

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032919\
 Data File : VX008538.D
 Acq On : 29 Mar 2019 12:18
 Operator : JC/SP
 Sample : VX0329WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL02

Quant Time: Mar 30 00:07:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	351036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121747	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	145406	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	106872	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
50) Toluene-d8	8.71	98	437843	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	144211	42.52	ug/l	0.00
Spiked Amount			Recovery	=	85.04%	

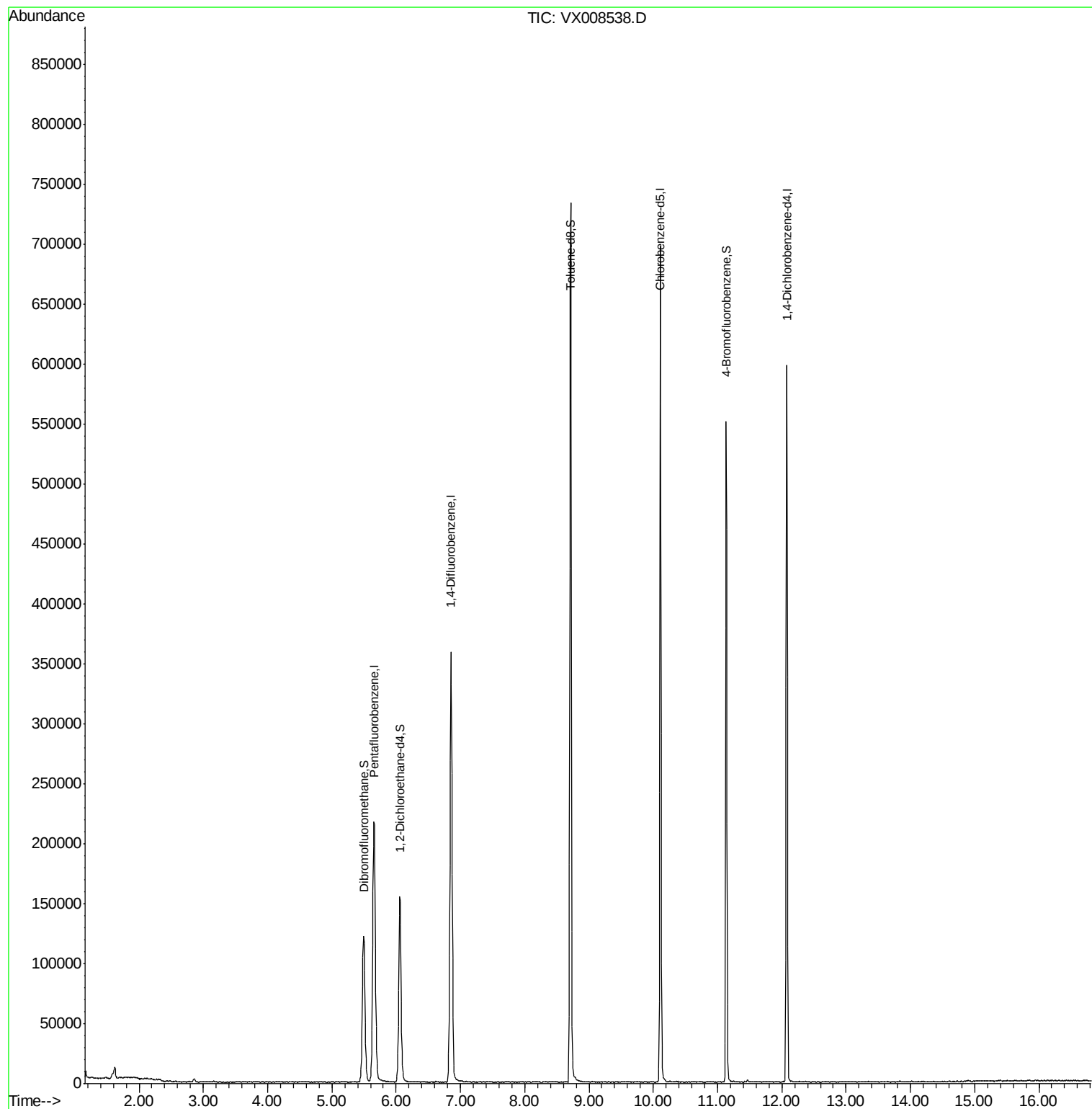
Target Compounds	Qvalue
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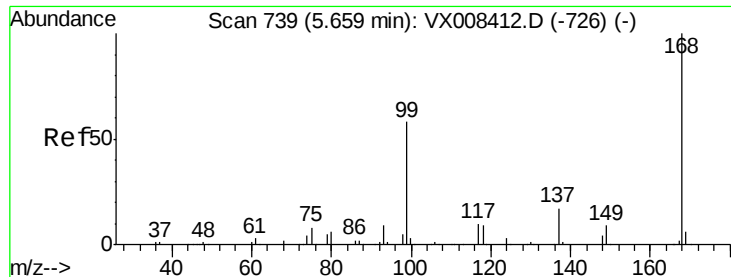
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008538.D

Acq: 29 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

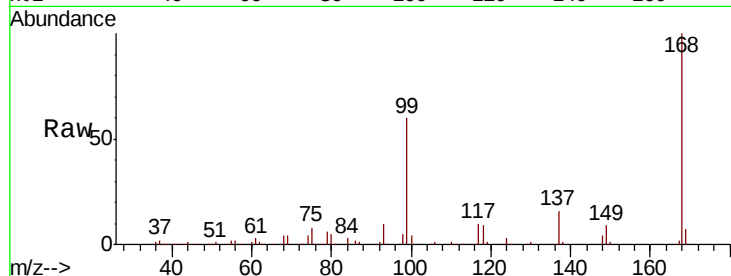
VX0329WBL02

Tot Ion:168 Resp: 207211

Ion Ratio Lower Upper

168 100

99 60.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

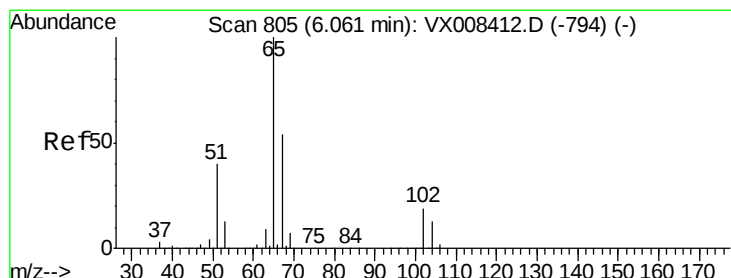
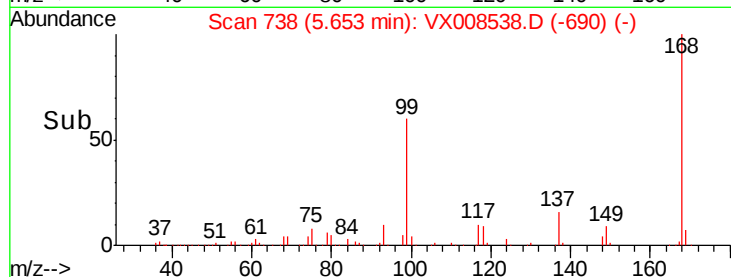
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.287 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008538.D

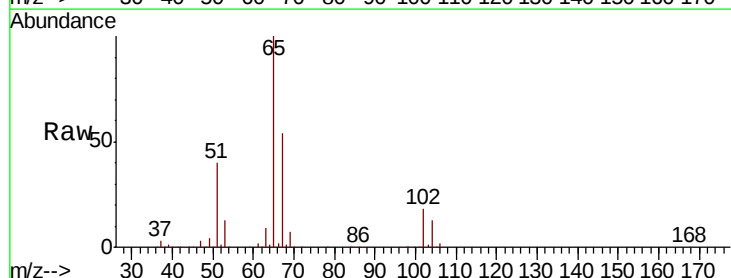
Acq: 29 Mar 2019 12:18

Tgt Ion: 65 Resp: 145406

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

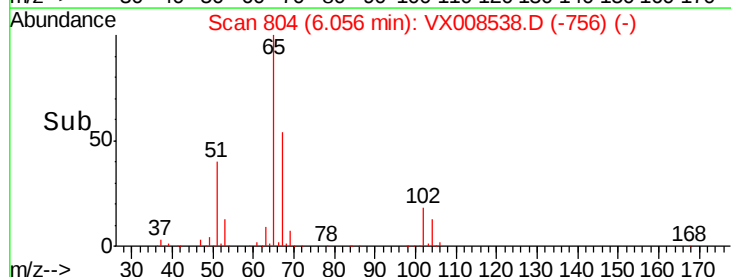
30000

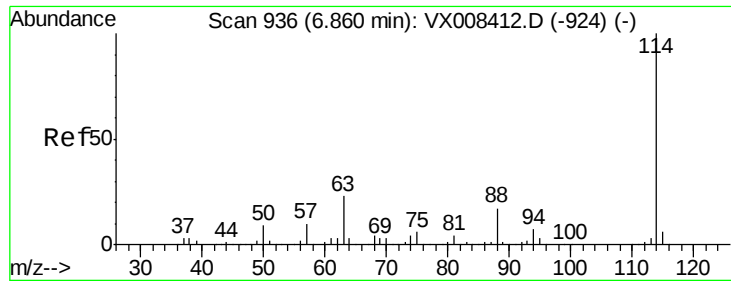
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

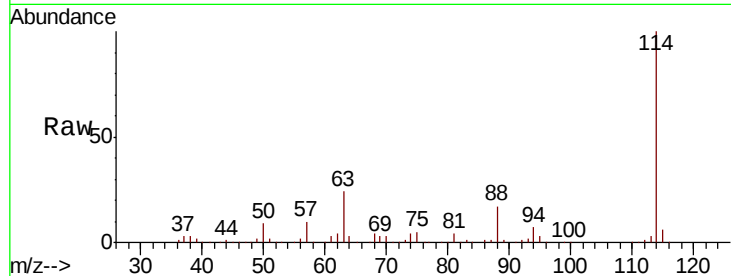




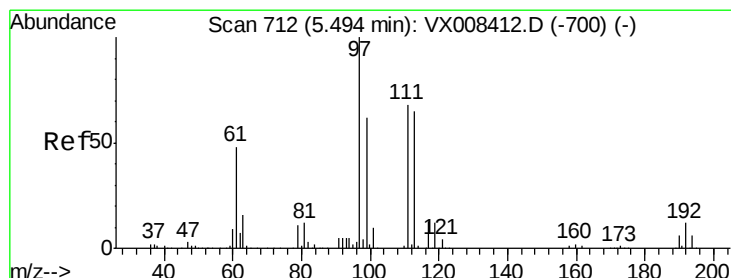
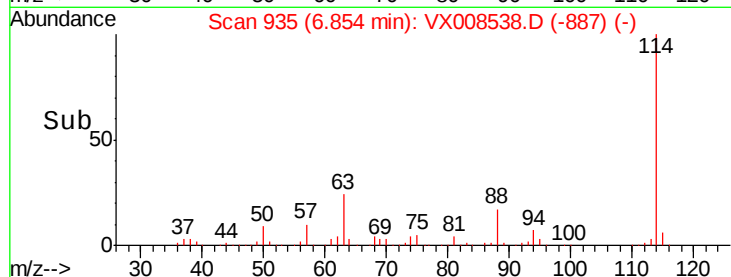
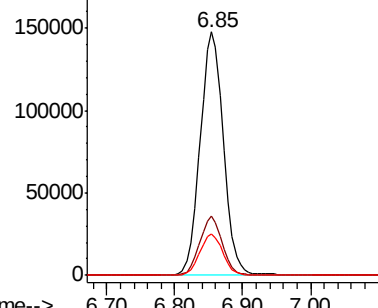
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008538.D
 Acq: 29 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.4
88	16.8	0.0	33.2

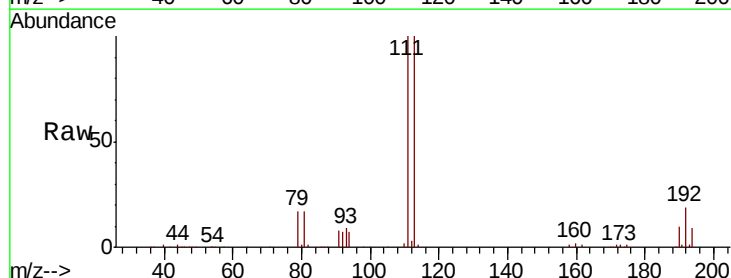


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

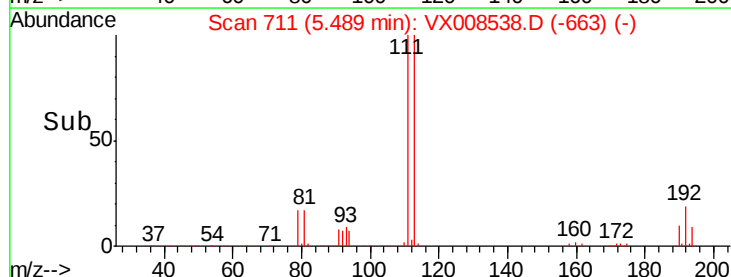
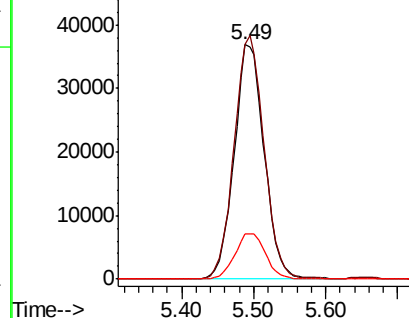


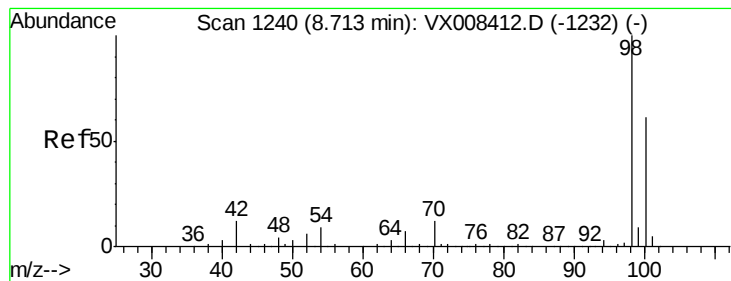
#35
 Dibromofluoromethane
 Concen: 46.691 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX008538.D
 Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	20.0	15.6	23.4



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: 47.839 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008538.D

Acq: 29 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

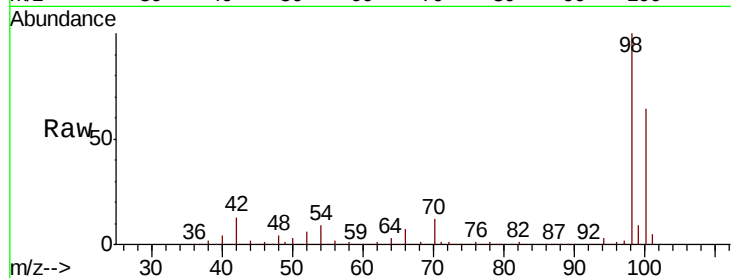
VX0329WBL02

Tot Ion: 98 Resp: 437843

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

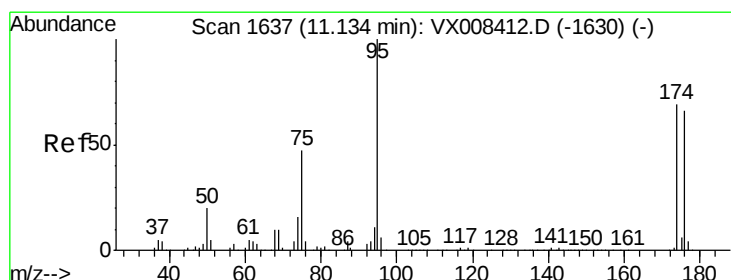
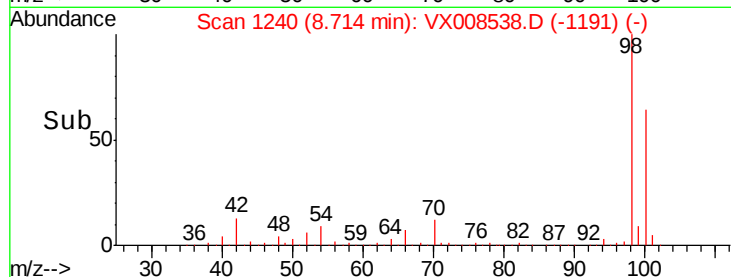
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.521 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008538.D

Acq: 29 Mar 2019 12:18

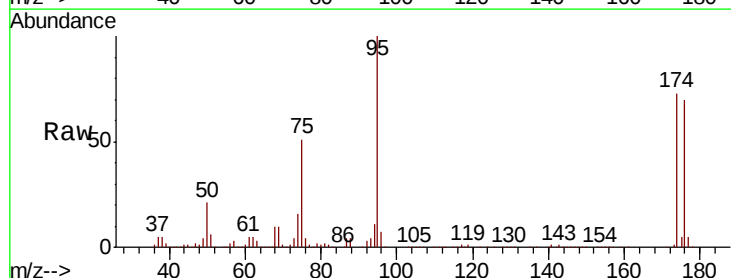
Tgt Ion: 95 Resp: 144211

Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.2

176 73.4 0.0 142.4



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

11.13

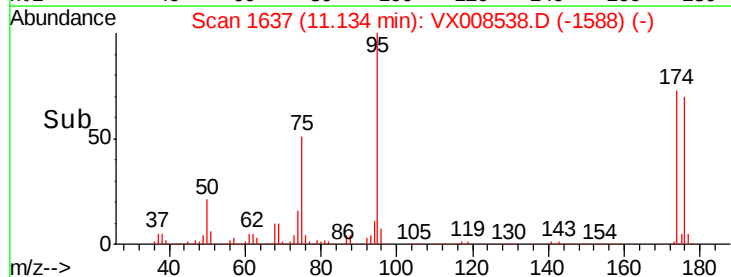
150000

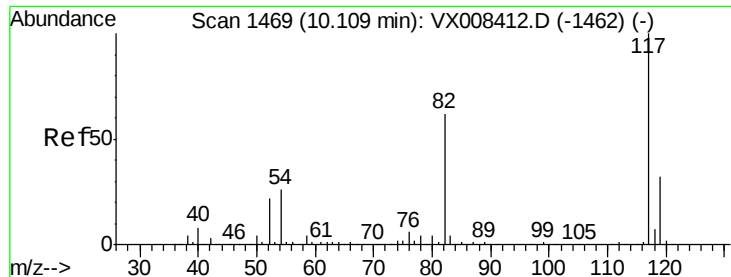
100000

50000

0

Time-->

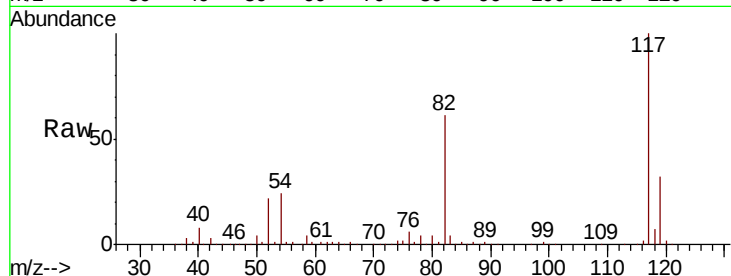




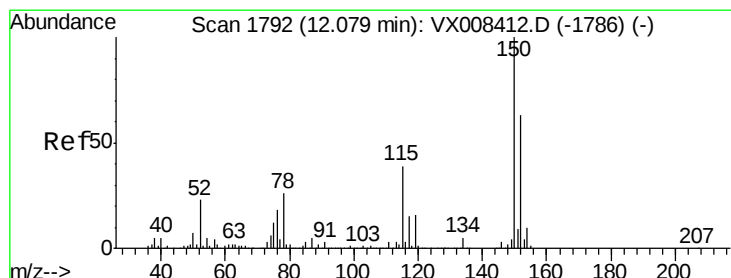
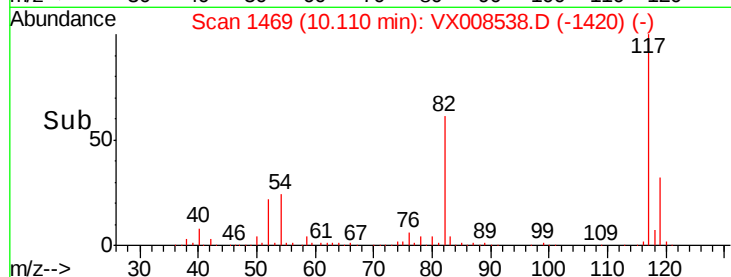
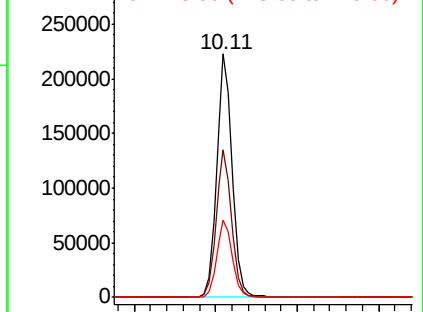
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008538.D
Acq: 29 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL02

Tot Ion:117 Resp: 298353
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.2
119 31.8 25.4 38.0

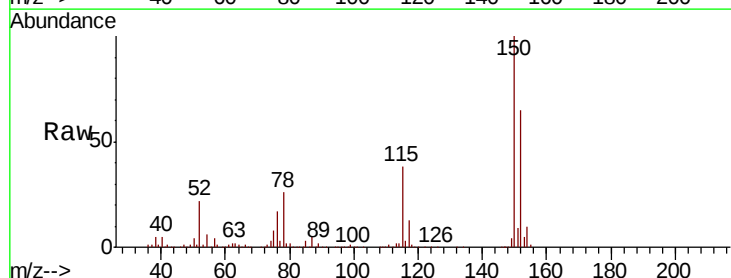


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008538.D
Acq: 29 Mar 2019 12:18

Tgt Ion:152 Resp: 121747
Ion Ratio Lower Upper
152 100
115 60.7 43.5 130.5
150 155.2 0.0 348.8



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

