Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028753.D
Acq On : 18 Dec 2018 05:11
Operator : MD/SY
Sample : J6413-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-7

Quant Time: Dec 18 08:39:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	89873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	159027	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	52071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70646	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
35) Dibromofluoromethane	4.88	113	53563	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.04%			
50) Toluene-d8	7.56	98	201869	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.98%			
62) 4-Bromofluorobenzene	10.30	95	66183	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.46%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.82	59	221527	724.965	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	1759086	463.737	ug/l	99
22) Diisopropyl ether	3.57	45	30754	6.681	ug/l	92

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

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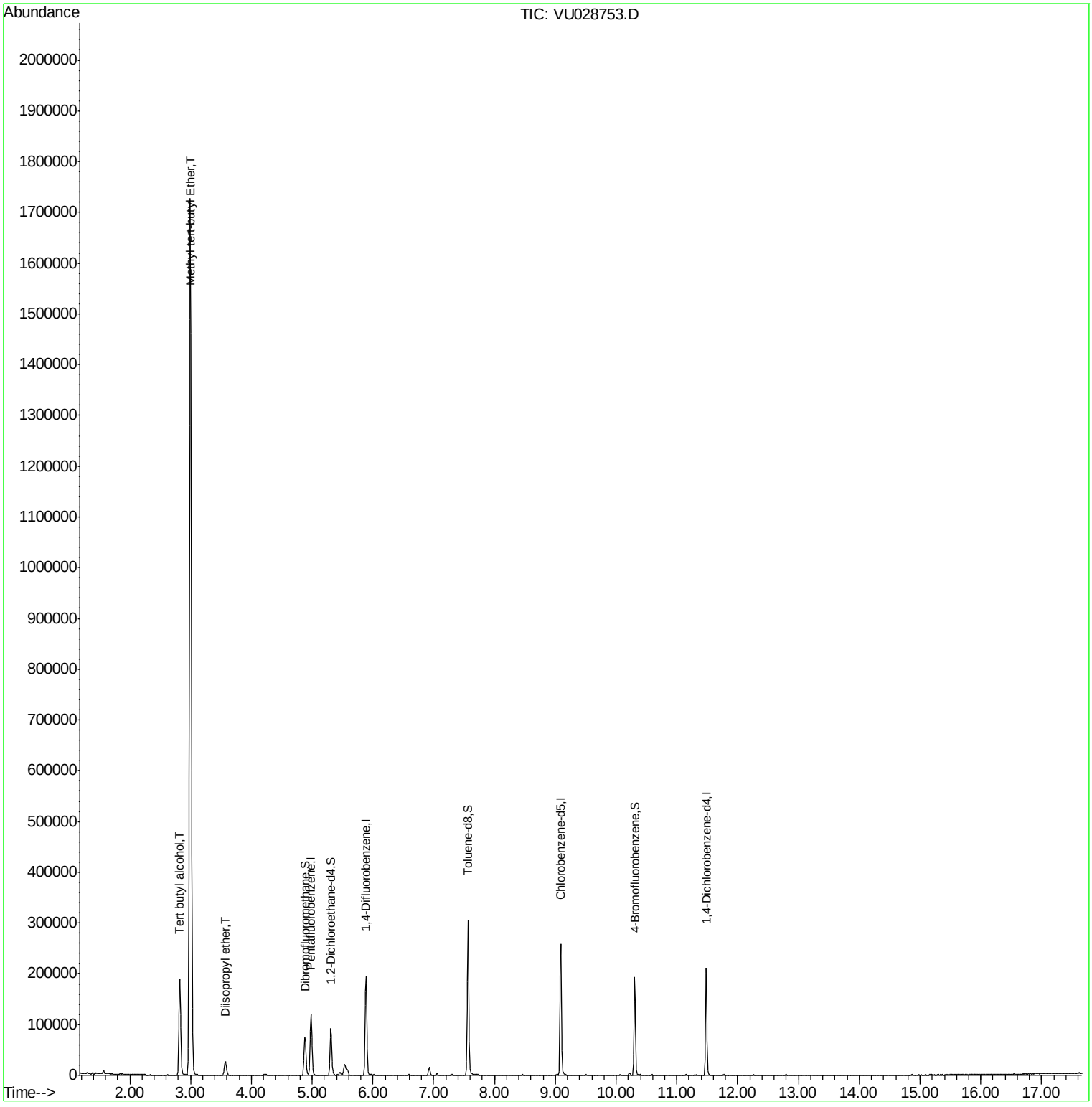
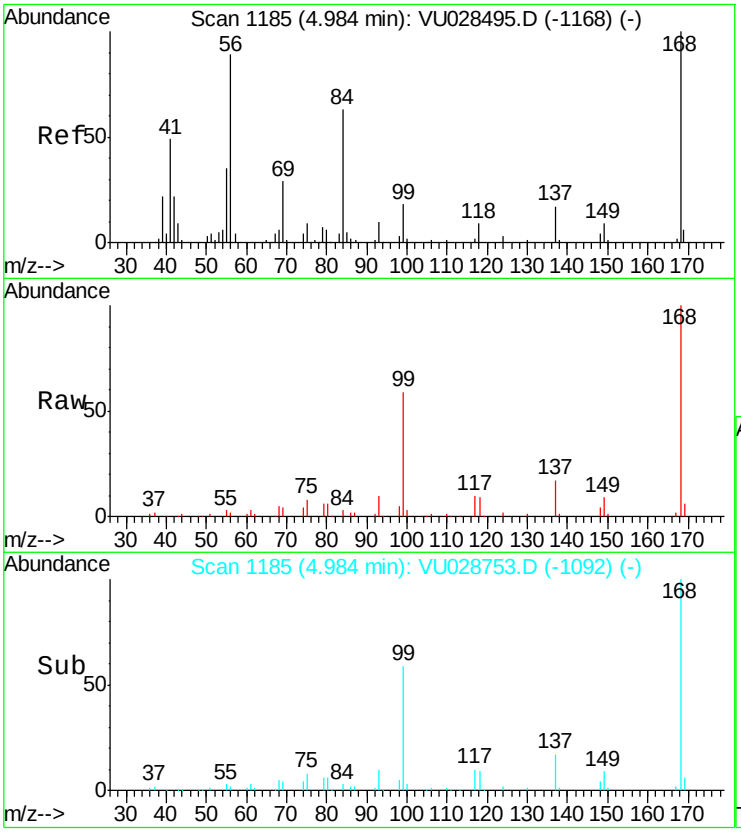


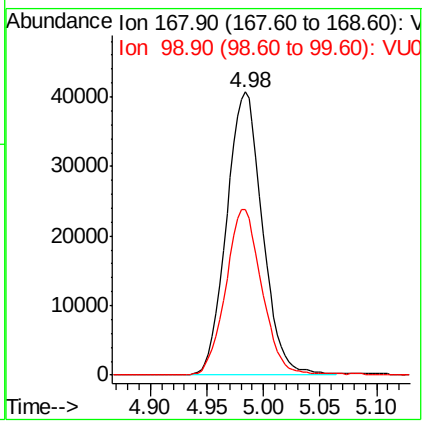


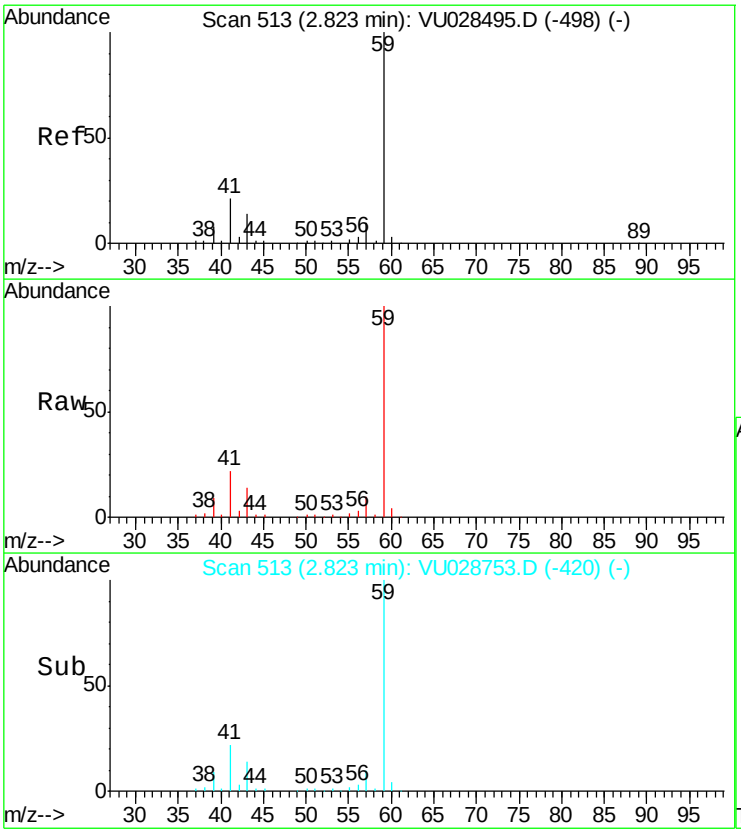
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion:168 Resp: 89873

Ion	Ratio	Lower	Upper
168	100		
99	58.6	46.6	69.8

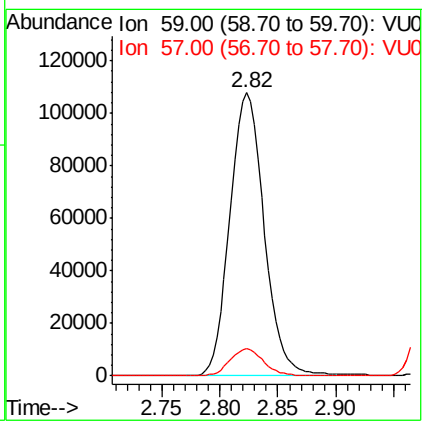


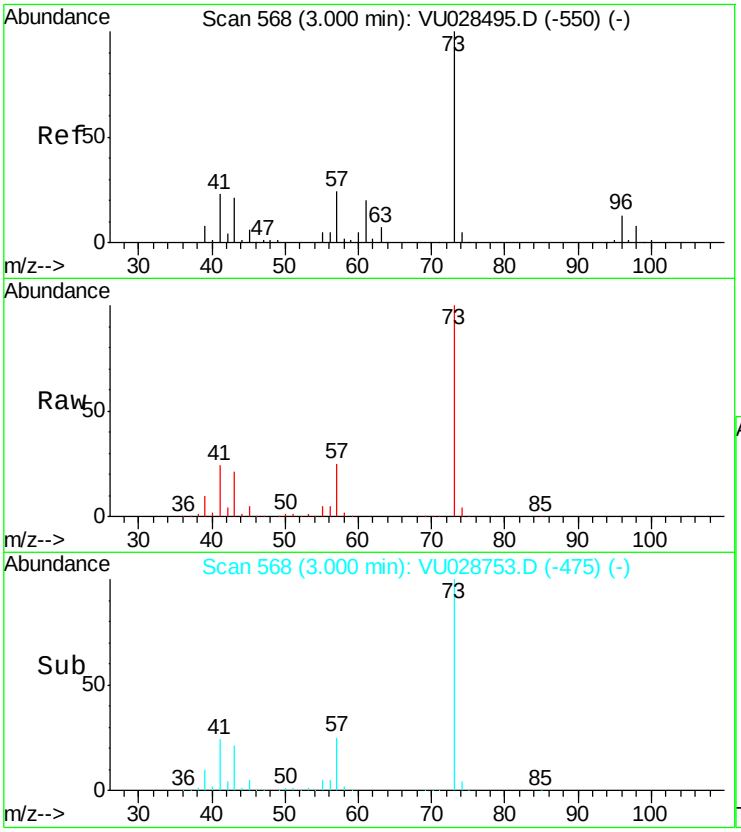


#11
Tert butyl alcohol
Concen: 724.965 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Tgt Ion: 59 Resp: 221527

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0



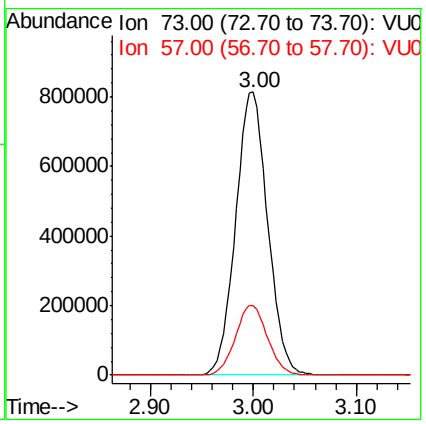


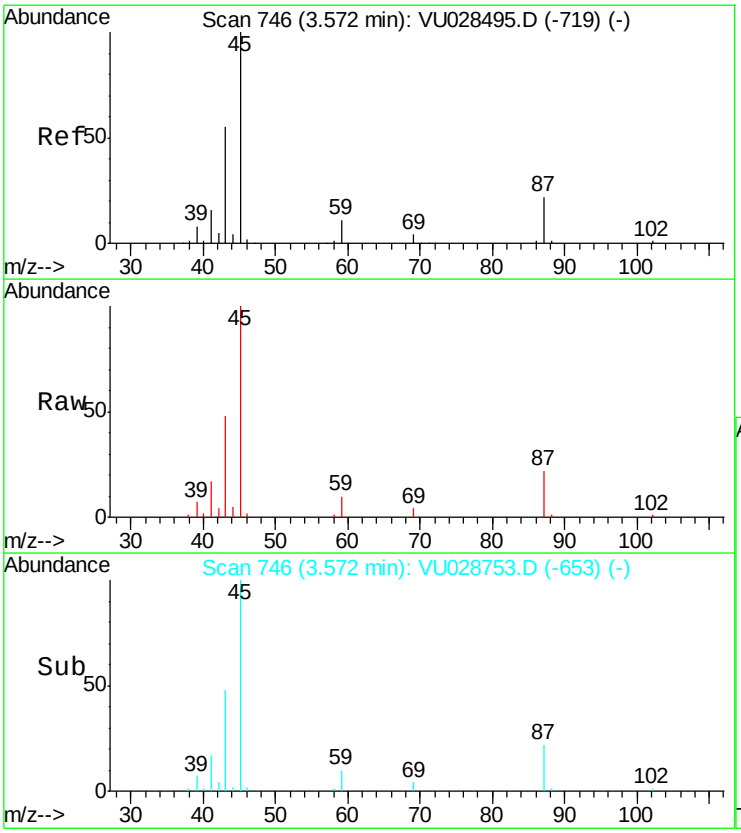
#19
Methyl tert-butyl Ether
Concen: 463.737 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion: 73 Resp: 1759086

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.4	29.2

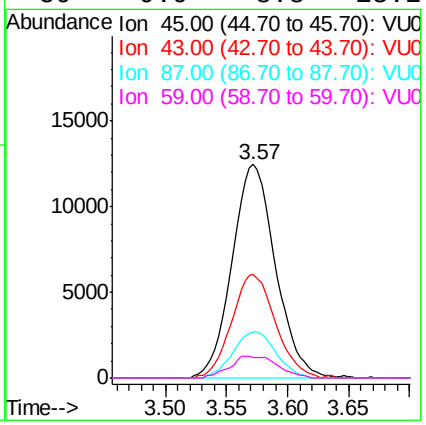


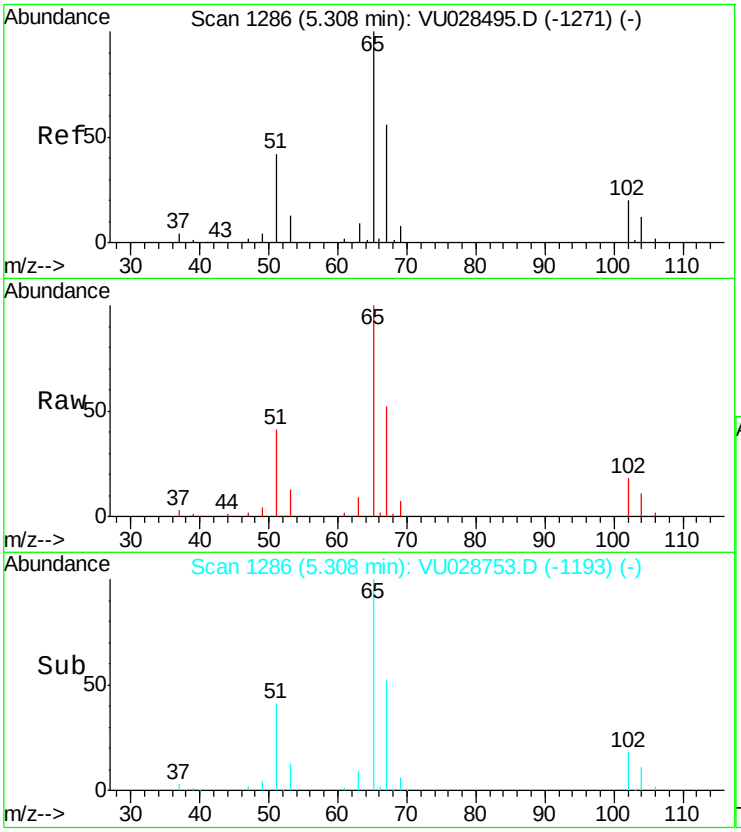


#22
Diisopropyl ether
Concen: 6.681 ug/l
RT: 3.57 min Scan# 746
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Tgt Ion: 45 Resp: 30754

Ion	Ratio	Lower	Upper
45	100		
43	48.3	45.3	67.9
87	21.6	17.6	26.4
59	9.9	8.8	13.2



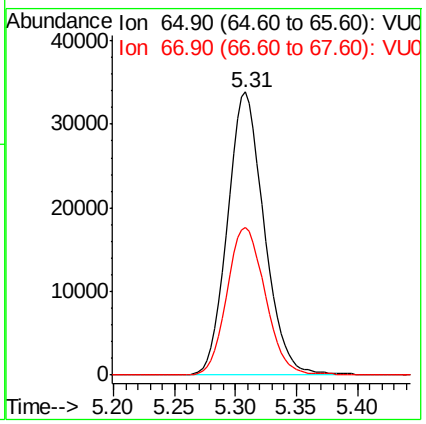


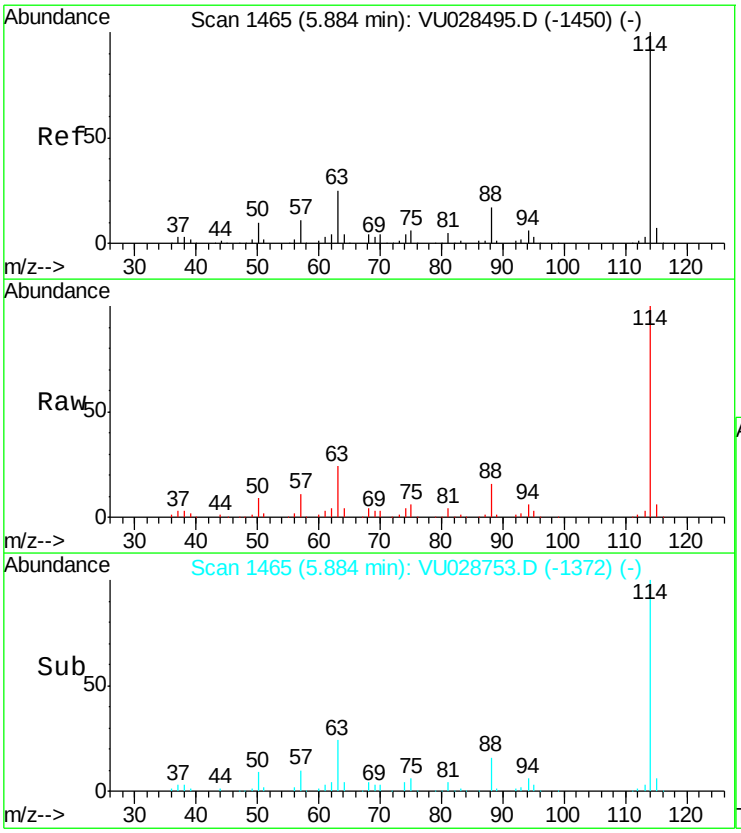
#33
1,2-Dichloroethane-d4
Concen: 51.509 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion: 65 Resp: 70646

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.6

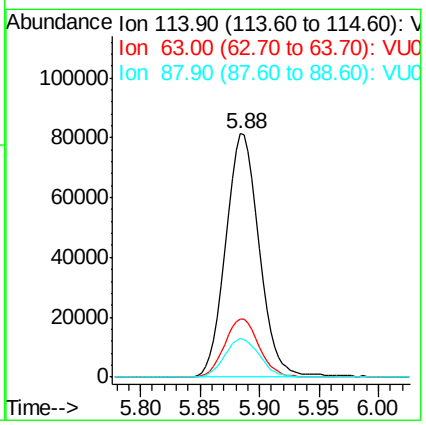


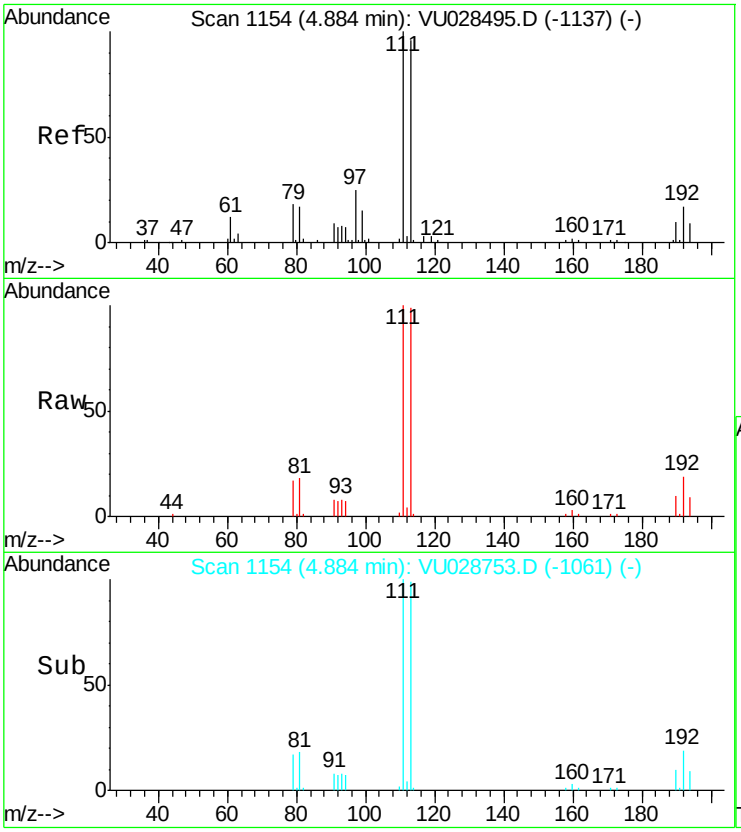


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Tgt Ion:114 Resp: 159027

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	15.8	0.0	33.4



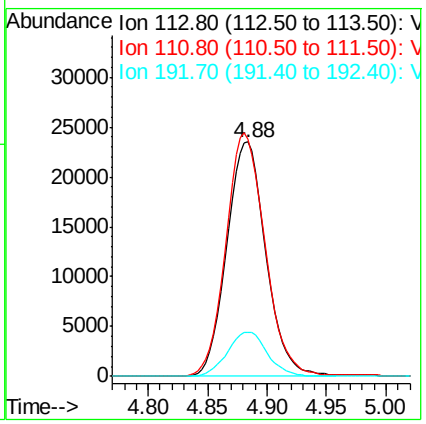


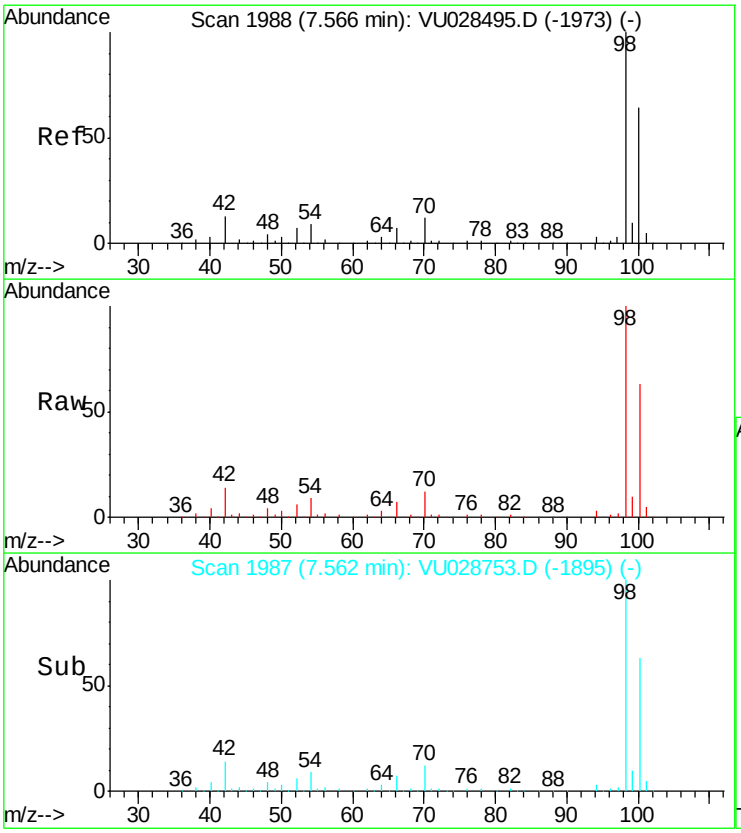
#35
Dibromofluoromethane
Concen: 53.522 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion:113 Resp: 53563

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	19.1	14.8	22.2

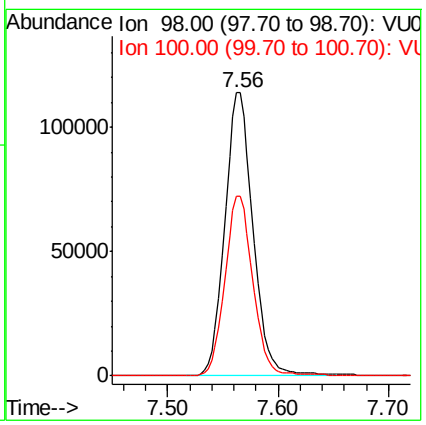


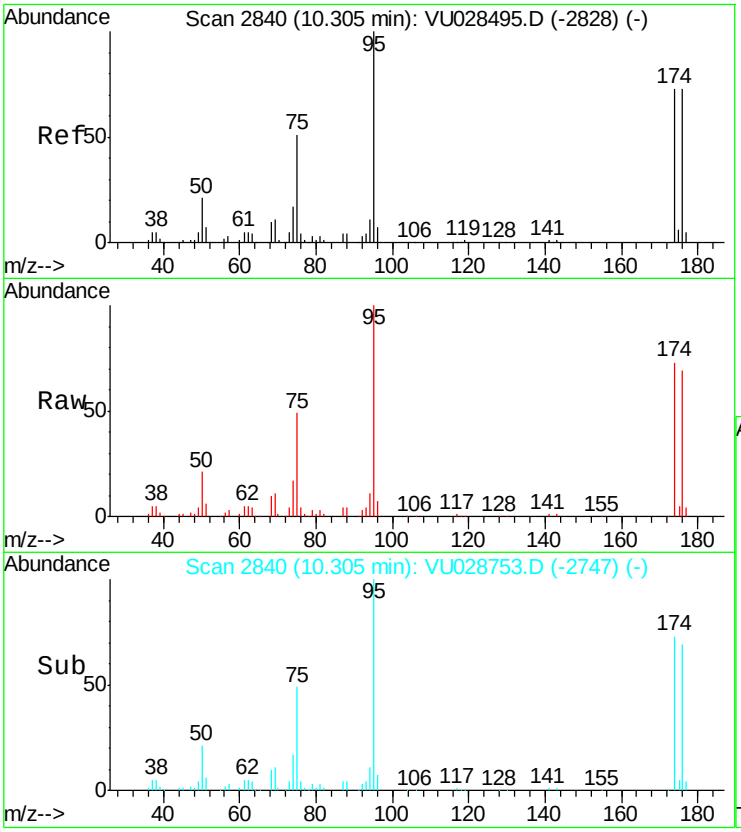


#50
Toluene-d8
Concen: 50.992 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Tgt Ion: 98 Resp: 201869

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.0	76.6



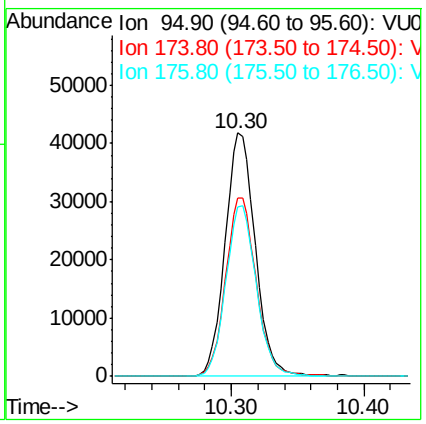


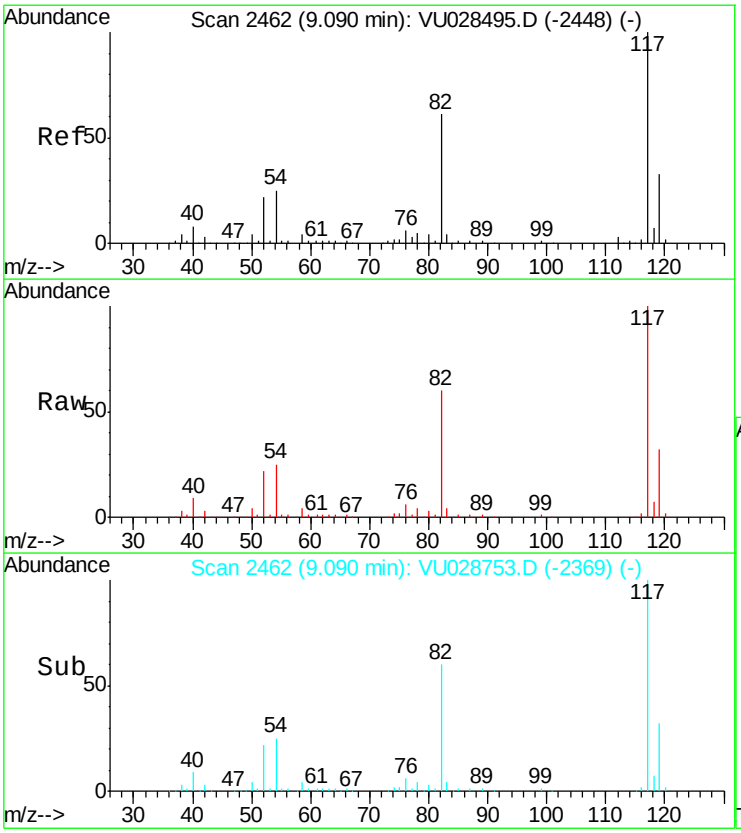
#62
4-Bromofluorobenzene
Concen: 44.728 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument : MSVOA_U
ClientSampleId : MW-7

Tgt Ion: 95 Resp: 66183

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	150.4
176	70.5	0.0	145.2

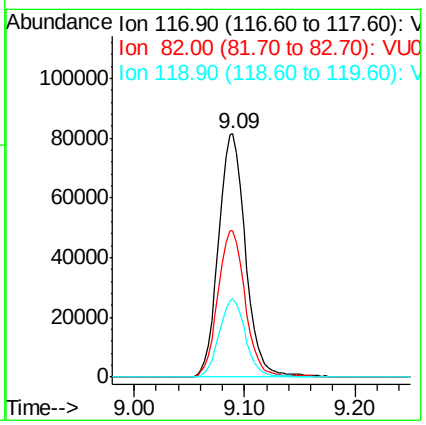


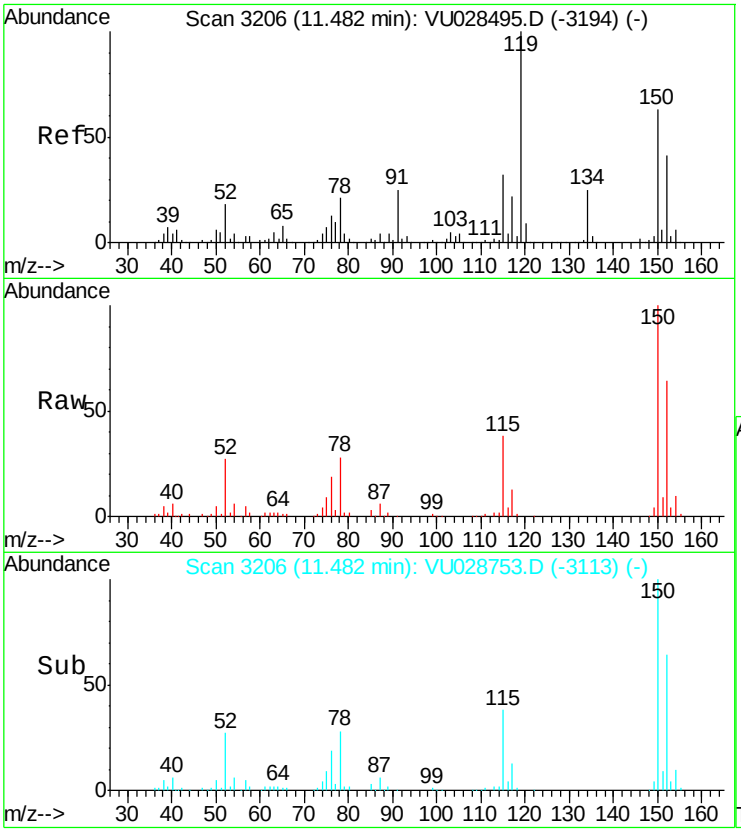


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Tgt Ion:117 Resp: 138344

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.9	73.3
119	32.1	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028753.D
Acq: 18 Dec 2018 05:11

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 52071

Ion	Ratio	Lower	Upper
152	100		
115	59.3	42.7	128.1
150	155.9	0.0	346.0