

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004584.D
 Acq On : 15 Sep 2018 15:07
 Operator : JC/MD
 Sample : J4925-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0261

Quant Time: Sep 17 09:57:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157428	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.51	113	153210	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	8.72	98	516411	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
62) 4-Bromofluorobenzene	11.14	95	185136	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

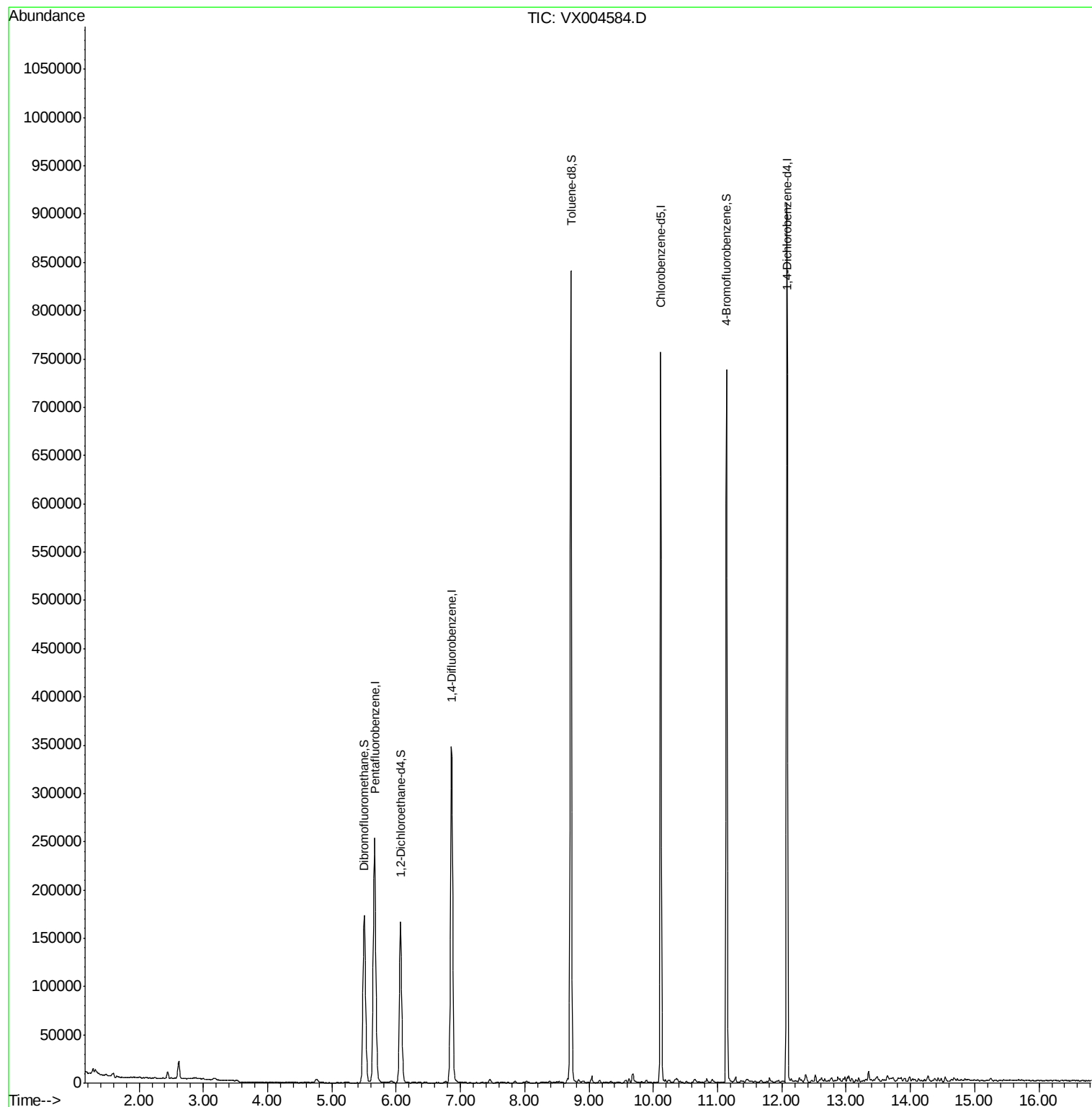
Target Compounds	Qvalue

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

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004584.D

Acq: 15 Sep 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

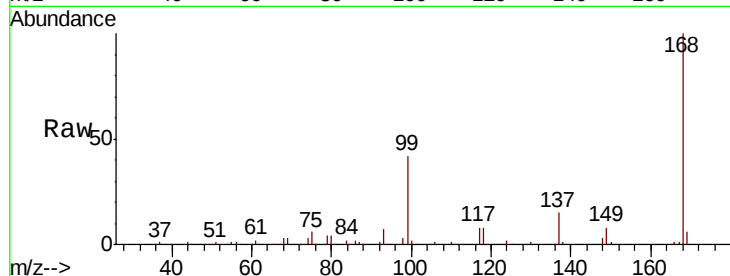
S13-0261

Tot Ion:168 Resp: 258814

Ion Ratio Lower Upper

168 100

99 41.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

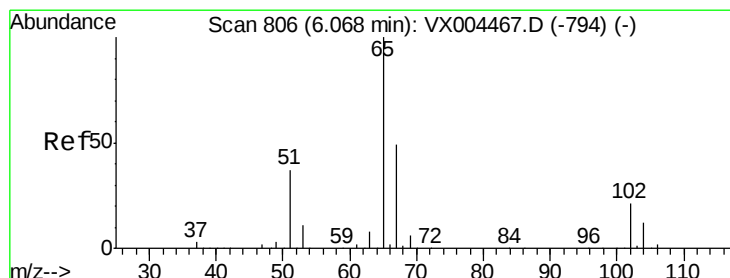
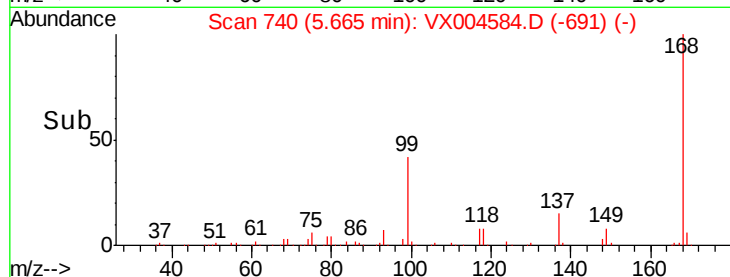
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.17 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004584.D

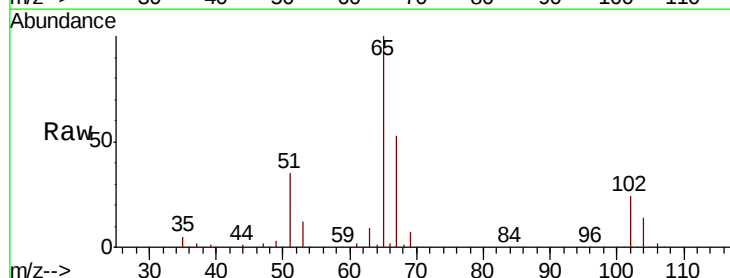
Acq: 15 Sep 2018 15:07

Tgt Ion: 65 Resp: 157428

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

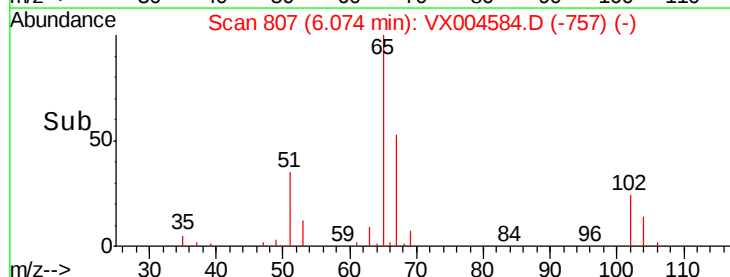
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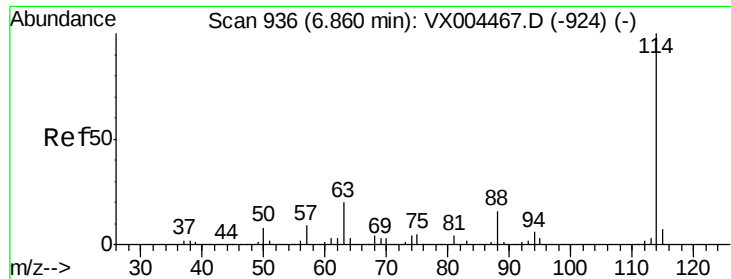
20000

0

5.90 6.00 6.10 6.20 6.30

Time-->

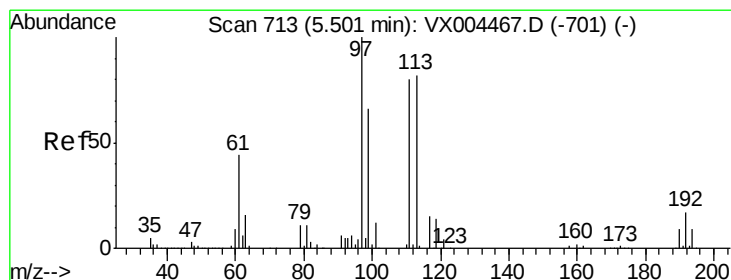
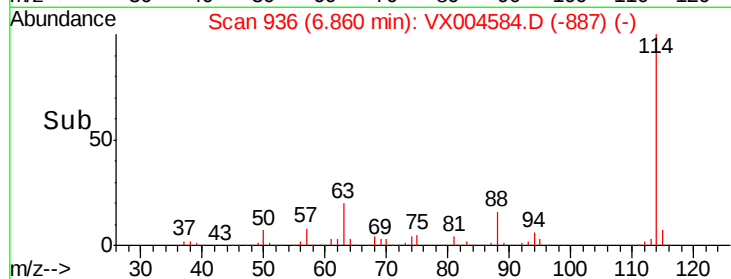
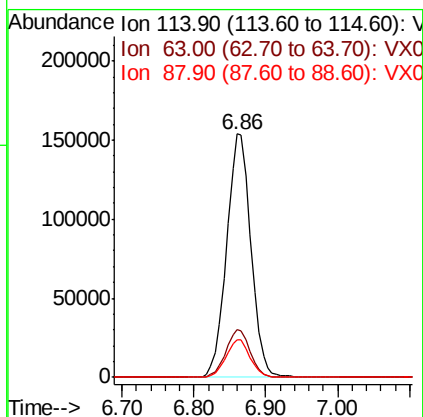
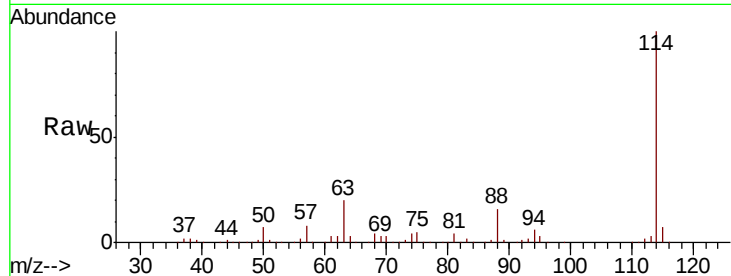




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004584.D
 Acq: 15 Sep 2018 15:07

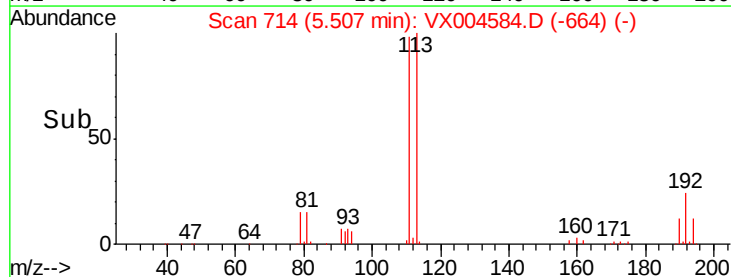
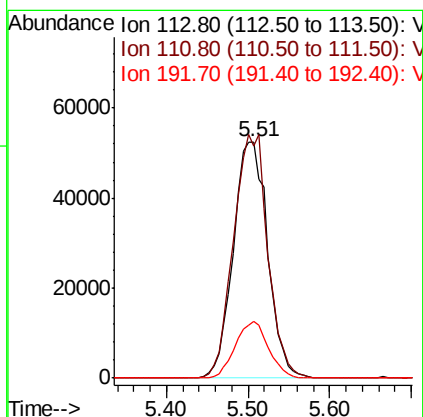
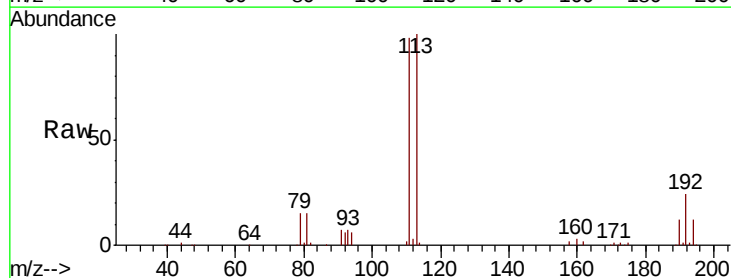
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0261

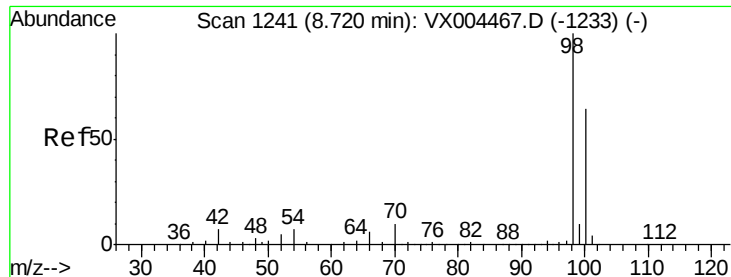
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.6	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 46.25 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004584.D
 Acq: 15 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	23.2	19.4	29.2





#50

Toluene-d8

Concen: 46.49 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004584.D

Acq: 15 Sep 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

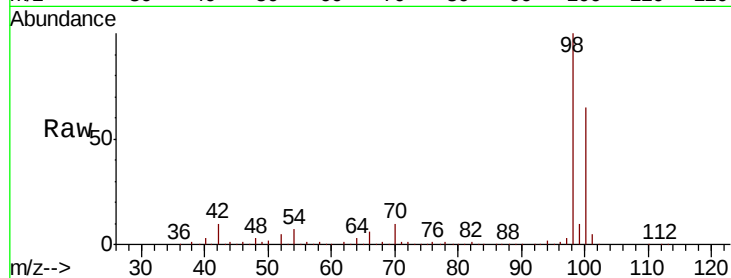
S13-0261

Tot Ion: 98 Resp: 516411

Ion Ratio Lower Upper

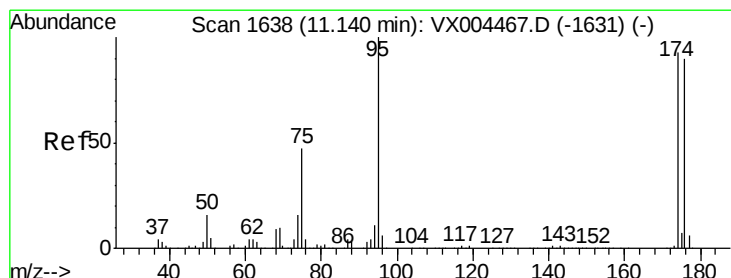
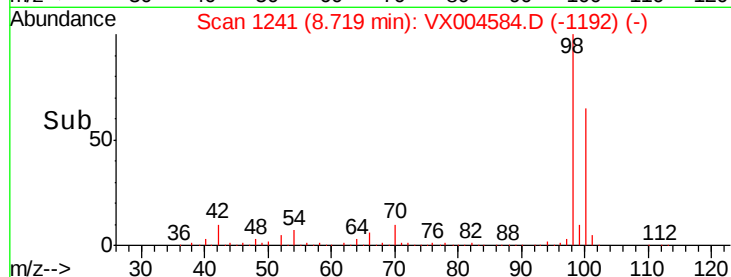
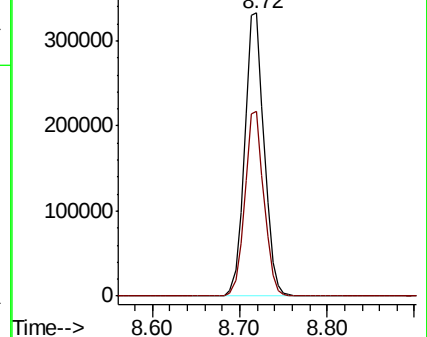
98 100

100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.69 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004584.D

Acq: 15 Sep 2018 15:07

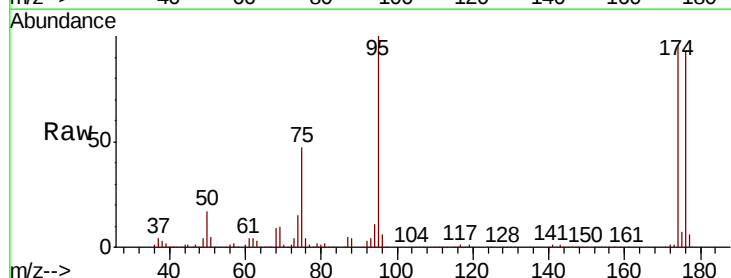
Tgt Ion: 95 Resp: 185136

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.2

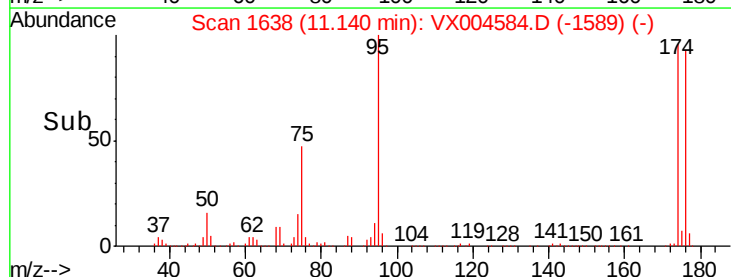
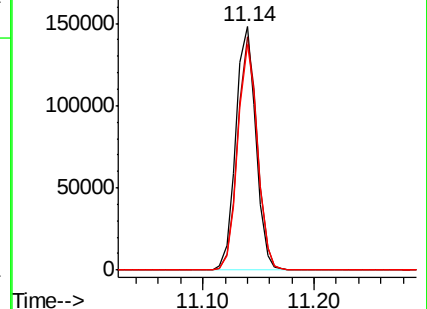
176 91.2 0.0 178.6

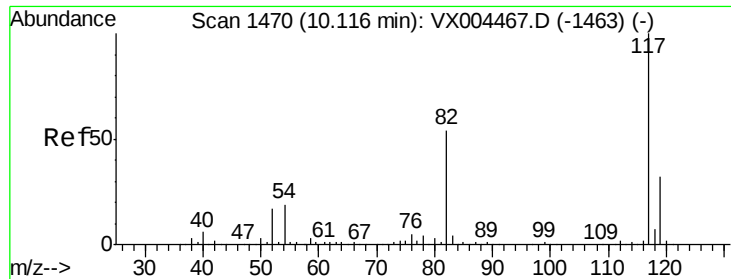


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

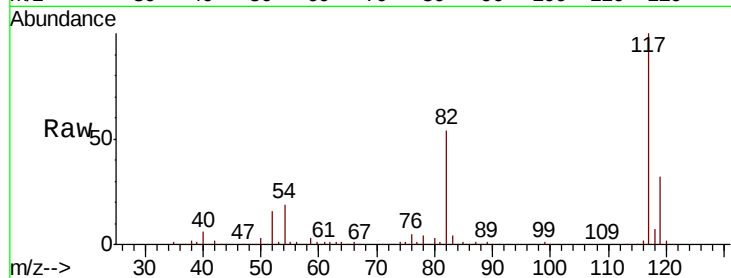




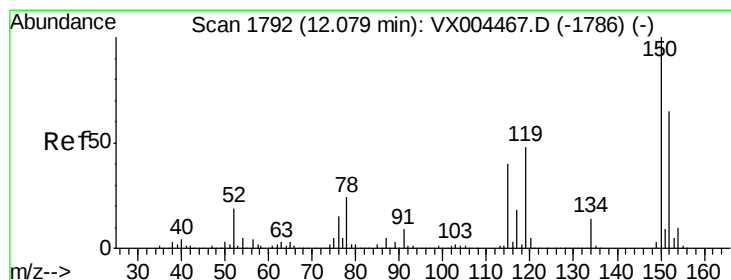
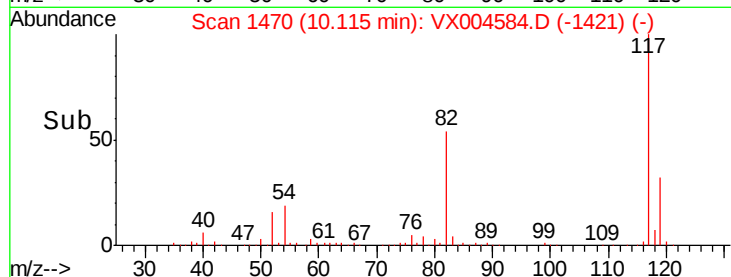
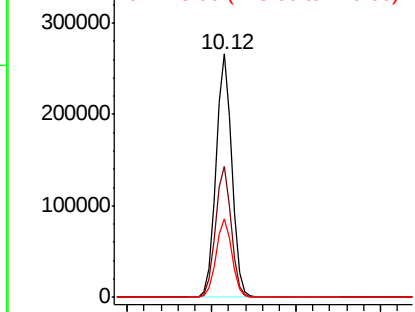
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004584.D
Acq: 15 Sep 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :
S13-0261

Tot Ion:117 Resp: 348006
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.4 29.3 43.9

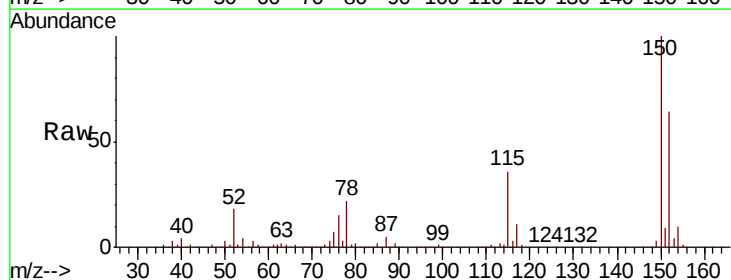


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004584.D
Acq: 15 Sep 2018 15:07

Tgt Ion:152 Resp: 194919
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 157.6 0.0 351.0



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

