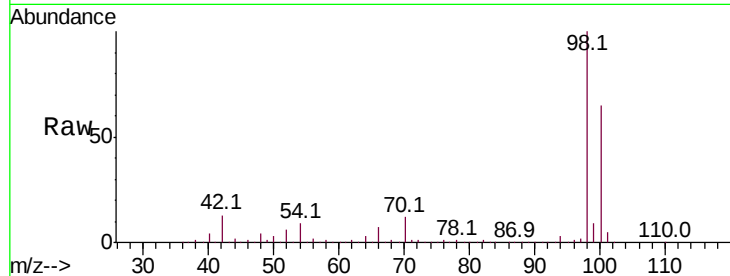
S37-TB-2019-1

Tot Ion: 98 Resp: 417756

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

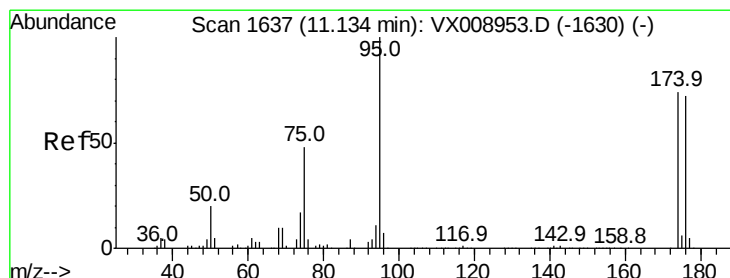
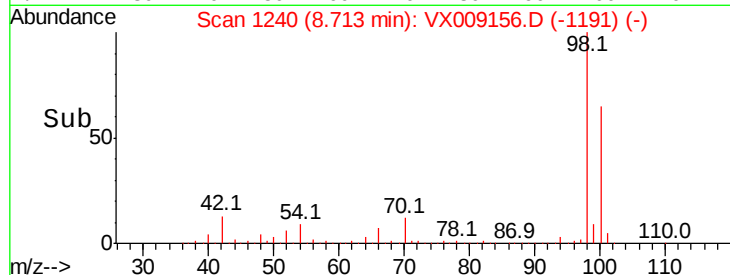
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.717 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009156.D

Acq: 25 Apr 2019 12:48

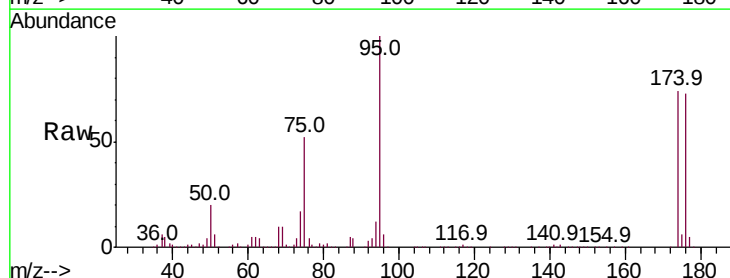
Tgt Ion: 95 Resp: 138842

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 77.5 0.0 154.8



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

150000

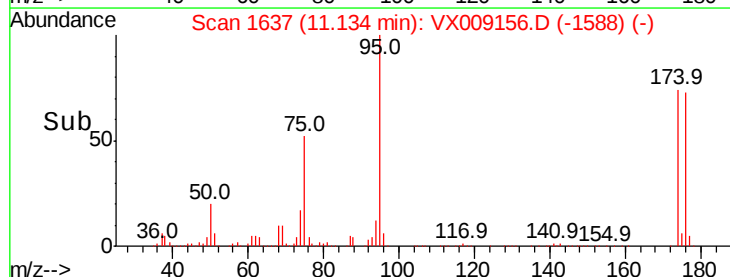
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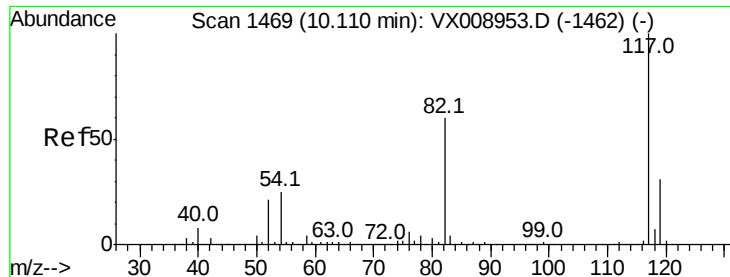
50000

0

Time-->

11.10 11.20

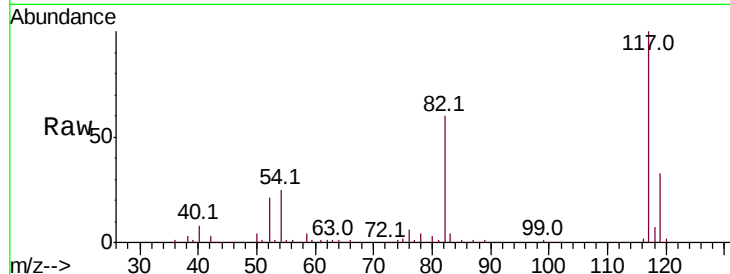




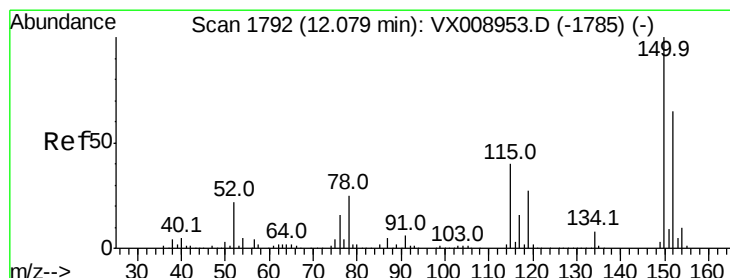
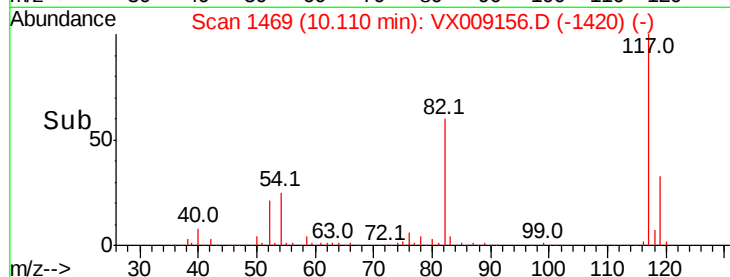
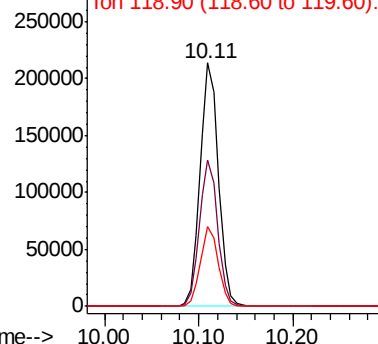
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009156.D
Acq: 25 Apr 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2019-1

Tot Ion:117 Resp: 288955
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.4
119 32.5 25.0 37.6

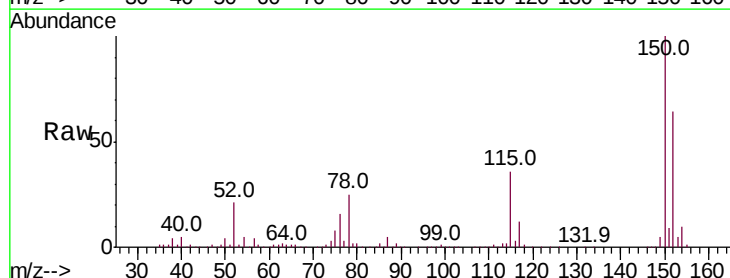


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009156.D
Acq: 25 Apr 2019 12:48

Tgt Ion:152 Resp: 124304
Ion Ratio Lower Upper
152 100
115 59.1 41.4 124.2
150 156.2 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

