

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004873.D
 Acq On : 01 Oct 2018 16:22
 Operator : JC/MD
 Sample : J5135-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-2327

Quant Time: Oct 04 10:02:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166677	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
35) Dibromofluoromethane	5.50	113	141548	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.72	98	506682	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	179844	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	

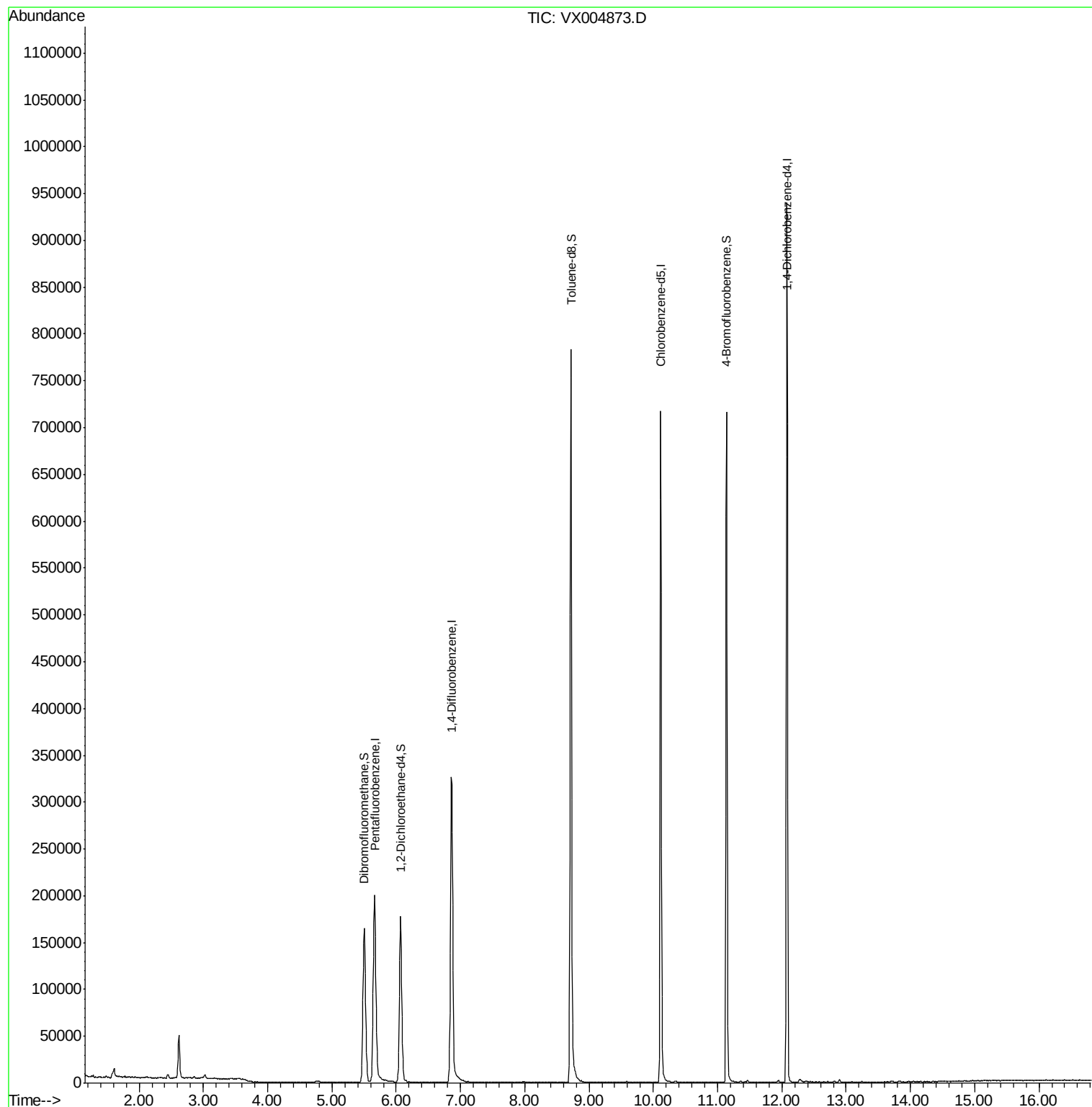
Target Compounds Qvalue

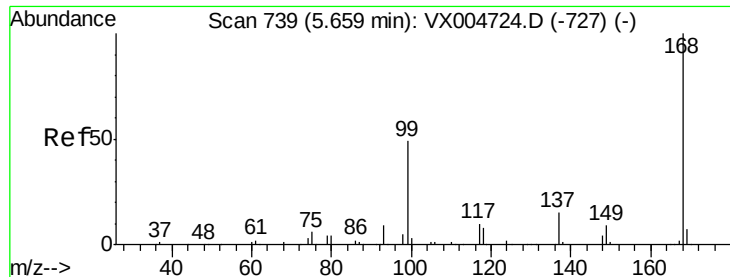
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004873.D

Acq: 01 Oct 2018 16:22

Instrument :

MSVOA_X

ClientSampleId :

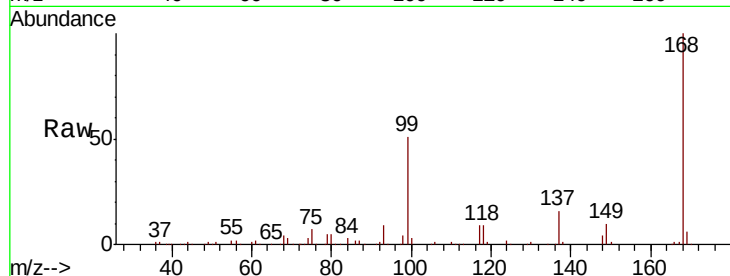
SA-TW509-2327

Tot Ion:168 Resp: 208980

Ion Ratio Lower Upper

168 100

99 50.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

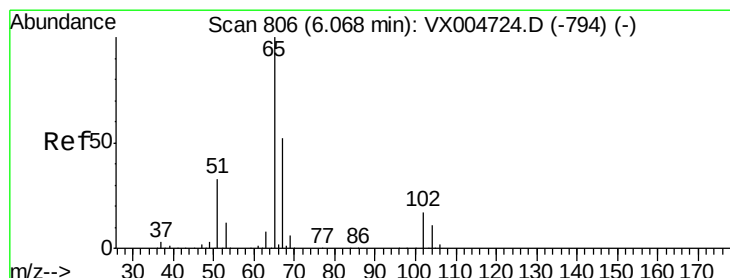
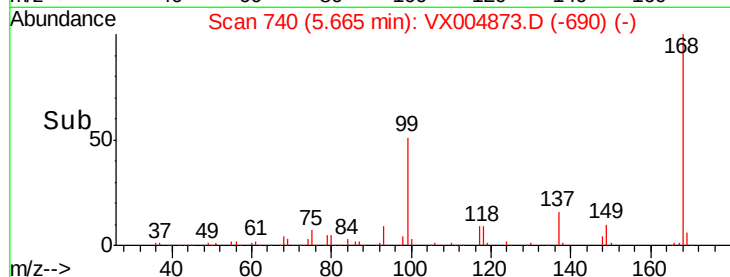
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.833 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004873.D

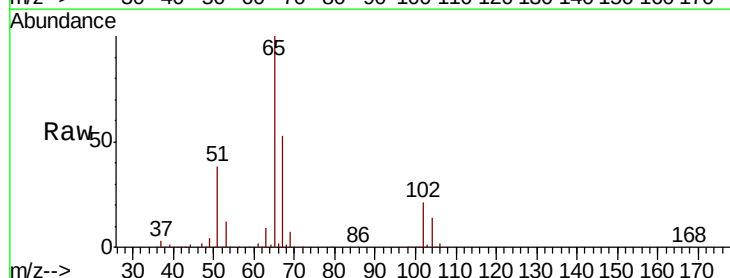
Acq: 01 Oct 2018 16:22

Tgt Ion: 65 Resp: 166677

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

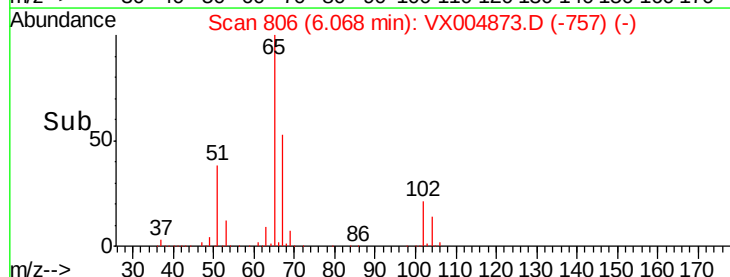
60000

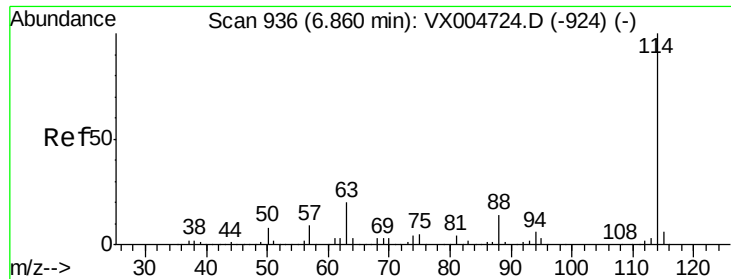
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

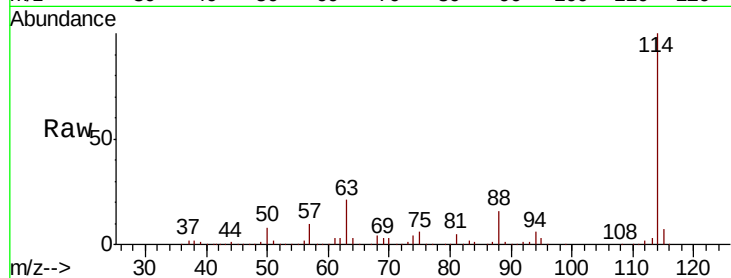




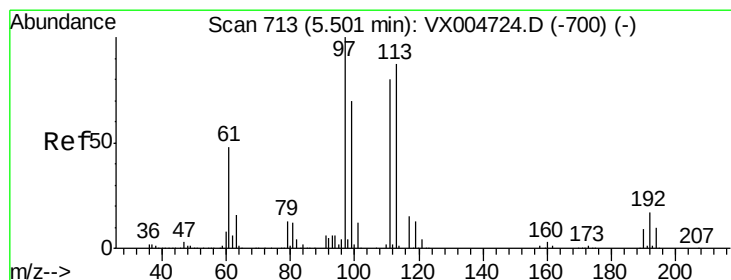
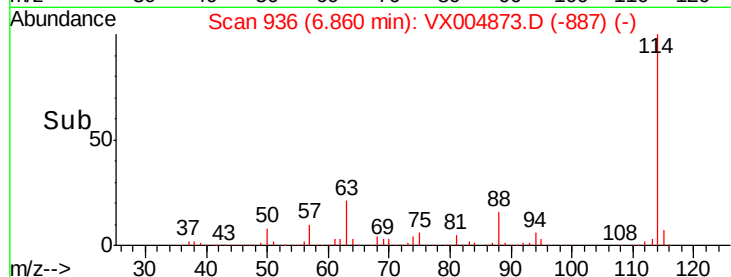
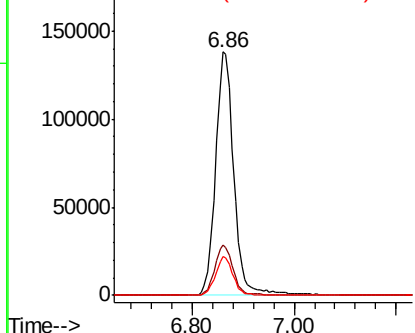
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004873.D
 Acq: 01 Oct 2018 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-2327

Tot Ion:114 Resp: 345446
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 16.1 0.0 30.4

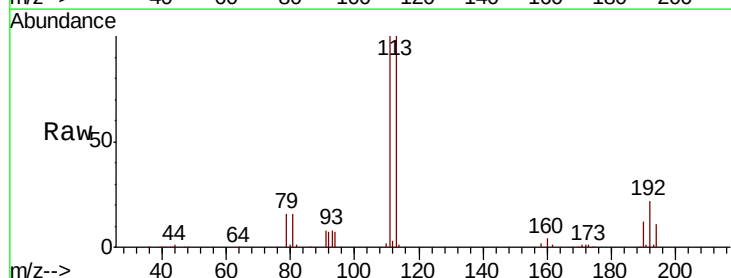


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

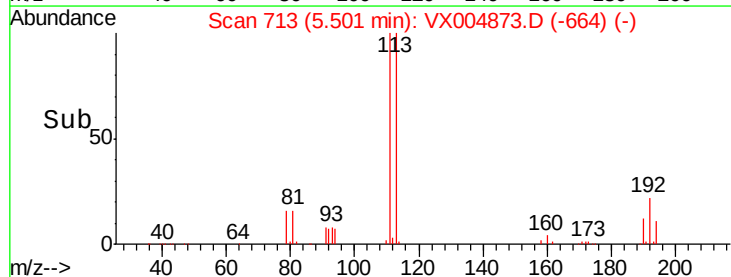
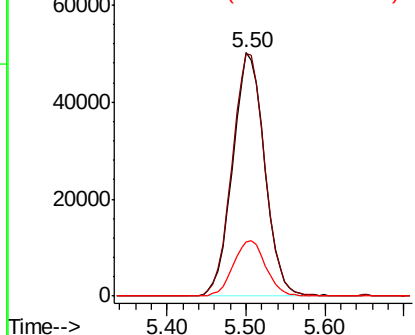


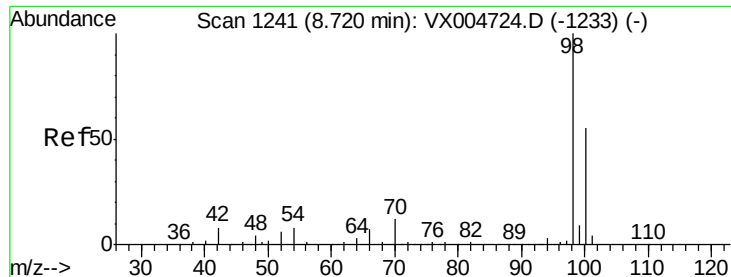
#35
 Dibromofluoromethane
 Concen: 48.348 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004873.D
 Acq: 01 Oct 2018 16:22

Tgt Ion:113 Resp: 141548
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 23.3 19.4 29.2



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

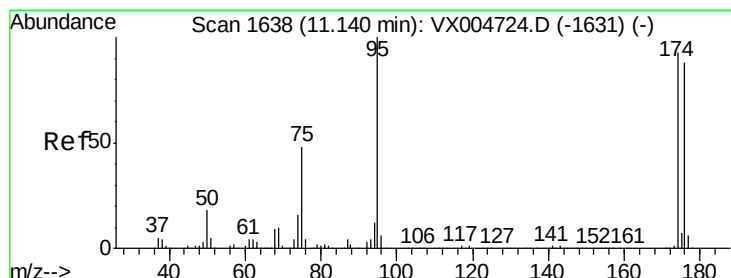
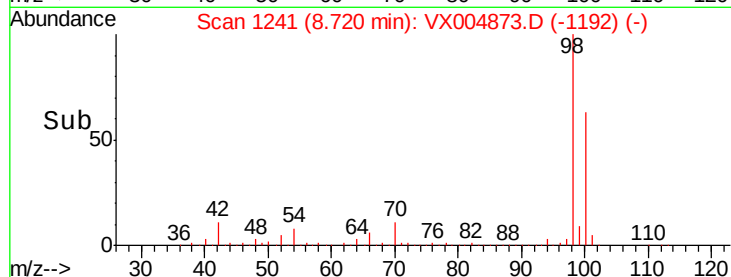
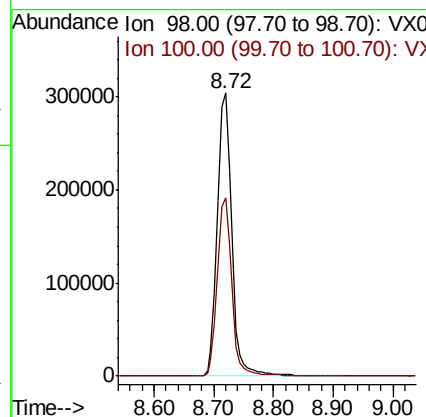
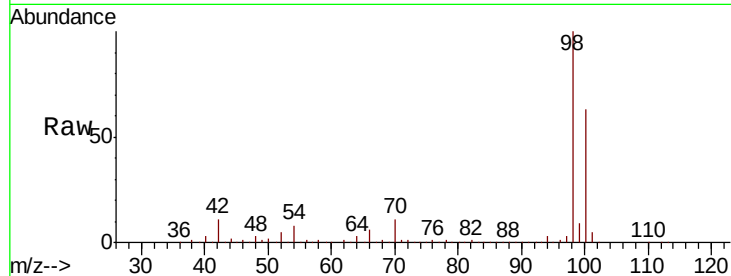




#50
Toluene-d8
Concen: 52.058 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004873.D
Acq: 01 Oct 2018 16:22

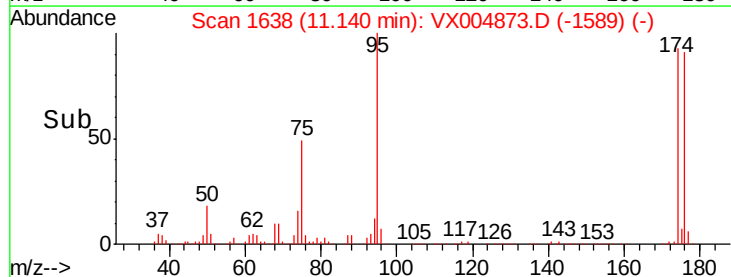
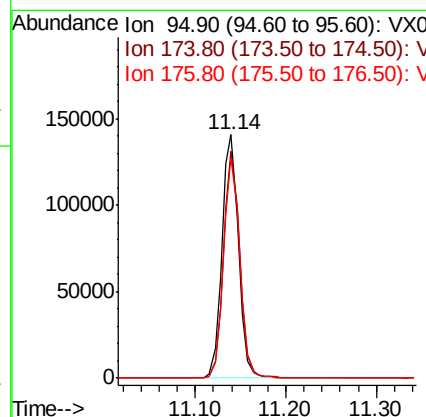
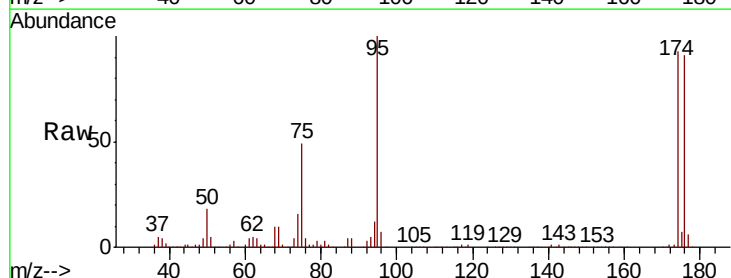
Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-2327

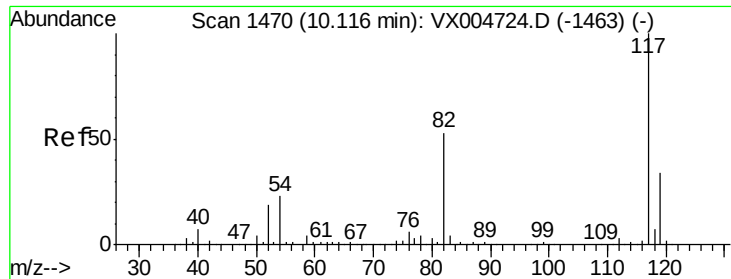
Tot Ion: 98 Resp: 506682
Ion Ratio Lower Upper
98 100
100 63.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.290 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004873.D
Acq: 01 Oct 2018 16:22

Tgt Ion: 95 Resp: 179844
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 88.8 0.0 178.6

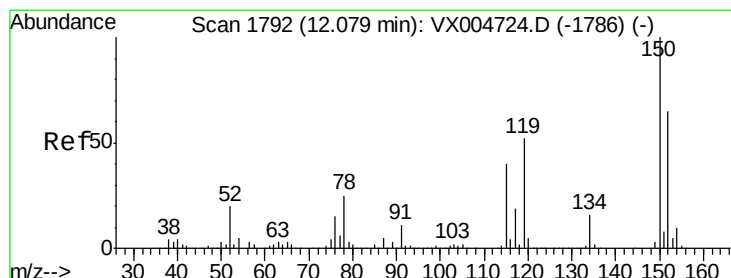
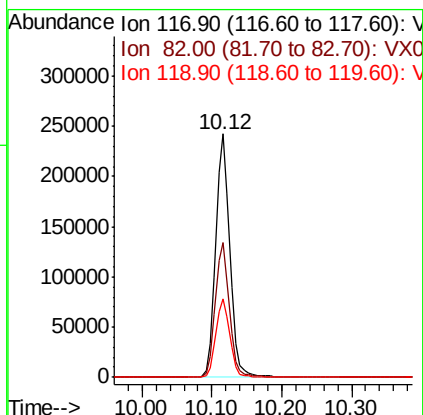
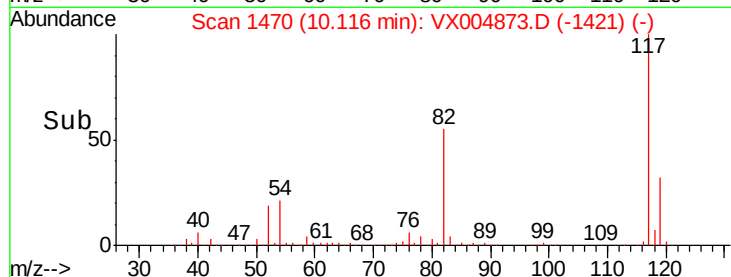
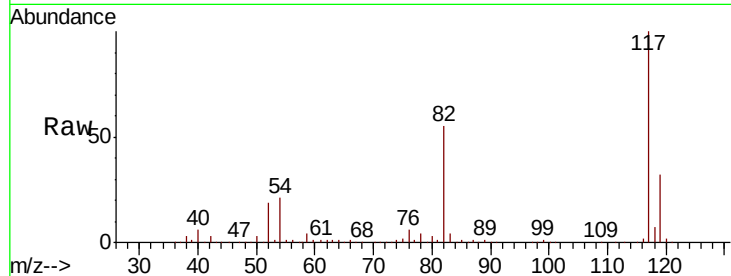




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004873.D
Acq: 01 Oct 2018 16:22

Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-2327

Tot Ion:117 Resp: 340543
Ion Ratio Lower Upper
117 100
82 55.3 47.8 71.6
119 32.3 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004873.D
Acq: 01 Oct 2018 16:22

Tgt Ion:152 Resp: 190980
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 156.6 0.0 351.0

