

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025293.D
 Acq On : 10 Jul 2018 16:53
 Operator : MD/SY
 Sample : J3898-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

Quant Time: Jul 11 09:21:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

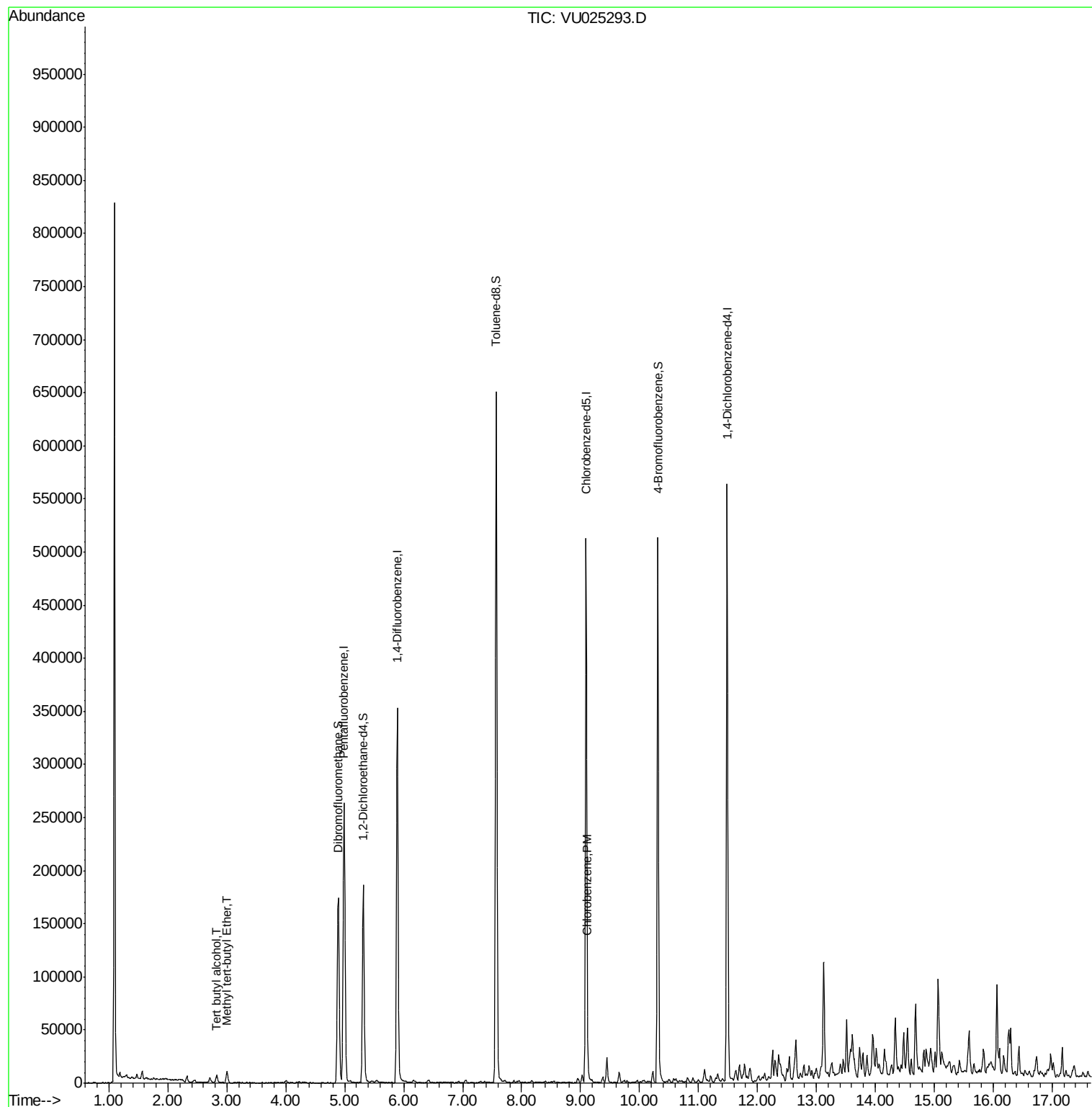
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300028	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154062	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	4.89	113	116674	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	7.57	98	433862	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	10.31	95	158329	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	7921	11.52	ug/l	# 94
19) Methyl tert-butyl Ether	3.00	73	10152	1.30	ug/l	92
65) Chlorobenzene	9.12	112	4994	0.71	ug/l	91

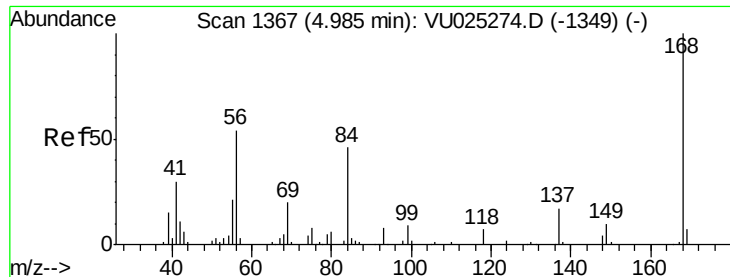
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

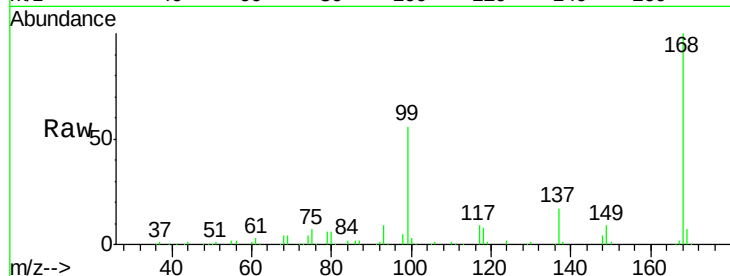
SS038MW077-180703

Tot Ion:168 Resp: 202890

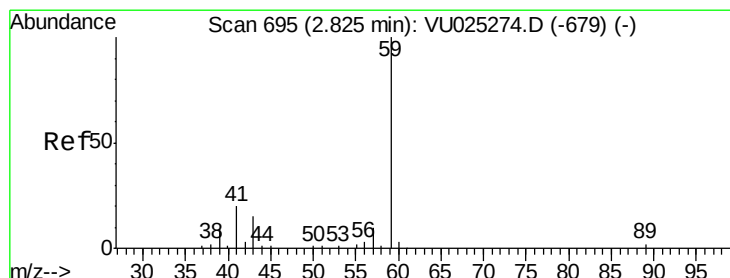
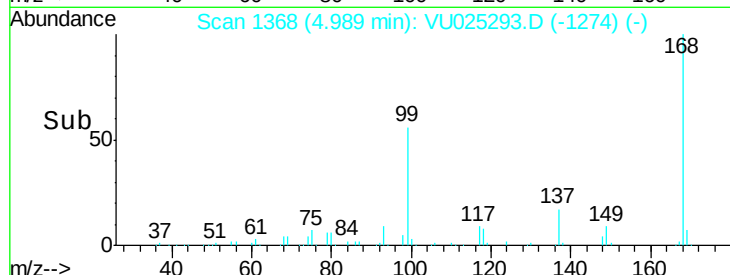
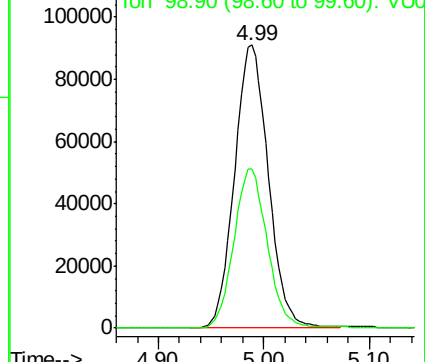
Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025293.D (-1274) (-)



#11

Tert butyl alcohol

Concen: 11.52 ug/l

RT: 2.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VU025293.D

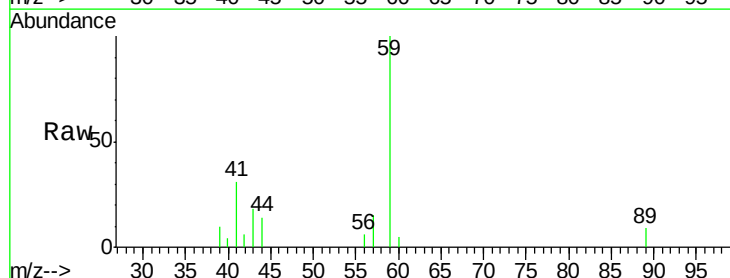
Acq: 10 Jul 2018 16:53

Tgt Ion: 59 Resp: 7921

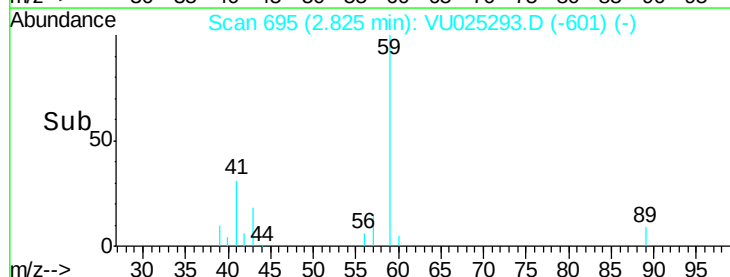
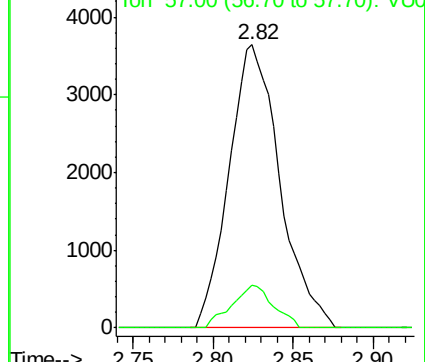
Ion Ratio Lower Upper

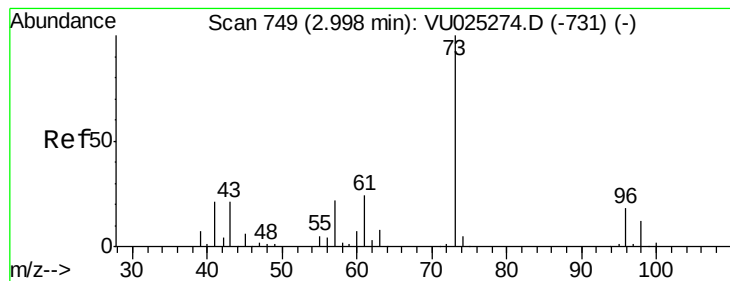
59 100

57 12.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025293.D (-601) (-)



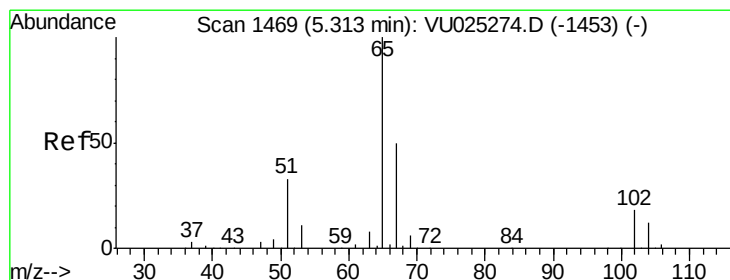
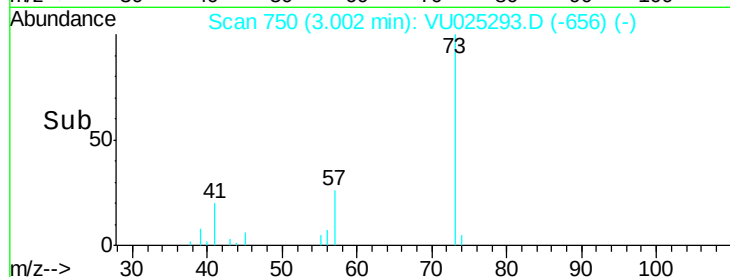
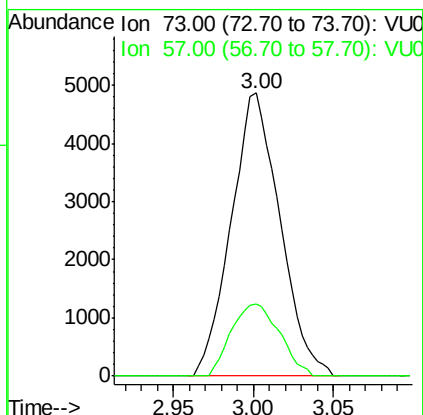
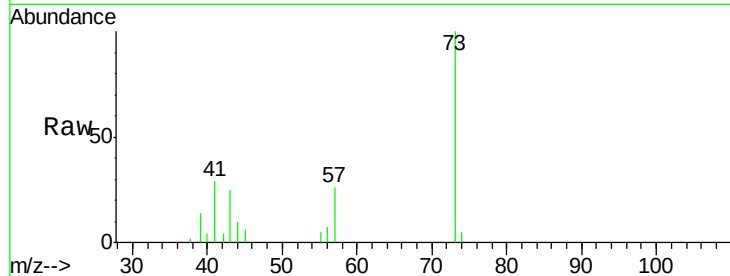


#19

Methyl tert-butyl Ether
 Concen: 1.30 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

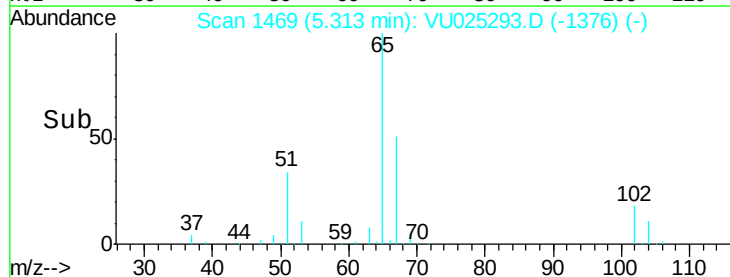
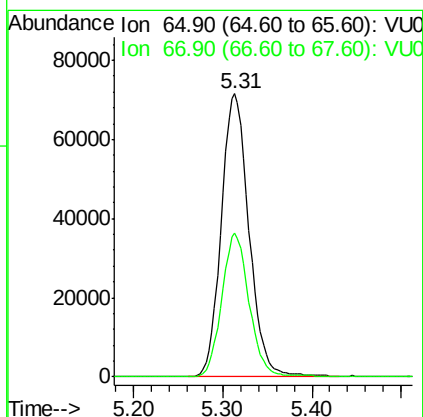
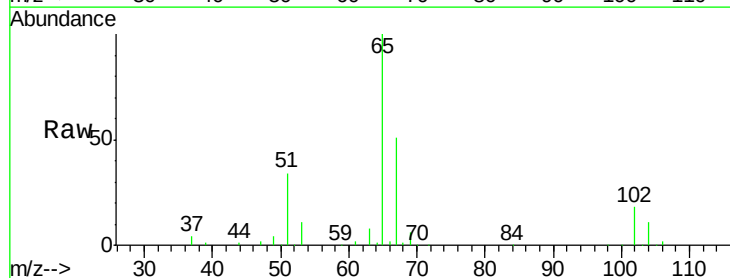
Tot Ion: 73 Resp: 10152
 Ion Ratio Lower Upper
 73 100
 57 25.7 17.4 26.2

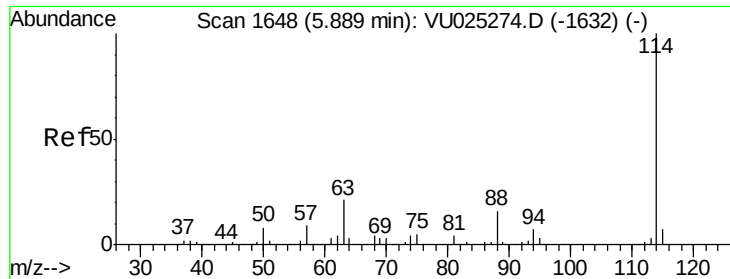


#33

1,2-Dichloroethane-d4
 Concen: 48.88 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Tgt Ion: 65 Resp: 154062
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.6

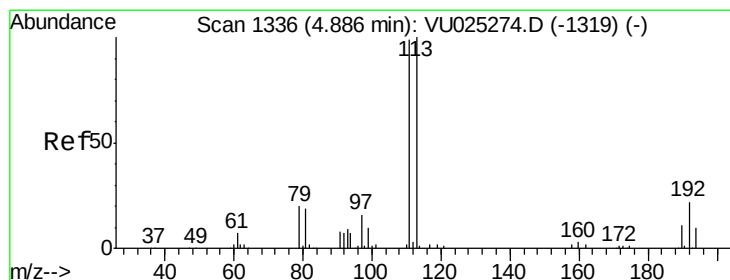
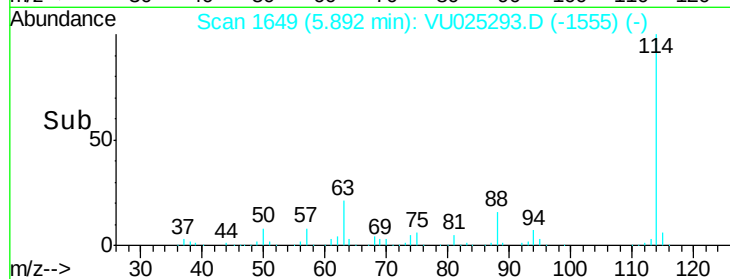
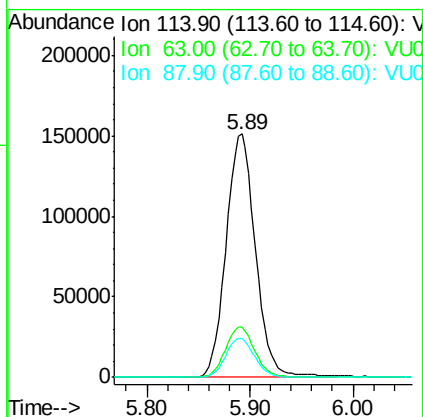
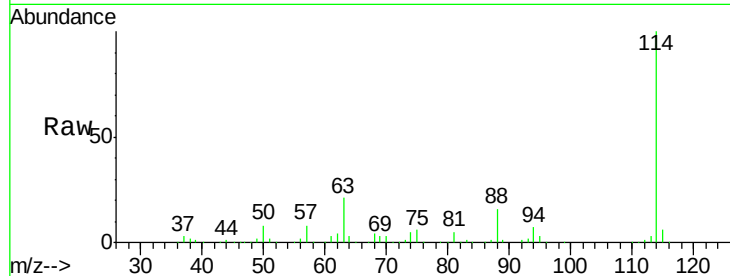




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

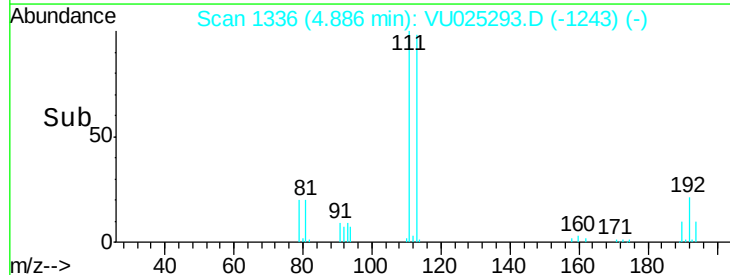
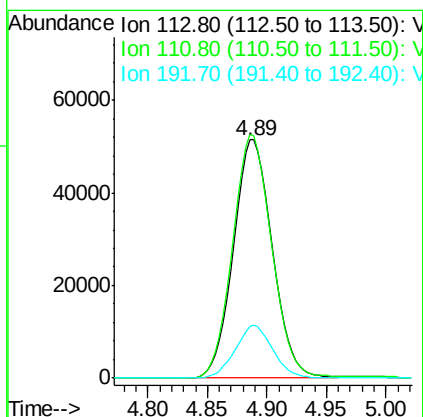
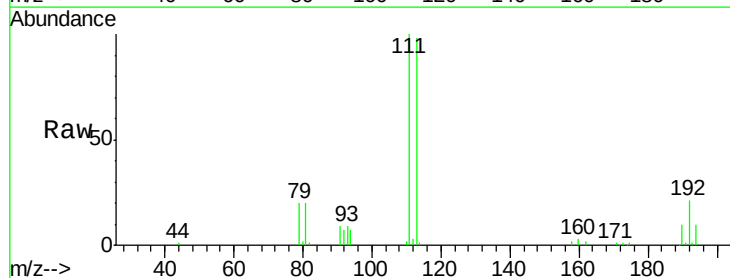
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

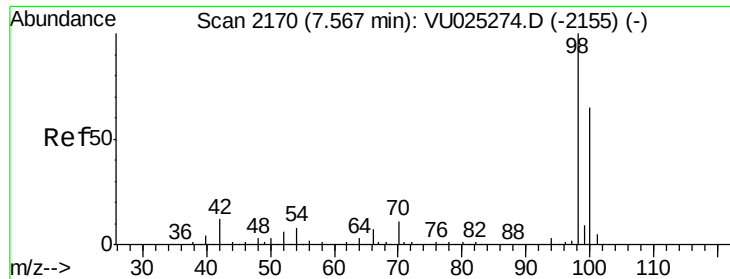
Tot Ion:114 Resp: 300028
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.6
 88 15.8 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 46.10 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Tgt Ion:113 Resp: 116674
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 21.4 17.1 25.7

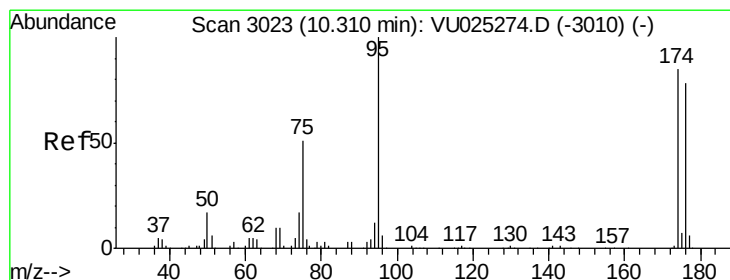
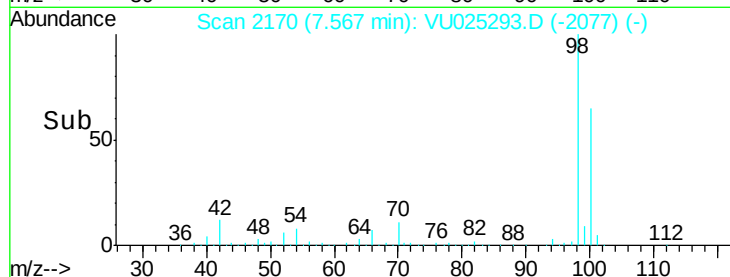
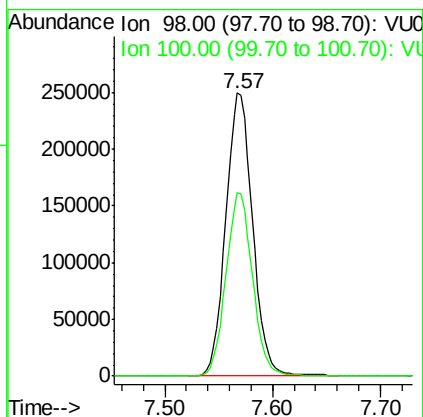
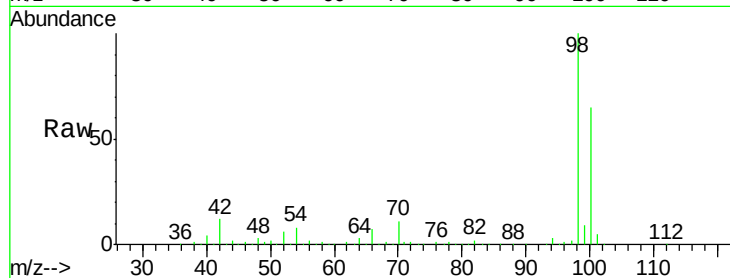




#50
Toluene-d8
Concen: 50.06 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

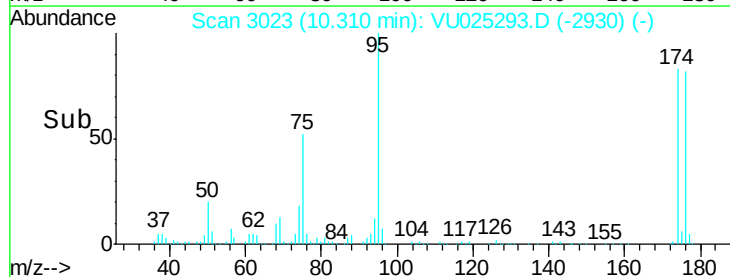
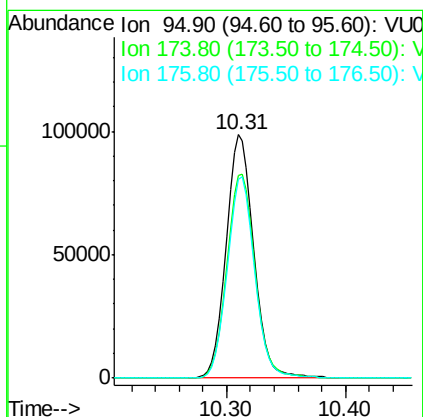
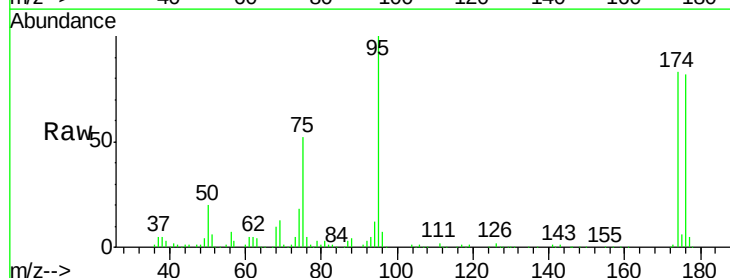
Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

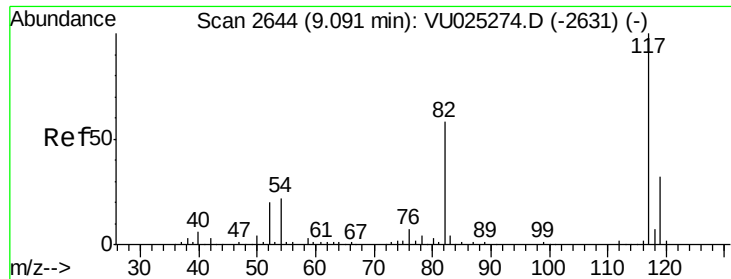
Tot Ion: 98 Resp: 433862
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion: 95 Resp: 158329
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 82.5 0.0 162.6

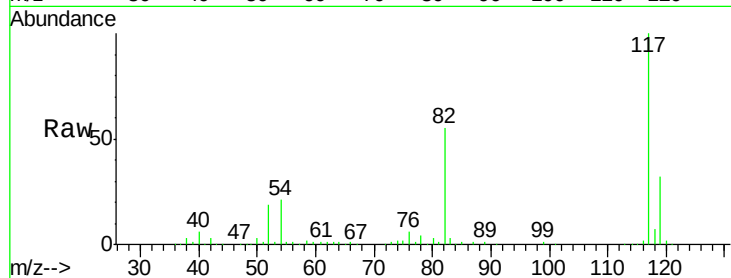




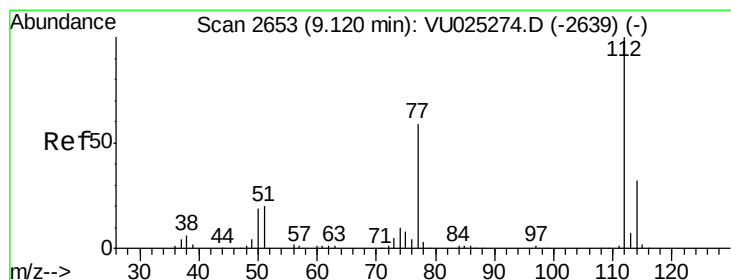
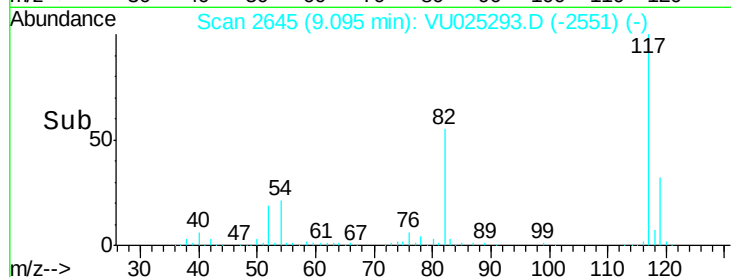
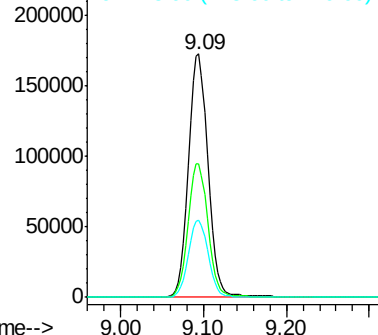
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

Tot Ion:117 Resp: 282725
Ion Ratio Lower Upper
117 100
82 54.7 46.0 69.0
119 31.7 26.0 39.0

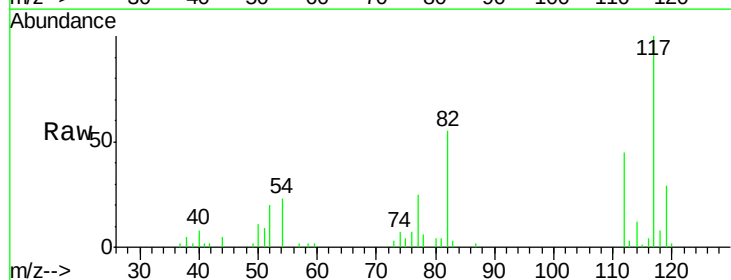


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

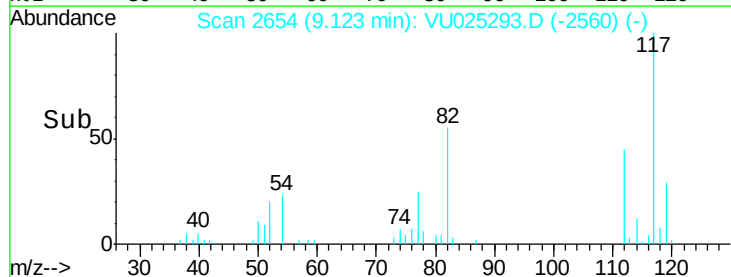
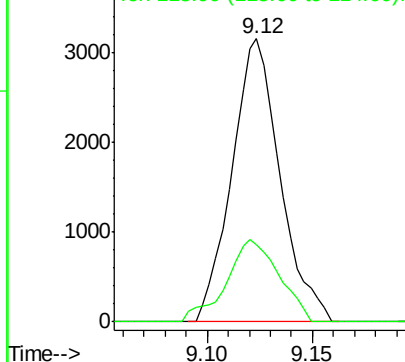


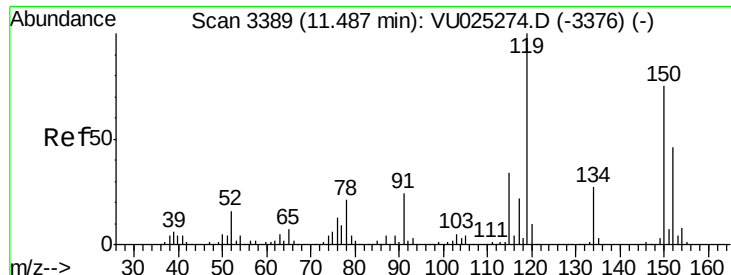
#65
Chlorobenzene
Concen: 0.71 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion:112 Resp: 4994
Ion Ratio Lower Upper
112 100
114 27.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	40.1	120.3
150	156.6	0.0	351.4

