Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028760.D
Acq On : 18 Dec 2018 08:00
Operator : MD/SY
Sample : J6390-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30080

Quant Time: Dec 18 09:13:49 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	83878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	149443	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	61088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	68185	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.54%			
35) Dibromofluoromethane	4.88	113	50333	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.04%			
50) Toluene-d8	7.57	98	193698	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.14%			
62) 4-Bromofluorobenzene	10.30	95	68795	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	32021	112.281	ug/l	98
16) Acetone	2.32	43	509763	610.290	ug/l	98
18) Methyl Acetate	2.61	43	97068	44.830	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	1922	0.543	ug/l	95
20) Methylene Chloride	2.70	84	4779	3.881	ug/l	91
37) Ethyl Acetate	4.39	43	16008	7.572	ug/l	99
40) Benzene	5.39	78	24164	5.017	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	37744	17.897	ug/l	100
52) Toluene	7.64	92	158212	55.815	ug/l	100
67) Ethyl Benzene	9.25	91	107048	20.015	ug/l	99
68) m/p-Xylenes	9.37	106	65552	33.684	ug/l	100
69) o-Xylene	9.78	106	30458	16.105	ug/l	95
73) Isopropylbenzene	10.17	105	1048	0.224	ug/l	89
78) n-propylbenzene	10.59	91	2387	0.410	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	2441	0.629	ug/l	97
84) 1,2,4-Trimethylbenzene	11.14	105	16535	4.135	ug/l	75

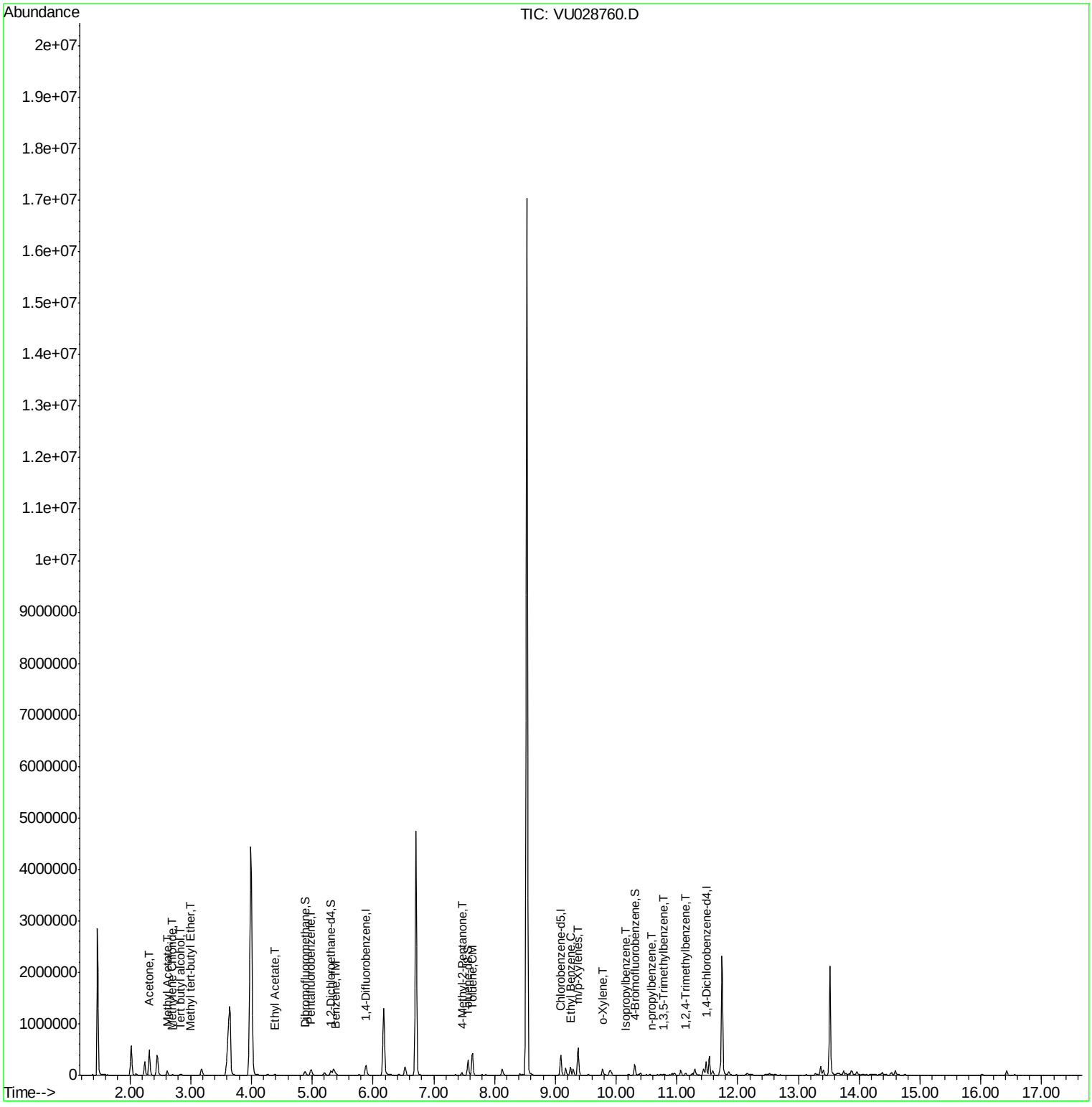
(#) = qualifier out of range (m) = manual integration (+) = signals summed

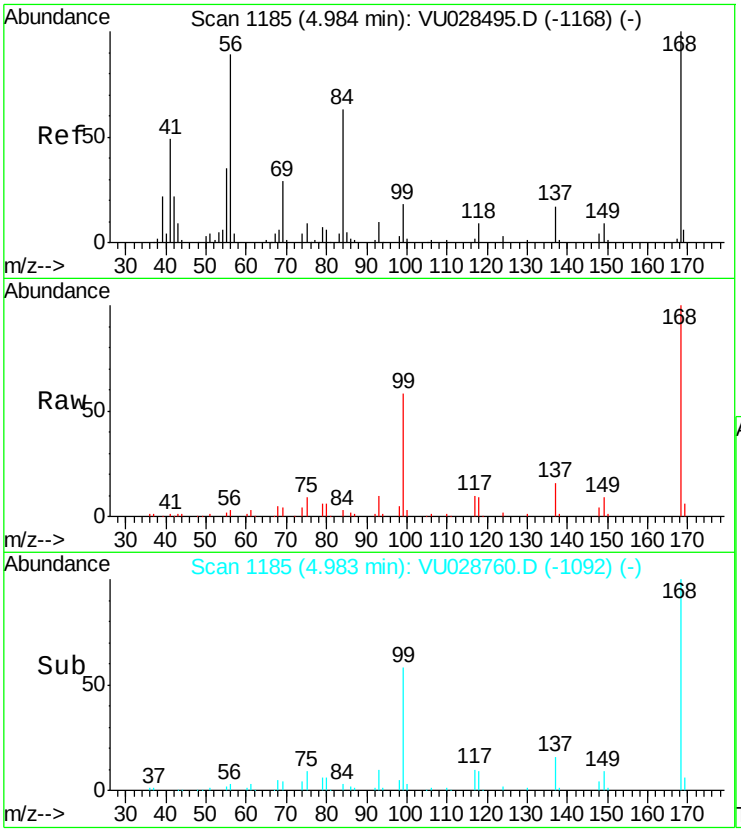
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028760.D
Acq On : 18 Dec 2018 08:00
Operator : MD/SY
Sample : J6390-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
30080

Quant Time: Dec 18 09:13:49 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



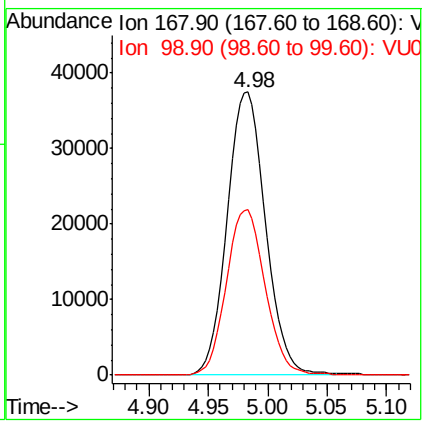


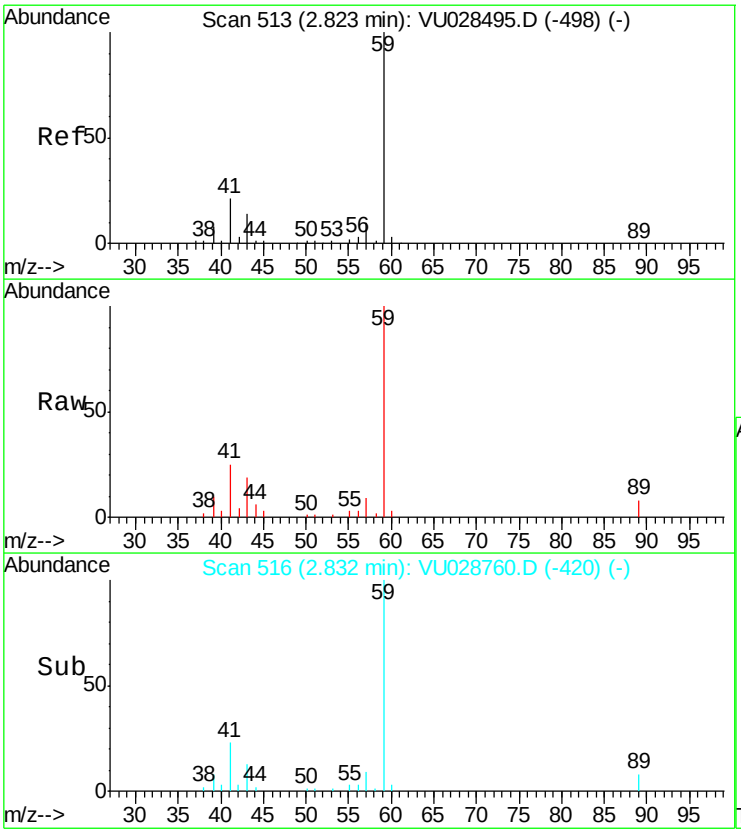
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument : MSVOA_U
ClientSampleId : 30080

Tgt Ion:168 Resp: 83878

Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.6	69.8

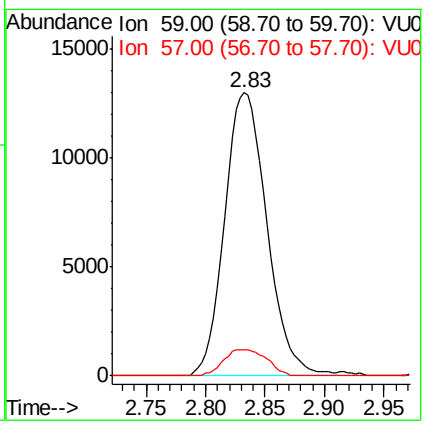


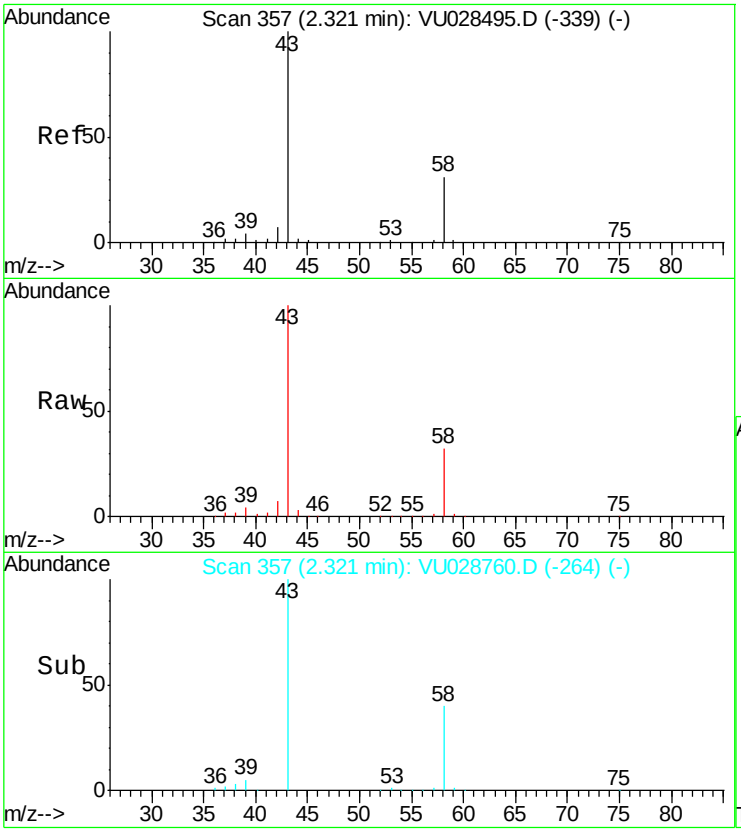


#11
Tert butyl alcohol
Concen: 112.281 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 59 Resp: 32021

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.0	12.0



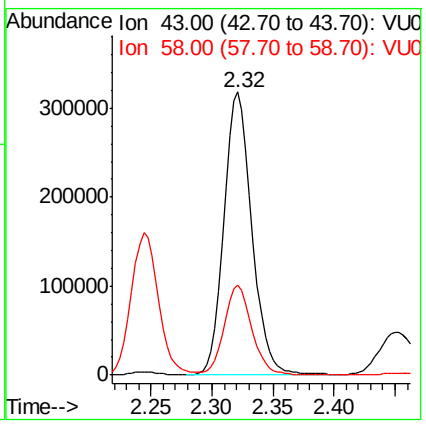


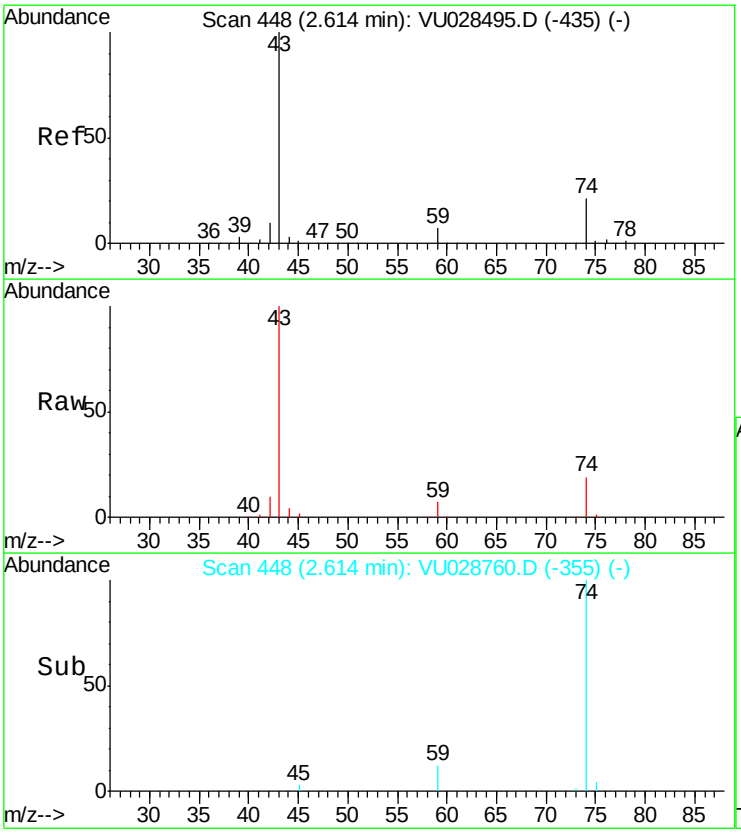
#16
Acetone
Concen: 610.290 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 43 Resp: 509763

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.6	37.0

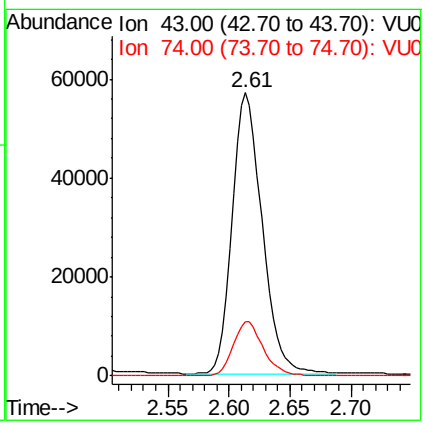


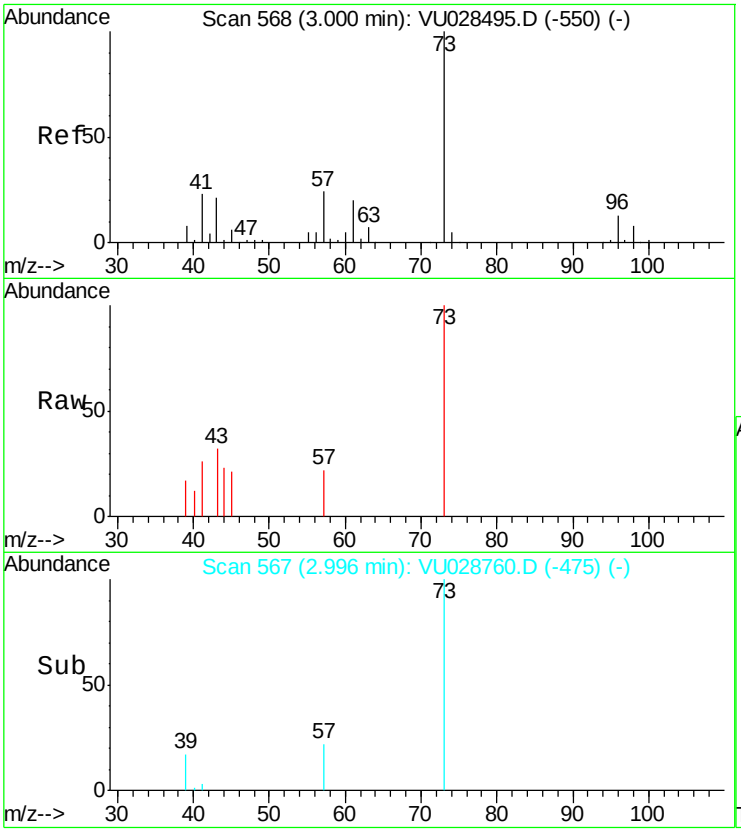


#18
Methyl Acetate
Concen: 44.830 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 43 Resp: 97068

Ion	Ratio	Lower	Upper
43	100		
74	19.3	16.4	24.6



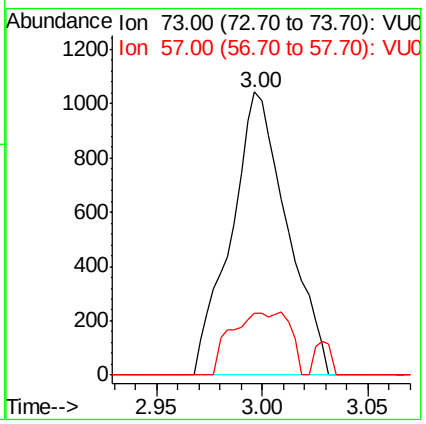


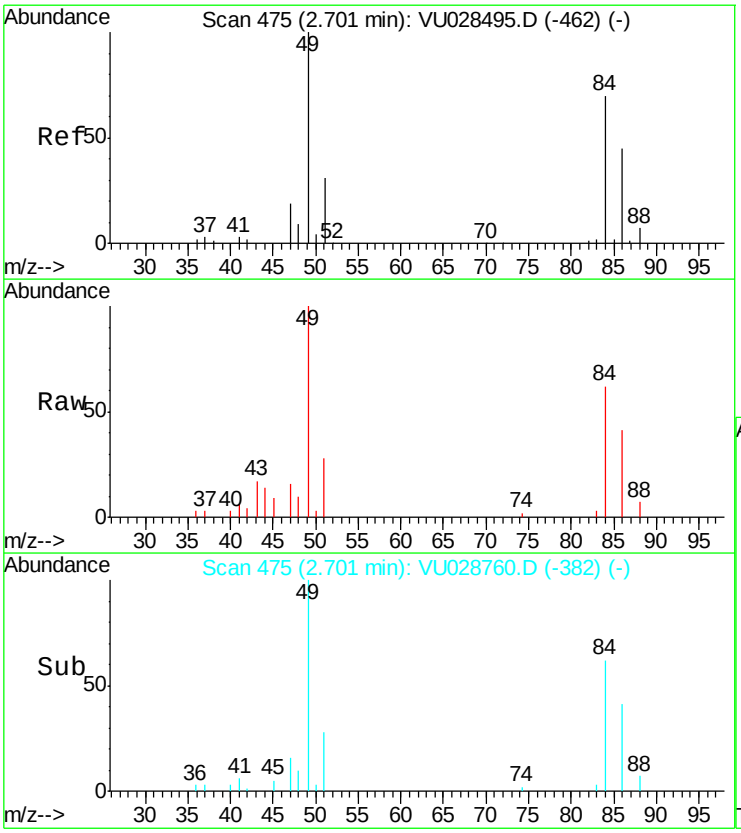
#19
Methyl tert-butyl Ether
Concen: 0.543 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument : MSVOA_U
ClientSampleId : 30080

Tgt Ion: 73 Resp: 1922

Ion	Ratio	Lower	Upper
73	100		
57	21.8	19.4	29.2

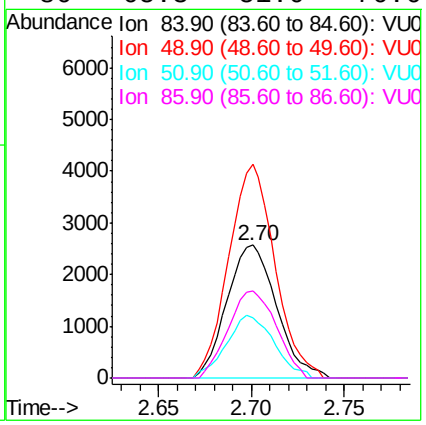


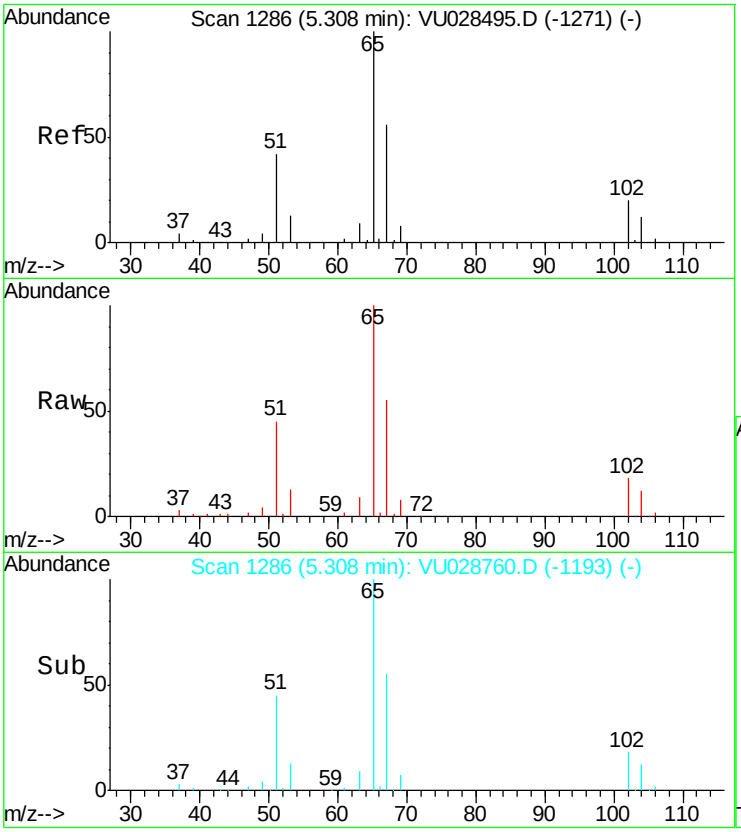


#20
Methylene Chloride
Concen: 3.881 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 84 Resp: 4779

Ion	Ratio	Lower	Upper
84	100		
49	160.8	114.0	171.0
51	45.5	35.1	52.7
86	65.3	51.0	76.6



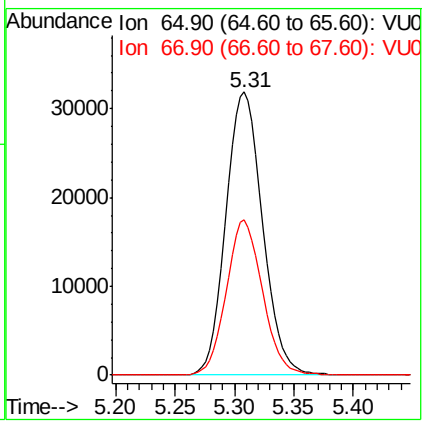


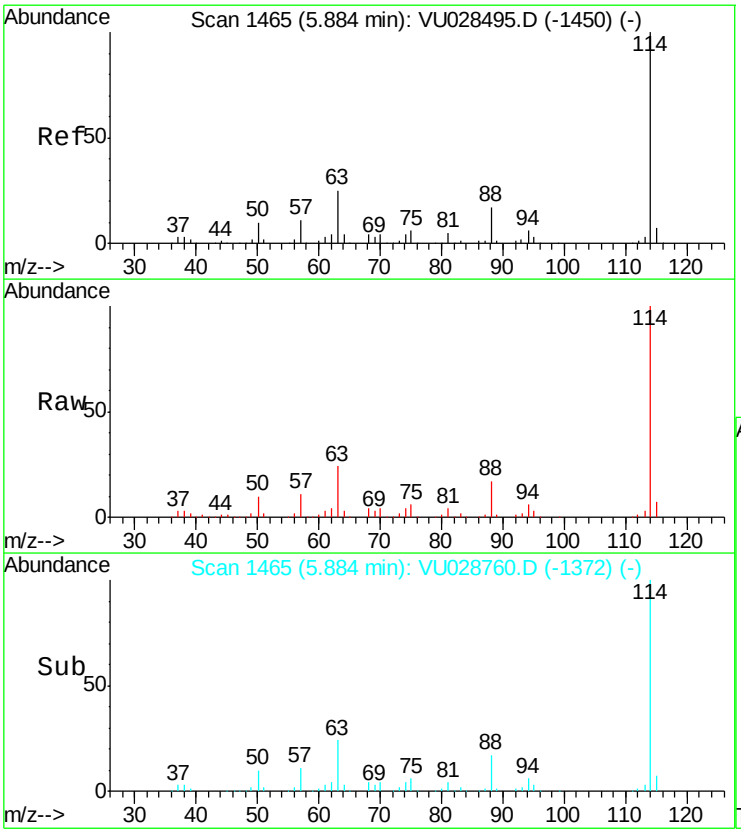
#33
1,2-Dichloroethane-d4
Concen: 53.268 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 65 Resp: 68185

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.6

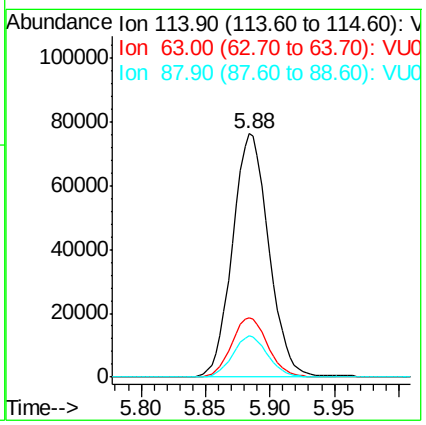


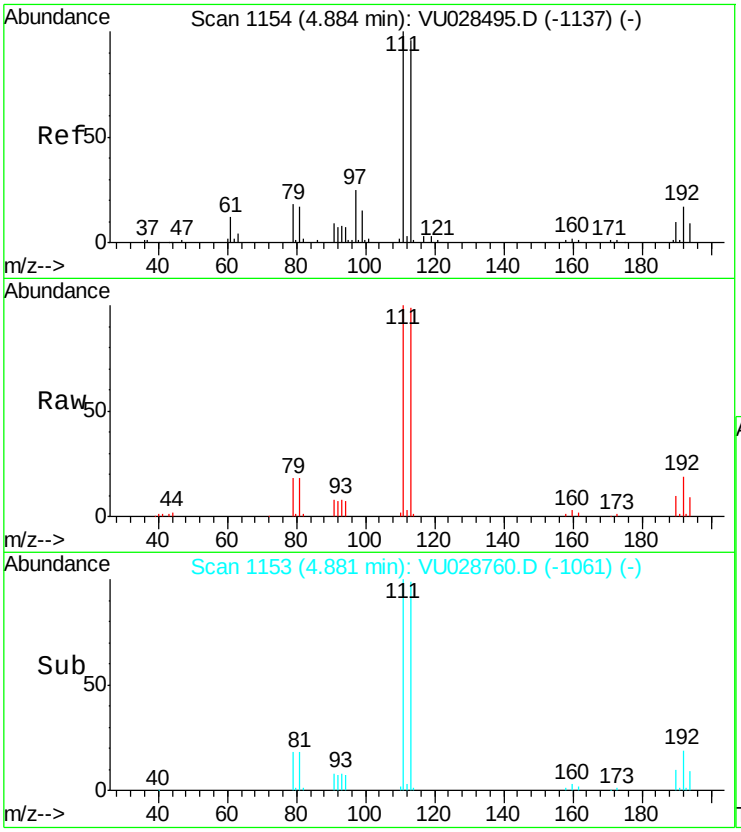


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion:114 Resp: 149443

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.9	0.0	33.4



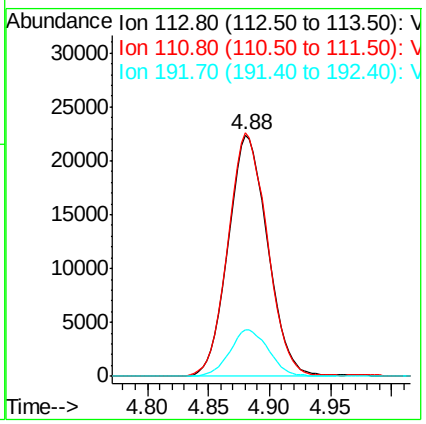


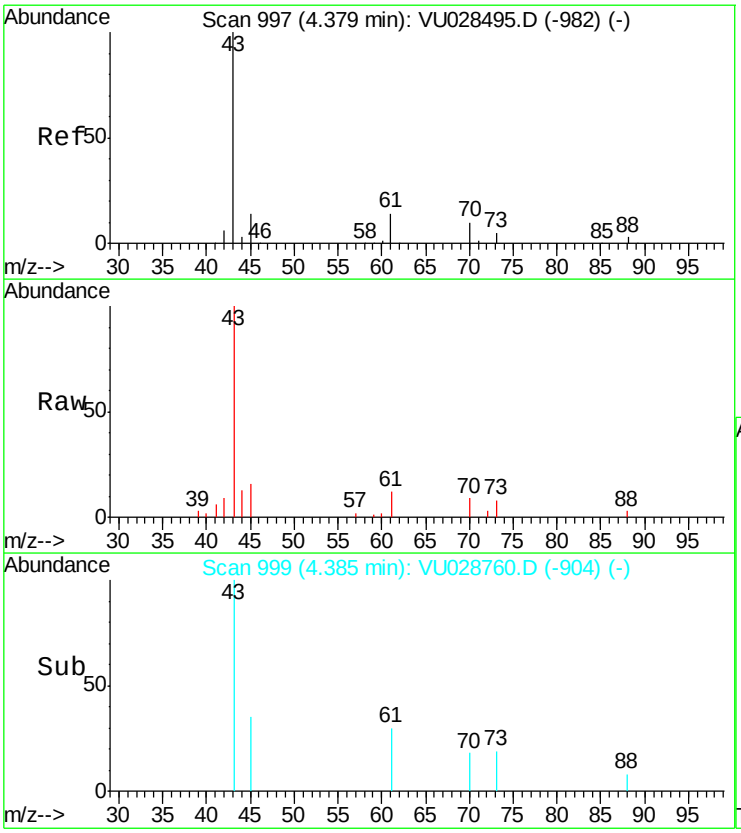
#35
Dibromofluoromethane
Concen: 53.520 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion:113 Resp: 50333

Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.4	125.0
192	18.7	14.8	22.2

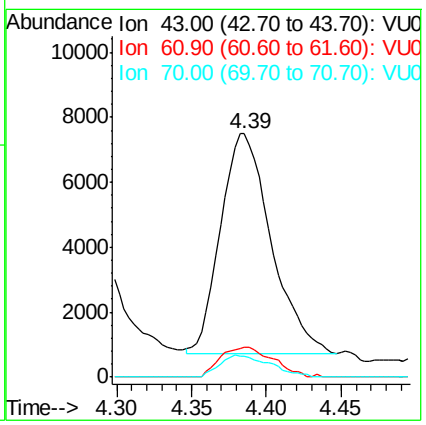


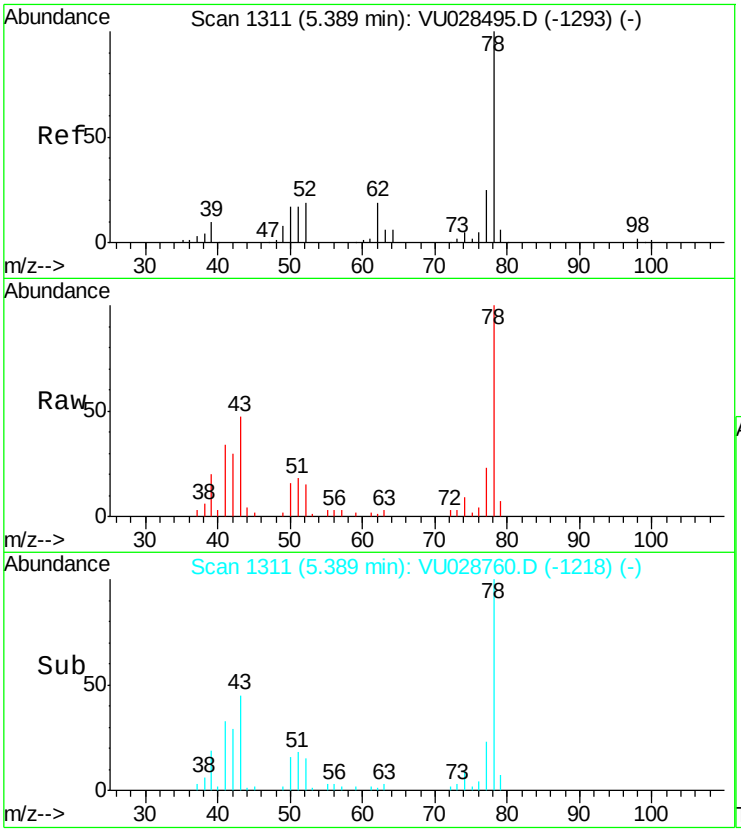


#37
Ethyl Acetate
Concen: 7.572 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.01 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 43 Resp: 16008

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	9.9	7.4	11.0



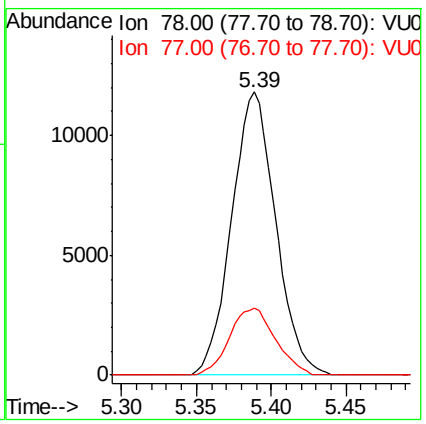


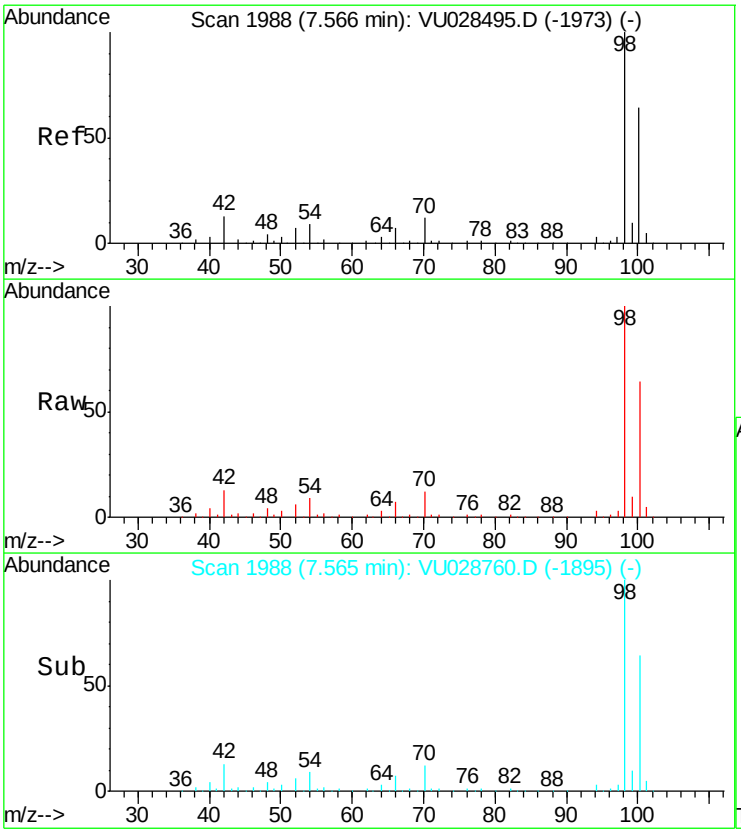
#40
Benzene
Concen: 5.017 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 78 Resp: 24164

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.9	29.9

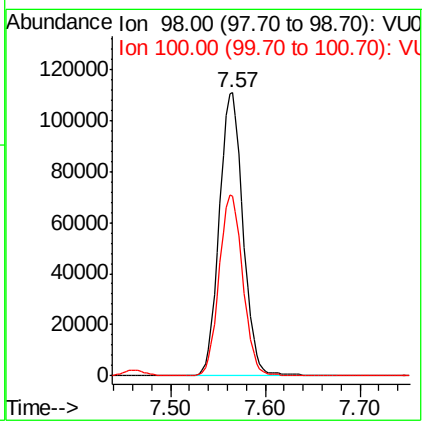


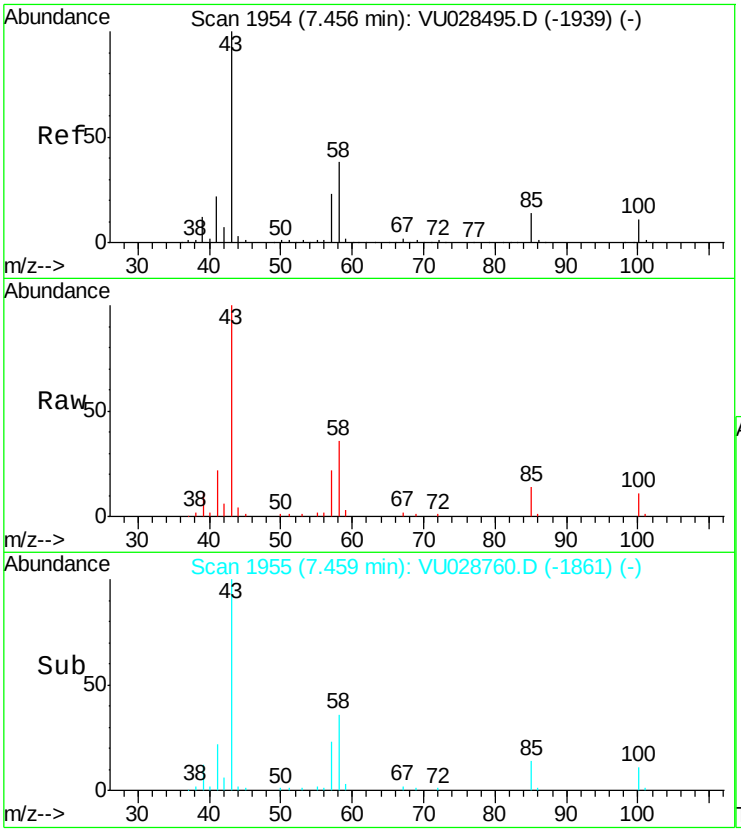


#50
Toluene-d8
Concen: 52.066 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 98 Resp: 193698

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6



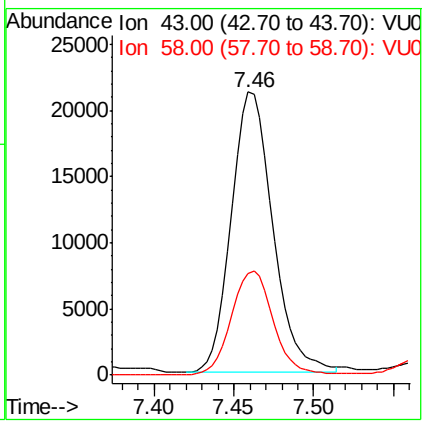


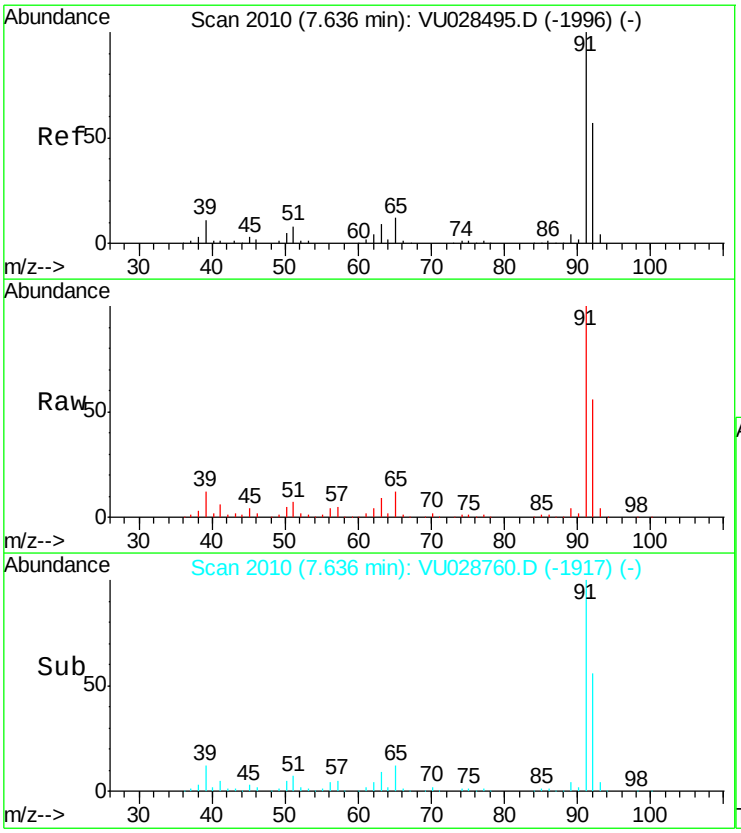
#51
4-Methyl-2-Pentanone
Concen: 17.897 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 43 Resp: 37744

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.2	45.2

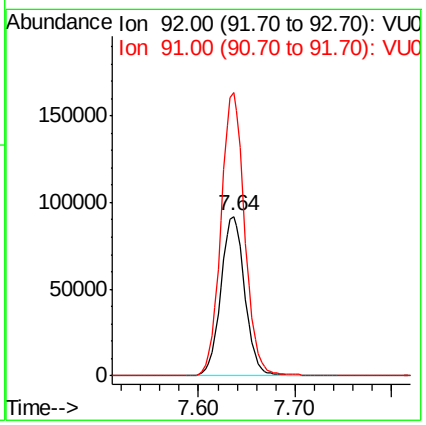


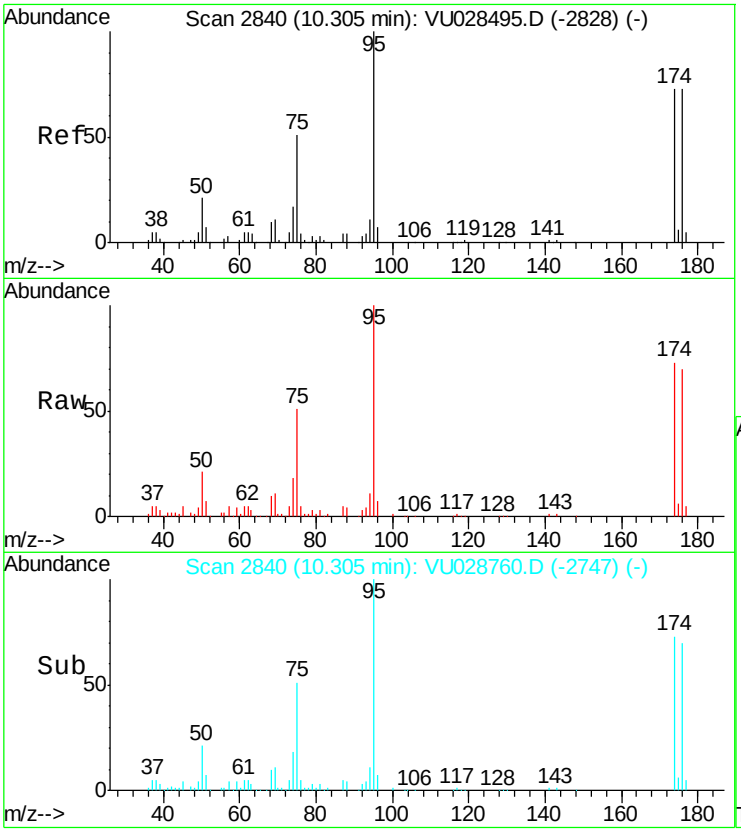


#52
Toluene
Concen: 55.815 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 92 Resp: 158212

Ion	Ratio	Lower	Upper
92	100		
91	175.8	140.2	210.4



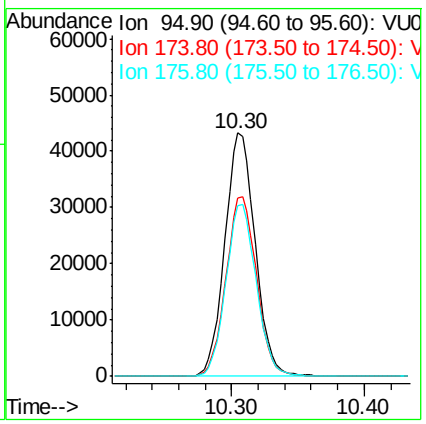


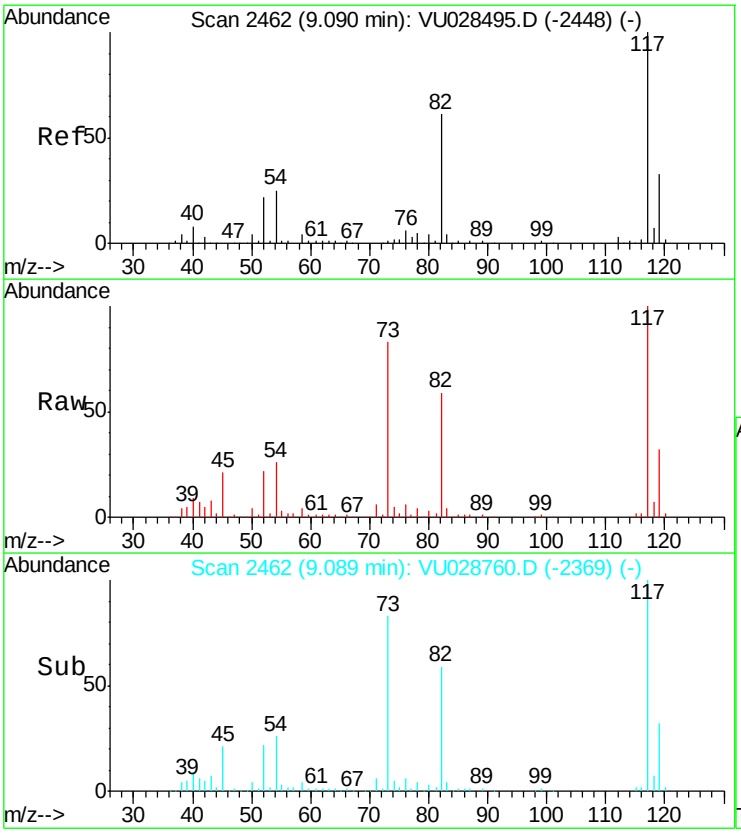
#62
4-Bromofluorobenzene
Concen: 49.475 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 95 Resp: 68795

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	150.4
176	70.6	0.0	145.2

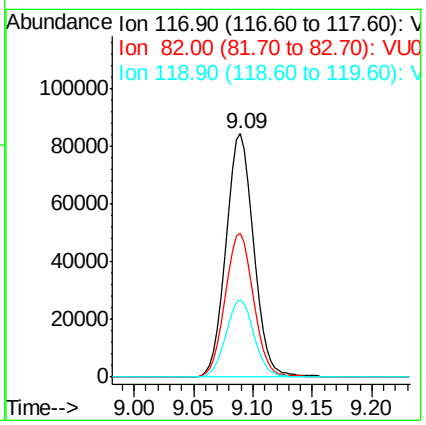


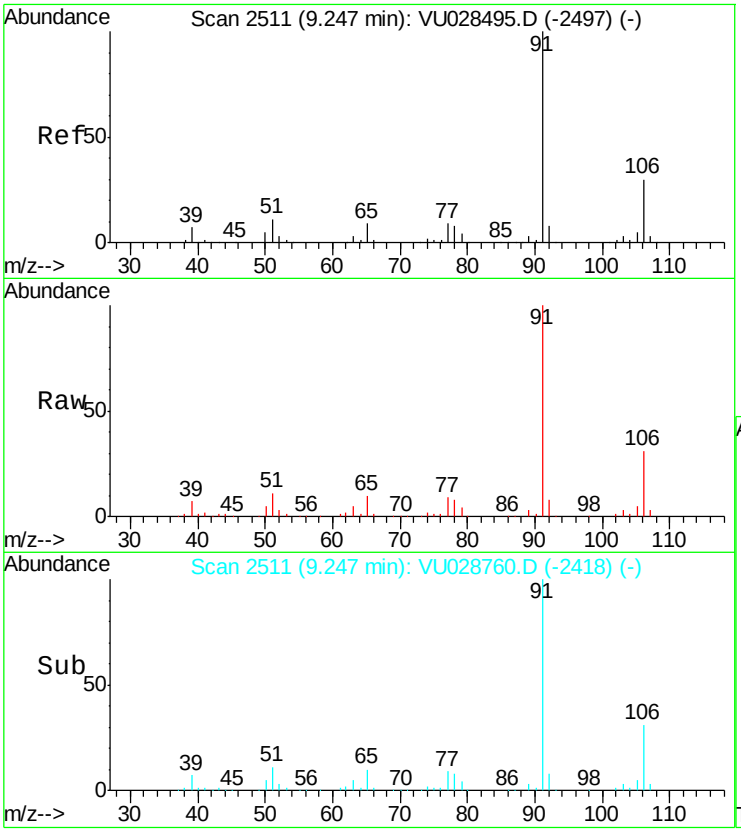


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion:117 Resp: 136530

Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.9	73.3
119	31.6	26.2	39.4



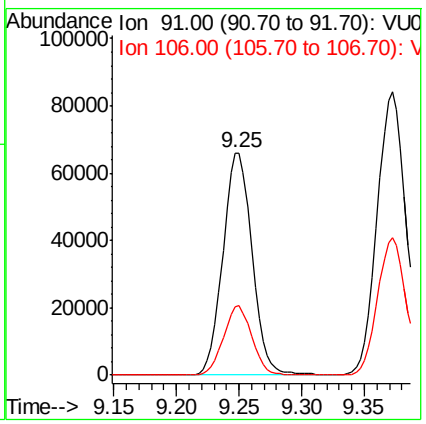


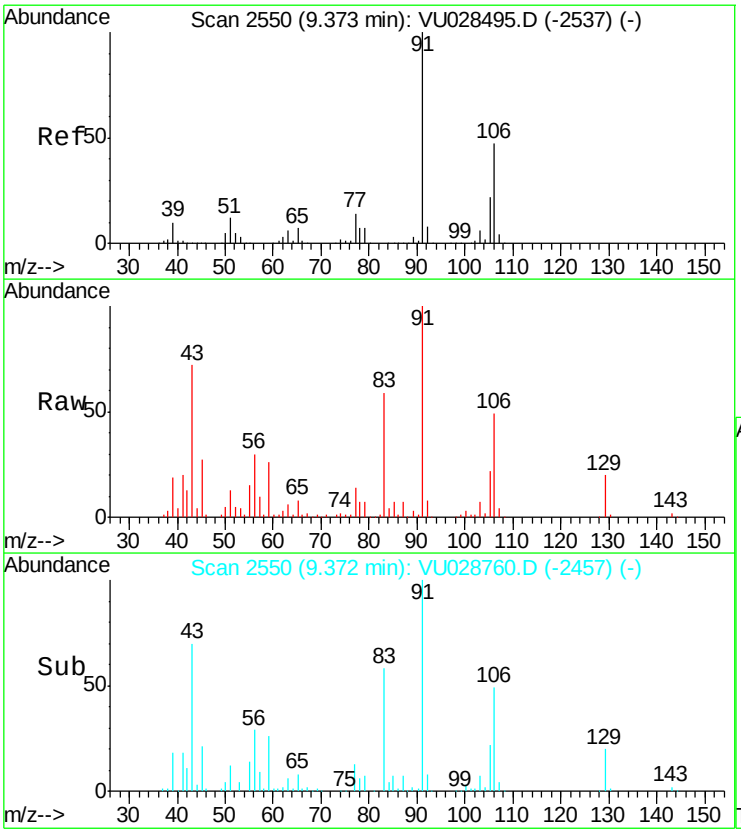
#67
Ethyl Benzene
Concen: 20.015 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion: 91 Resp: 107048

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.1	36.1

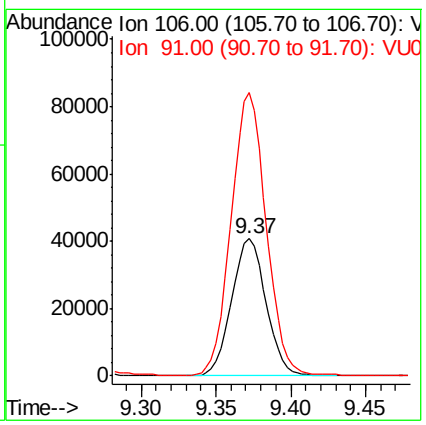


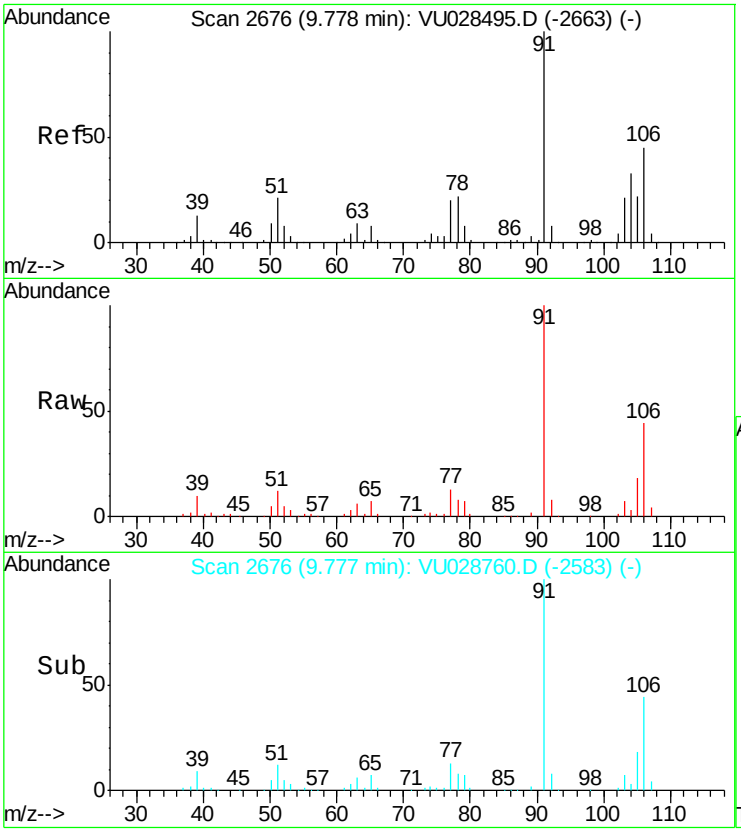


#68
m/p-Xylenes
Concen: 33.684 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion:106 Resp: 65552

Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.4	251.0



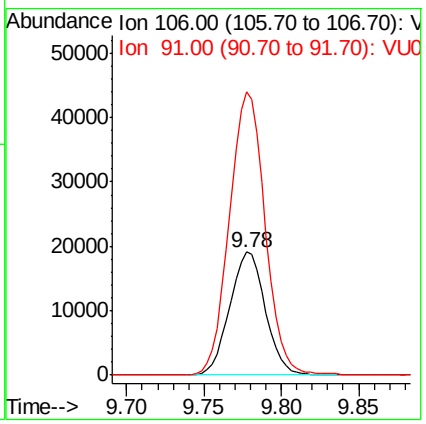


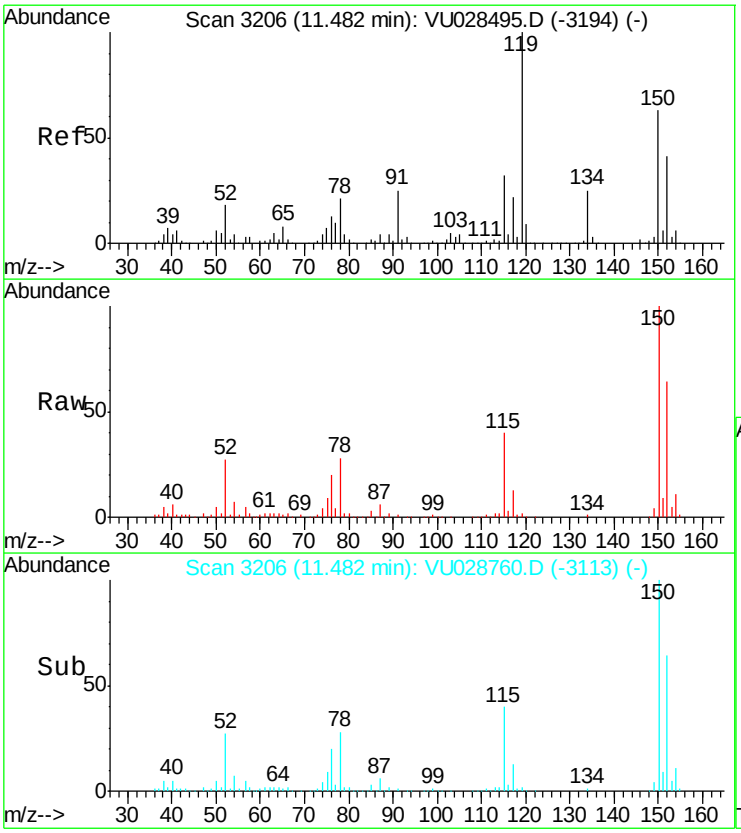
#69
o-Xylene
Concen: 16.105 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion:106 Resp: 30458

Ion	Ratio	Lower	Upper
106	100		
91	230.6	111.3	334.0

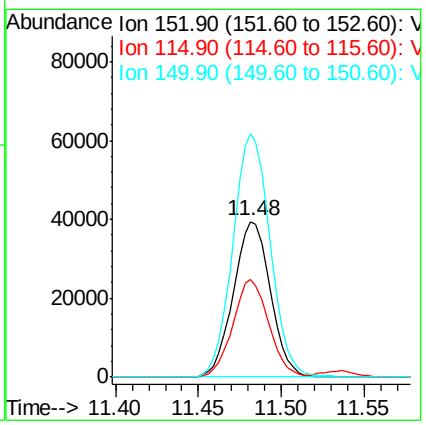


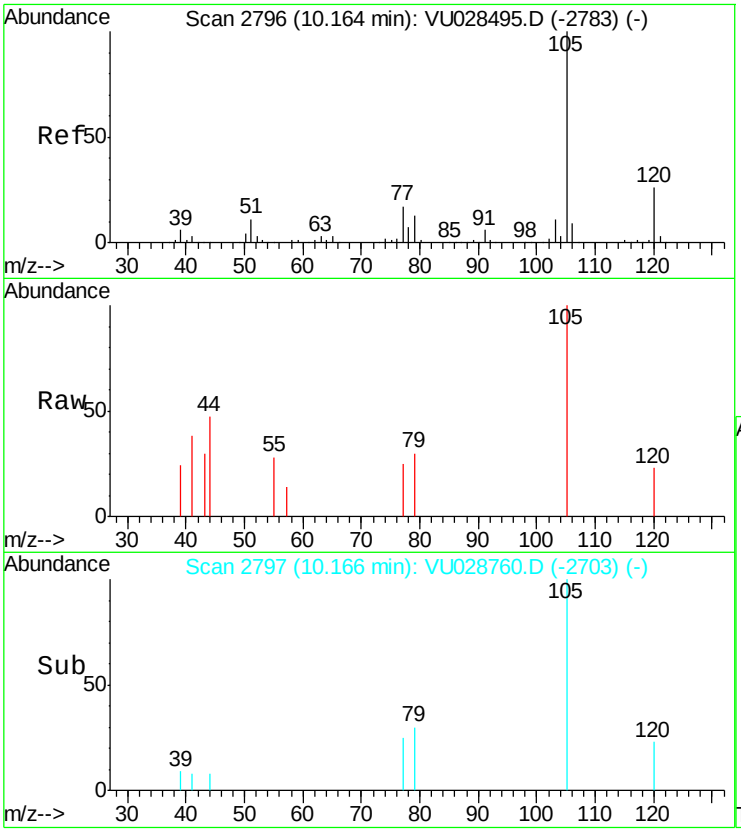


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion:152 Resp: 61088

Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.7	128.1
150	157.8	0.0	346.0



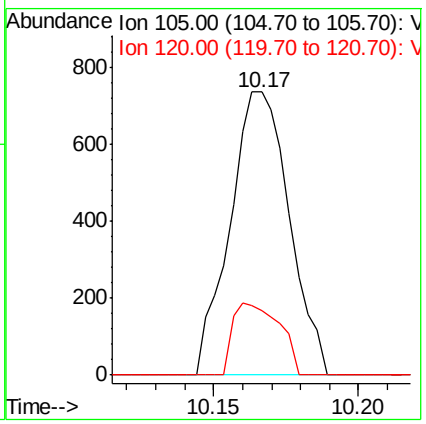


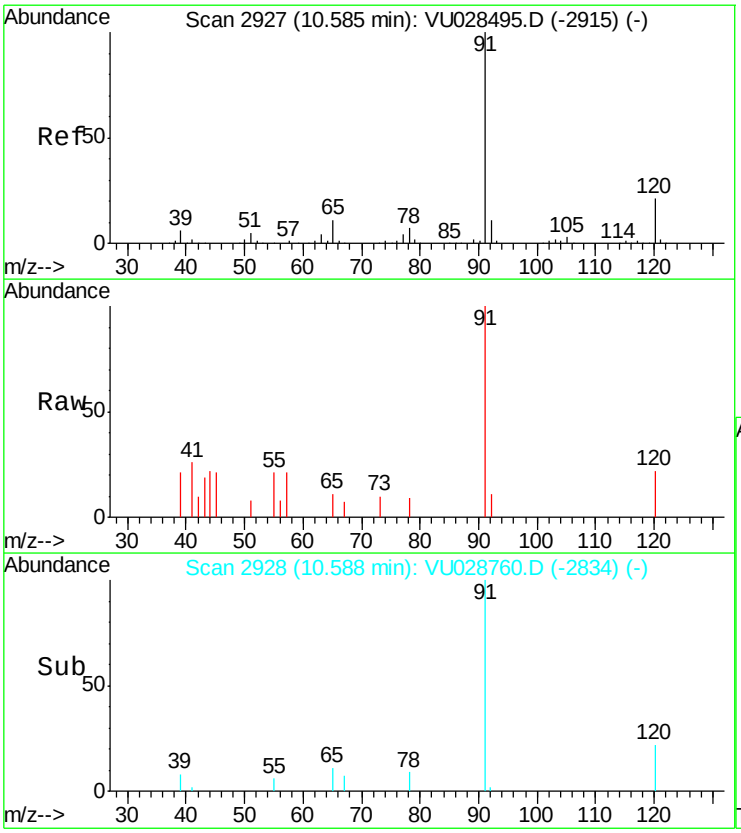
#73
Isopropylbenzene
Concen: 0.224 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument : MSVOA_U
ClientSampleId : 30080

Tgt Ion:105 Resp: 1048

Ion	Ratio	Lower	Upper
105	100		
120	20.0	12.9	38.6

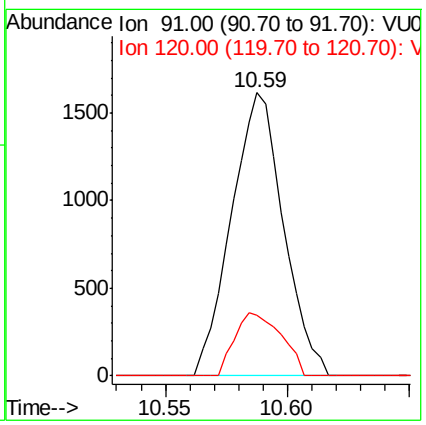


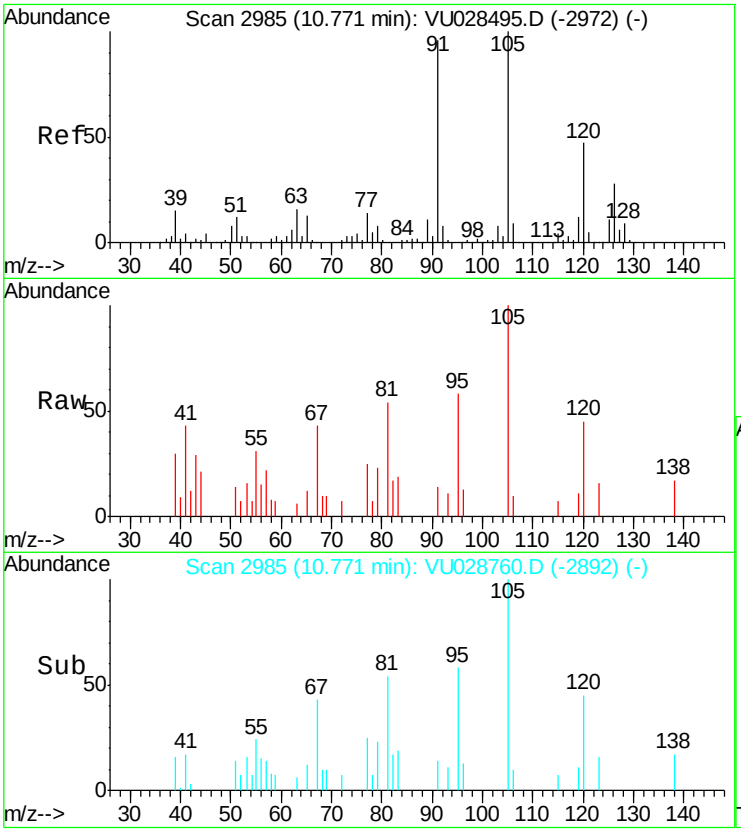


#78
n-propylbenzene
Concen: 0.410 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion: 91 Resp: 2387

Ion	Ratio	Lower	Upper
91	100		
120	20.0	10.6	31.8



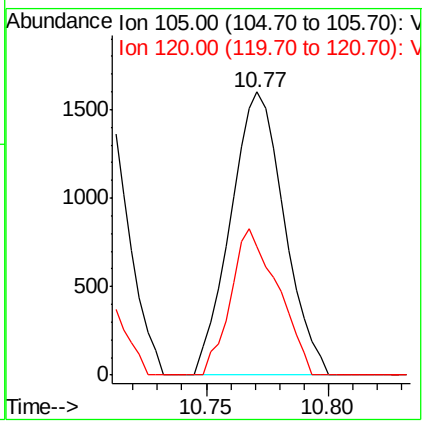


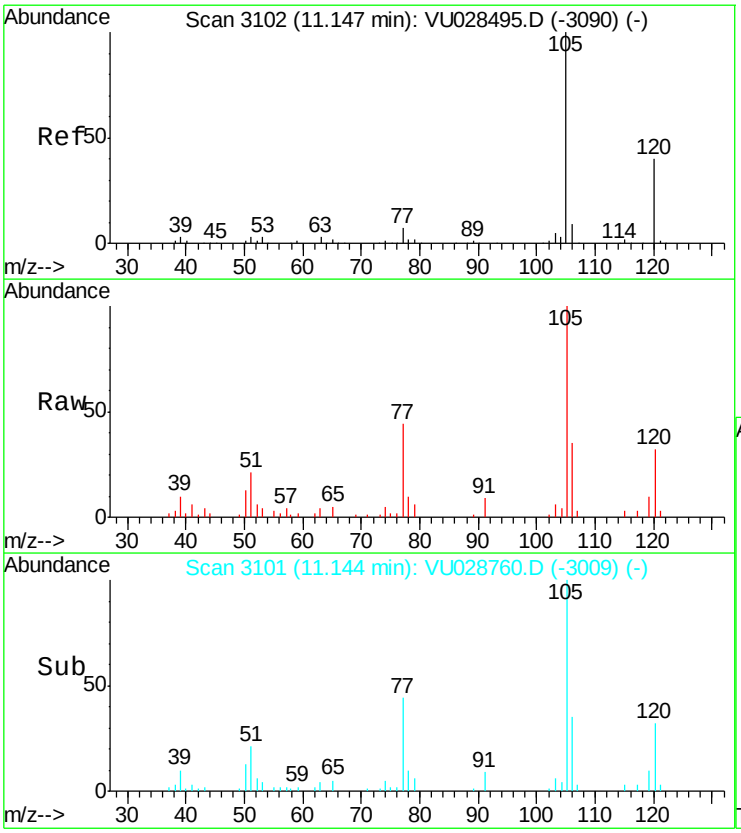
#80
1,3,5-Trimethylbenzene
Concen: 0.629 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Instrument :
MSVOA_U
ClientSampleId :
30080

Tgt Ion:105 Resp: 2441

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 4.135 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. -0.00 min
Lab File: VU028760.D
Acq: 18 Dec 2018 08:00

Tgt Ion:105 Resp: 16535

Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.8	65.4