

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003673.D
 Acq On : 26 Jul 2018 16:37
 Operator : JC/SP
 Sample : J4104-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-SD-EB03-180719

Quant Time: Jul 27 13:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	91834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	133182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	123881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	63910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76147	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.50	113	62240	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
50) Toluene-d8	8.72	98	217242	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.14	95	72558	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

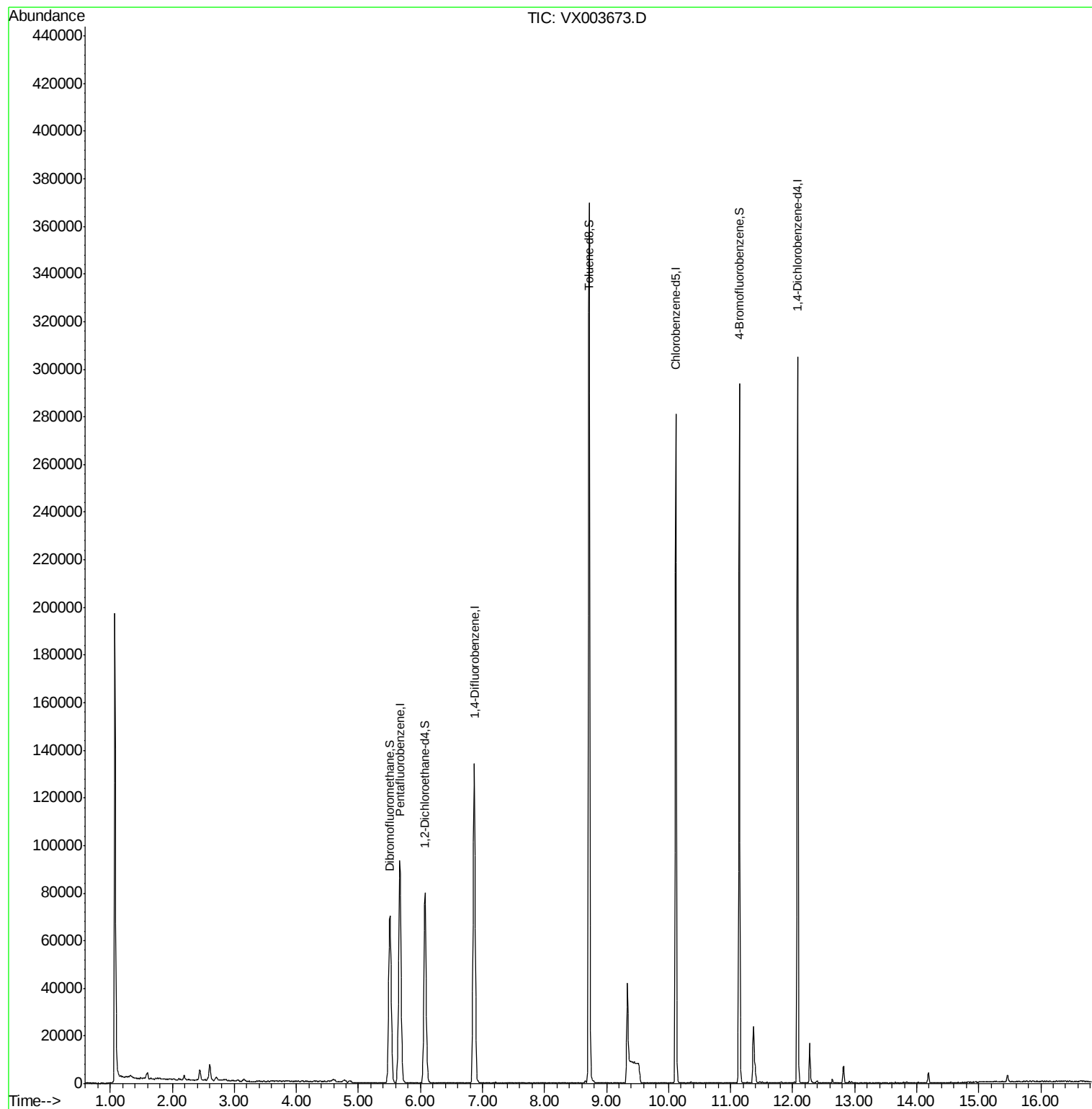
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003673.D

Acq: 26 Jul 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

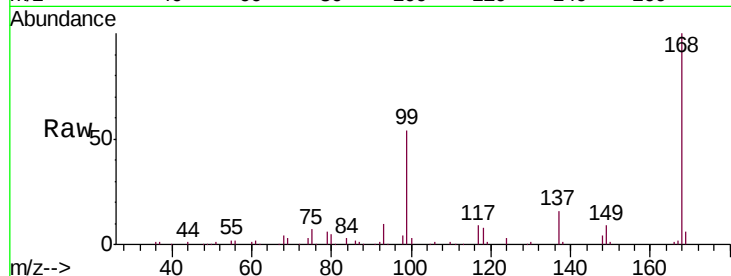
LC-SD-EB03-180719

Tot Ion:168 Resp: 91834

Ion Ratio Lower Upper

168 100

99 53.8 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

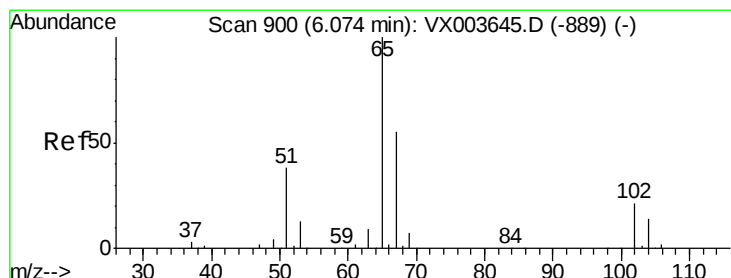
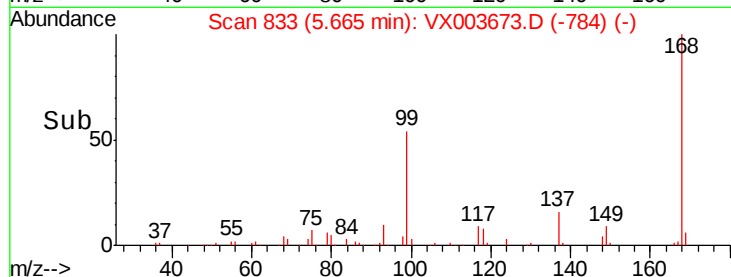
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003673.D

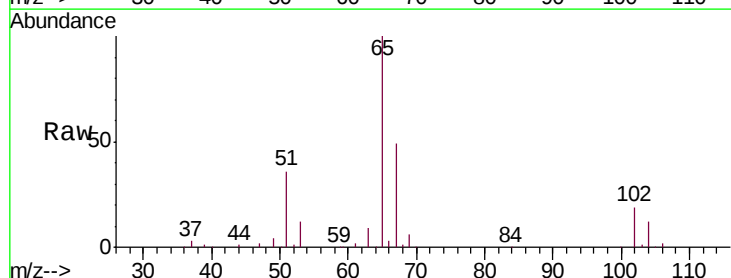
Acq: 26 Jul 2018 16:37

Tgt Ion: 65 Resp: 76147

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

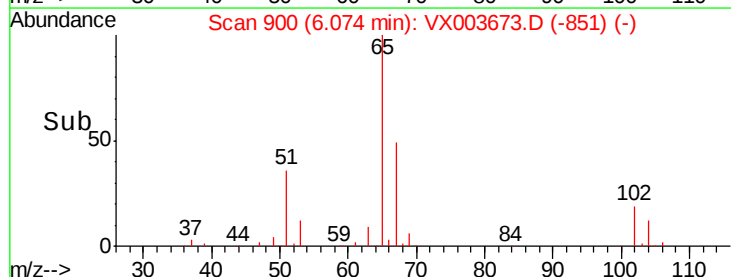
30000

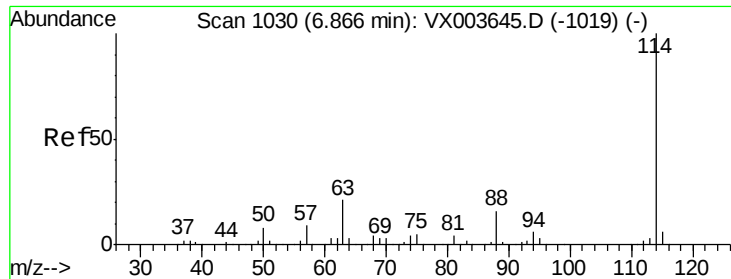
20000

10000

0

Time--> 6.00 6.10 6.20

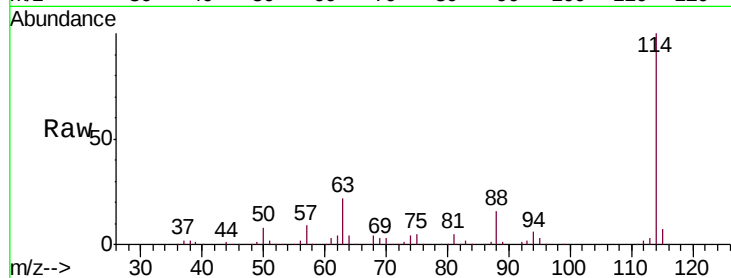




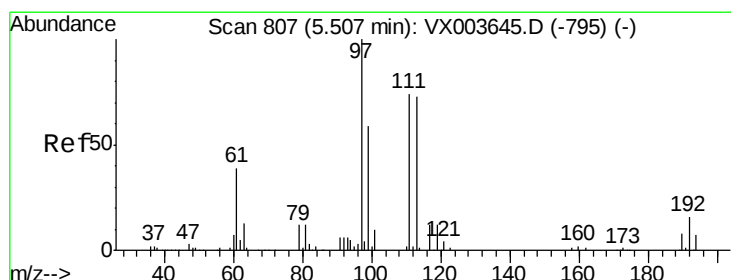
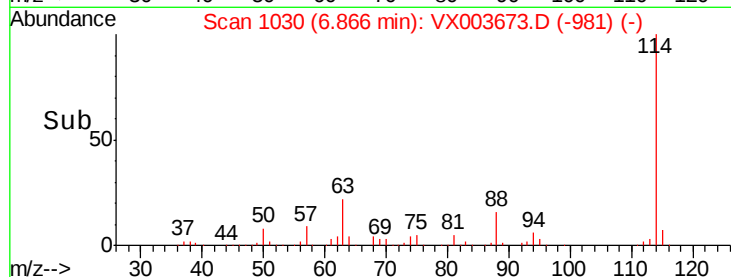
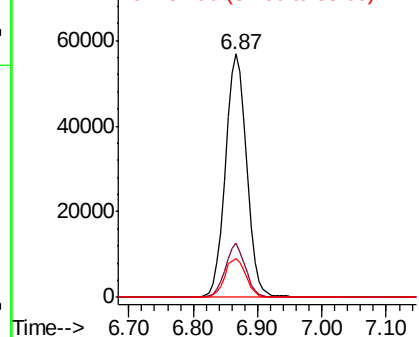
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003673.D
 Acq: 26 Jul 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-SD-EB03-180719

Tot Ion:114 Resp: 133182
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.0
 88 16.1 0.0 31.8

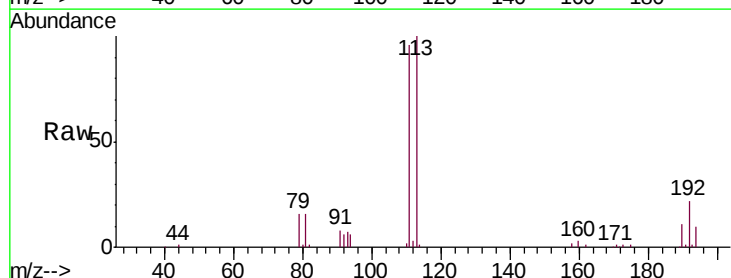


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

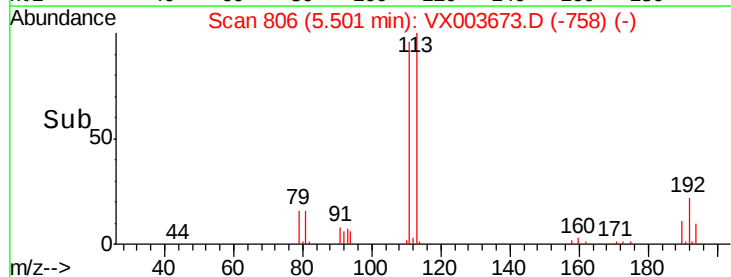
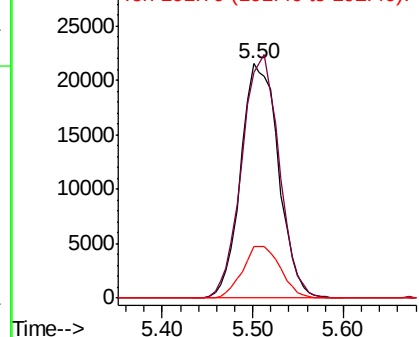


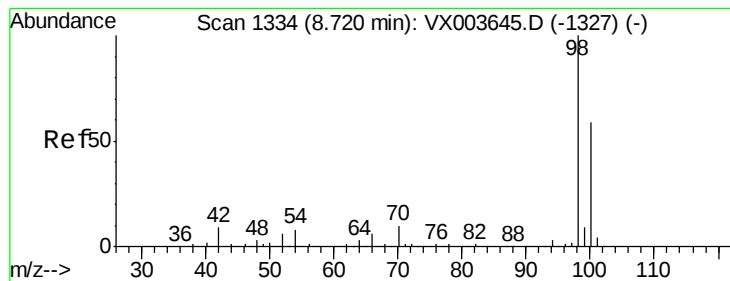
#35
 Dibromofluoromethane
 Concen: 57.17 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003673.D
 Acq: 26 Jul 2018 16:37

Tgt Ion:113 Resp: 62240
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 22.2 18.2 27.4



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: 52.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003673.D

Acq: 26 Jul 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

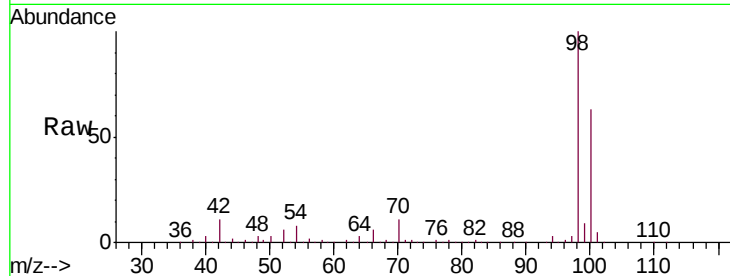
LC-SD-EB03-180719

Tot Ion: 98 Resp: 217242

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

150000

100000

50000

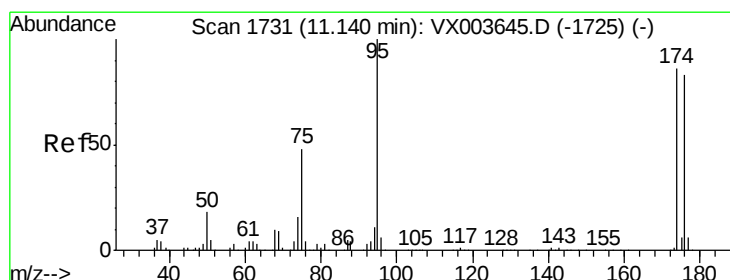
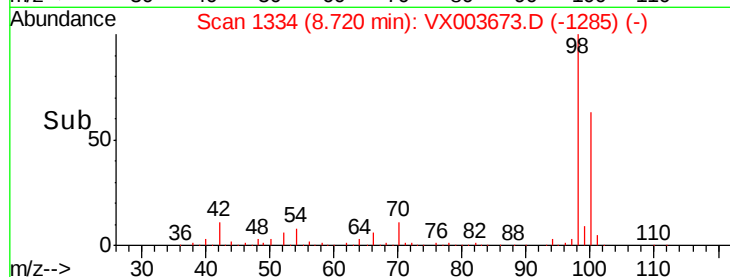
0

8.72

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003673.D

Acq: 26 Jul 2018 16:37

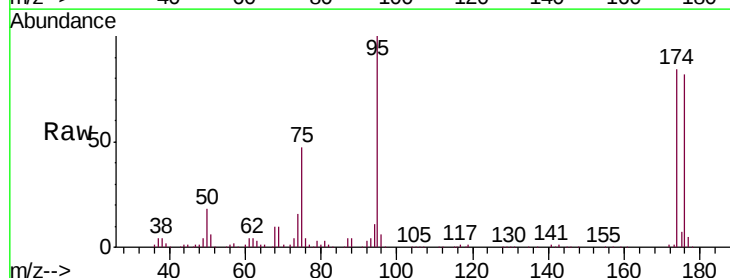
Tgt Ion: 95 Resp: 72558

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.0

176 85.9 0.0 173.0



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

80000

60000

40000

20000

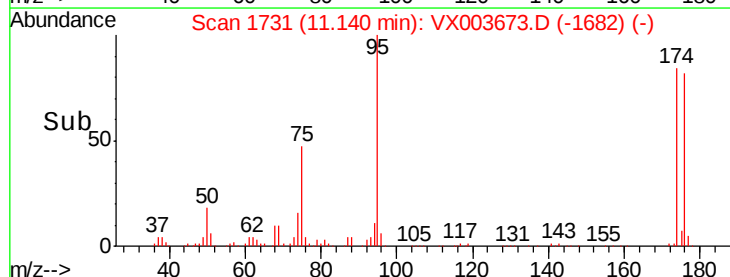
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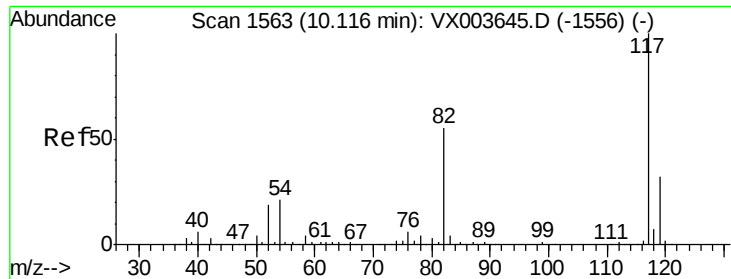
11.14

11.10

11.20

Time-->

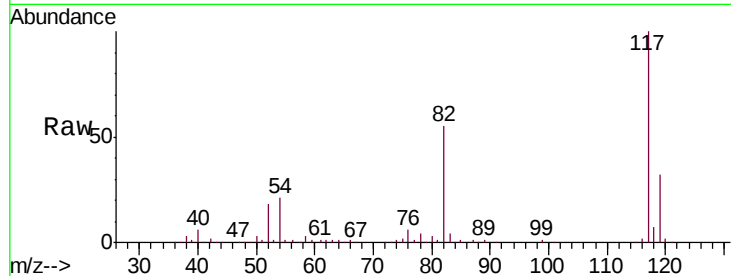




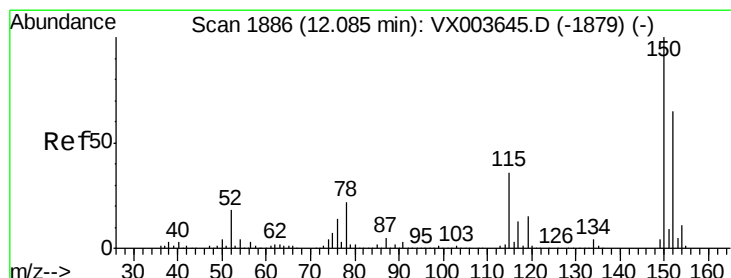
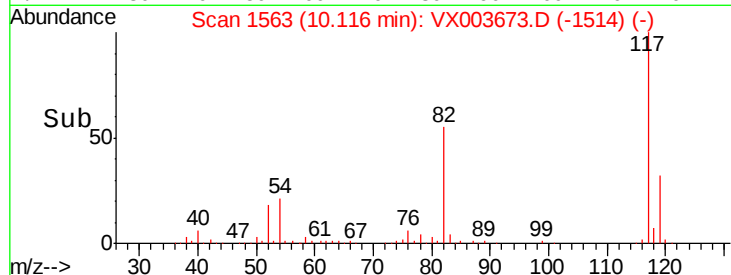
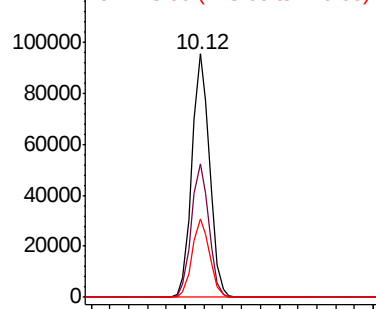
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003673.D
Acq: 26 Jul 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
LC-SD-EB03-180719

Tot Ion:117 Resp: 123881
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.4 25.6 38.4

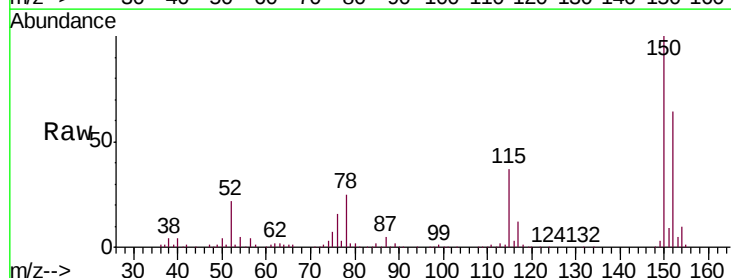


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003673.D
Acq: 26 Jul 2018 16:37

Tgt Ion:152 Resp: 63910
Ion Ratio Lower Upper
152 100
115 56.3 40.0 119.9
150 156.9 0.0 348.4



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

