Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028759.D
Acq On : 18 Dec 2018 07:36
Operator : MD/SY
Sample : J6390-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30099

Quant Time: Dec 18 09:10:58 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	79857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	142173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	52110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65062	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.78%			
35) Dibromofluoromethane	4.88	113	48957	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.44%			
50) Toluene-d8	7.56	98	183875	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.90%			
62) 4-Bromofluorobenzene	10.31	95	62143	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	20427	75.233	ug/l	95
16) Acetone	2.32	43	48914	61.509	ug/l	99
18) Methyl Acetate	2.61	43	87158	42.280	ug/l	97
25) 2-Butanone	4.27	43	20472	18.837	ug/l	96
40) Benzene	5.39	78	80056	17.471	ug/l	99
52) Toluene	7.64	92	35445	13.144	ug/l	99
67) Ethyl Benzene	9.25	91	5404	1.084	ug/l	89
68) m/p-Xylenes	9.37	106	9400	5.182	ug/l	94
69) o-Xylene	9.77	106	4281	2.428	ug/l	97
70) Styrene	9.79	104	2702	0.926	ug/l #	78
78) n-propylbenzene	10.59	91	3536	0.712	ug/l	96
80) 1,3,5-Trimethylbenzene	10.77	105	5394	1.630	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	18148	5.320	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028759.D
Acq On : 18 Dec 2018 07:36
Operator : MD/SY
Sample : J6390-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
30099

Quant Time: Dec 18 09:10:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
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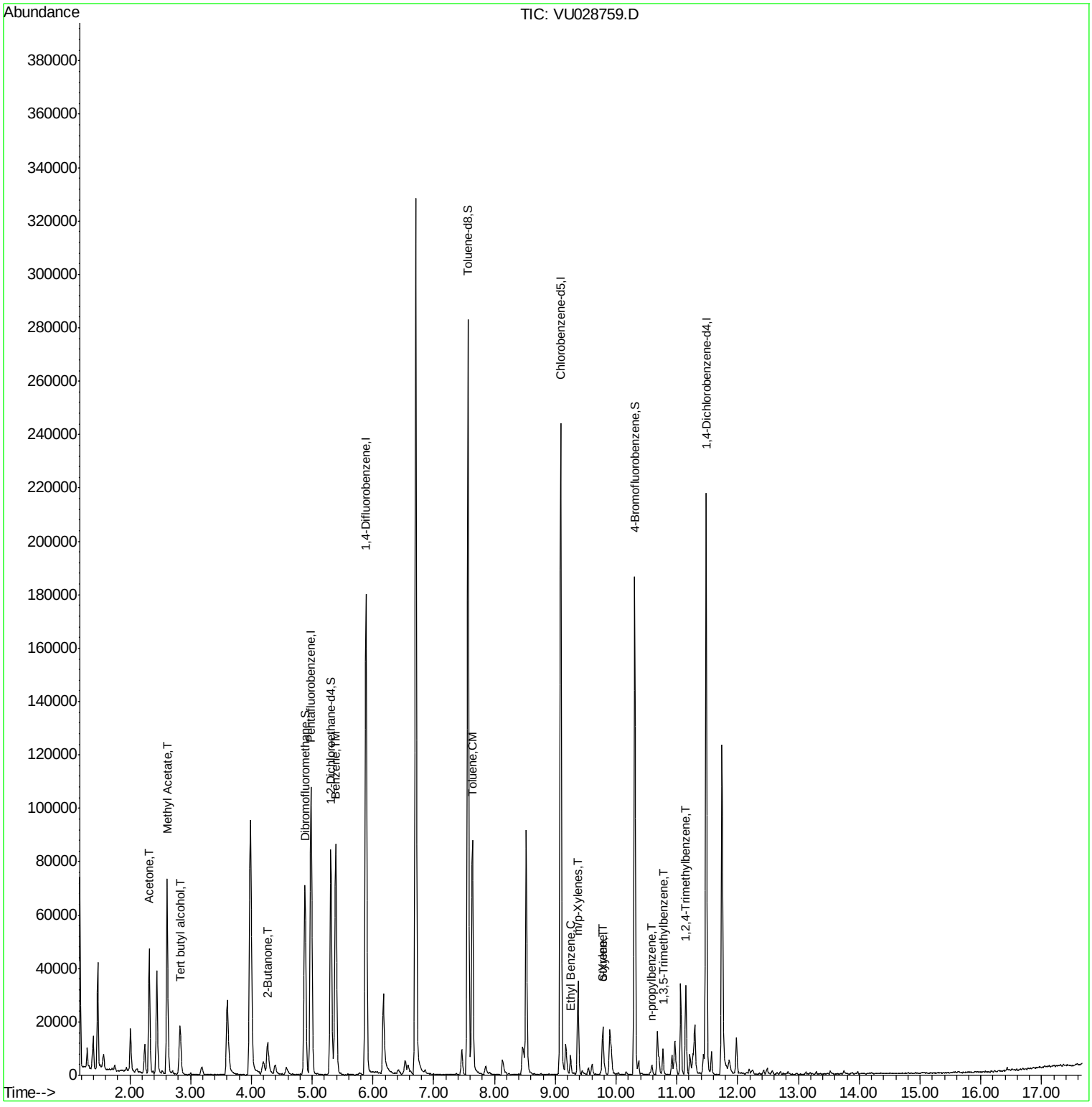
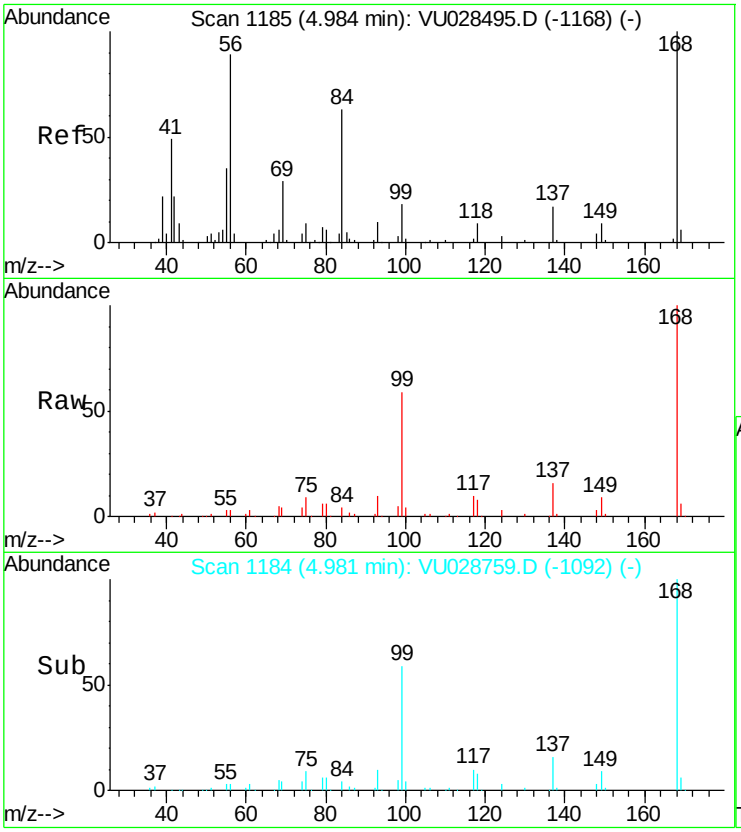
Response via : Initial Calibration



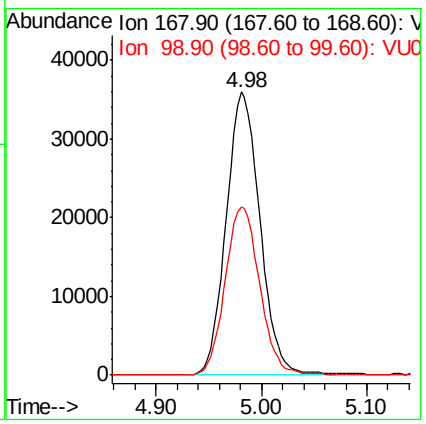


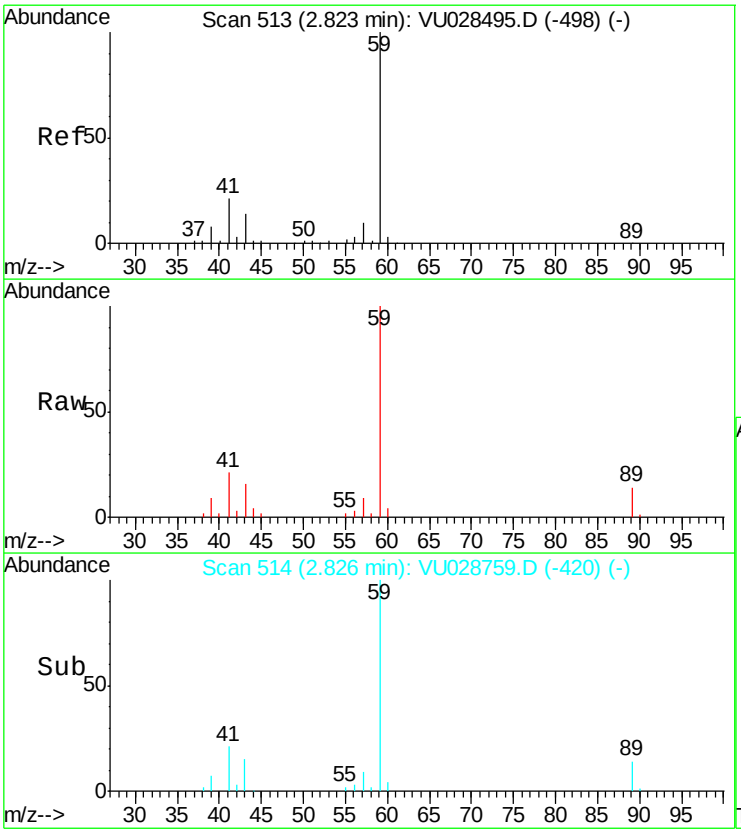
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion:168 Resp: 79857

Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.6	69.8

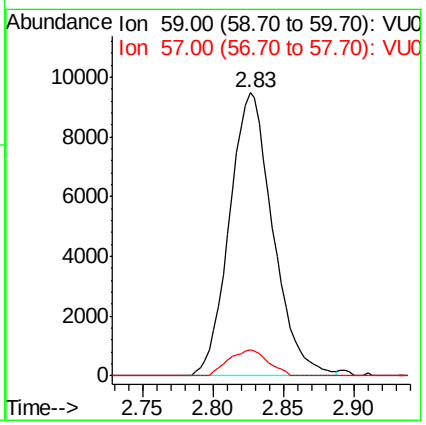


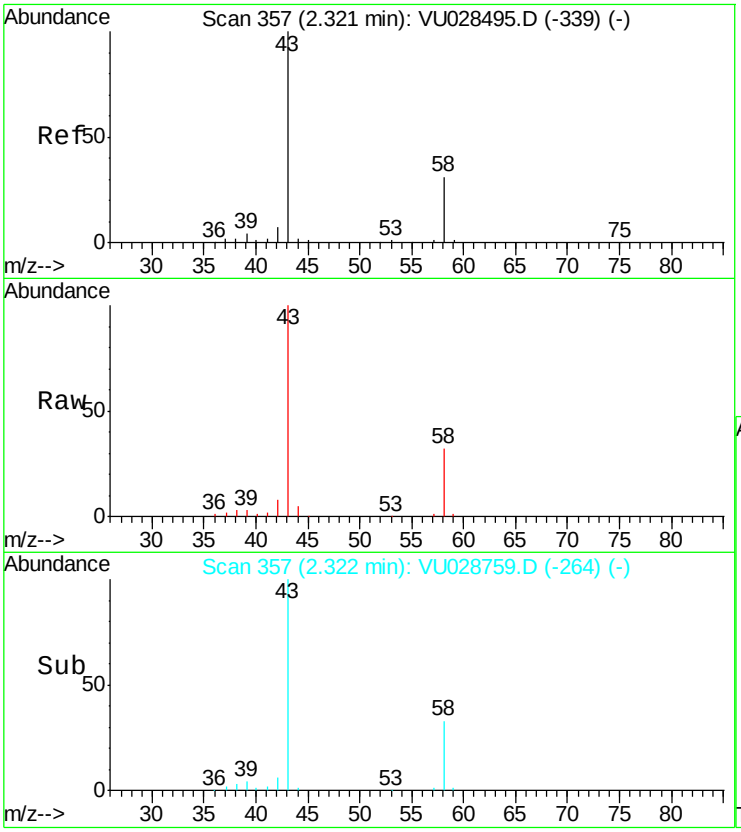


#11
Tert butyl alcohol
Concen: 75.233 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 59 Resp: 20427

Ion	Ratio	Lower	Upper
59	100		
57	8.2	8.0	12.0



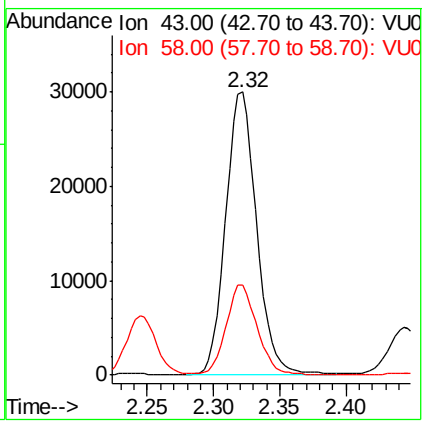


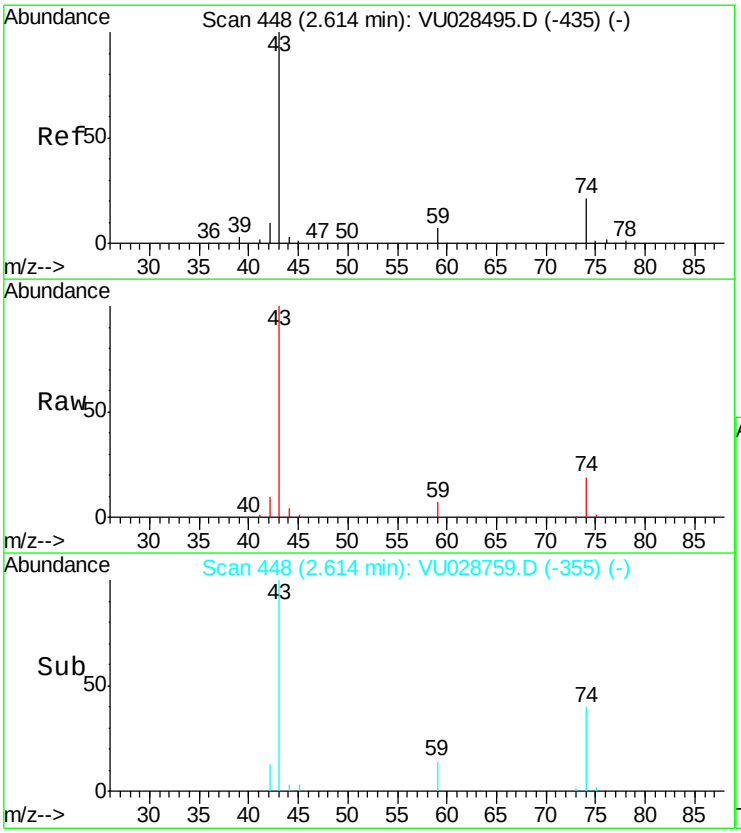
#16
Acetone
Concen: 61.509 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion: 43 Resp: 48914

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	37.0

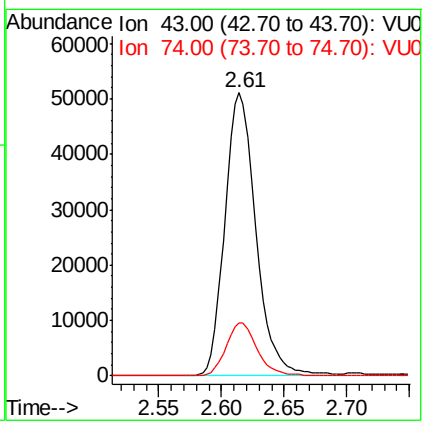


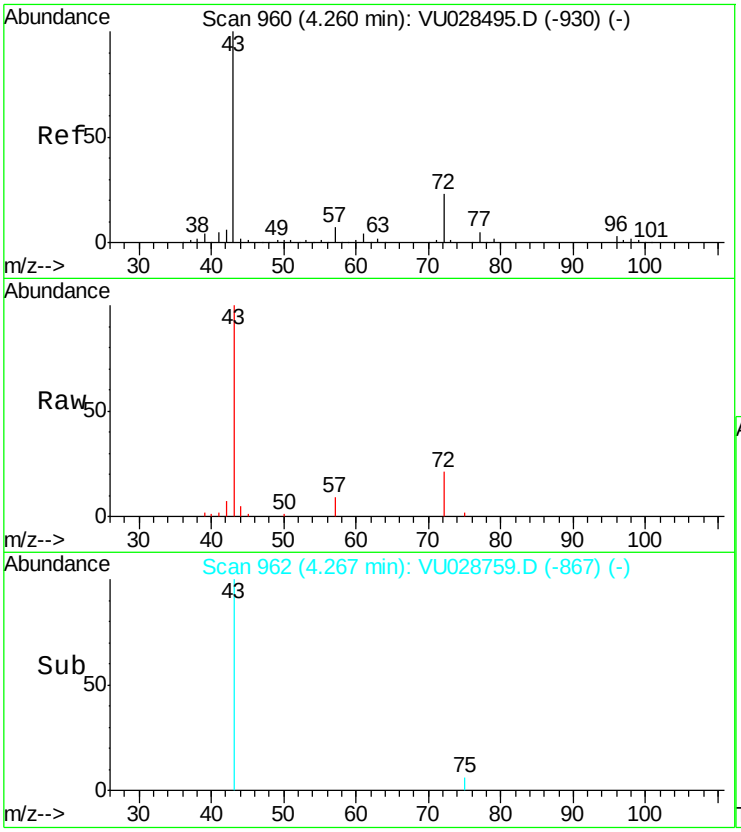


#18
Methyl Acetate
Concen: 42.280 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 43 Resp: 87158

Ion	Ratio	Lower	Upper
43	100		
74	19.0	16.4	24.6



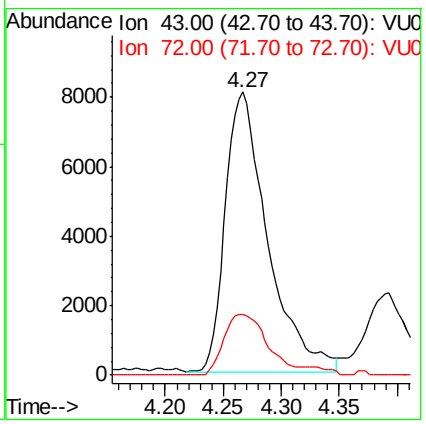


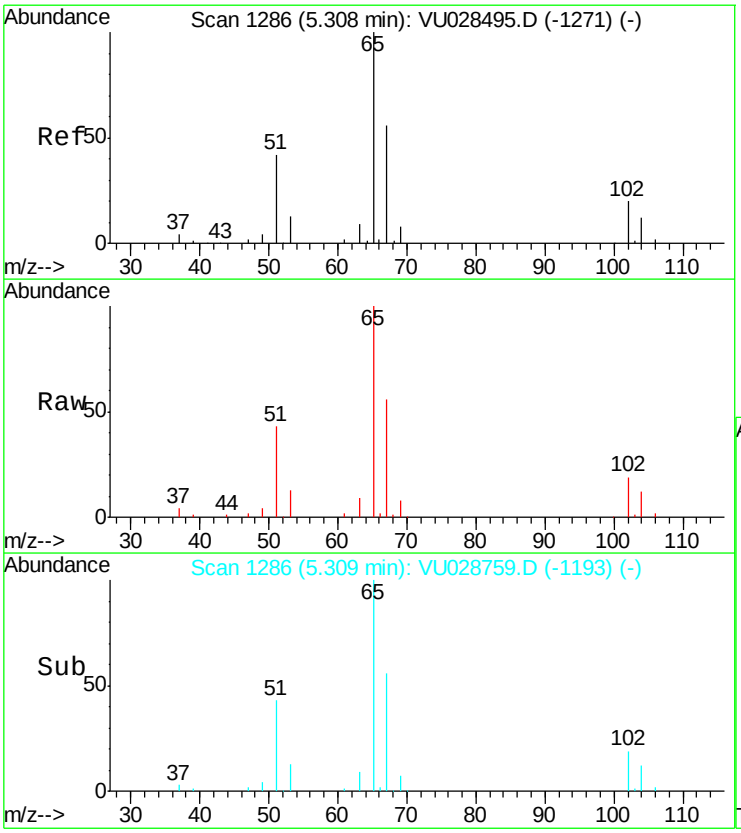
#25
2-Butanone
Concen: 18.837 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion: 43 Resp: 20472

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.6	28.0

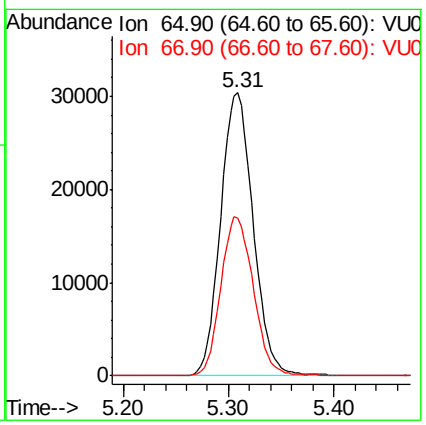


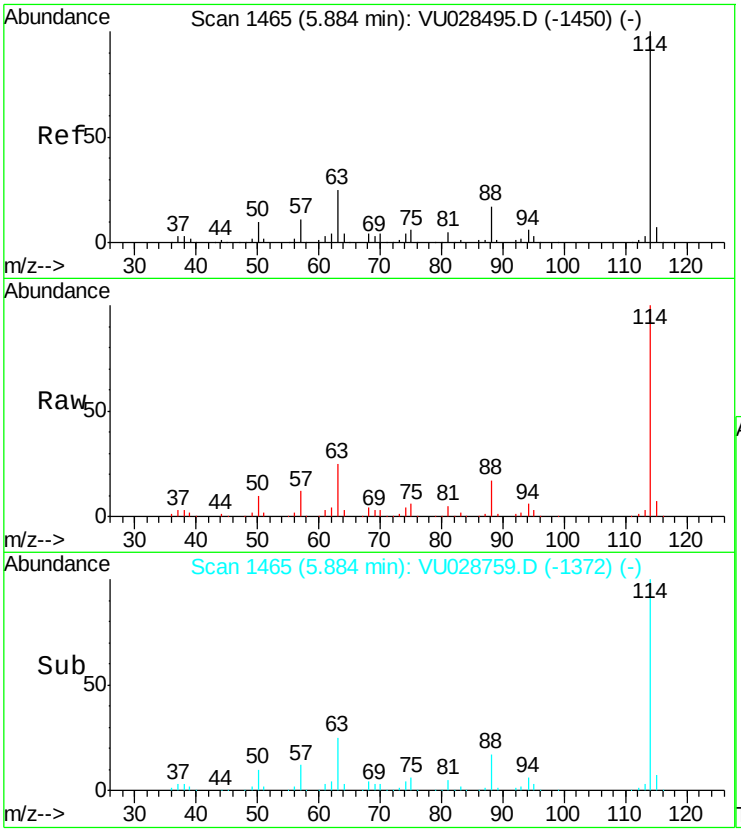


#33
1,2-Dichloroethane-d4
Concen: 53.388 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 65 Resp: 65062

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.6



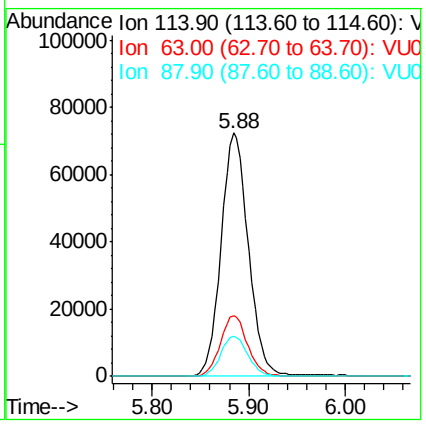


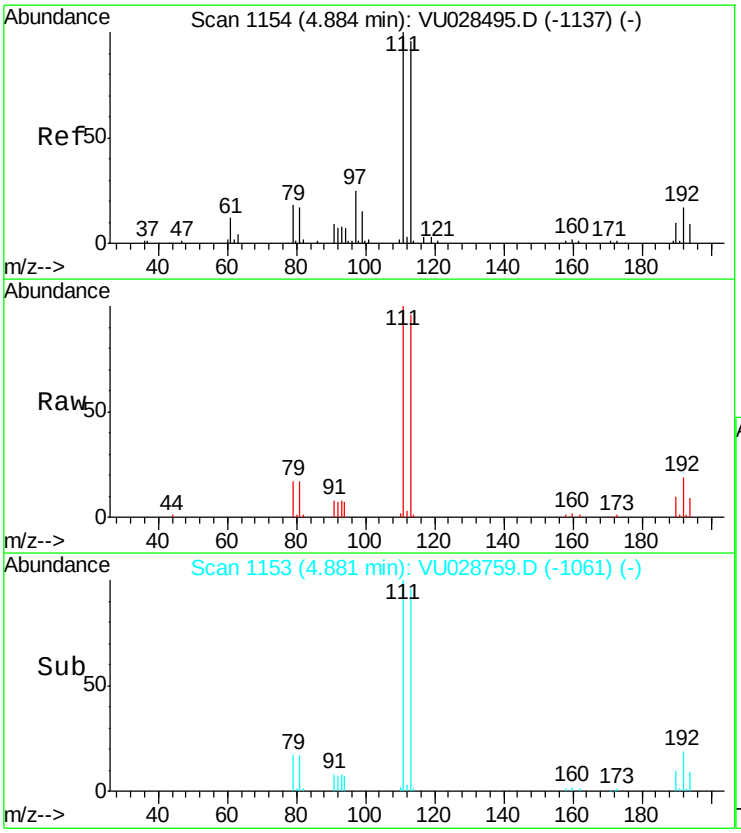
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument : MSVOA_U
ClientSampleId : 30099

Tgt Ion:114 Resp: 142173

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.2
88	16.5	0.0	33.4

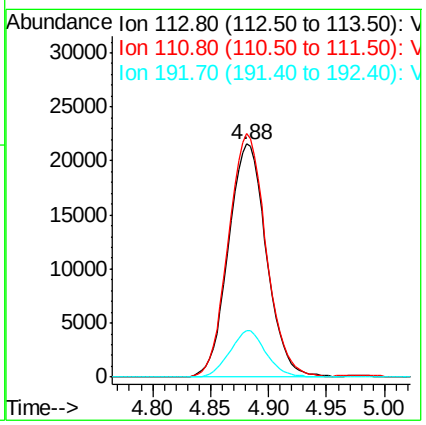


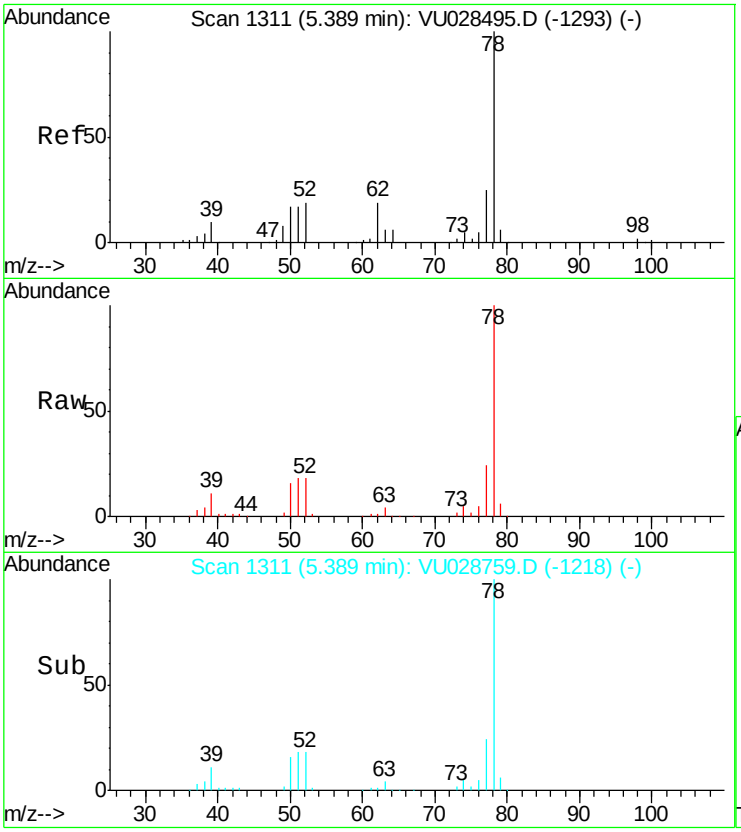


#35
Dibromofluoromethane
Concen: 54.719 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion:113 Resp: 48957

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	18.9	14.8	22.2



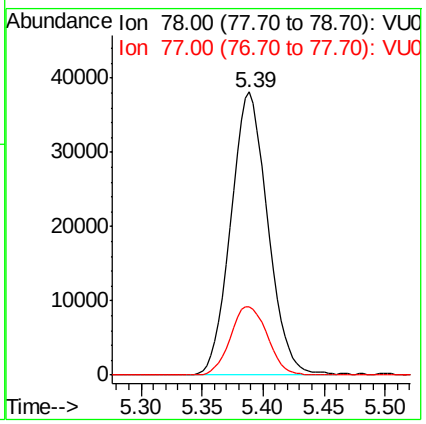


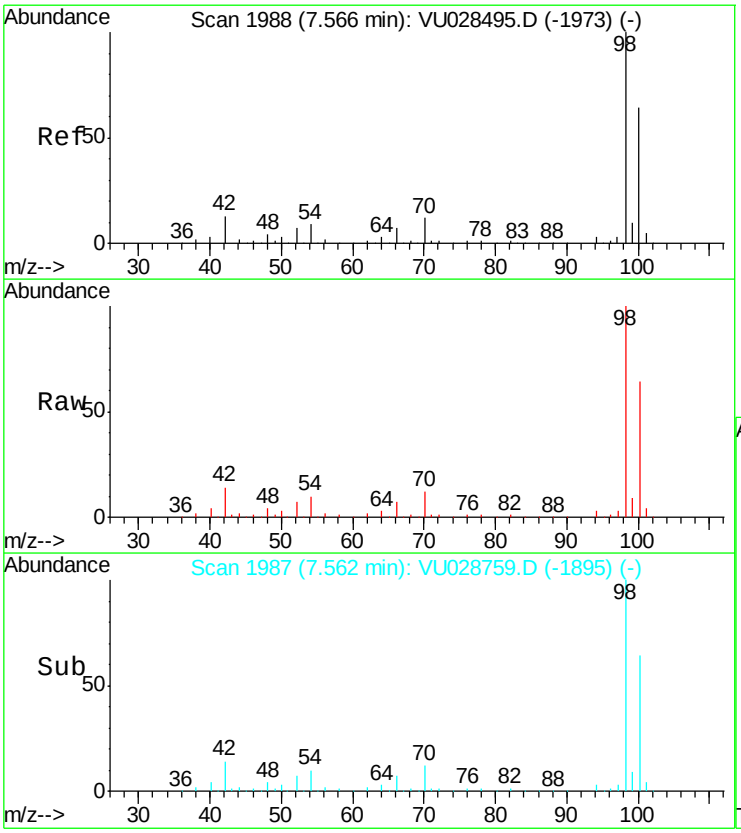
#40
Benzene
Concen: 17.471 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion: 78 Resp: 80056

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.9	29.9

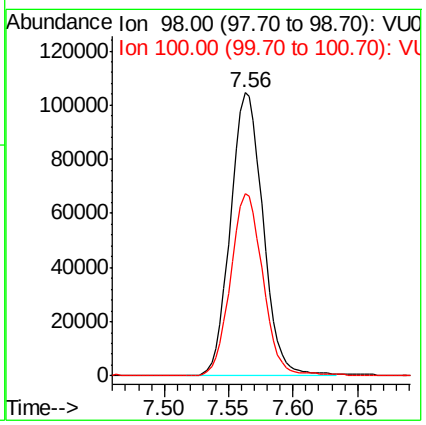


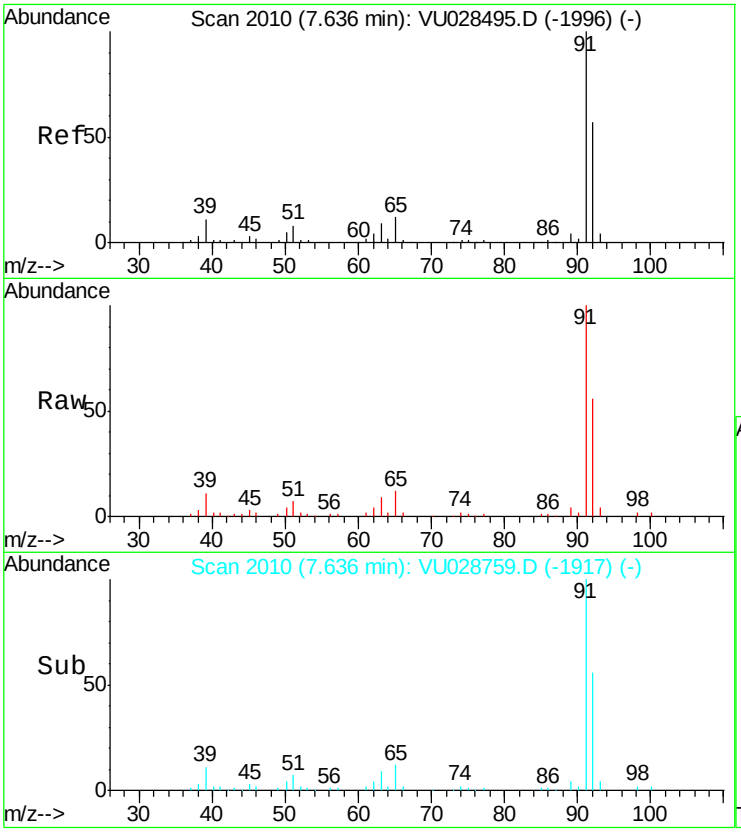


#50
Toluene-d8
Concen: 51.952 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 98 Resp: 183875

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6



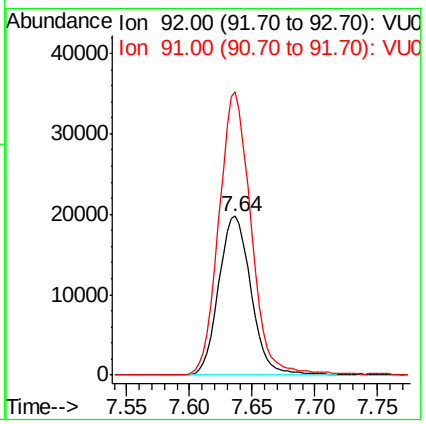


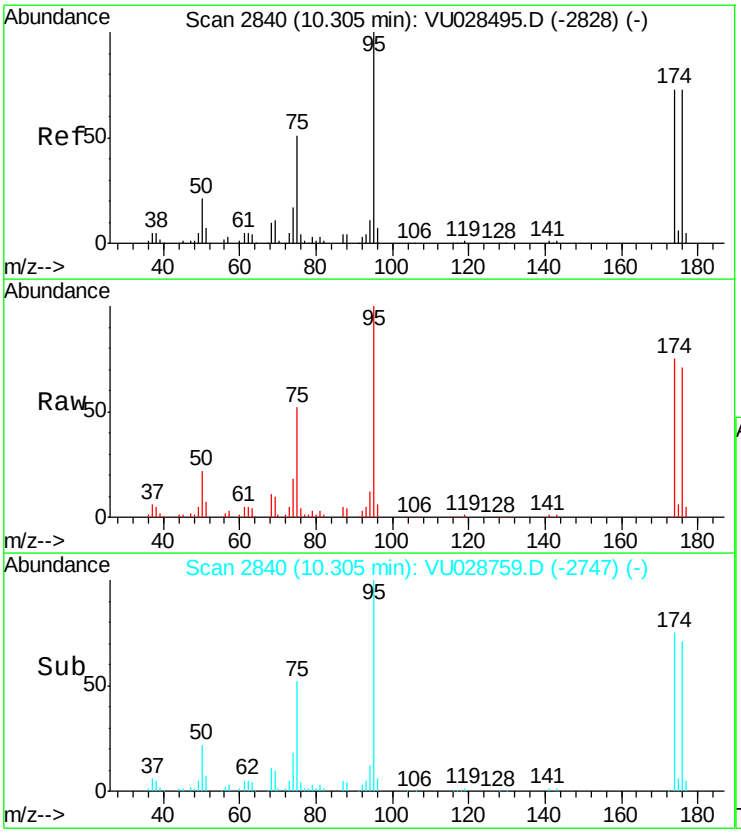
#52
Toluene
Concen: 13.144 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion: 92 Resp: 35445

Ion	Ratio	Lower	Upper
92	100		
91	177.1	140.2	210.4

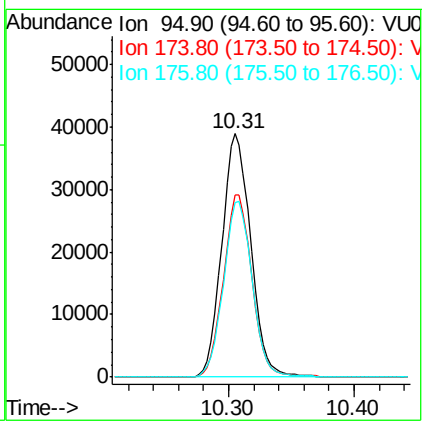


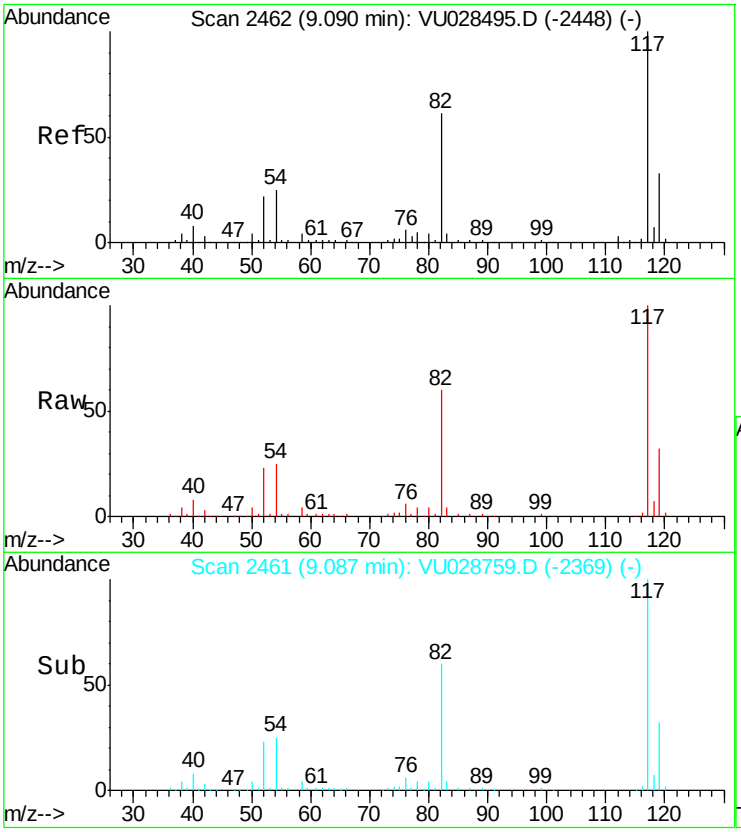


#62
4-Bromofluorobenzene
Concen: 46.976 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 95 Resp: 62143

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.4
176	72.0	0.0	145.2



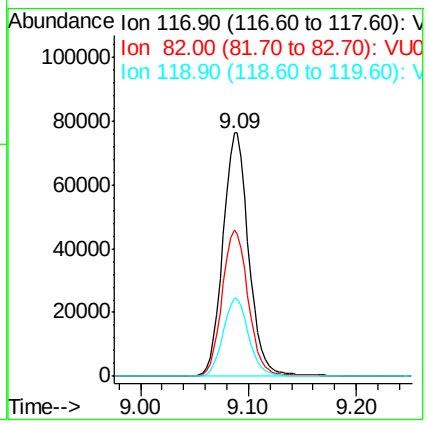


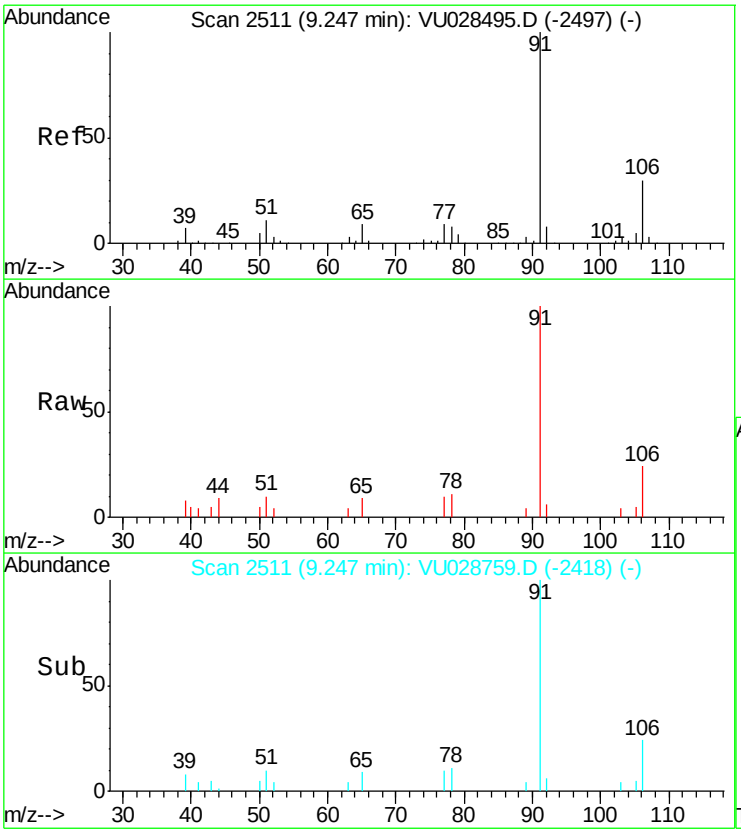
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument : MSVOA_U
ClientSampleId : 30099

Tgt Ion:117 Resp: 127266

Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.9	73.3
119	32.2	26.2	39.4

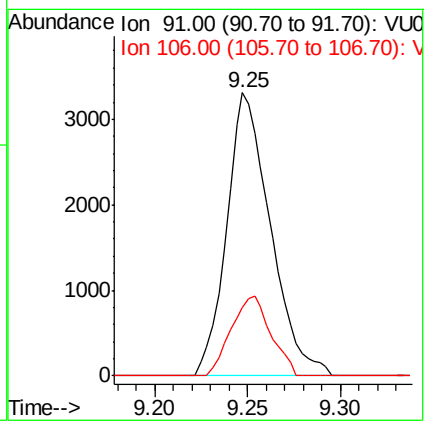


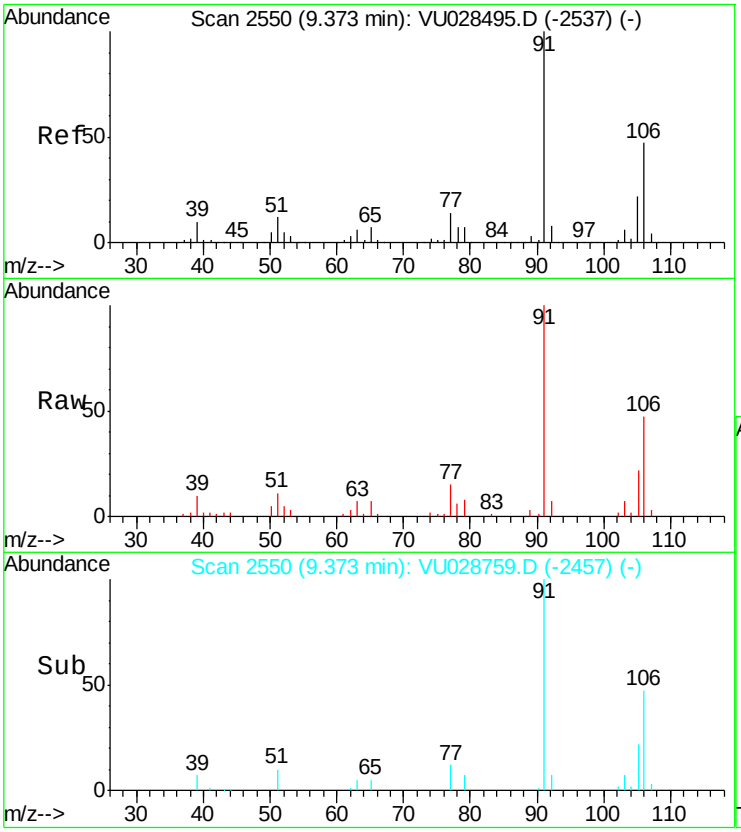


#67
Ethyl Benzene
Concen: 1.084 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 91 Resp: 5404

Ion	Ratio	Lower	Upper
91	100		
106	24.3	24.1	36.1



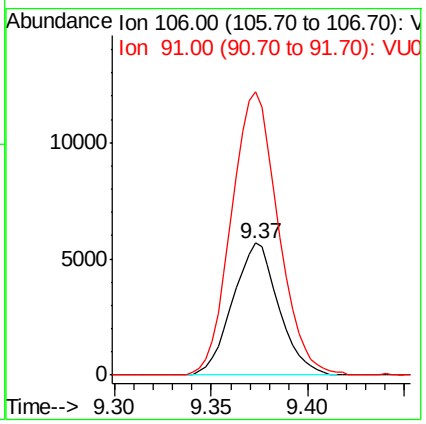


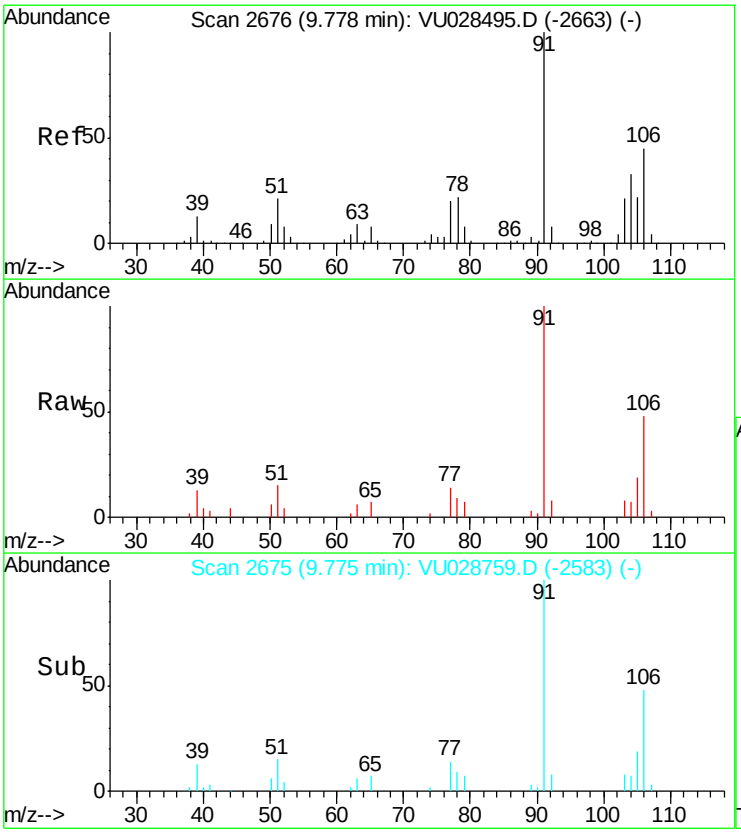
#68
m/p-Xylenes
Concen: 5.182 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion:106 Resp: 9400

Ion	Ratio	Lower	Upper
106	100		
91	218.4	167.4	251.0

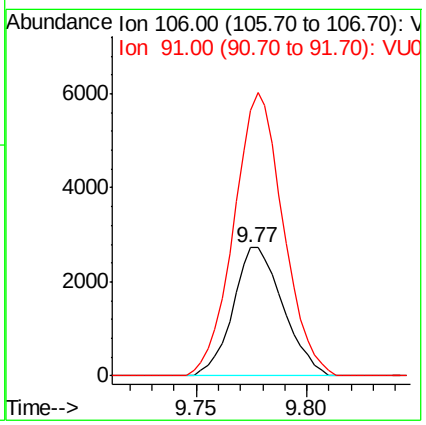


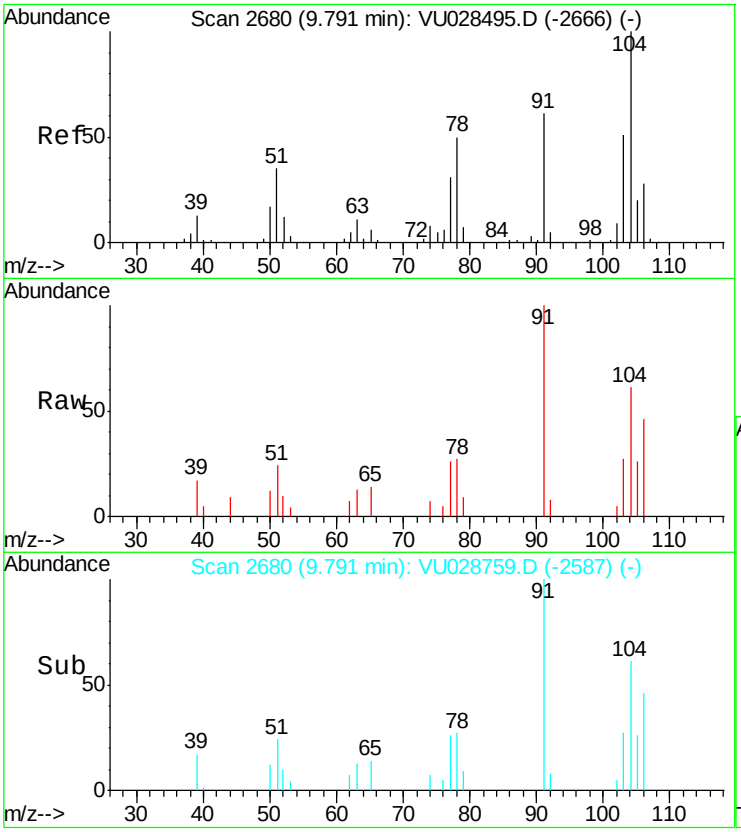


#69
o-Xylene
Concen: 2.428 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion:106 Resp: 4281

Ion	Ratio	Lower	Upper
106	100		
91	217.9	111.3	334.0



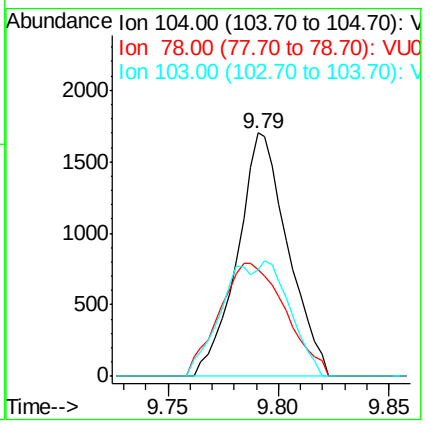


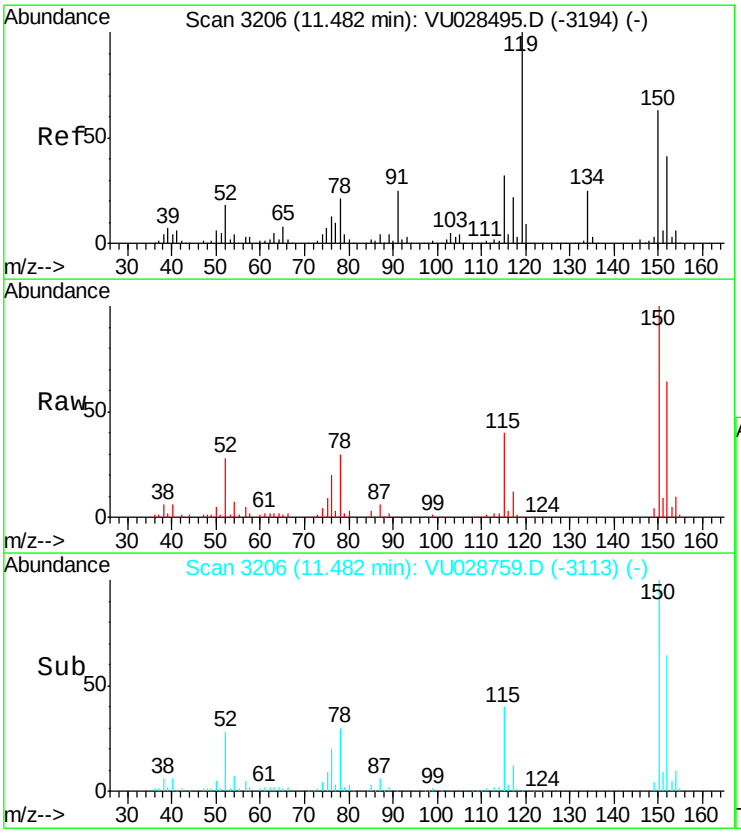
#70
Styrene
Concen: 0.926 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument : MSVOA_U
ClientSampleId : 30099

Tgt Ion:104 Resp: 2702

Ion	Ratio	Lower	Upper
104	100		
78	60.8	43.0	64.6
103	30.4	44.2	66.4#

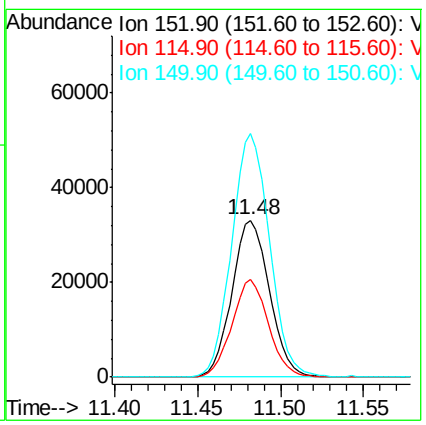


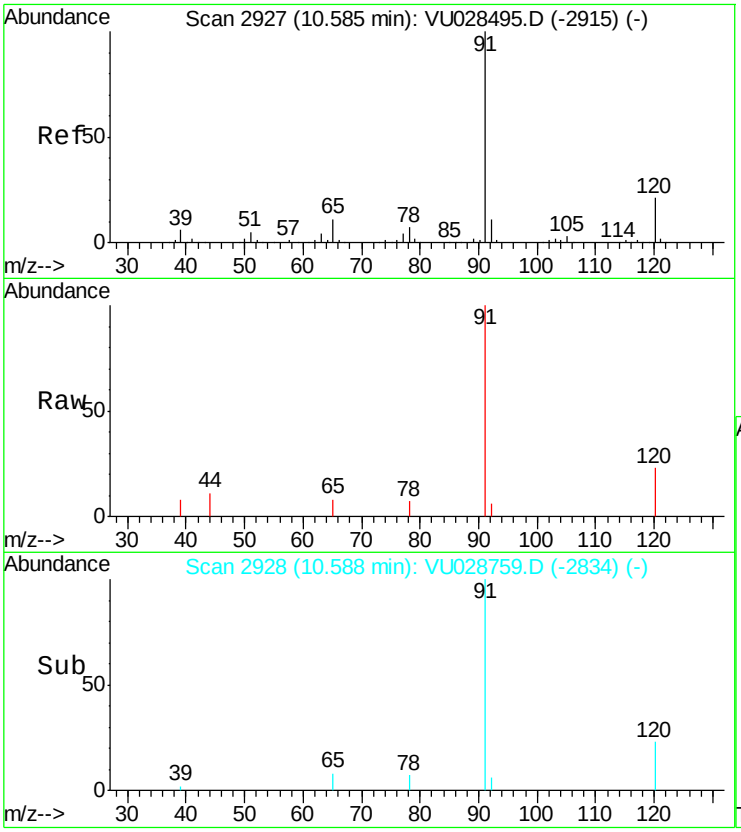


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion:152 Resp: 52110

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.7	128.1
150	156.9	0.0	346.0



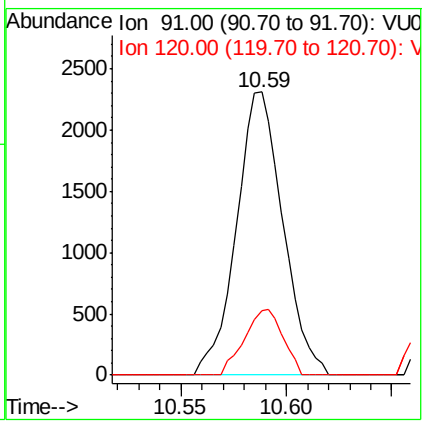


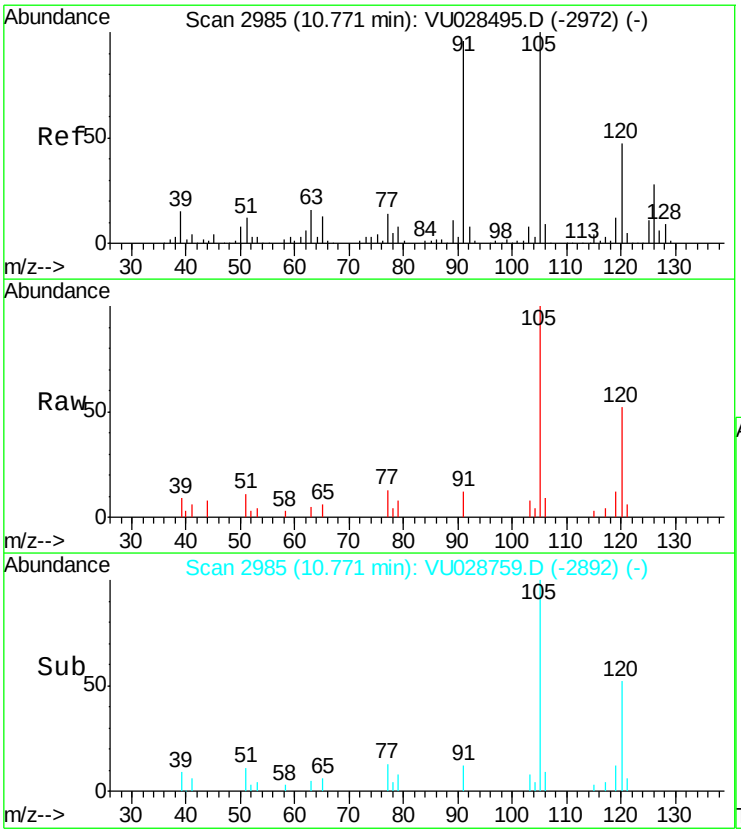
#78
n-propylbenzene
Concen: 0.712 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument : MSVOA_U
ClientSampleId : 30099

Tgt Ion: 91 Resp: 3536

Ion	Ratio	Lower	Upper
91	100		
120	19.4	10.6	31.8

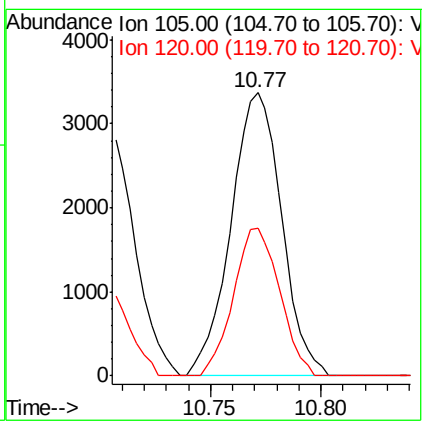


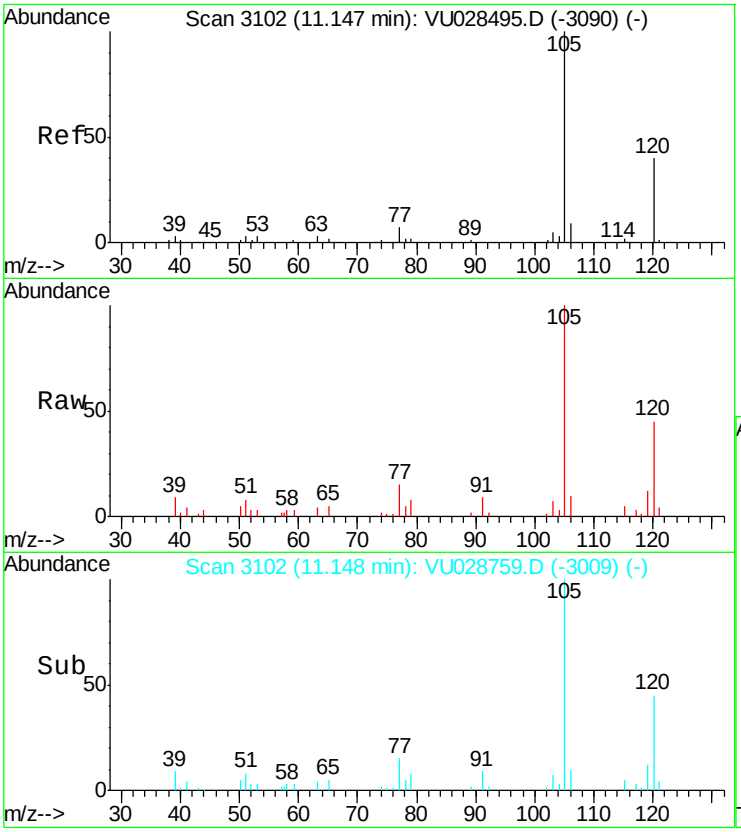


#80
1,3,5-Trimethylbenzene
Concen: 1.630 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion:105 Resp: 5394

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 5.320 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :
30099

Tgt Ion:105 Resp: 18148

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.8	65.4