Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\
Data File : VU032561.D
Acq On : 10 Jun 2019 13:20
Operator : JC/SP
Sample : K3278-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C9MS

Quant Time: Jun 11 05:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97489	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63551	49.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.00%			
7) Chloroethane-d5	1.67	69	51588	49.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.27	63	124066	48.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.72%			
21) 2-Butanone-d5	4.17	46	107052	98.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.63%			
24) Chloroform-d	4.64	84	117095	48.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.82%			
26) 1,2-Dichloroethane-d4	5.30	65	78157	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.58%			
32) Benzene-d6	5.33	84	247270	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.32	67	77999	51.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.02%			
41) Toluene-d8	7.56	98	232010	50.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.36%			
43) trans-1,3-Dichloropropene-	7.85	79	38441	52.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.06%			
47) 2-Hexanone-d5	8.31	63	71789	96.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.79%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108540	48.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.98%			
64) 1,2-Dichlorobenzene-d4	11.85	152	96133	51.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.96%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	56382	47.532	ug/L	97
13) Acetone	2.32	43	3415	3.049	ug/L	88
33) Benzene	5.38	78	253208	47.975	ug/L	100
34) Trichloroethene	6.18	95	66674	46.433	ug/L	99
42) Toluene	7.63	91	278371	48.160	ug/L	100
51) Chlorobenzene	9.11	112	179326	48.154	ug/L	99
53) m,p-Xylene	9.37	106	2621	1.070	ug/L	96

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

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Sample : K3278-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C9MS

Quant Time: Jun 11 05:23:22 2019
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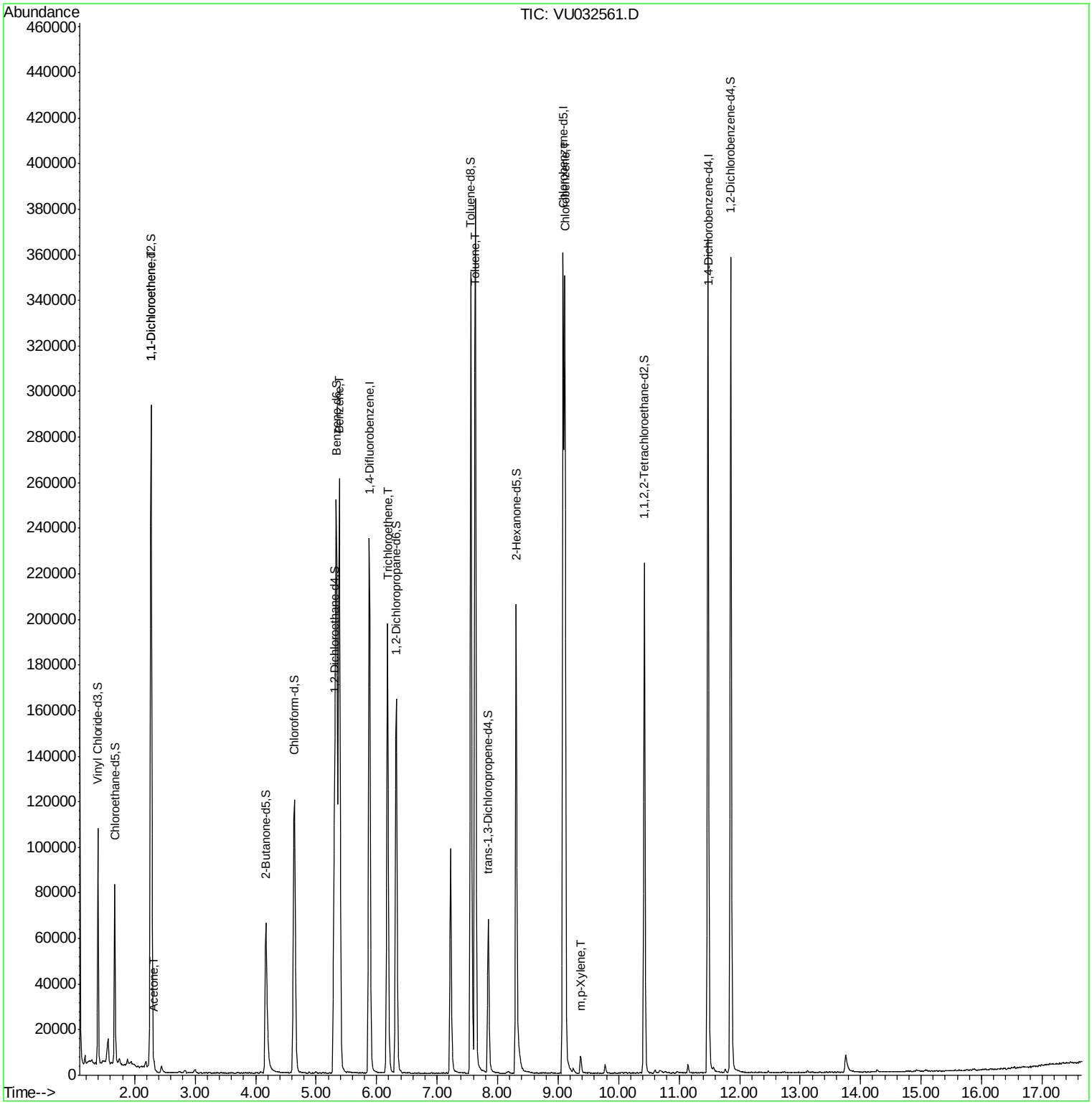
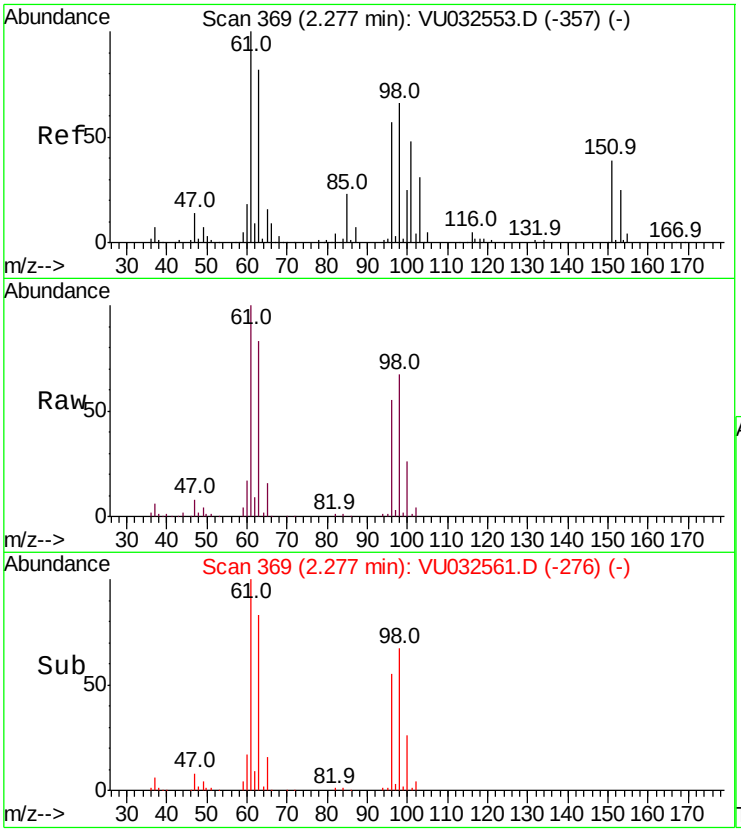
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration



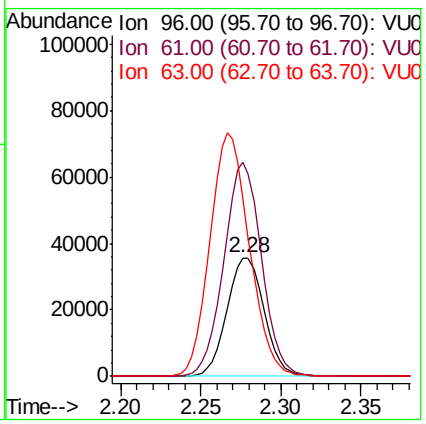


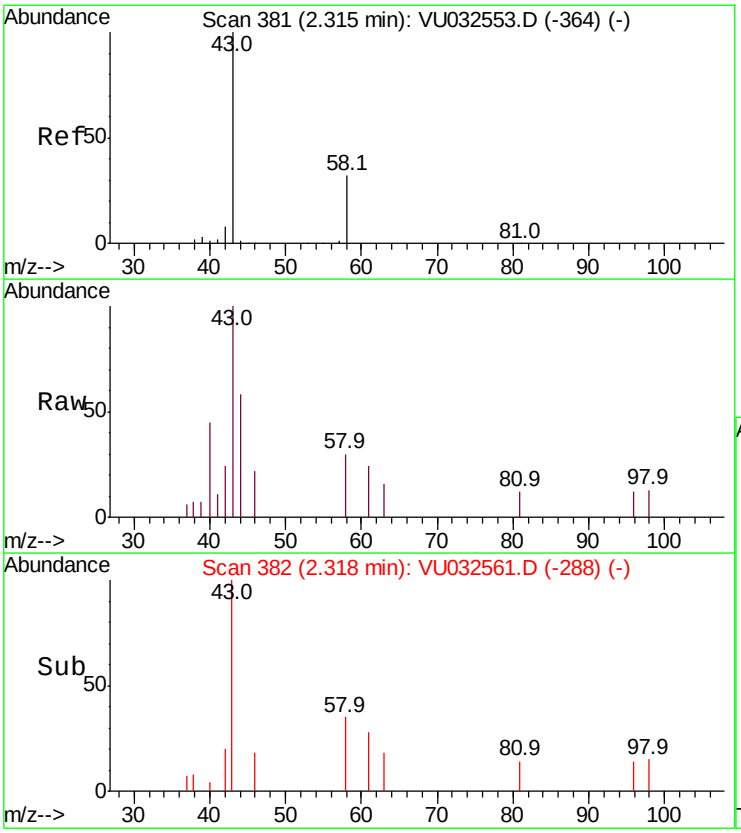
#12
1,1-Dichloroethene
Concen: 47.532 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Instrument : MSVOA_U
ClientSampleId : DB8C9MS

Tgt Ion: 96 Resp: 56382

Ion	Ratio	Lower	Upper
96	100		
61	180.3	129.5	240.5
63	150.4	103.4	192.0

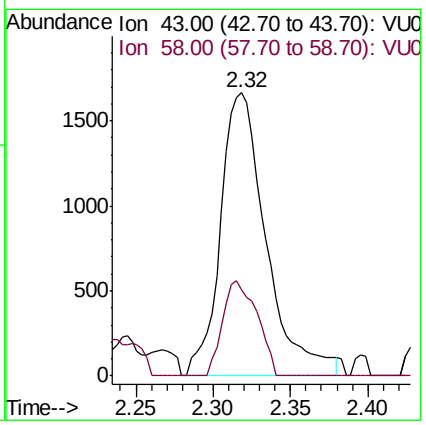


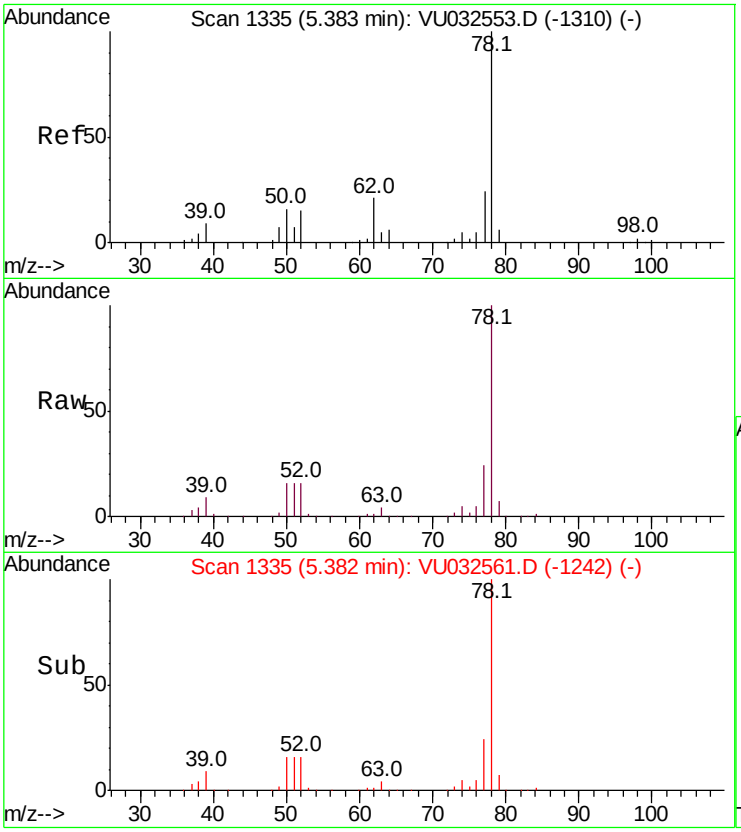


#13
Acetone
Concen: 3.049 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Tgt Ion: 43 Resp: 3415

Ion	Ratio	Lower	Upper
43	100		
58	25.3	0.0	64.0

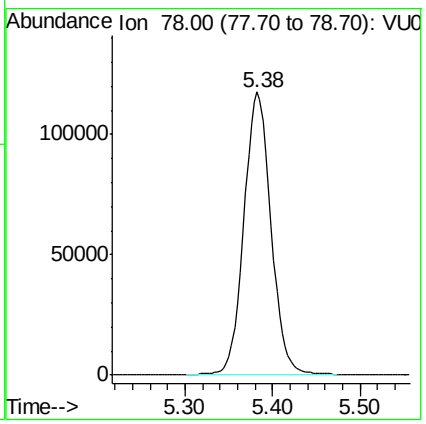


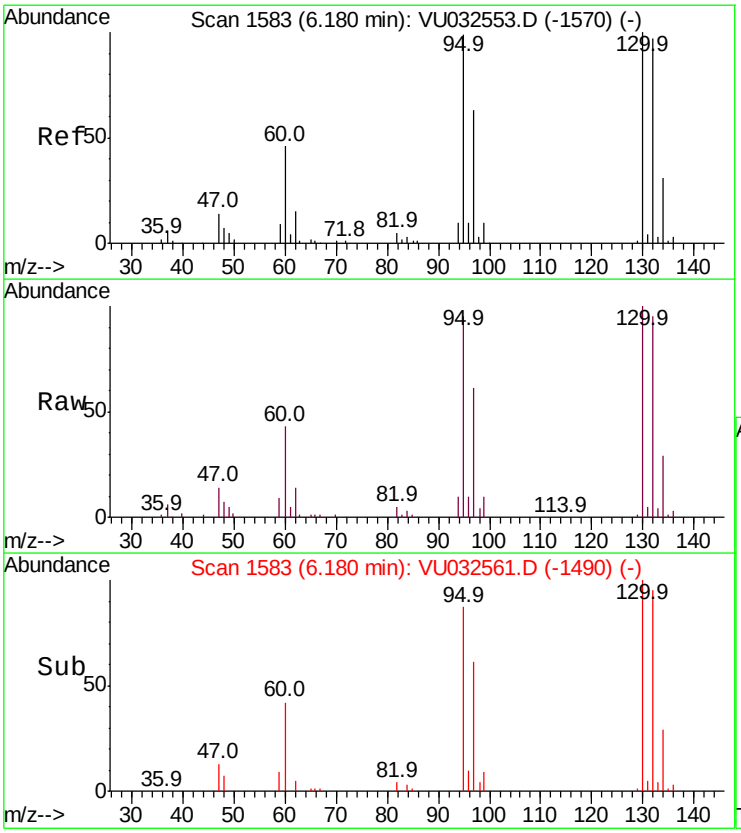


#33
Benzene
Concen: 47.975 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Instrument :
MSVOA_U
ClientSampleId :
DB8C9MS

Tgt Ion: 78 Resp: 253208

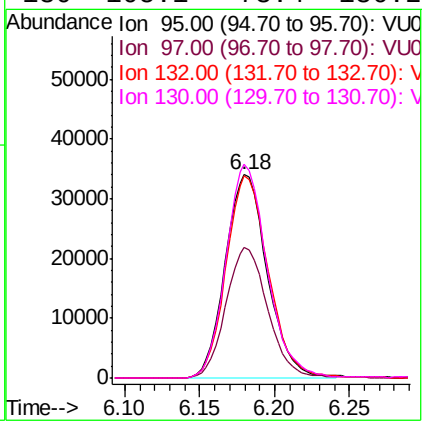


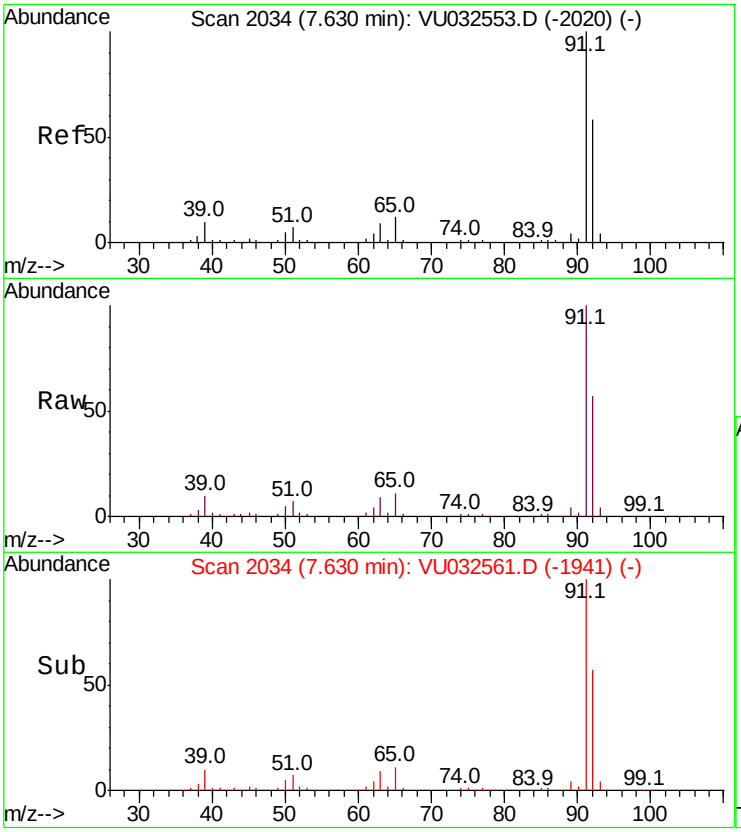


#34
Trichloroethene
Concen: 46.433 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Tgt Ion: 95 Resp: 66674

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.8	85.2
132	99.4	71.0	131.8
130	105.1	73.4	136.2



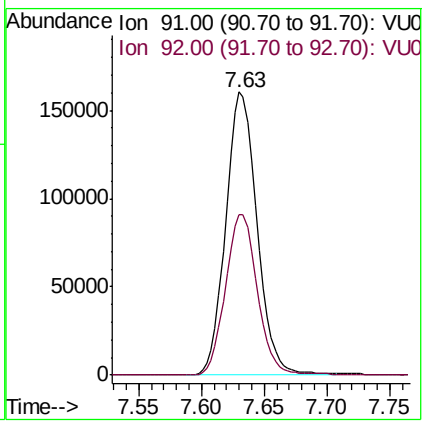


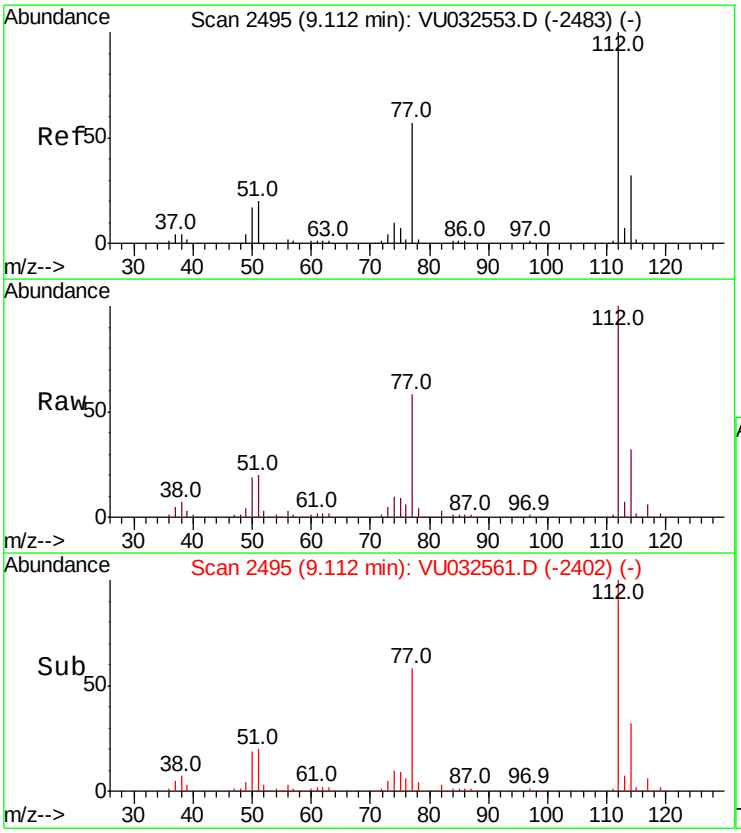
#42
Toluene
Concen: 48.160 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Instrument : MSVOA_U
ClientSampleId : DB8C9MS

Tgt Ion: 91 Resp: 278371

Ion	Ratio	Lower	Upper
91	100		
92	56.8	39.7	73.7

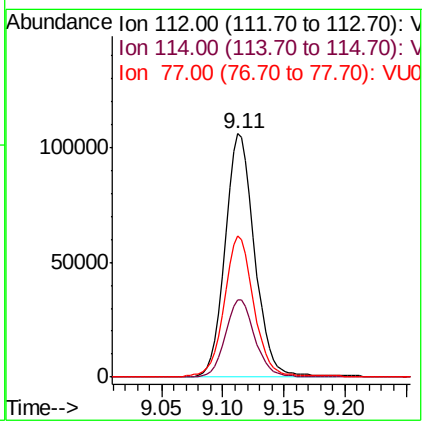


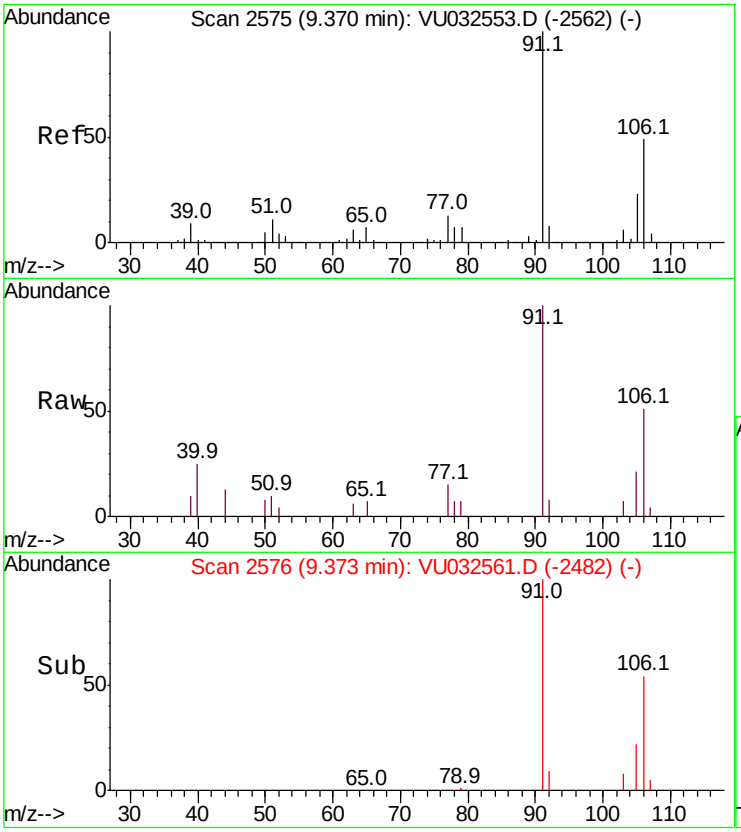


#51
Chlorobenzene
Concen: 48.154 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Tgt Ion:112 Resp: 179326

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	58.2	46.1	69.1





#53
m,p-Xylene
Concen: 1.070 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032561.D
Acq: 10 Jun 2019 13:20

Tgt Ion:106 Resp: 2621

Ion	Ratio	Lower	Upper
106	100		
91	196.0	141.7	263.1

Instrument :
MSVOA_U
ClientSampleId :
DB8C9MS