Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028761.D
Acq On : 18 Dec 2018 08:24
Operator : MD/SY
Sample : J6390-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 30098

Quant Time: Dec 18 12:21:48 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	86143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	152842	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	135337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	68582	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.34%			
35) Dibromofluoromethane	4.88	113	50673	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
50) Toluene-d8	7.57	98	196607	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
62) 4-Bromofluorobenzene	10.30	95	64693	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
Target Compounds						Qvalue
8) Diethyl Ether	2.10	74	5722	7.588	ug/l	87
11) Tert butyl alcohol	2.83	59	6447	22.012	ug/l #	91
16) Acetone	2.32	43	10723	12.500	ug/l	99
18) Methyl Acetate	2.62	43	5171	2.325	ug/l	95
20) Methylene Chloride	2.70	84	3987	3.153	ug/l	93
52) Toluene	7.64	92	4618	1.593	ug/l	100
67) Ethyl Benzene	9.25	91	2094	0.395	ug/l	96
68) m/p-Xylenes	9.38	106	2931	1.519	ug/l	98
69) o-Xylene	9.78	106	1203	0.642	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	1030	0.286	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	4907	1.324	ug/l	96

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

Quantitation Report (QT Reviewed)

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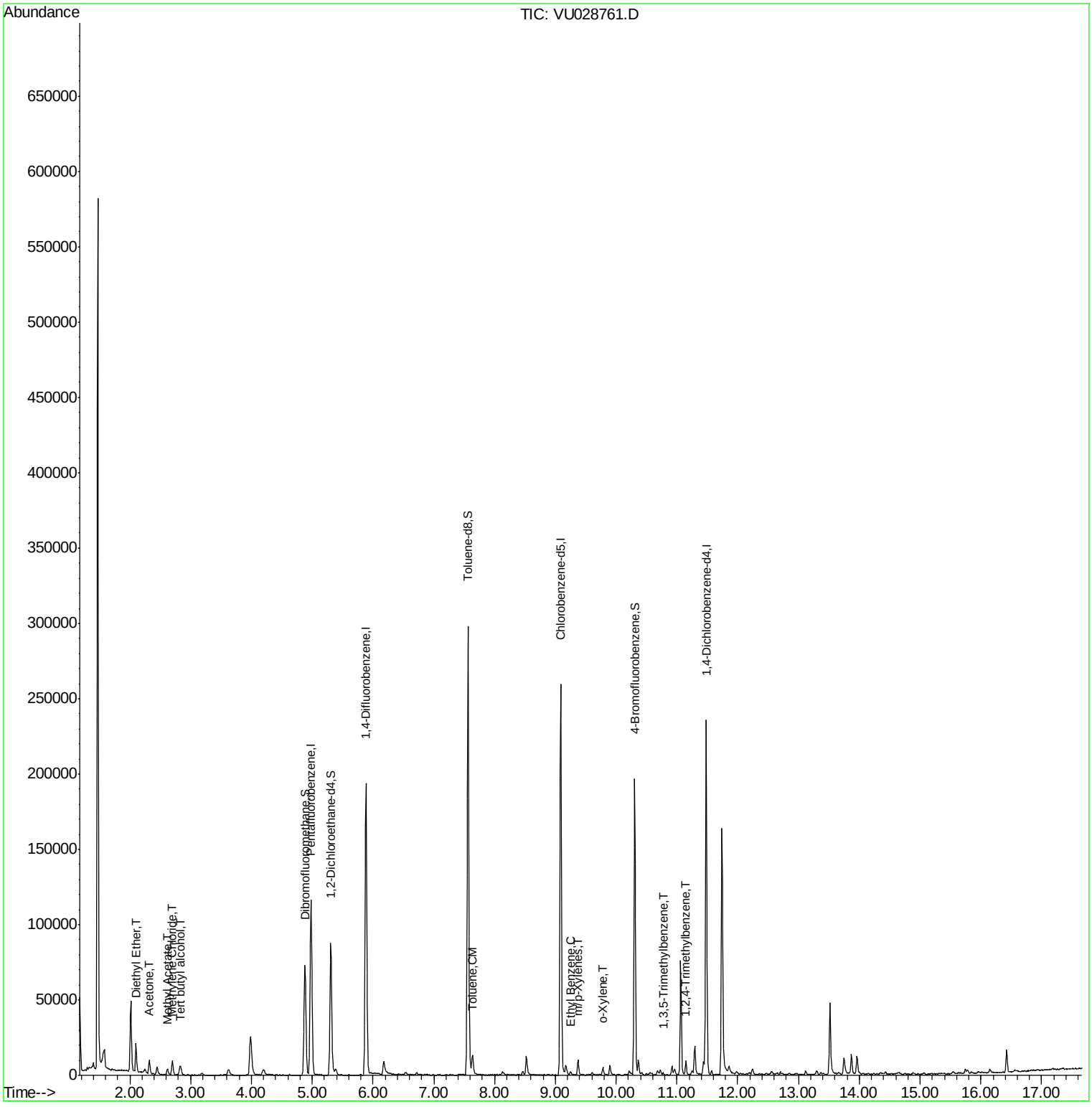
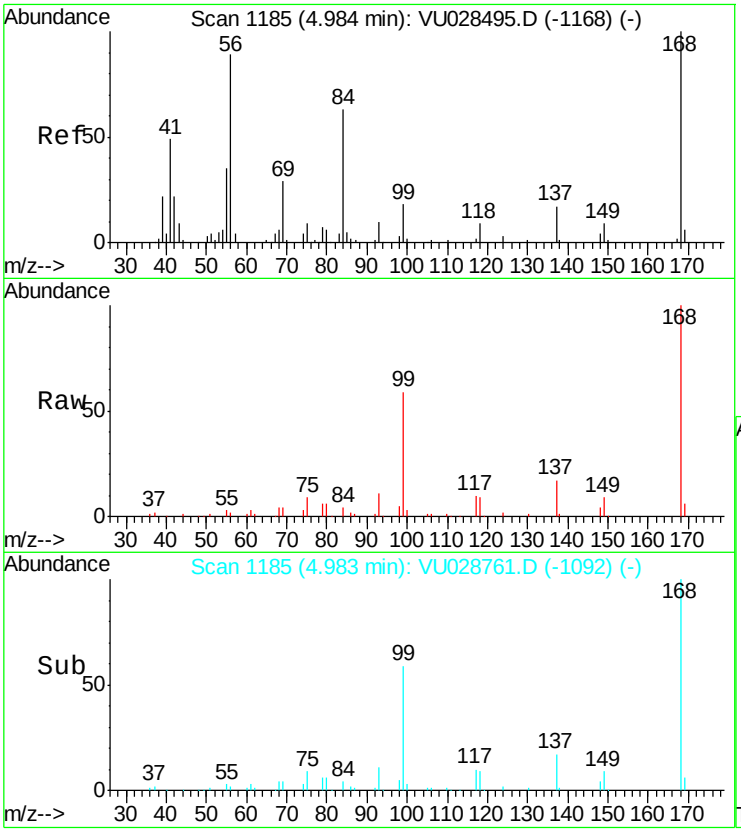


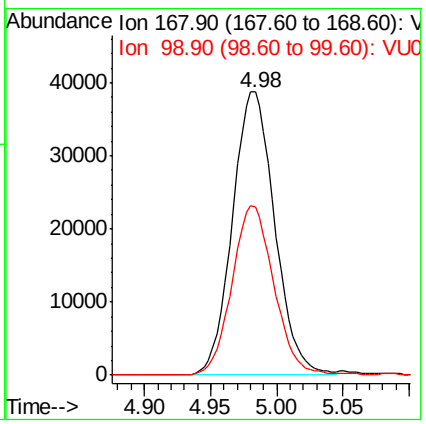


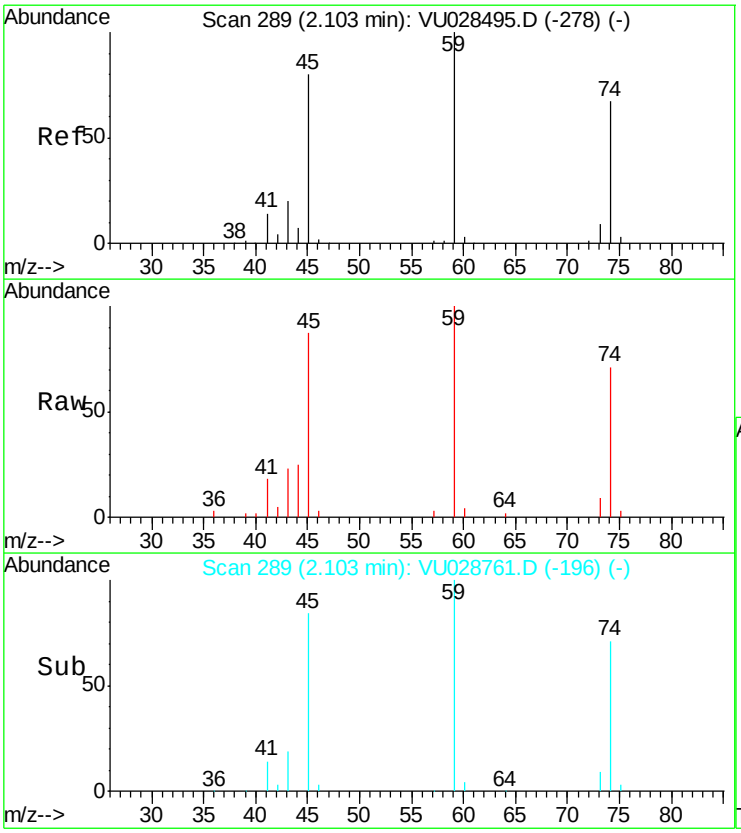
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument : MSVOA_U
ClientSampleId : 30098

Tgt Ion:168 Resp: 86143

Ion	Ratio	Lower	Upper
168	100		
99	59.5	46.6	69.8

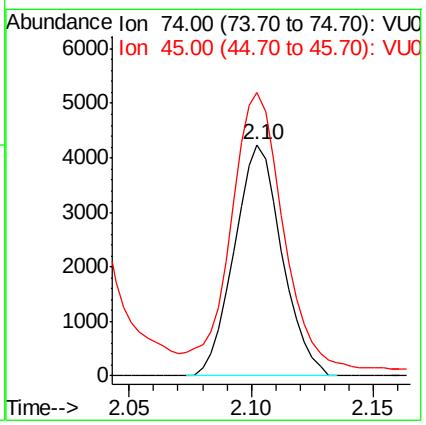


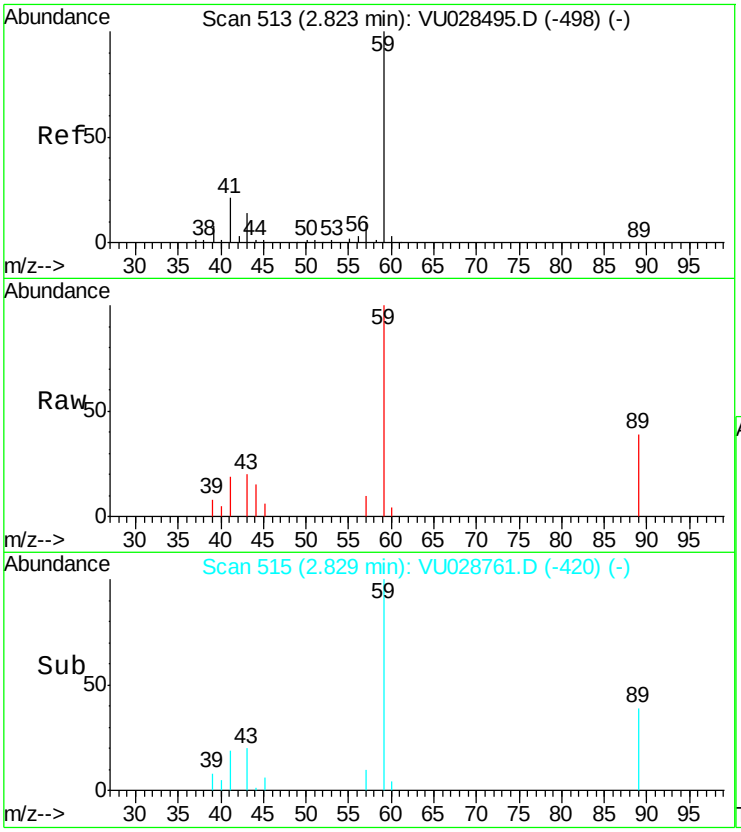


#8
Diethyl Ether
Concen: 7.588 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 74 Resp: 5722

Ion	Ratio	Lower	Upper
74	100		
45	133.4	59.7	179.0



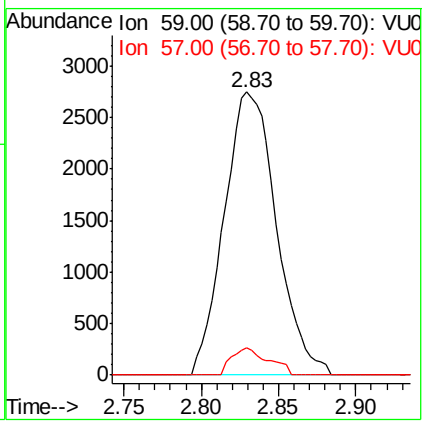


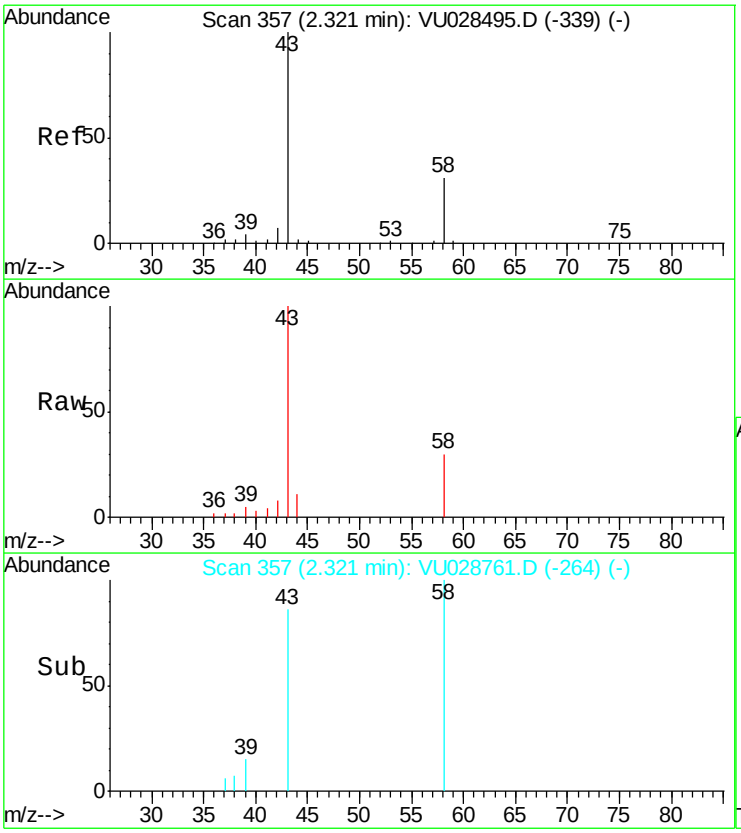
#11
Tert butyl alcohol
Concen: 22.012 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.01 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument :
MSVOA_U
ClientSampleId :
30098

Tgt Ion: 59 Resp: 6447

Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.0	12.0#

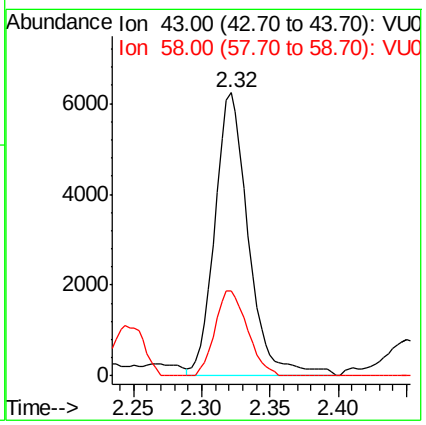


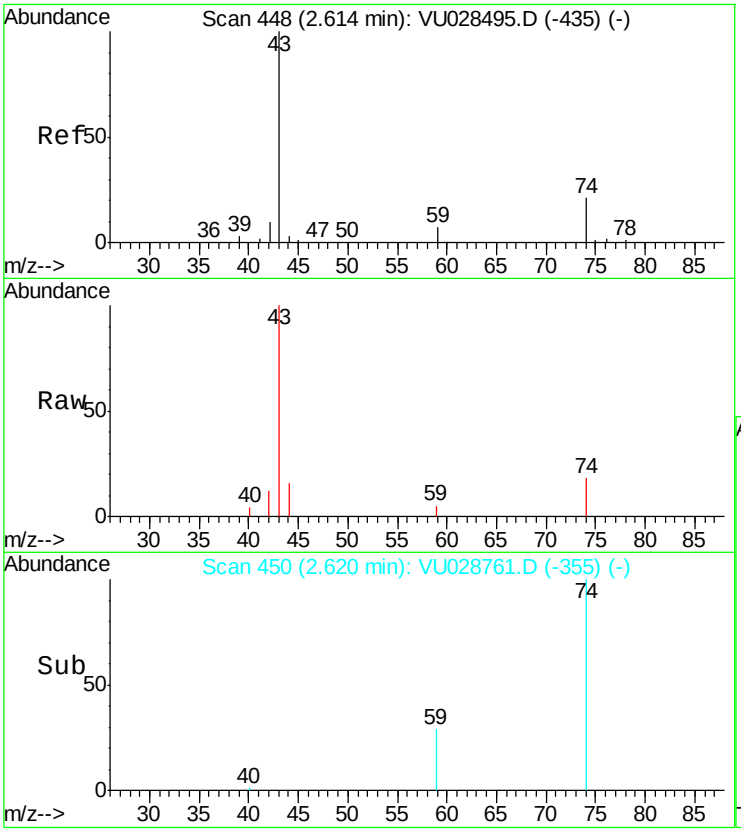


#16
Acetone
Concen: 12.500 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 43 Resp: 10723

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.6	37.0



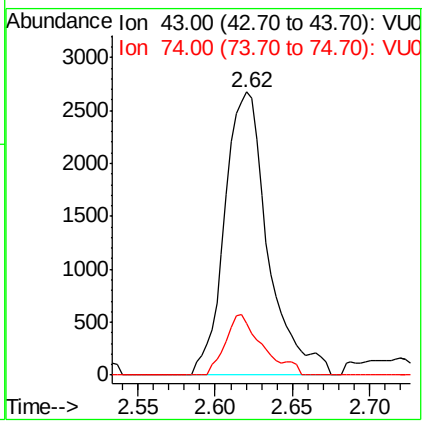


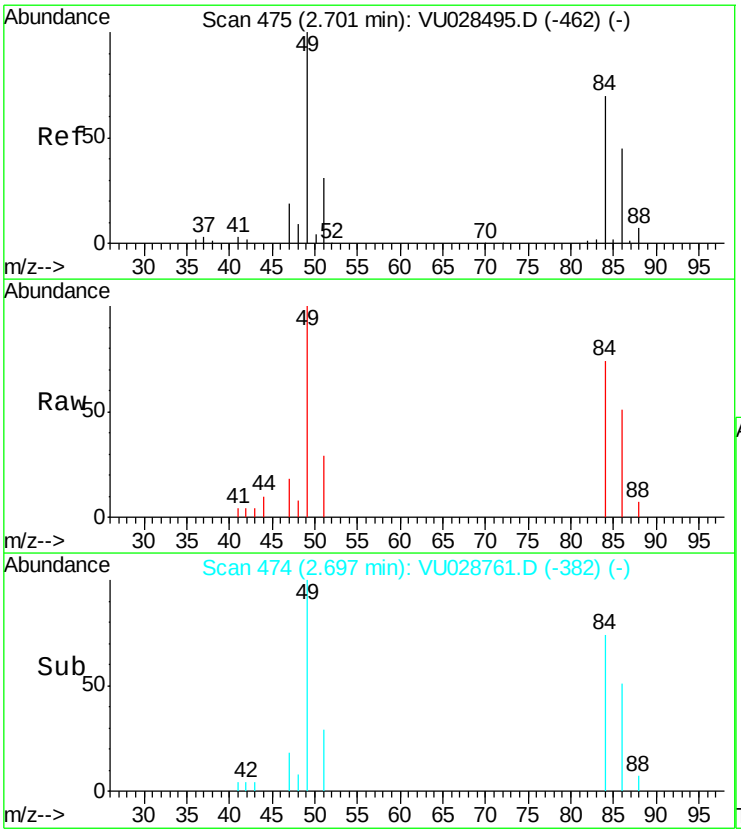
#18
Methyl Acetate
Concen: 2.325 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument : MSVOA_U
ClientSampleId : 30098

Tgt Ion: 43 Resp: 5171

Ion	Ratio	Lower	Upper
43	100		
74	18.4	16.4	24.6

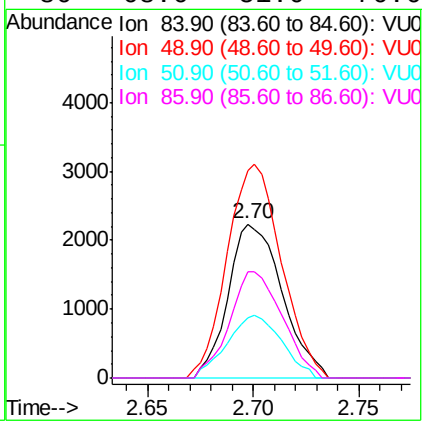


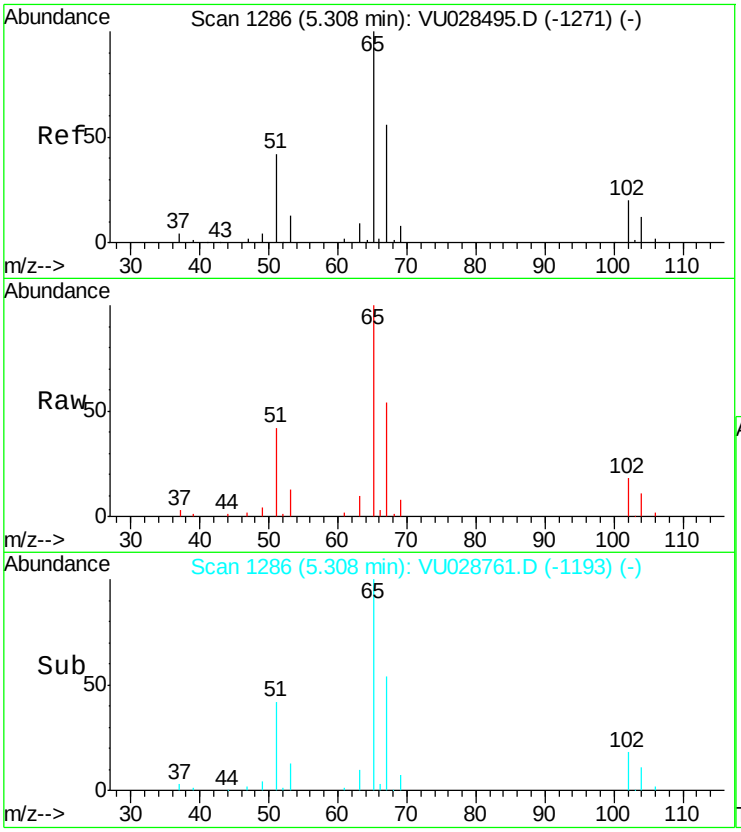


#20
Methylene Chloride
Concen: 3.153 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 84 Resp: 3987

Ion	Ratio	Lower	Upper
84	100		
49	134.4	114.0	171.0
51	39.4	35.1	52.7
86	68.6	51.0	76.6



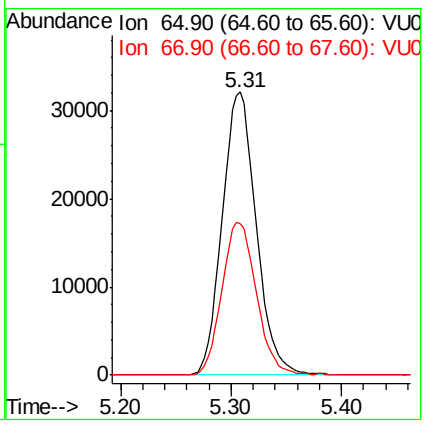


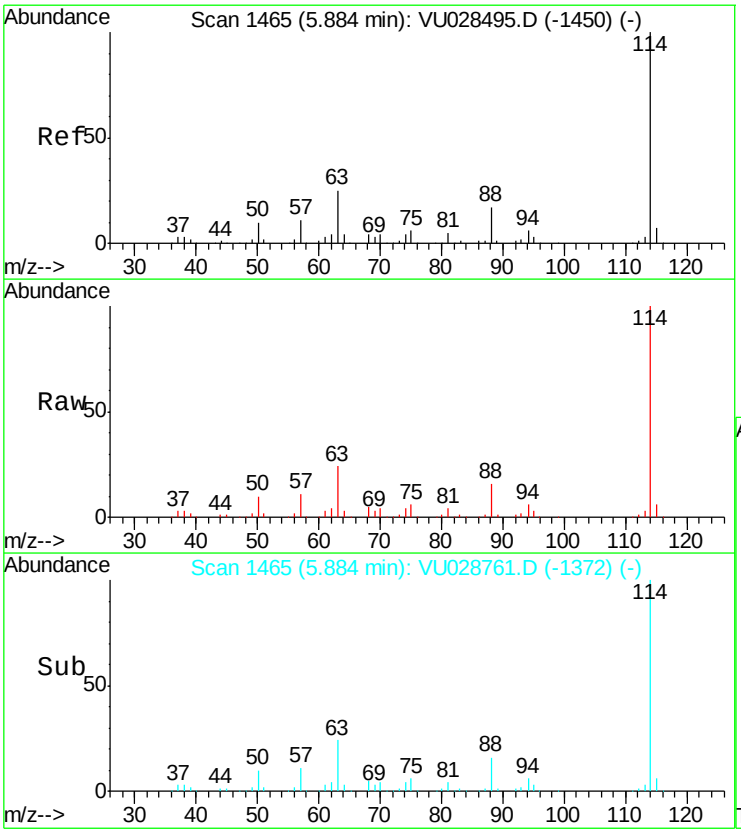
#33
1,2-Dichloroethane-d4
Concen: 52.170 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument :
MSVOA_U
ClientSampleId :
30098

Tgt Ion: 65 Resp: 68582

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.6

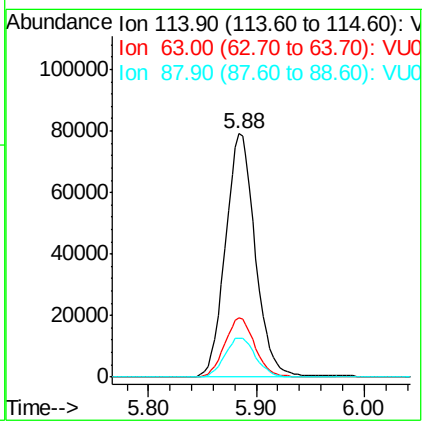


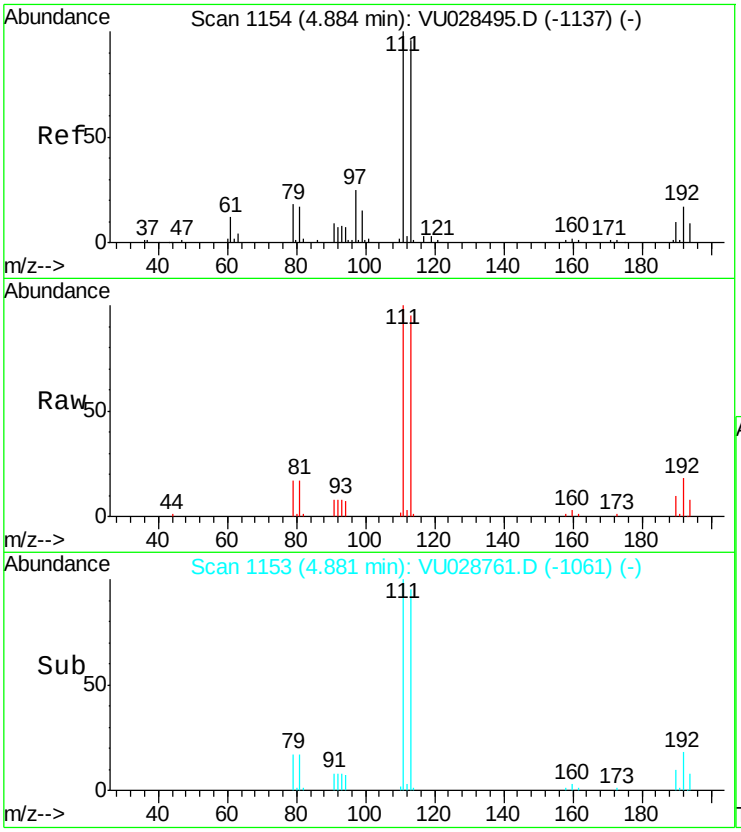


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion:114 Resp: 152842

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.1	0.0	33.4



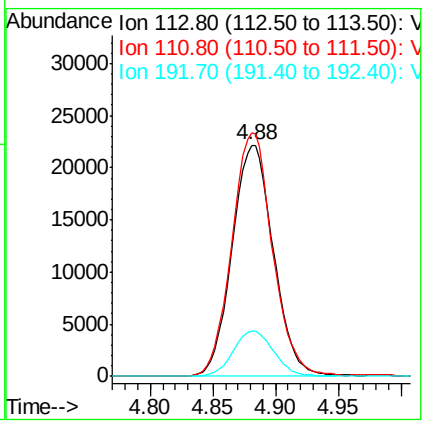


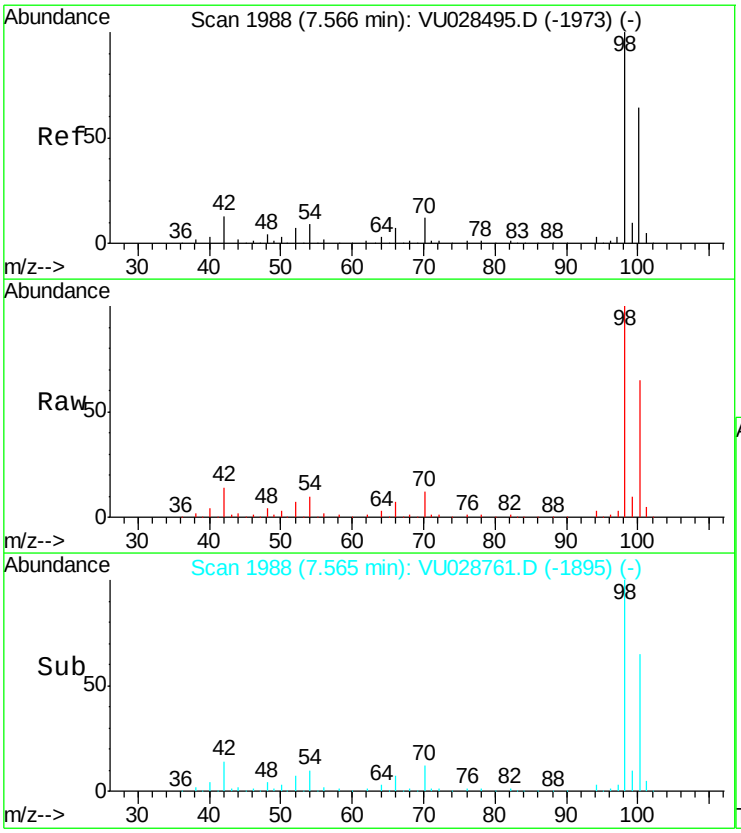
#35
Dibromofluoromethane
Concen: 52.683 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument :
MSVOA_U
ClientSampleId :
30098

Tgt Ion:113 Resp: 50673

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	19.2	14.8	22.2

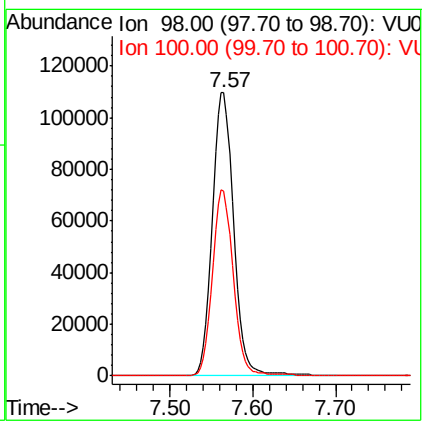


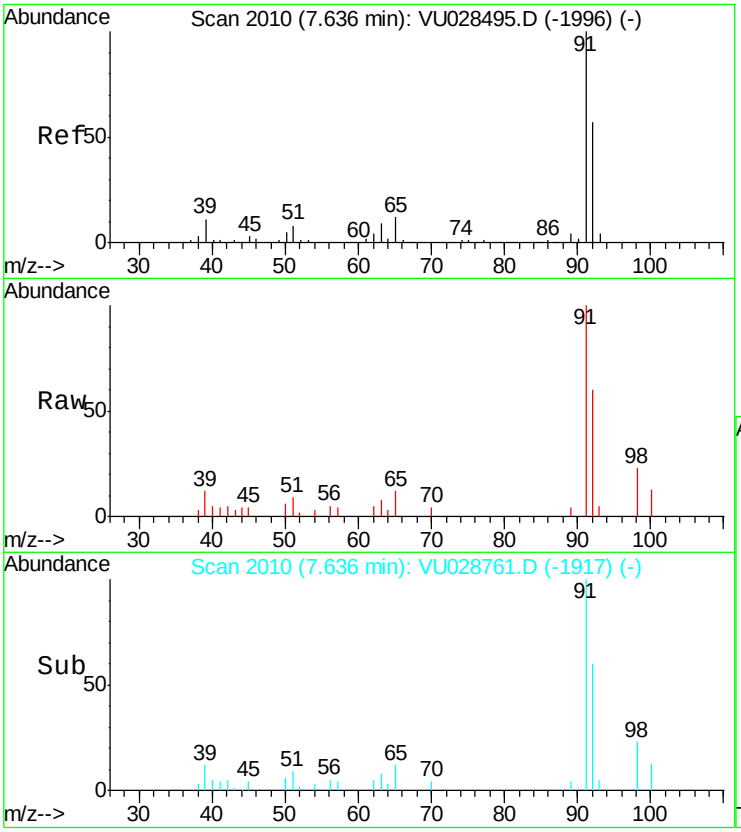


#50
Toluene-d8
Concen: 51.672 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 98 Resp: 196607

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.6



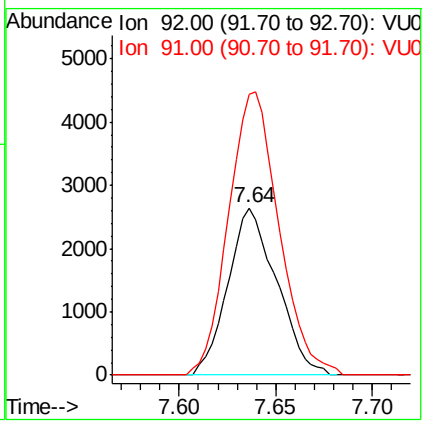


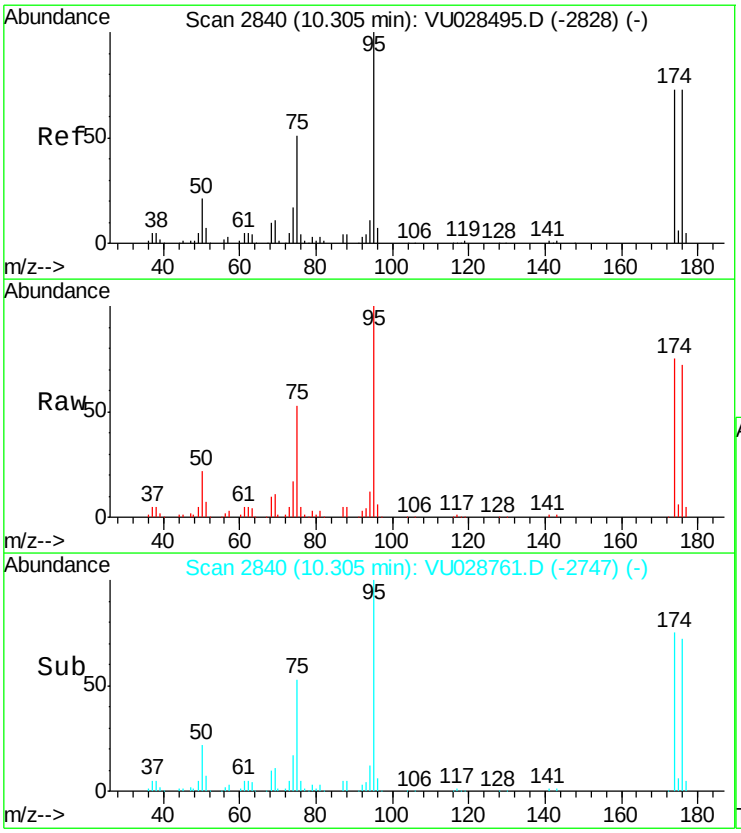
#52
Toluene
Concen: 1.593 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument :
MSVOA_U
ClientSampleId :
30098

Tgt Ion: 92 Resp: 4618

Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.2	210.4

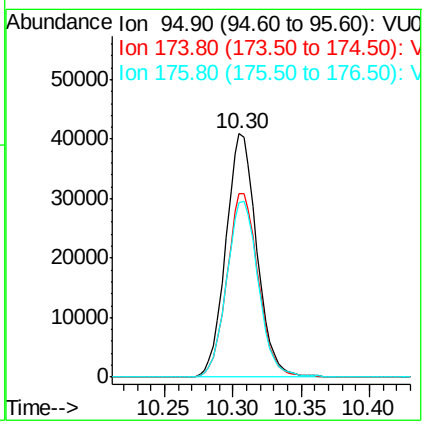


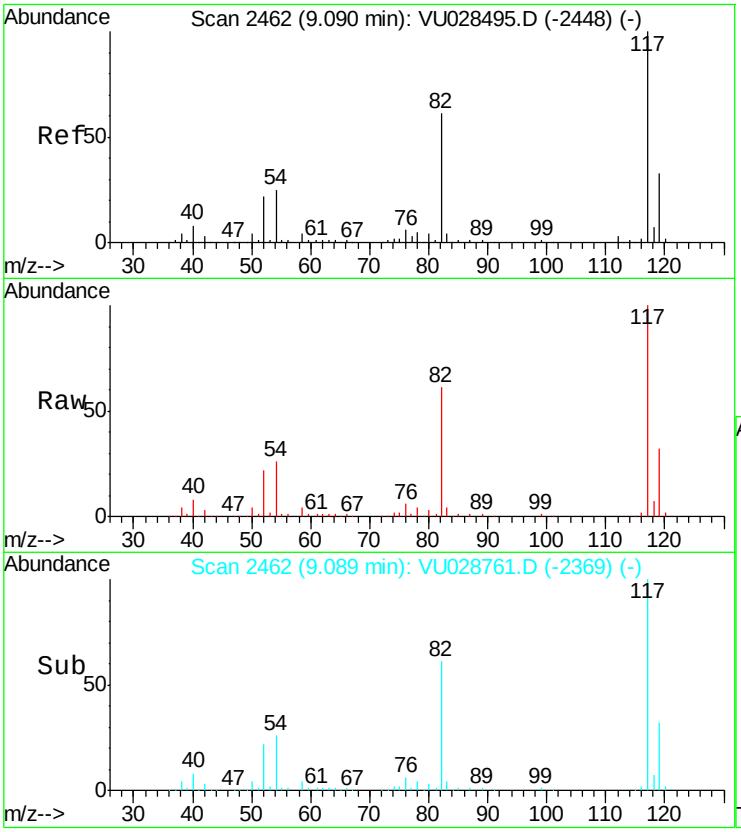


#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 95 Resp: 64693

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.4
176	73.8	0.0	145.2



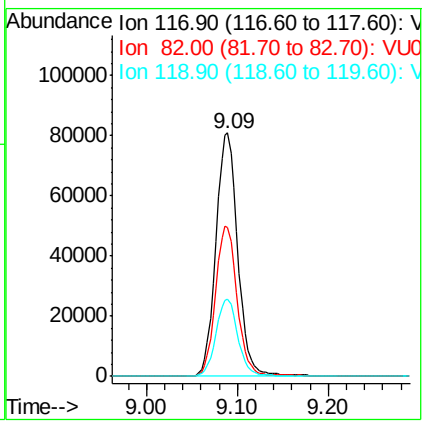


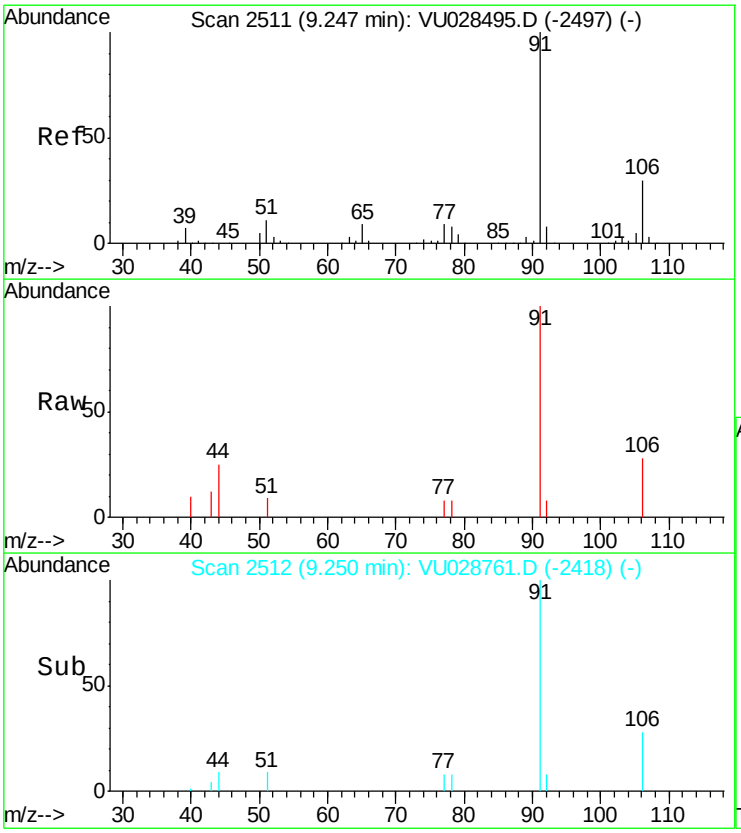
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument : MSVOA_U
ClientSampleId : 30098

Tgt Ion:117 Resp: 135337

Ion	Ratio	Lower	Upper
117	100		
82	61.2	48.9	73.3
119	31.7	26.2	39.4

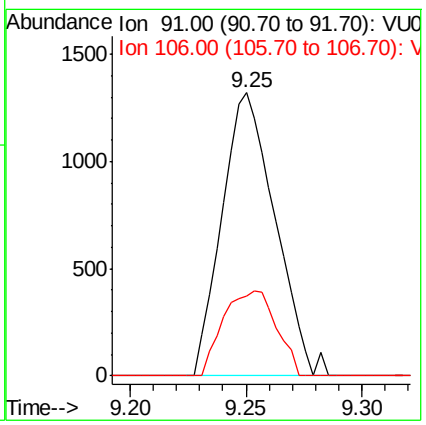


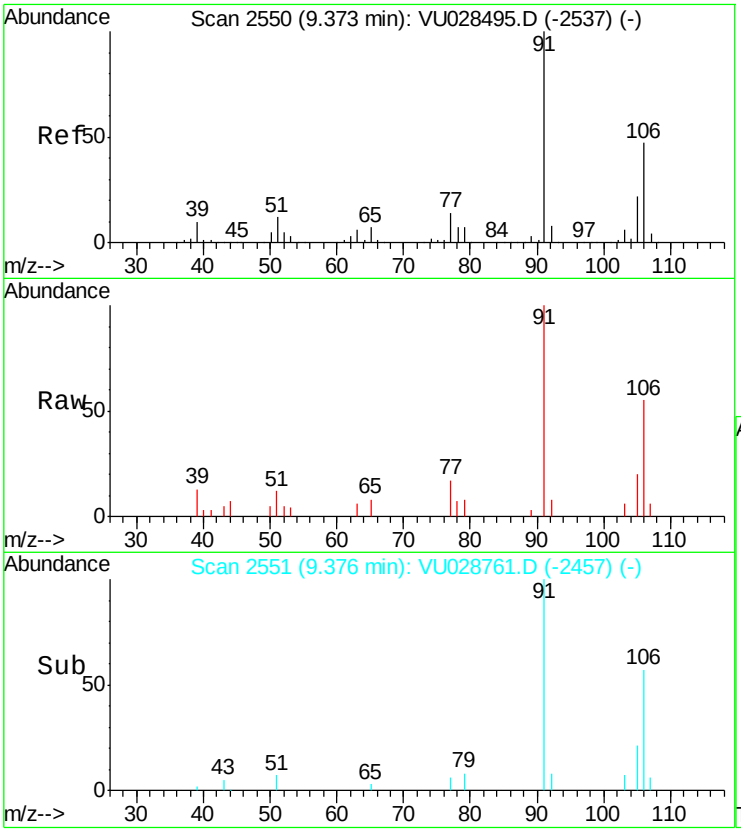


#67
Ethyl Benzene
Concen: 0.395 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion: 91 Resp: 2094

Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.1	36.1



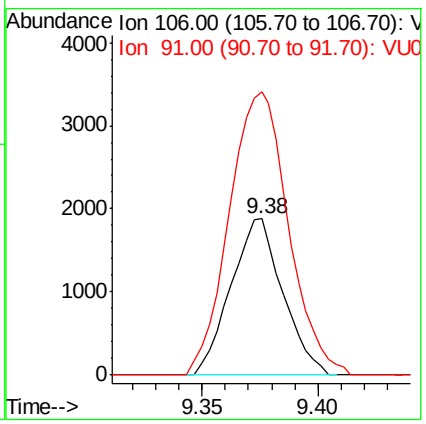


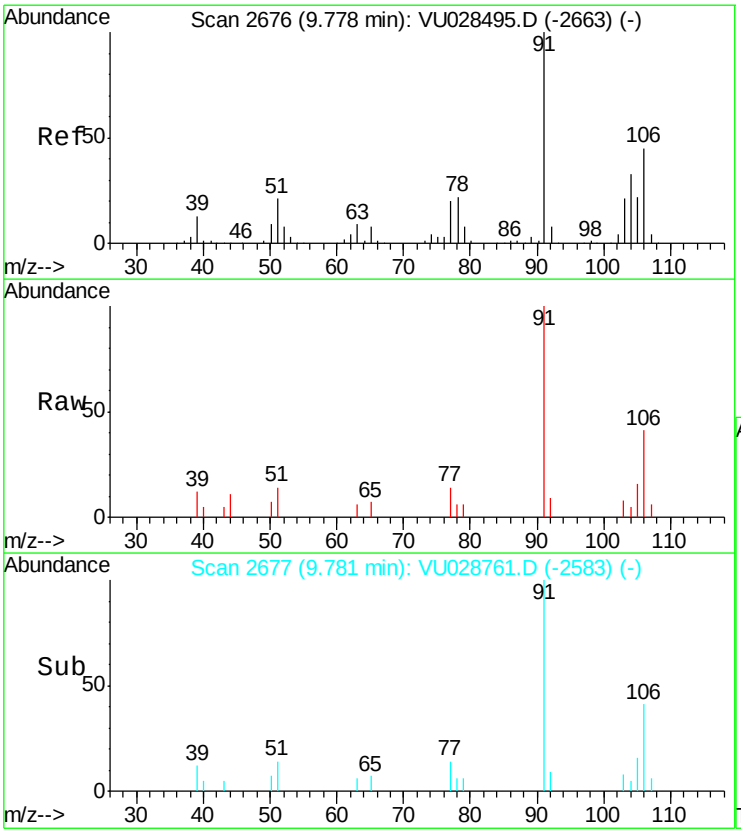
#68
m/p-Xylenes
Concen: 1.519 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument : MSVOA_U
ClientSampleId : 30098

Tgt Ion:106 Resp: 2931

Ion	Ratio	Lower	Upper
106	100		
91	206.1	167.4	251.0

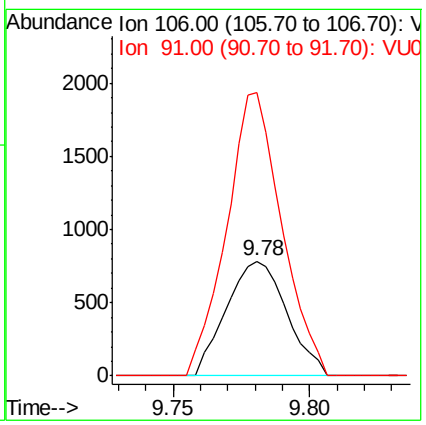


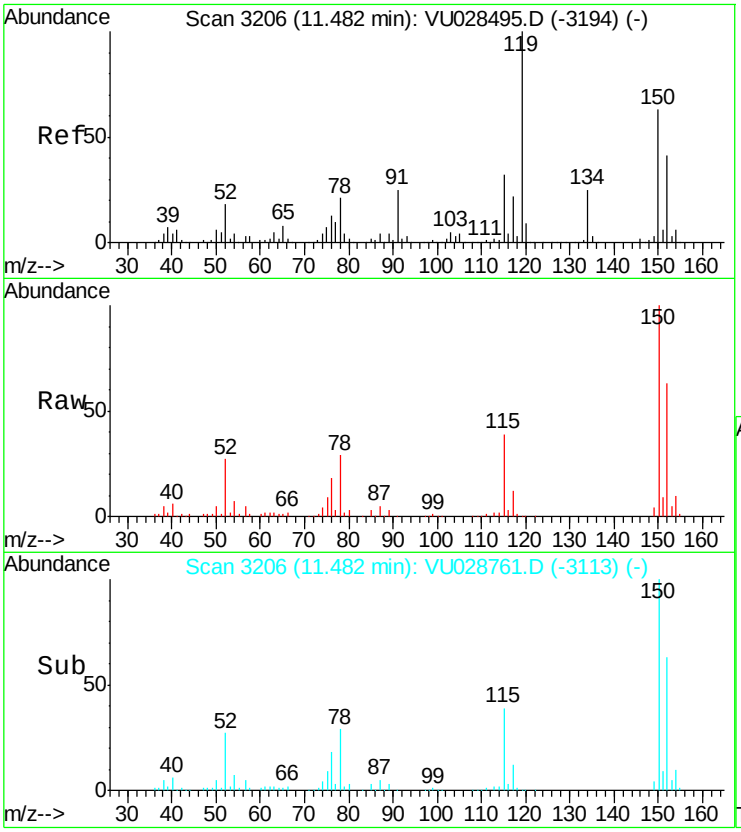


#69
o-Xylene
Concen: 0.642 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion:106 Resp: 1203

Ion	Ratio	Lower	Upper
106	100		
91	225.1	111.3	334.0



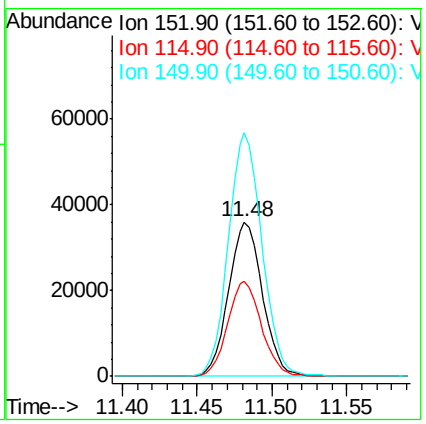


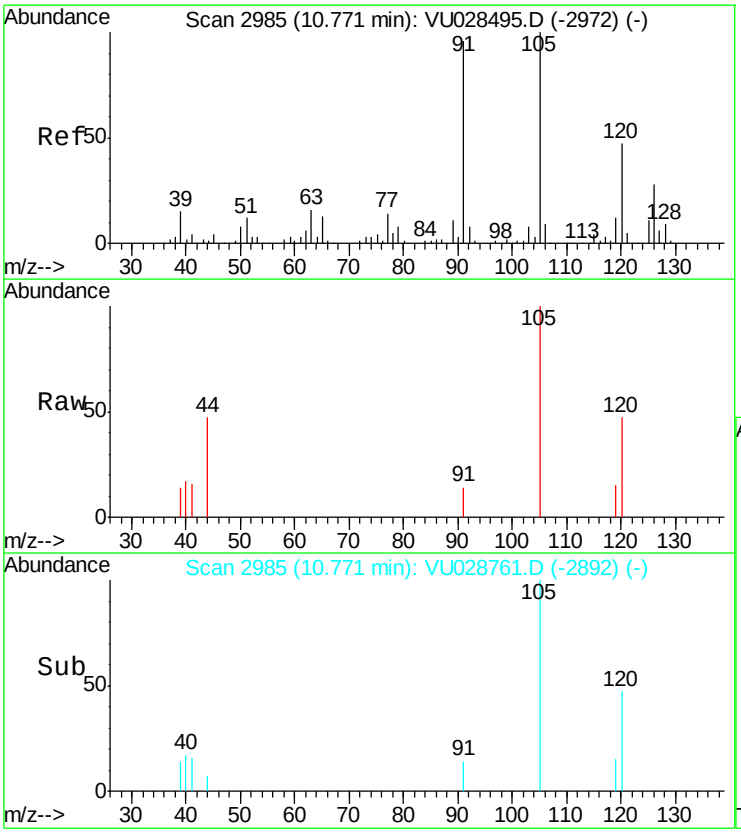
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument : MSVOA_U
ClientSampleId : 30098

Tgt Ion:152 Resp: 56638

Ion	Ratio	Lower	Upper
152	100		
115	61.4	42.7	128.1
150	157.4	0.0	346.0

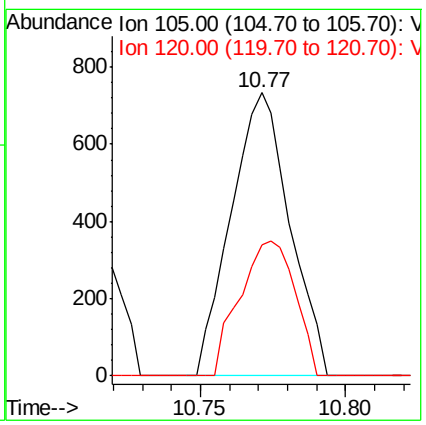


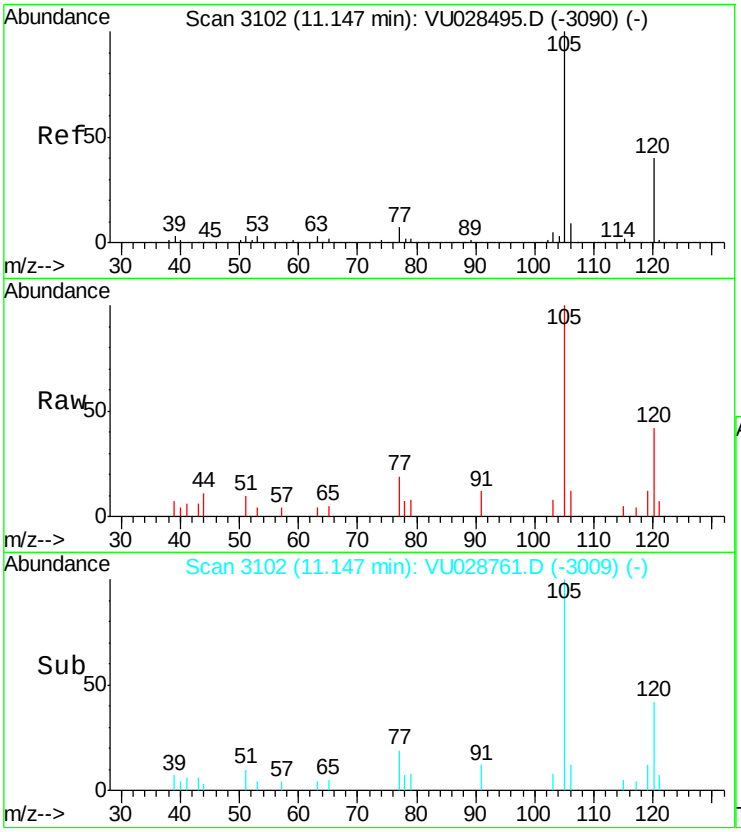


#80
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Tgt Ion:105 Resp: 1030

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 1.324 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028761.D
Acq: 18 Dec 2018 08:24

Instrument :
MSVOA_U
ClientSampleId :
30098

Tgt Ion:105 Resp: 4907

Ion	Ratio	Lower	Upper
105	100		
120	41.2	21.8	65.4