

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009912.D
 Acq On : 28 May 2019 14:02
 Operator : JC/SP
 Sample : VX0528WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBL01

Quant Time: May 29 04:27:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122637	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.49	113	90551	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	374562	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	126308	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

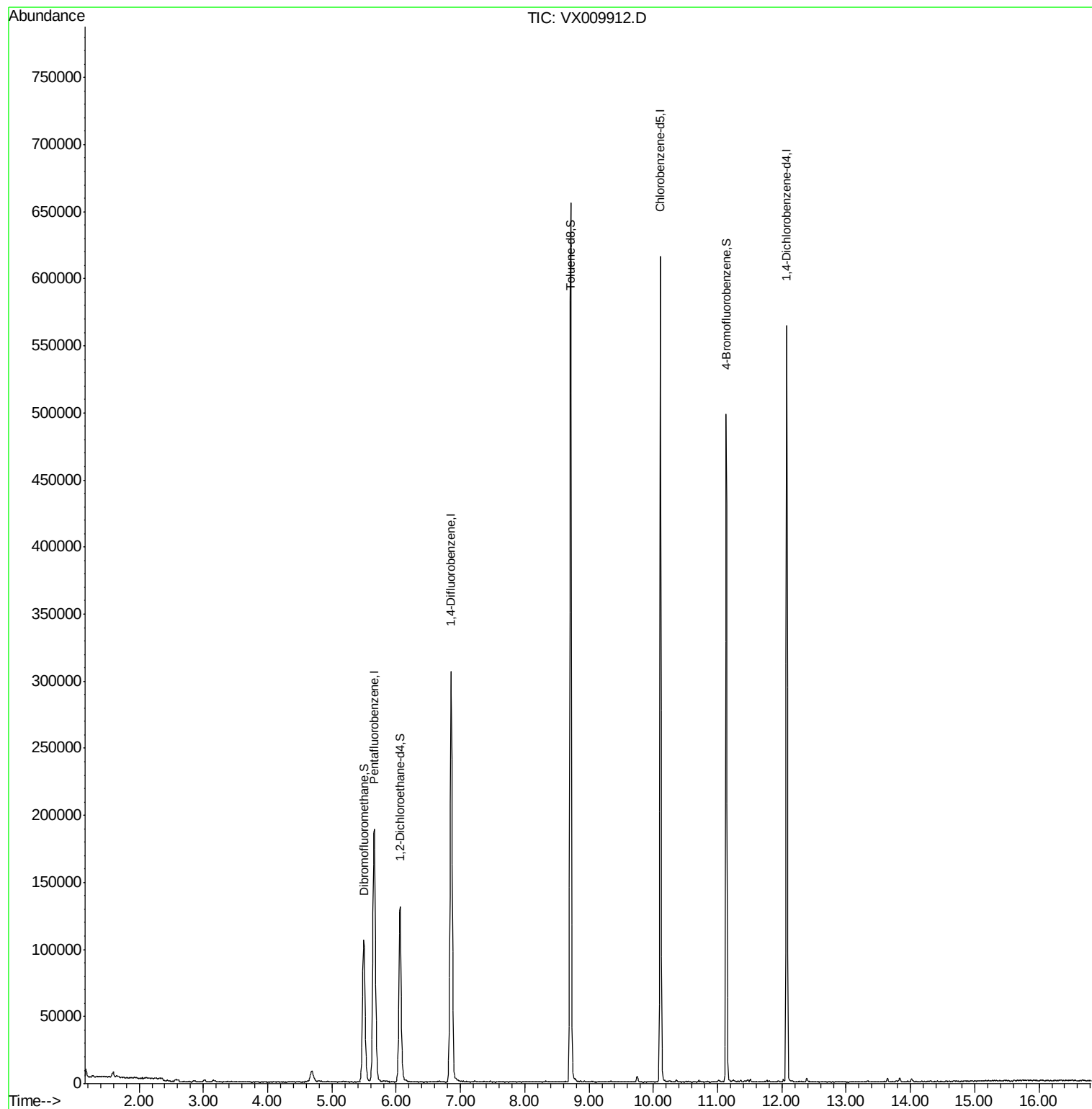
Target Compounds	Qvalue

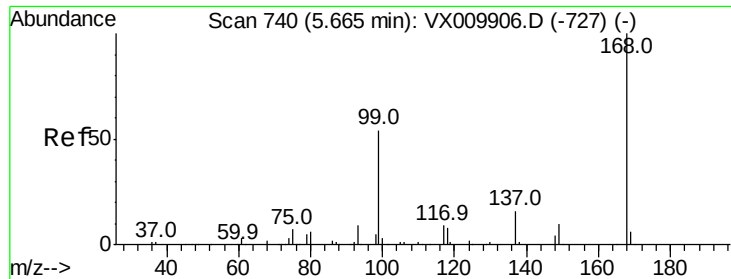
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009912.D

Acq: 28 May 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

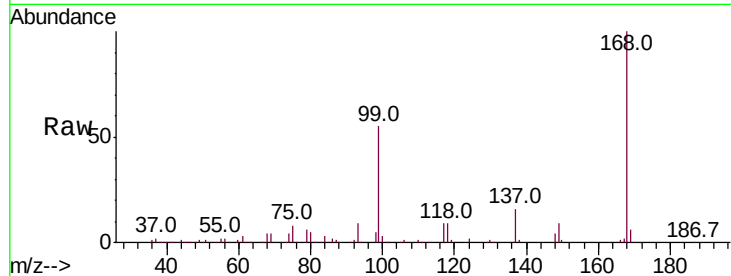
VX0528WBL01

Tot Ion:168 Resp: 182681

Ion Ratio Lower Upper

168 100

99 55.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

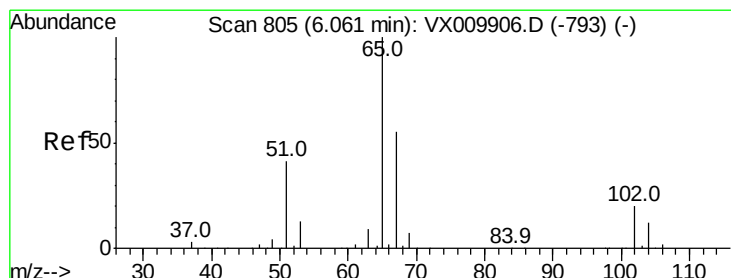
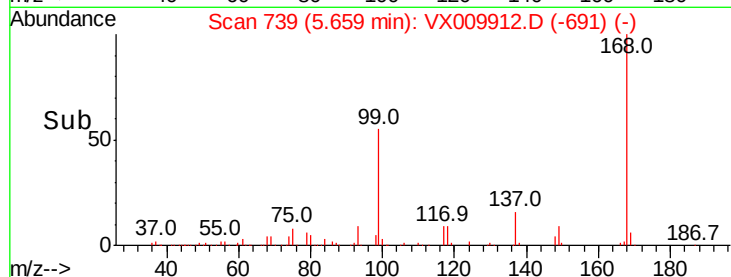
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.524 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009912.D

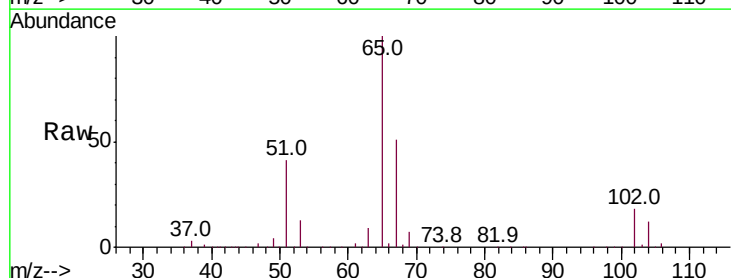
Acq: 28 May 2019 14:02

Tgt Ion: 65 Resp: 122637

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

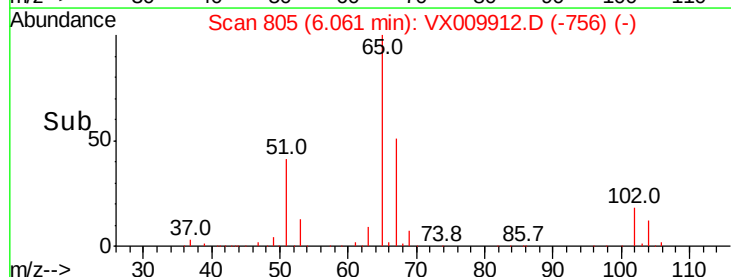
20000

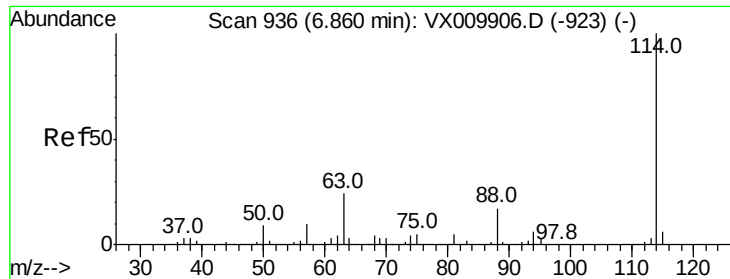
10000

0

Time-->

6.00 6.10 6.20

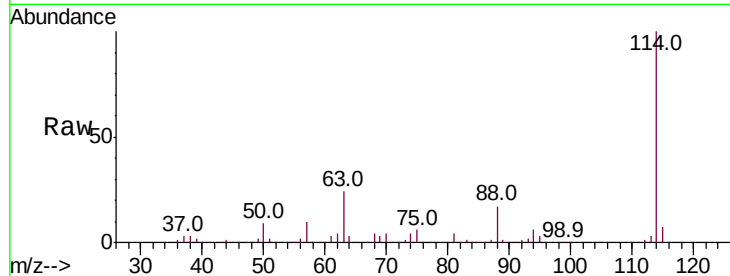




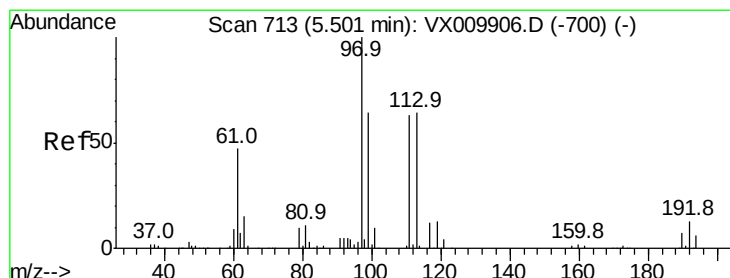
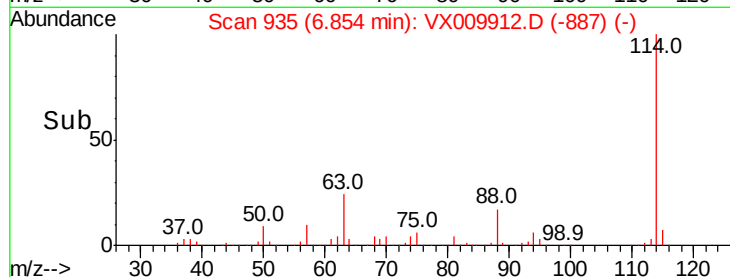
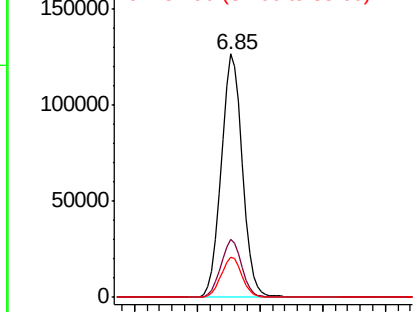
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009912.D
 Acq: 28 May 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.4
88	16.7	0.0	33.0

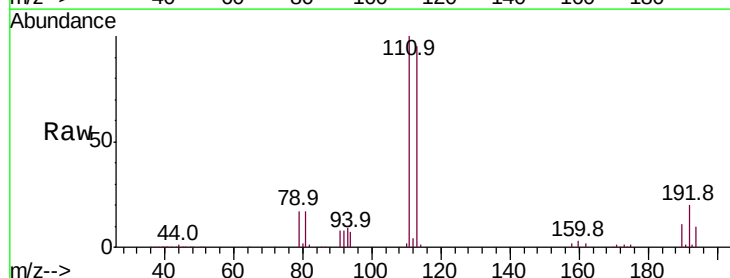


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

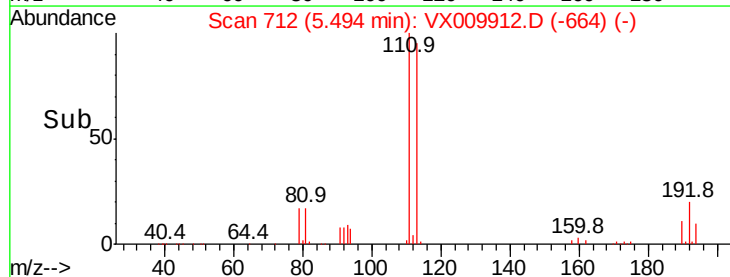
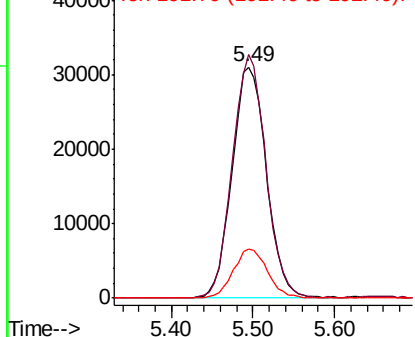


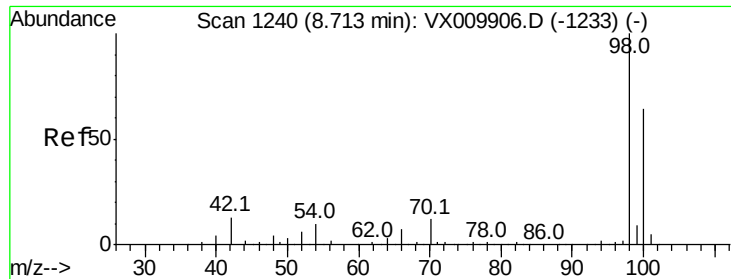
#35
 Dibromofluoromethane
 Concen: 48.706 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009912.D
 Acq: 28 May 2019 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	21.1	17.1	25.7



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: 49.614 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009912.D

Acq: 28 May 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

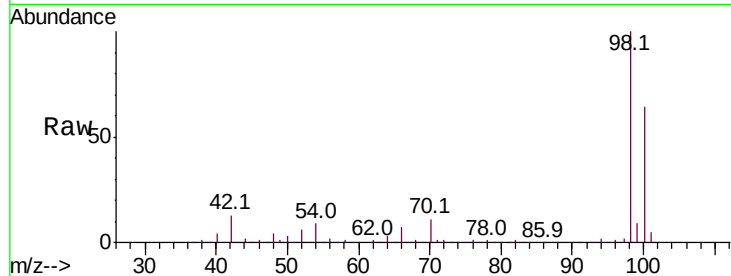
VX0528WBL01

Tot Ion: 98 Resp: 374562

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

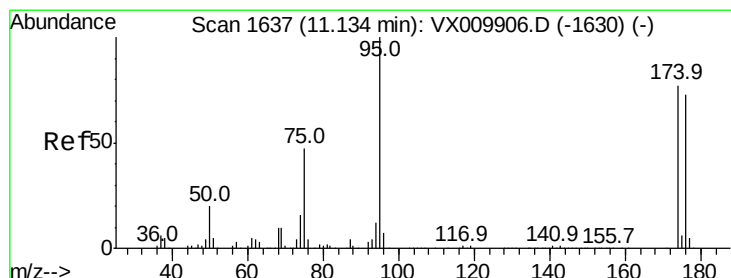
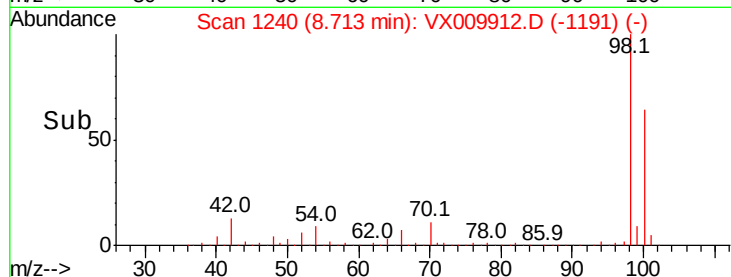
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.580 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009912.D

Acq: 28 May 2019 14:02

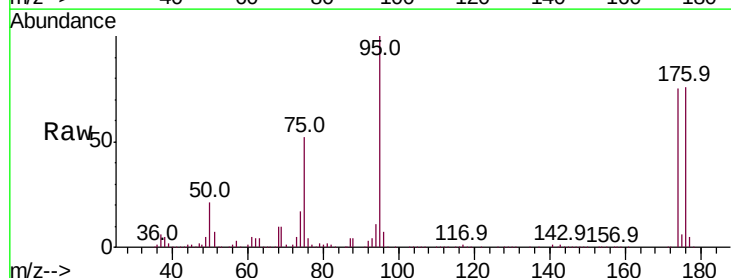
Tgt Ion: 95 Resp: 126308

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

176 79.1 0.0 154.6



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

100000

50000

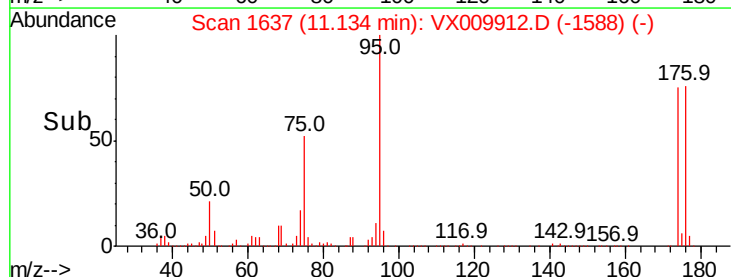
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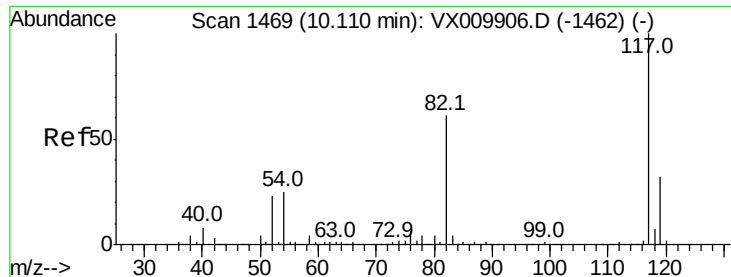
11.10

11.13

11.20

Time-->



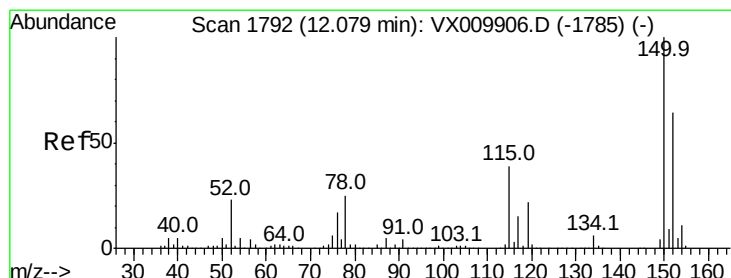
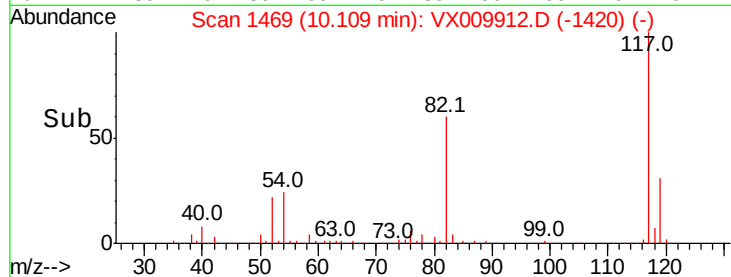
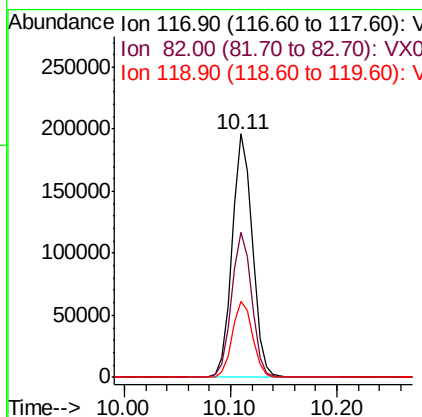
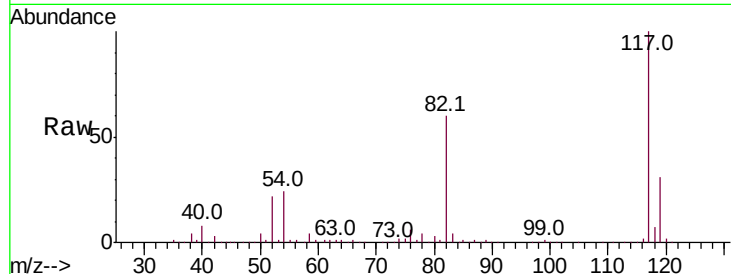


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009912.D
 Acq: 28 May 2019 14:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0528WBL01

Tot Ion:117 Resp: 263278

Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.2	73.8
119	31.2	25.2	37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009912.D
 Acq: 28 May 2019 14:02

Tgt Ion:152 Resp: 114101

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.4	124.2
150	156.9	0.0	345.2

