

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009882.D
 Acq On : 24 May 2019 13:27
 Operator : JC/SP
 Sample : K2910-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-TB-2019-1

Quant Time: May 25 01:07:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120239	50.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.16%	
35) Dibromofluoromethane	5.50	113	85449	48.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	359253	50.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	122628	47.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.08%	

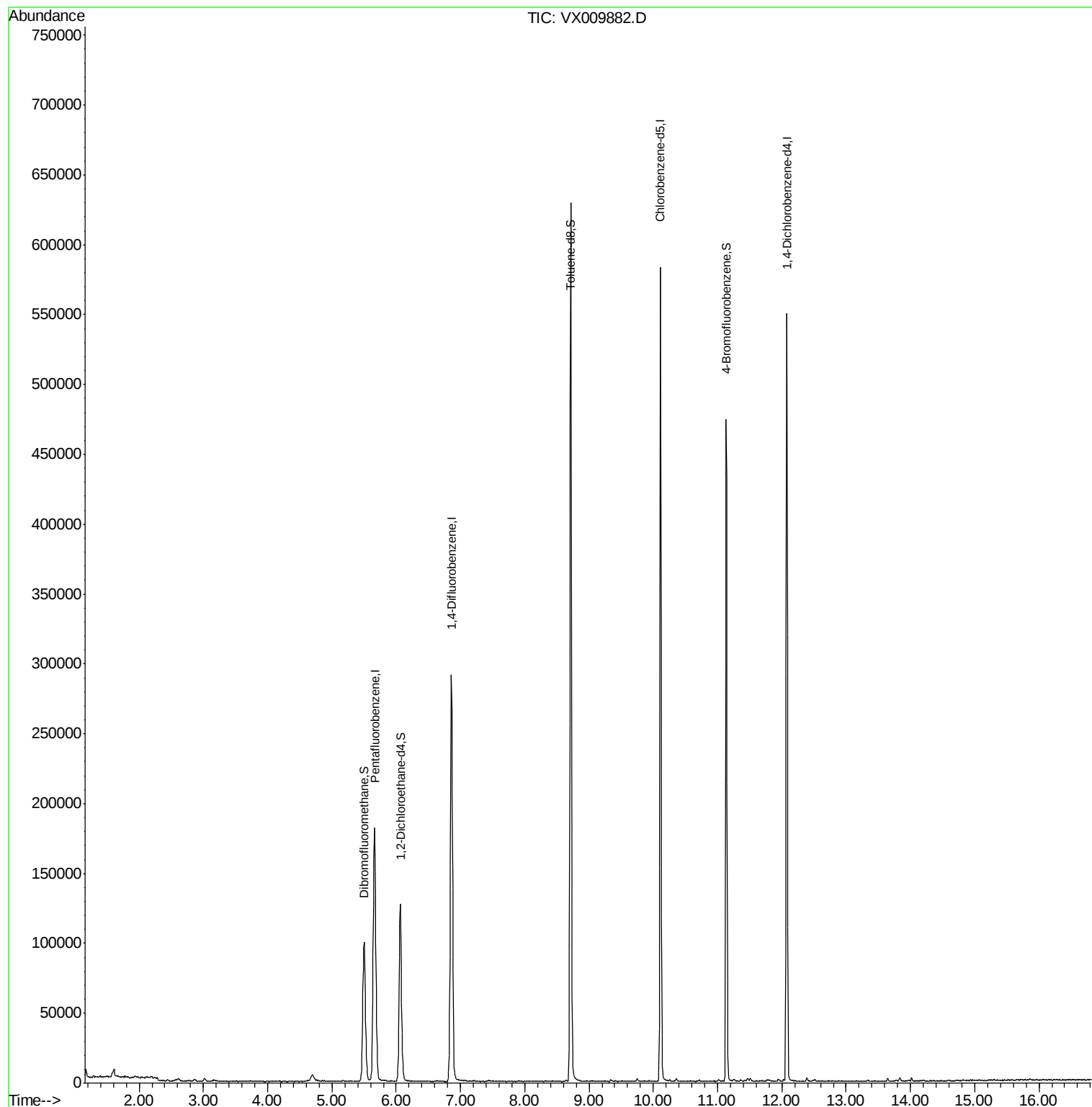
Target Compounds	Qvalue
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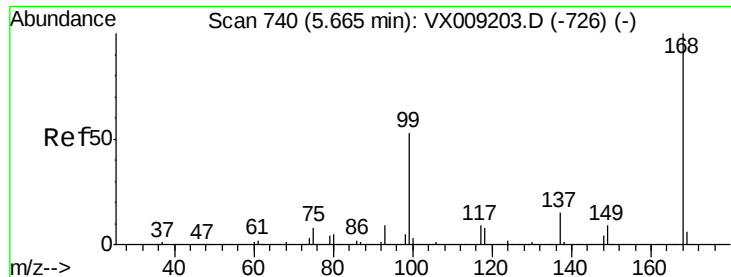
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009882.D

Acq: 24 May 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

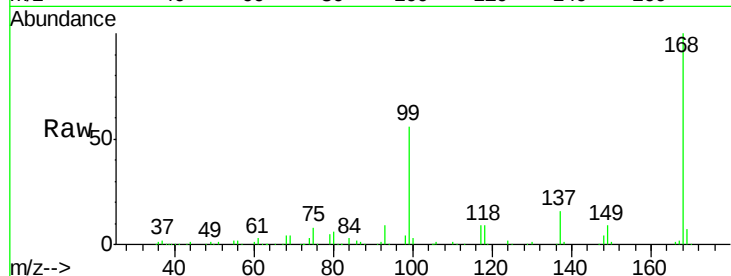
S73-TB-2019-1

Tot Ion:168 Resp: 175866

Ion Ratio Lower Upper

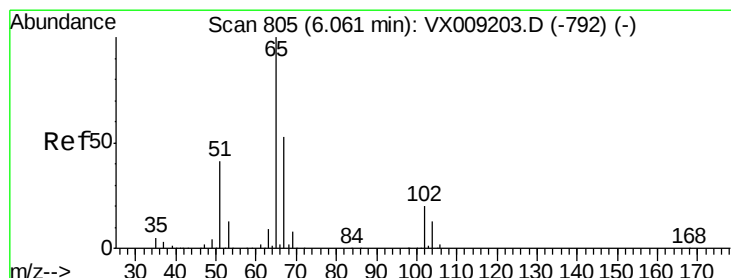
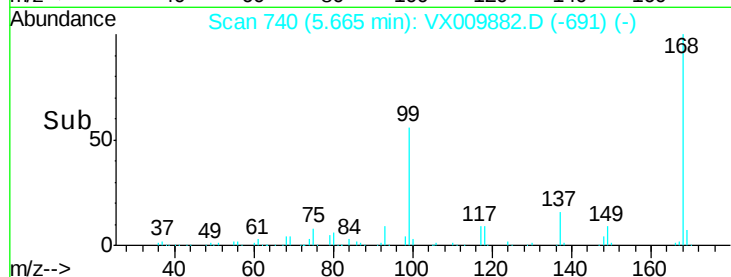
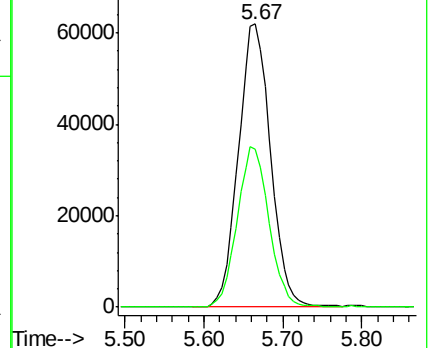
168 100

99 55.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.083 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009882.D

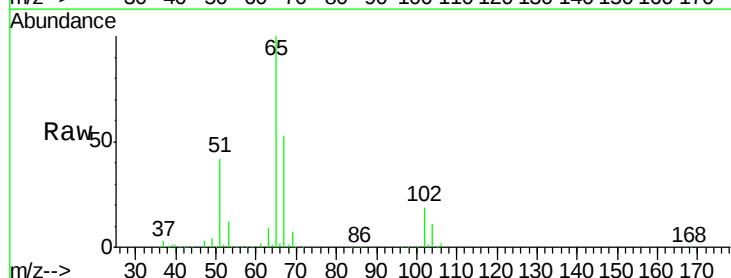
Acq: 24 May 2019 13:27

Tgt Ion: 65 Resp: 120239

Ion Ratio Lower Upper

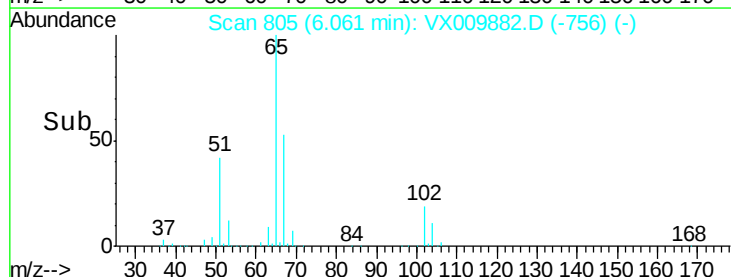
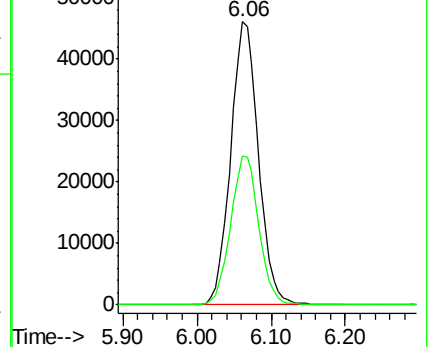
65 100

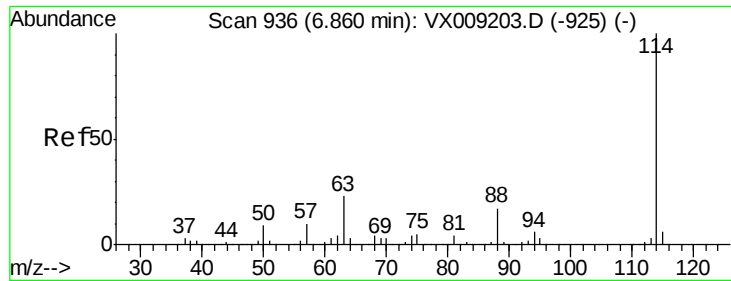
67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

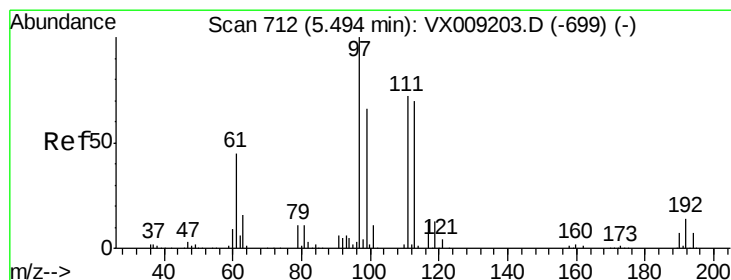
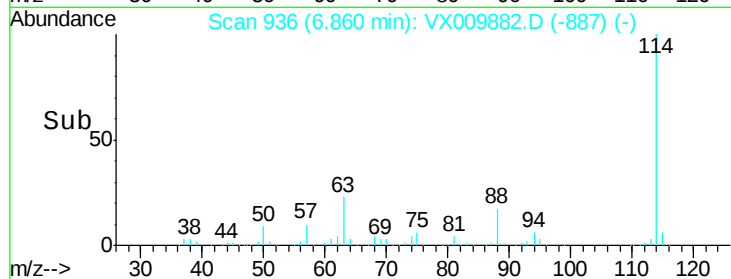
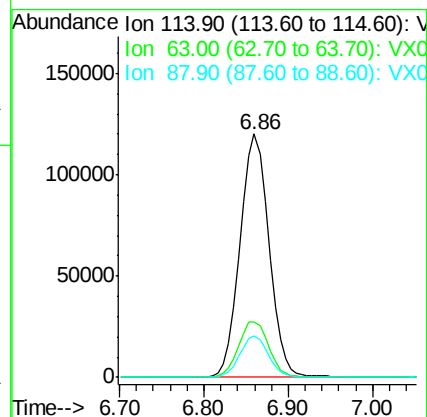
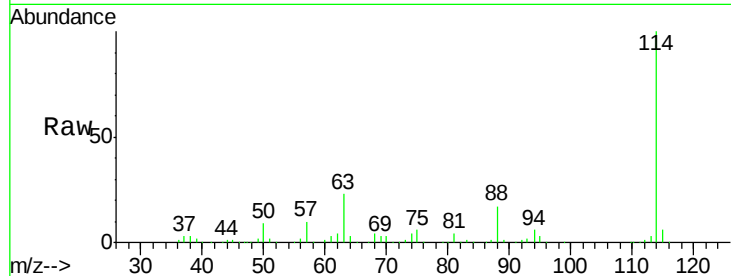




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009882.D
 Acq: 24 May 2019 13:27

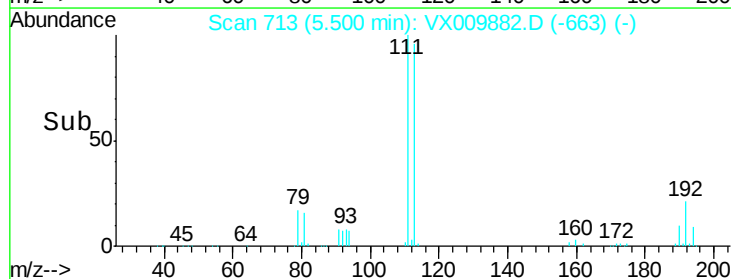
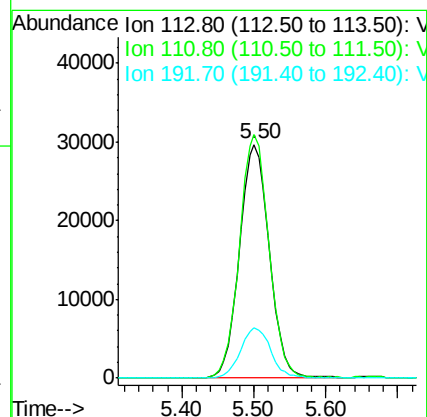
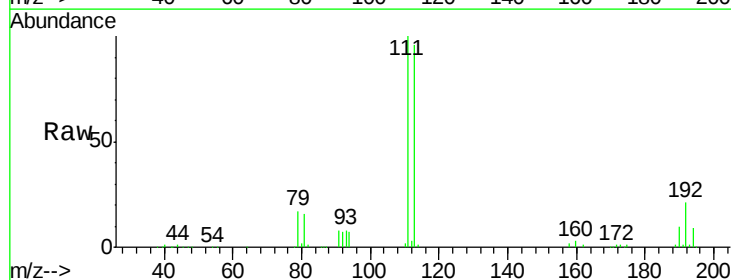
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-TB-2019-1

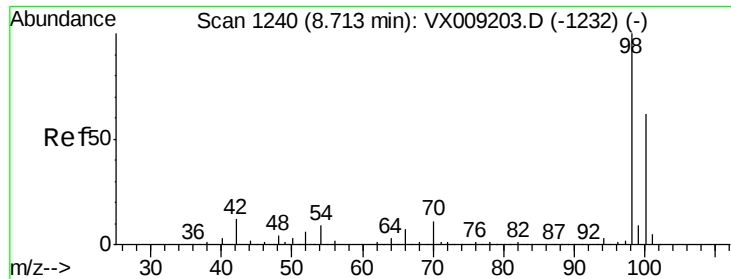
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	17.0	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.599 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009882.D
 Acq: 24 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	21.7	17.0	25.6





#50

Toluene-d8

Concen: 50.609 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009882.D

Acq: 24 May 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

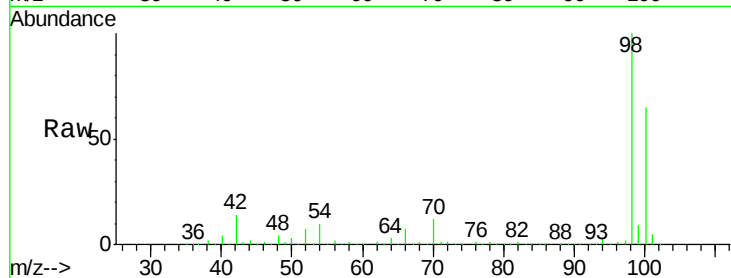
S73-TB-2019-1

Tot Ion: 98 Resp: 359253

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

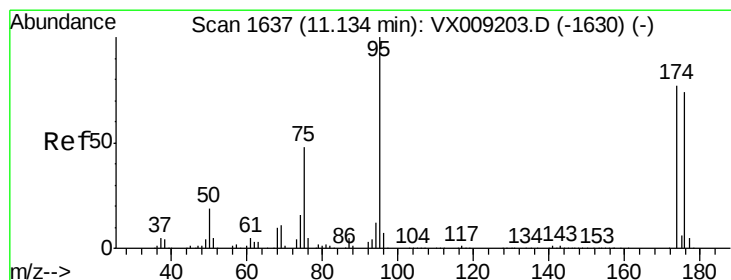
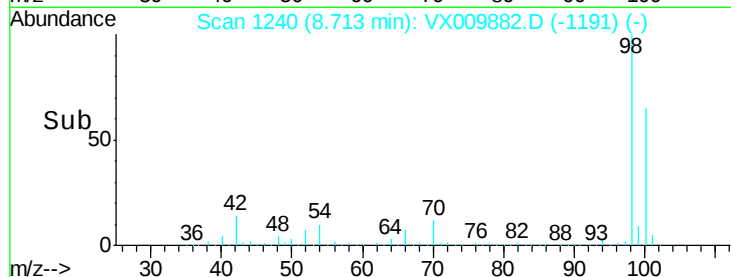
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 47.542 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009882.D

Acq: 24 May 2019 13:27

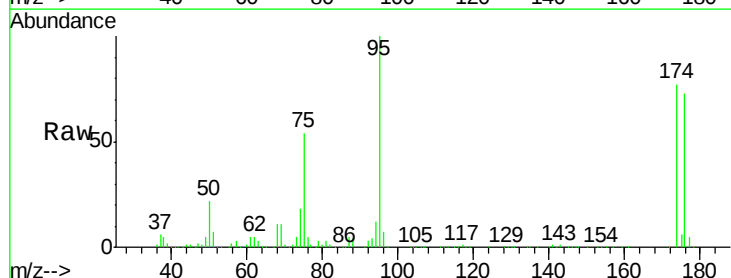
Tgt Ion: 95 Resp: 122628

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

176 76.9 0.0 159.2



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

120000

100000

80000

60000

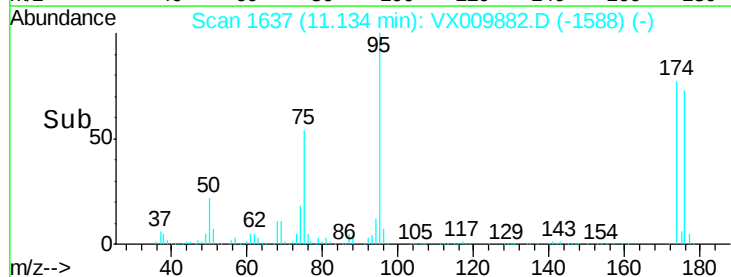
40000

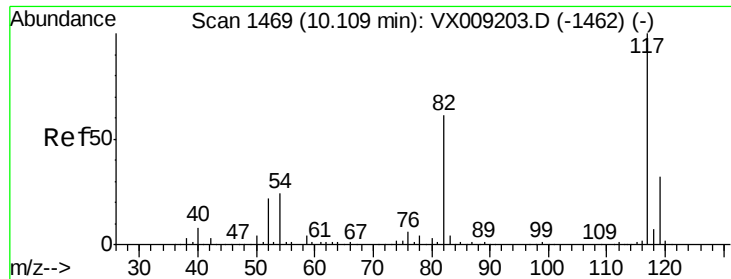
20000

0

11.05 11.10 11.15 11.20

Time-->

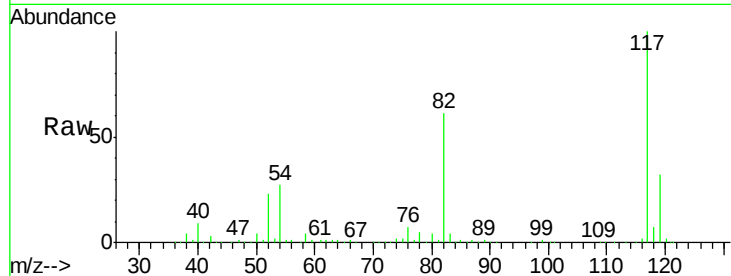




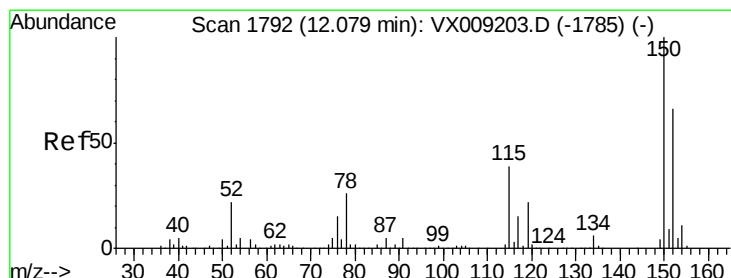
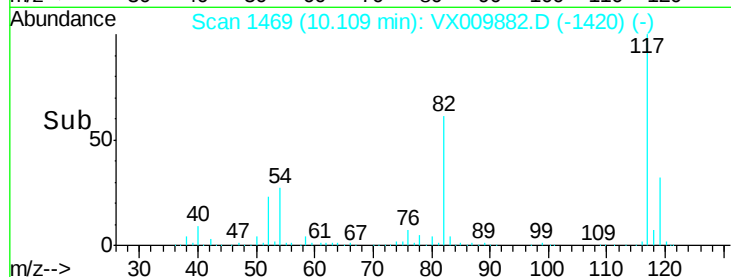
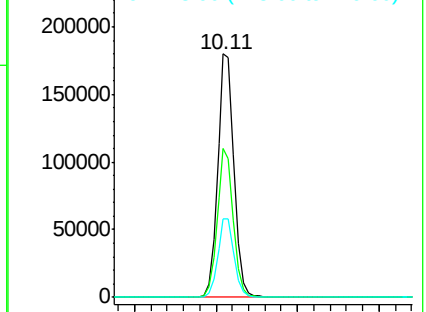
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009882.D
Acq: 24 May 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
S73-TB-2019-1

Tot Ion:117 Resp: 252811
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 32.3 25.8 38.6

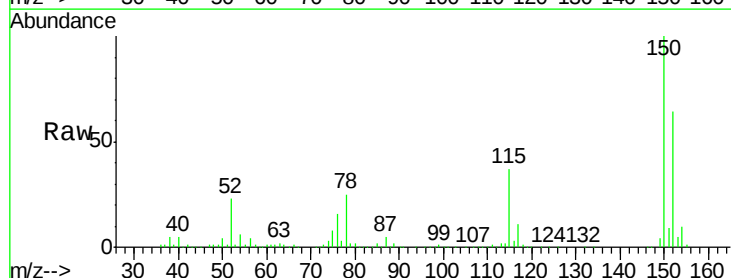


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009882.D
Acq: 24 May 2019 13:27

Tgt Ion:152 Resp: 111629
Ion Ratio Lower Upper
152 100
115 59.3 41.2 123.6
150 157.2 0.0 346.4



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

