Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\
Data File : VU032562.D
Acq On : 10 Jun 2019 13:43
Operator : JC/SP
Sample : K3278-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C9MSD

Quant Time: Jun 11 05:25:15 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	200859	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97111	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	65126	49.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.94%			
7) Chloroethane-d5	1.67	69	53074	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.36%			
11) 1,1-Dichloroethene-d2	2.27	63	125604	49.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.46%			
21) 2-Butanone-d5	4.17	46	111663	102.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.39%			
24) Chloroform-d	4.64	84	119970	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.72%			
26) 1,2-Dichloroethane-d4	5.30	65	82115	53.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.26%			
32) Benzene-d6	5.33	84	251729	51.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.78%			
36) 1,2-Dichloropropane-d6	6.32	67	79910	52.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.06%			
41) Toluene-d8	7.56	98	236772	51.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.94%			
43) trans-1,3-Dichloropropene-	7.85	79	38483	52.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.72%			
47) 2-Hexanone-d5	8.31	63	75422	102.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111242	50.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.94%			
64) 1,2-Dichlorobenzene-d4	11.85	152	99862	53.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.38%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	57427	48.183	ug/L	92
13) Acetone	2.32	43	3384	3.007	ug/L	88
33) Benzene	5.38	78	259266	49.379	ug/L	100
34) Trichloroethene	6.18	95	67208	47.049	ug/L	98
42) Toluene	7.63	91	287618	50.019	ug/L	99
51) Chlorobenzene	9.11	112	181651	49.033	ug/L	99
53) m,p-Xylene	9.38	106	2415	0.991	ug/L	88

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

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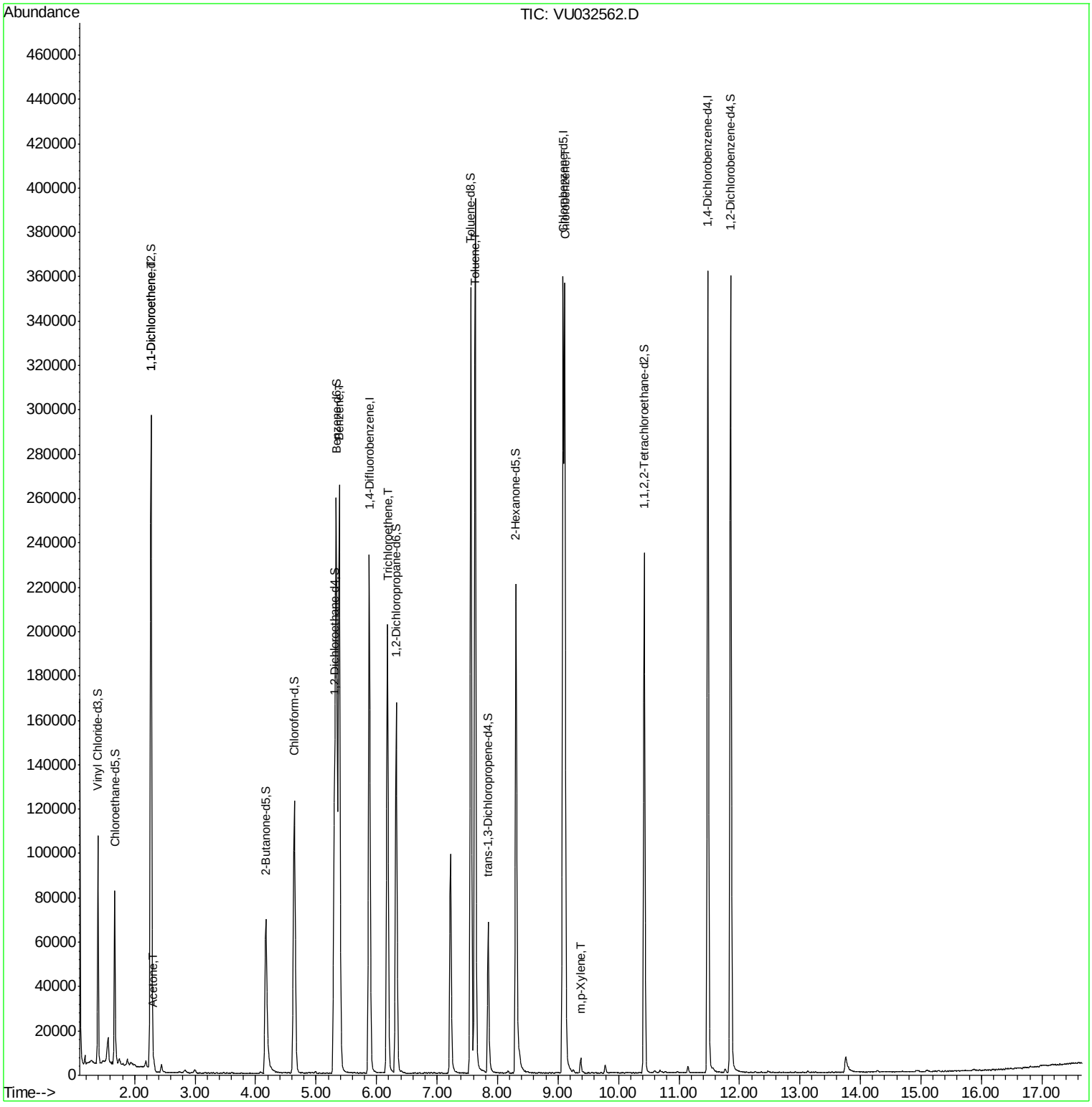
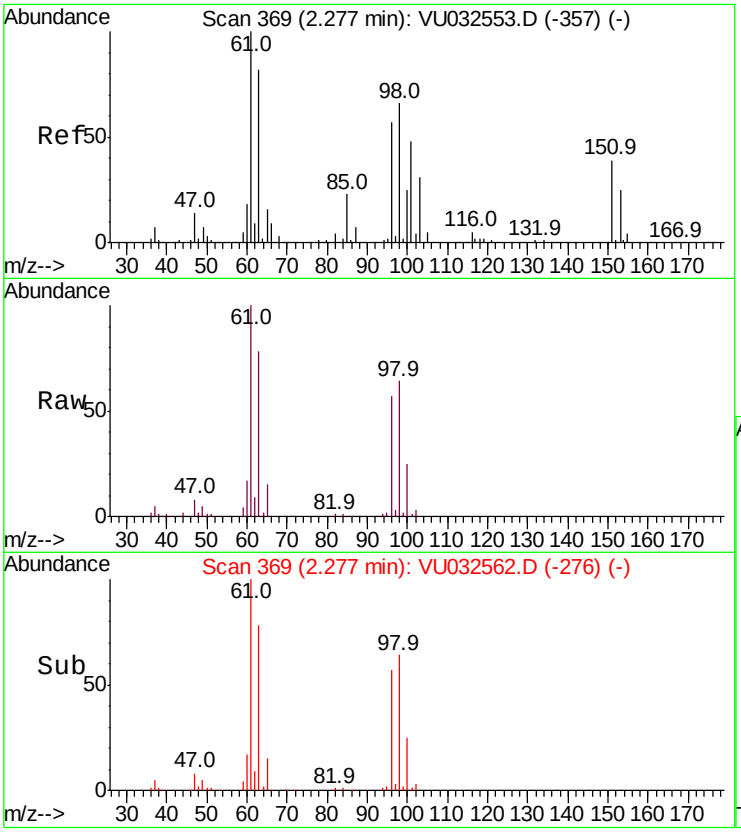


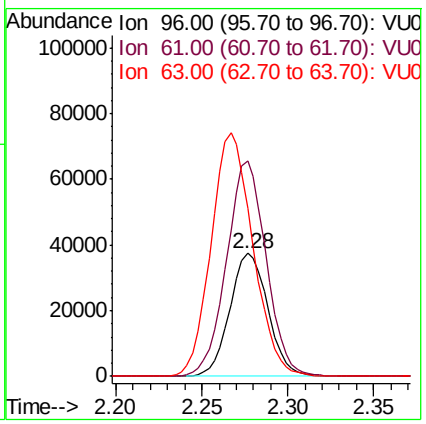


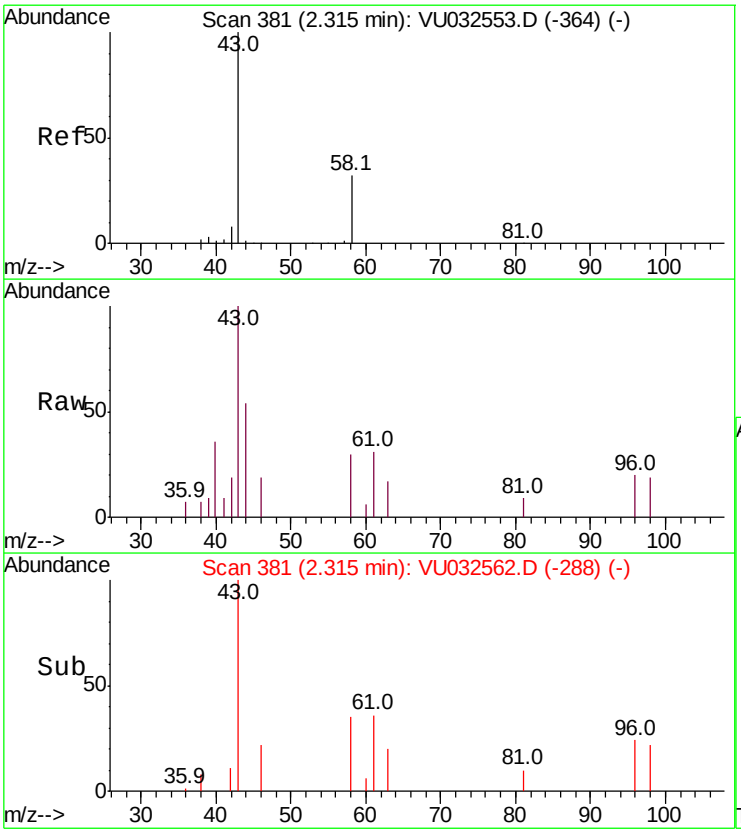
#12
1,1-Dichloroethene
Concen: 48.183 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Instrument : MSVOA_U
ClientSampleId : DB8C9MSD

Tgt Ion: 96 Resp: 57427

Ion	Ratio	Lower	Upper
96	100		
61	175.4	129.5	240.5
63	136.8	103.4	192.0

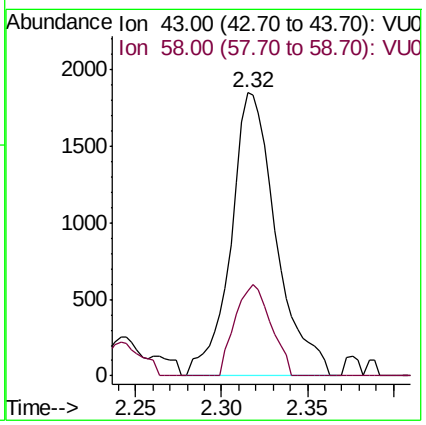


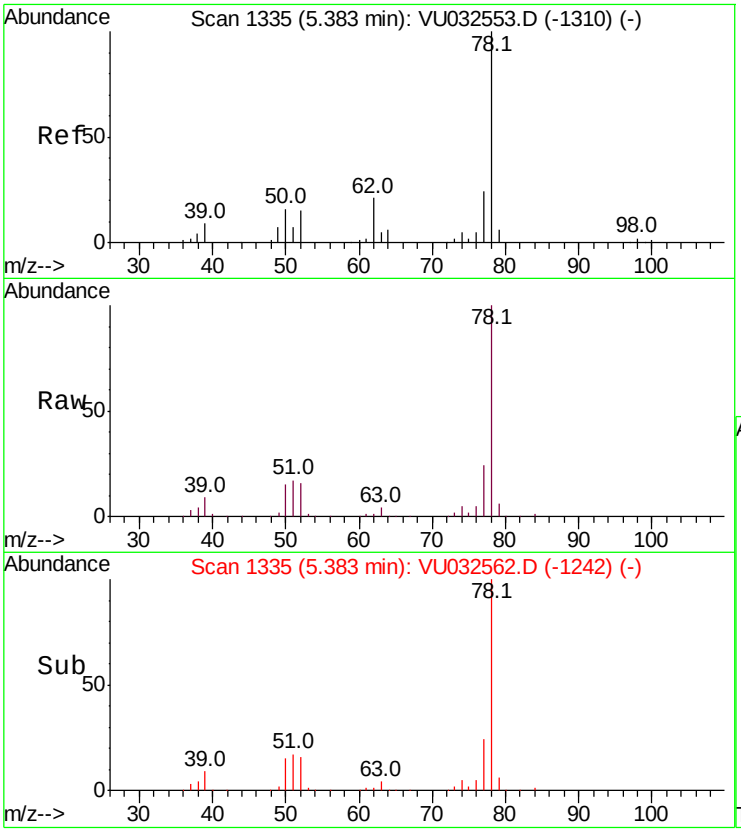


#13
Acetone
Concen: 3.007 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Tgt Ion: 43 Resp: 3384

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	64.0

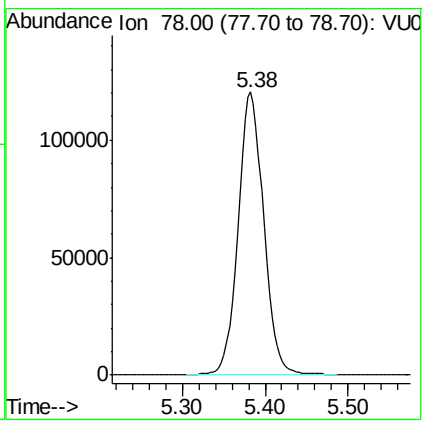


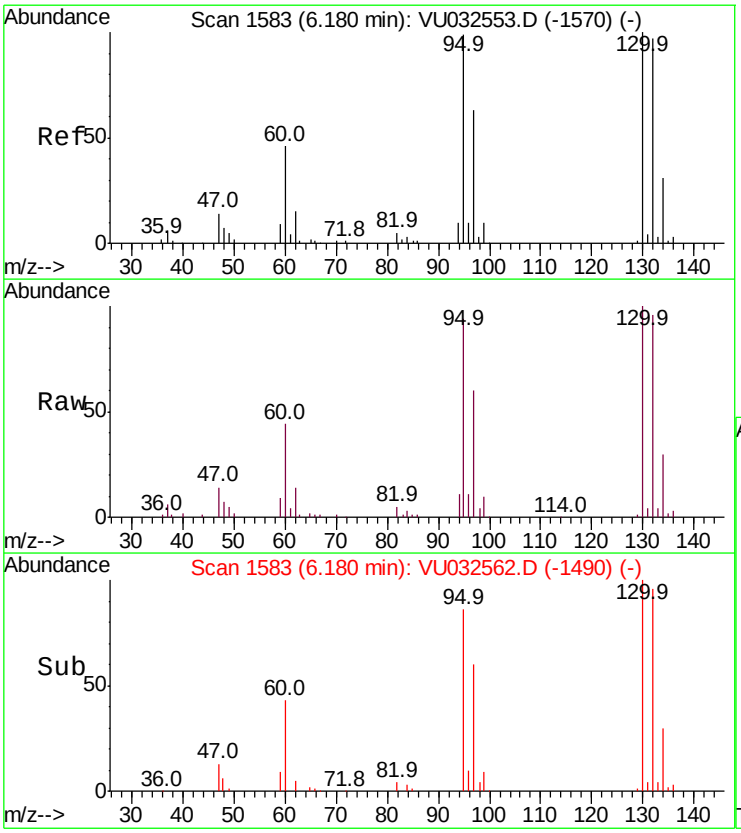


#33
Benzene
Concen: 49.379 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB8C9MSD

Tgt Ion: 78 Resp: 259266

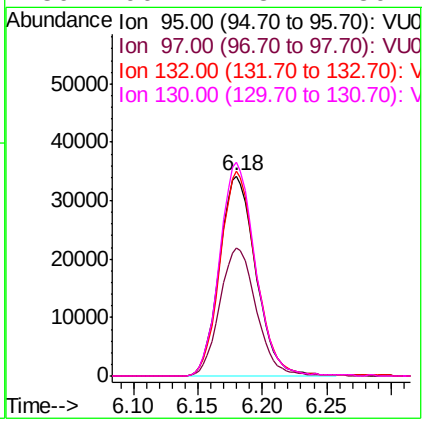


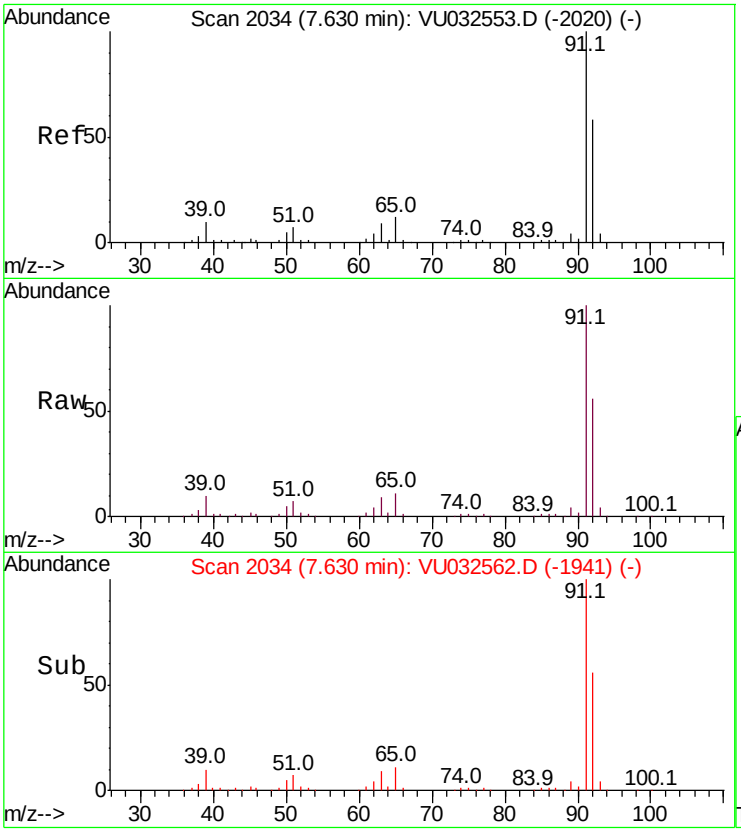


#34
Trichloroethene
Concen: 47.049 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Tgt Ion: 95 Resp: 67208

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.8	85.2
132	102.6	71.0	131.8
130	106.7	73.4	136.2



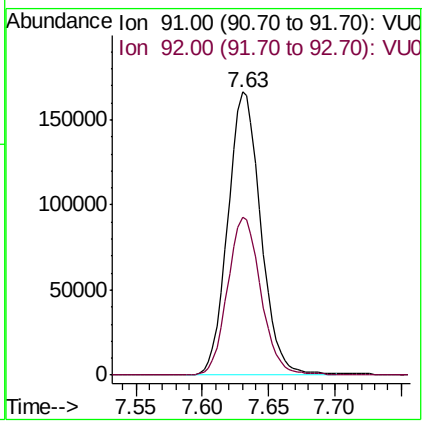


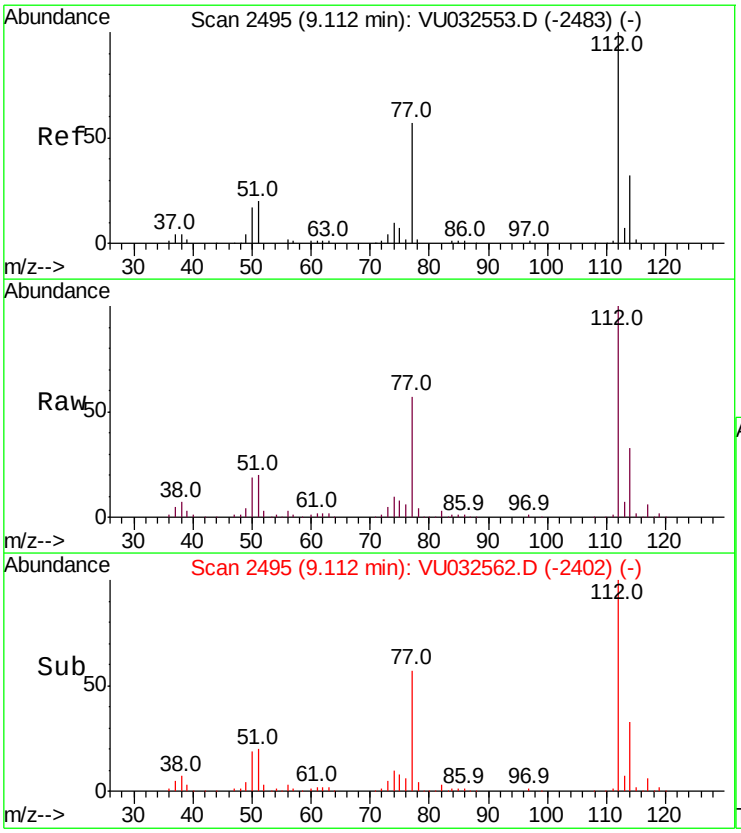
#42
Toluene
Concen: 50.019 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Instrument : MSVOA_U
ClientSampleId : DB8C9MSD

Tgt Ion: 91 Resp: 287618

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.7	73.7

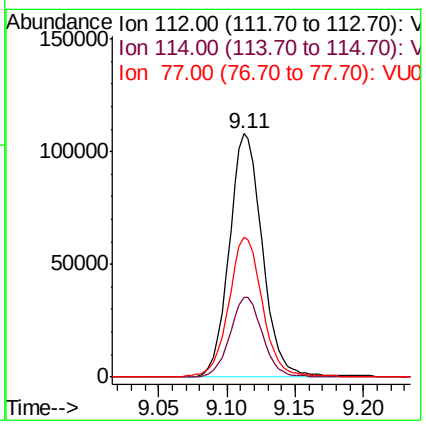


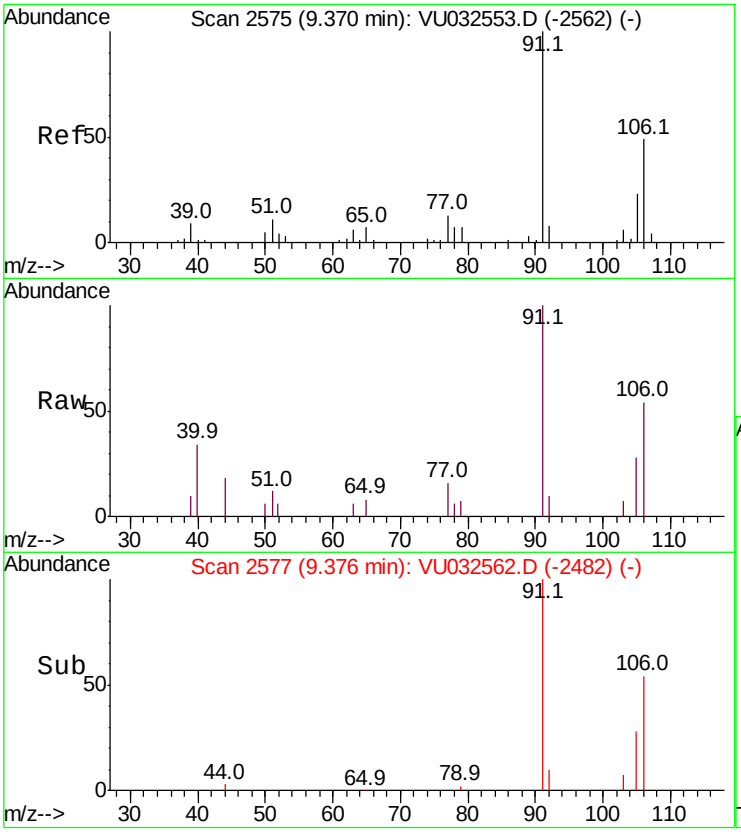


#51
Chlorobenzene
Concen: 49.033 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Tgt Ion:112 Resp: 181651

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.6	42.0
77	57.3	46.1	69.1





#53
m,p-Xylene
Concen: 0.991 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU032562.D
Acq: 10 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB8C9MSD

Tgt Ion:106 Resp: 2415

Ion	Ratio	Lower	Upper
106	100		
91	184.3	141.7	263.1