

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003677.D
 Acq On : 26 Jul 2018 18:24
 Operator : JC/SP
 Sample : J4100-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LCTB04-180719

Quant Time: Jul 27 13:35:36 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	88168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	129213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	66744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	73600	56.35	ug/l	0.00
Spiked Amount			Recovery	=	112.70%	
35) Dibromofluoromethane	5.51	113	61063	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
50) Toluene-d8	8.72	98	223950	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.14	95	75380	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	

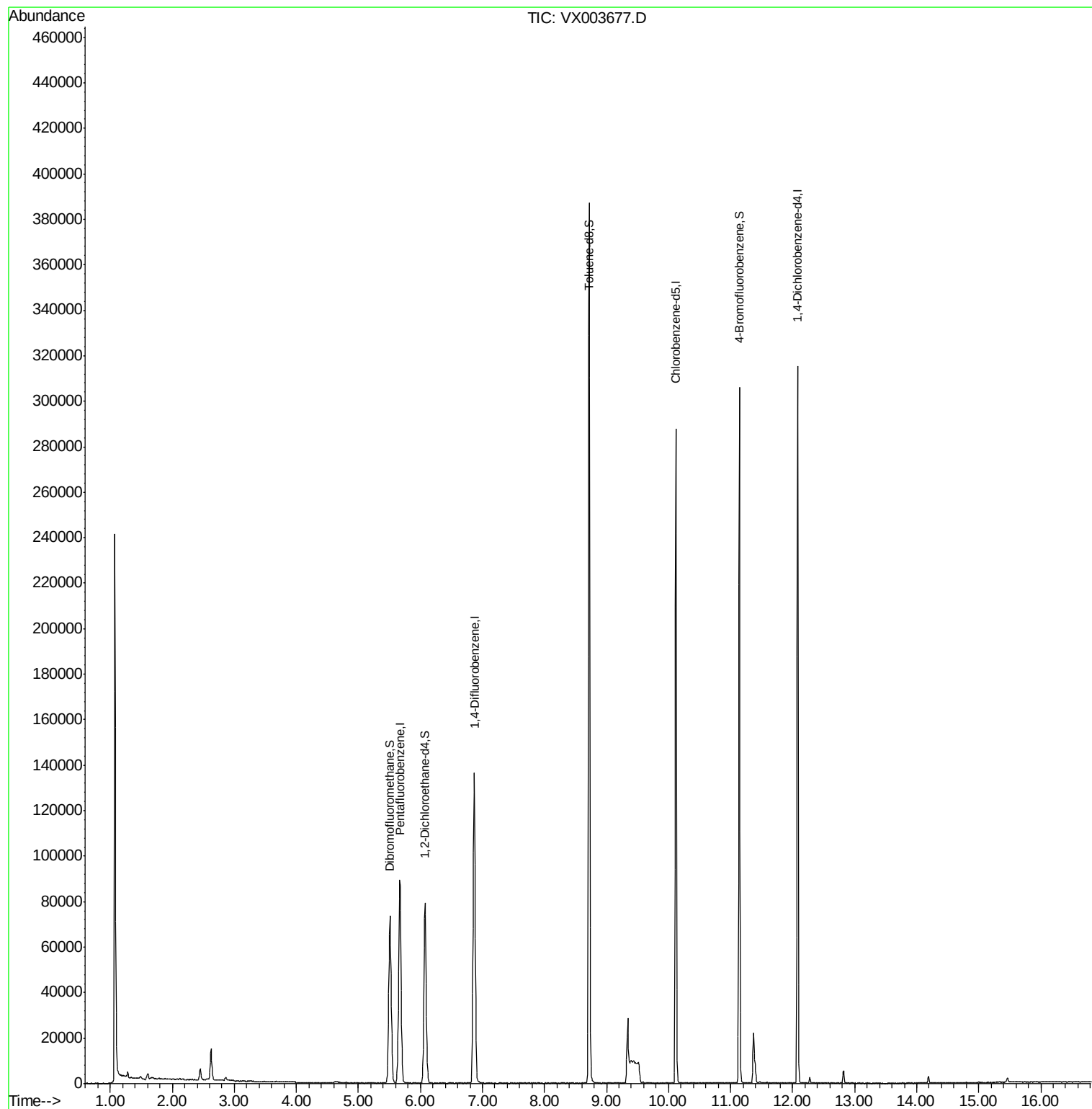
Target Compounds	Qvalue
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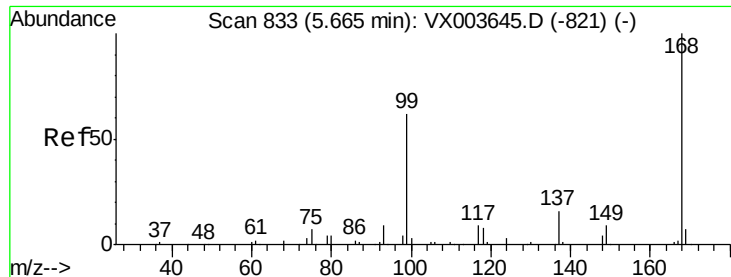
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003677.D

Acq: 26 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

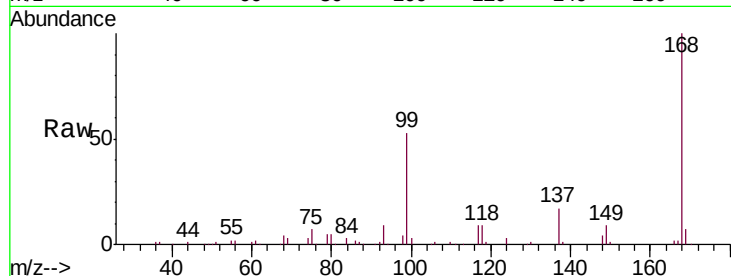
LCTB04-180719

Tot Ion:168 Resp: 88168

Ion Ratio Lower Upper

168 100

99 53.0 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): VX003645.D (-821) (-)

Ion 98.90 (98.60 to 99.60): VX003645.D (-821) (-)

5.67

30000

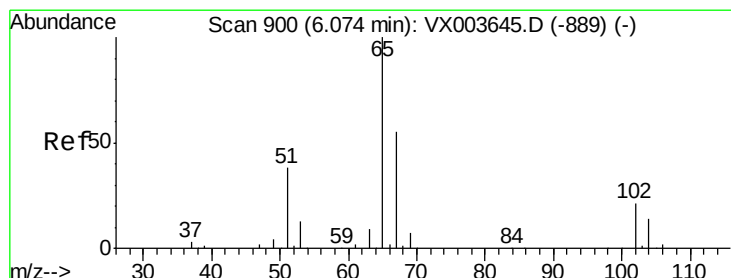
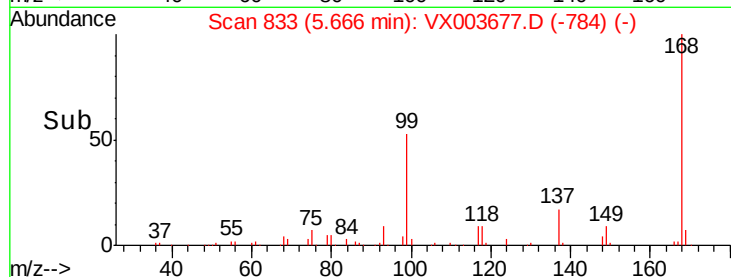
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003677.D

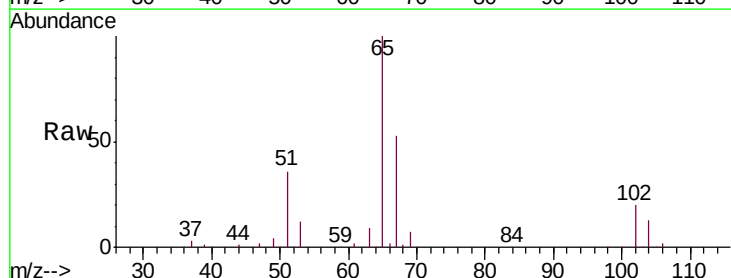
Acq: 26 Jul 2018 18:24

Tgt Ion: 65 Resp: 73600

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX003645.D (-889) (-)

Ion 66.90 (66.60 to 67.60): VX003645.D (-889) (-)

6.07

30000

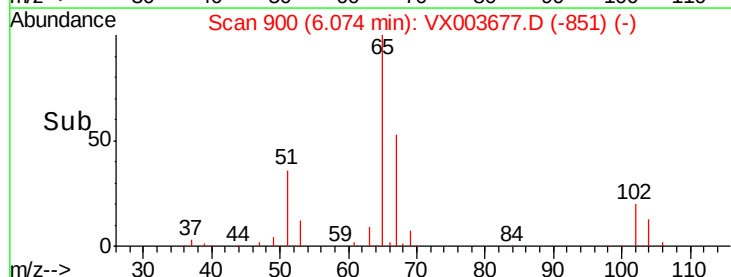
20000

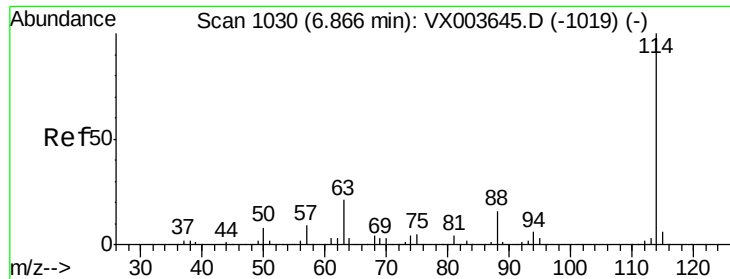
10000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003677.D

Acq: 26 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

LCTB04-180719

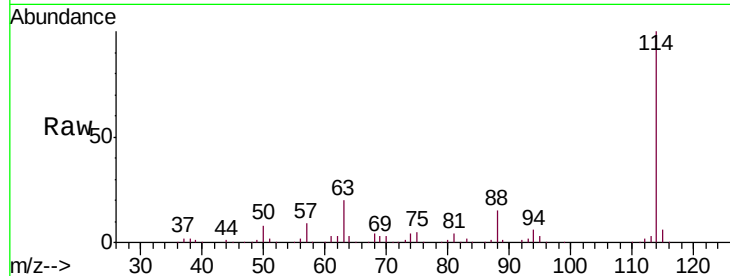
Tot Ion:114 Resp: 136489

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

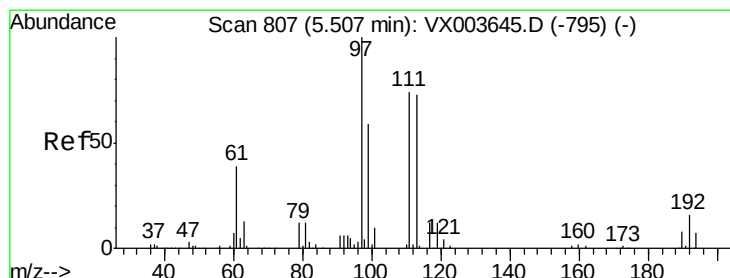
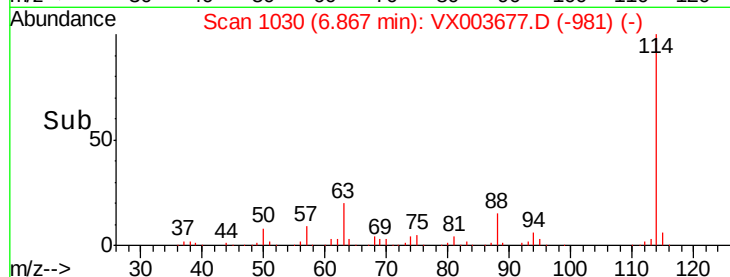
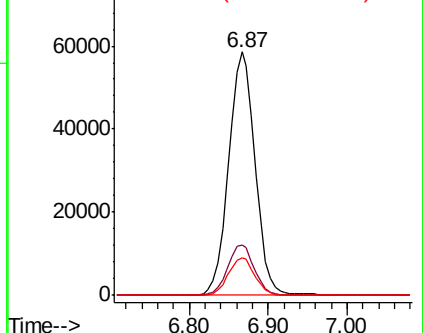
88 15.2 0.0 31.8



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: 54.73 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003677.D

Acq: 26 Jul 2018 18:24

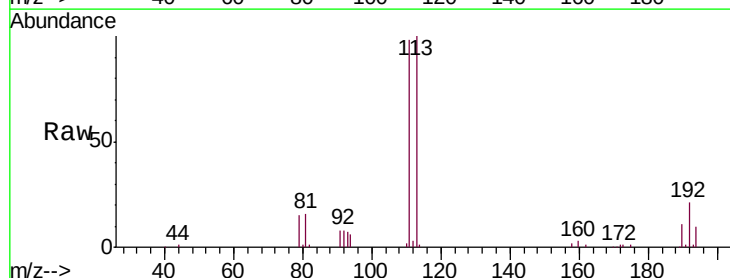
Tgt Ion:113 Resp: 61063

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

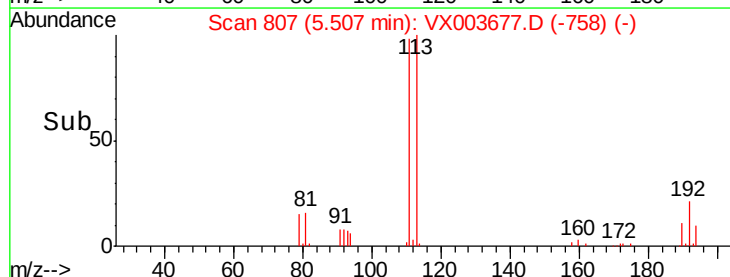
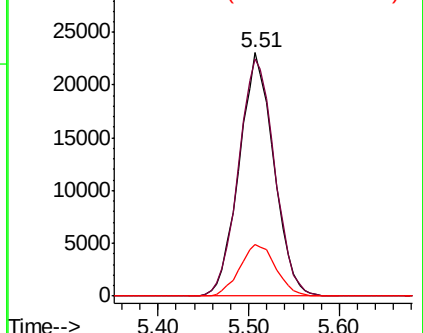
192 22.3 18.2 27.4

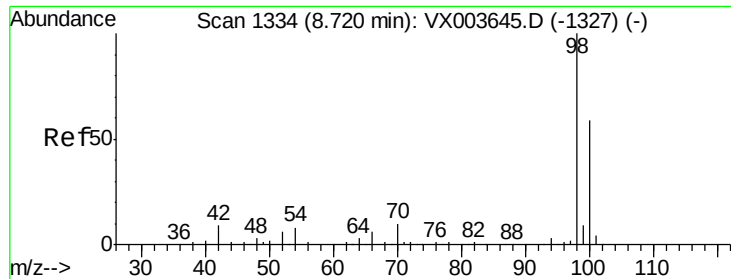


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

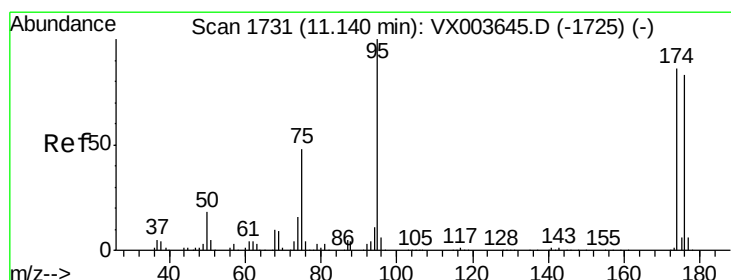
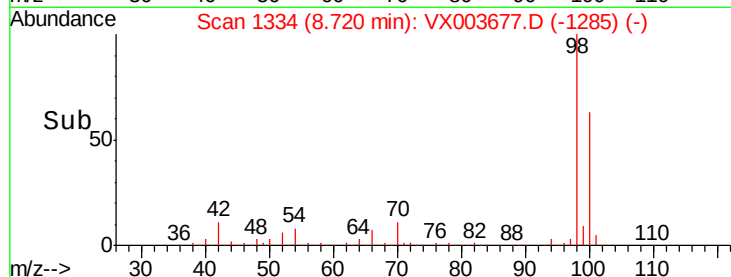
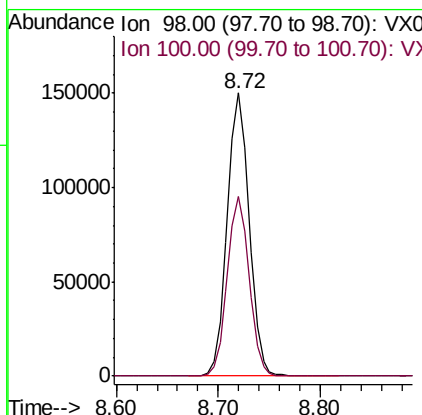
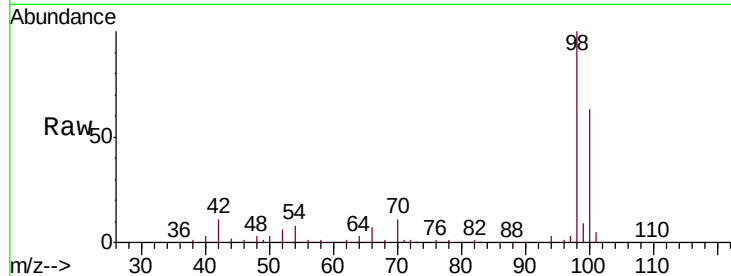




#50
Toluene-d8
Concen: 52.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003677.D
Acq: 26 Jul 2018 18:24

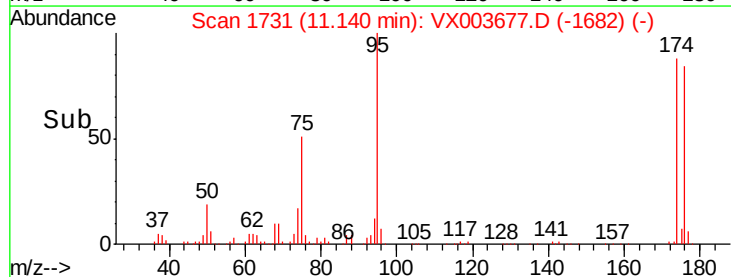
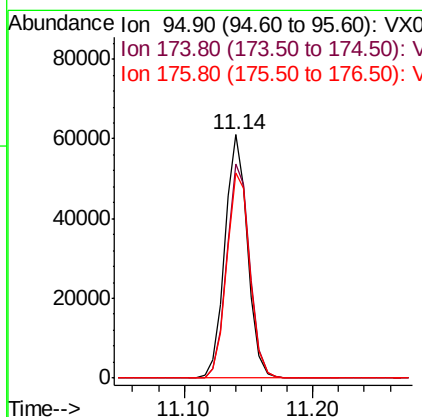
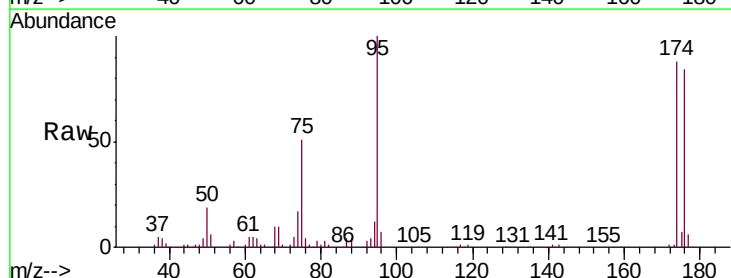
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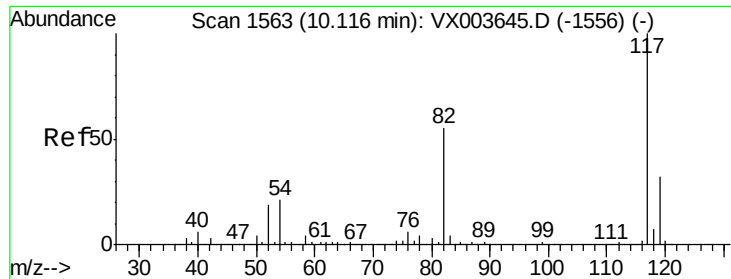
Tot Ion: 98 Resp: 223950
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003677.D
Acq: 26 Jul 2018 18:24

Tgt Ion: 95 Resp: 75380
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.0
176 86.6 0.0 173.0

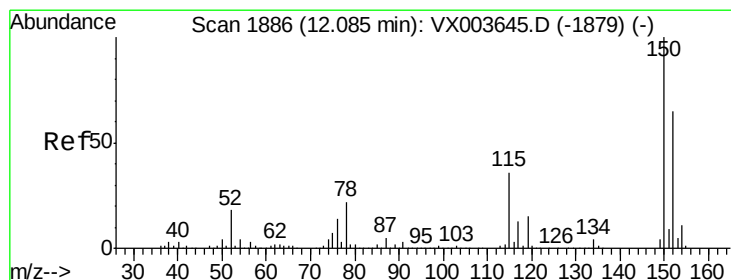
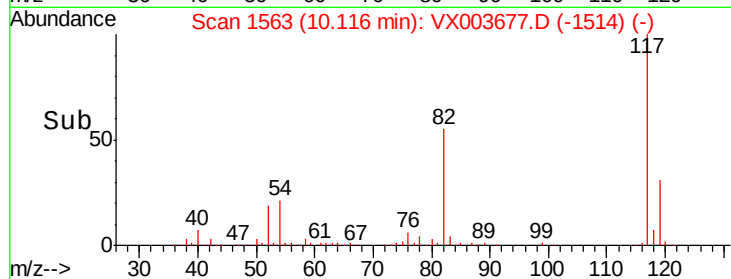
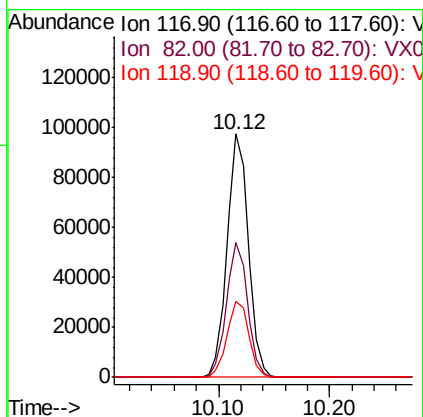
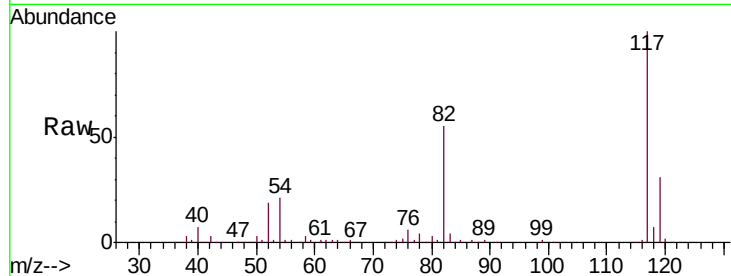




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003677.D
Acq: 26 Jul 2018 18:24

Instrument :
MSVOA_X
ClientSampleId :
LCTB04-180719

Tot Ion:117 Resp: 129213
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003677.D
Acq: 26 Jul 2018 18:24

Tgt Ion:152 Resp: 66744
Ion Ratio Lower Upper
152 100
115 56.1 40.0 119.9
150 155.3 0.0 348.4

