Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033654.D
Acq On : 08 Aug 2019 21:38
Operator : JC/SP
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B25

Quant Time: Aug 09 07:45:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299249	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139157	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	143292	42.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.84%			
7) Chloroethane-d5	1.67	69	119938	41.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.90%			
11) 1,1-Dichloroethene-d2	2.26	63	182921	33.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.00%			
21) 2-Butanone-d5	4.15	46	210922	85.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.25%			
24) Chloroform-d	4.62	84	206263	36.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.70%			
26) 1,2-Dichloroethane-d4	5.29	65	148762	41.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.42%			
32) Benzene-d6	5.32	84	469524	41.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.24%			
36) 1,2-Dichloropropane-d6	6.31	67	151506	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.48%			
41) Toluene-d8	7.55	98	418205	40.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	7.83	79	68933	39.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.54%			
47) 2-Hexanone-d5	8.29	63	168671	93.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.93%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	230518	41.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.18%			
64) 1,2-Dichlorobenzene-d4	11.85	152	158617	41.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.44%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1758	0.793	ug/L #	19
13) Acetone	2.31	43	4063	2.414	ug/L	99
25) Chloroform	4.65	83	23475	5.208	ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	4349	1.132	ug/L #	73
42) Toluene	7.62	91	41105	4.014	ug/L	98
48) 2-Hexanone	8.29	43	19503	6.318	ug/L #	69
53) m,p-Xylene	9.36	106	5955	1.428	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	16803	4.768	ug/L	92

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

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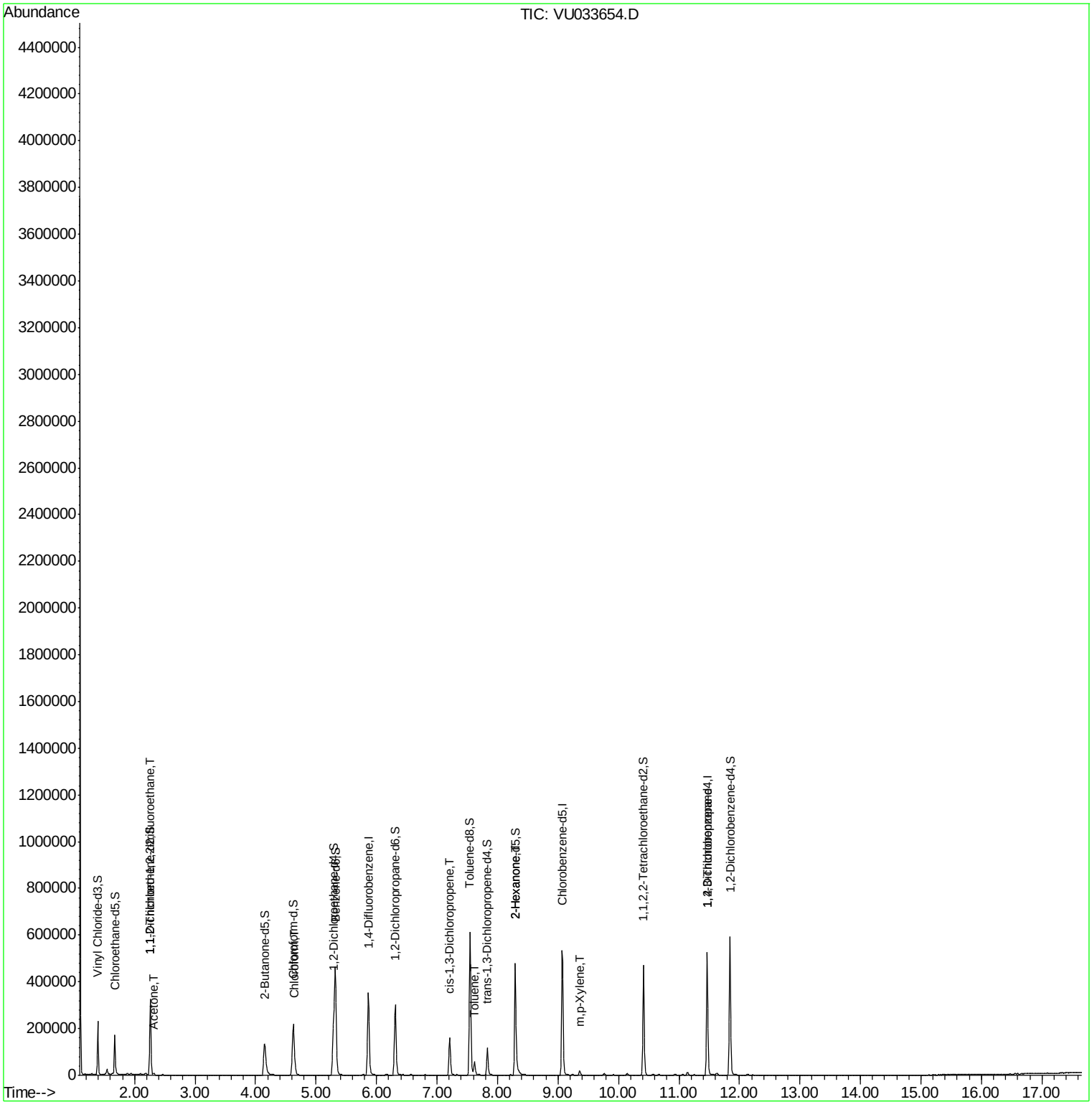
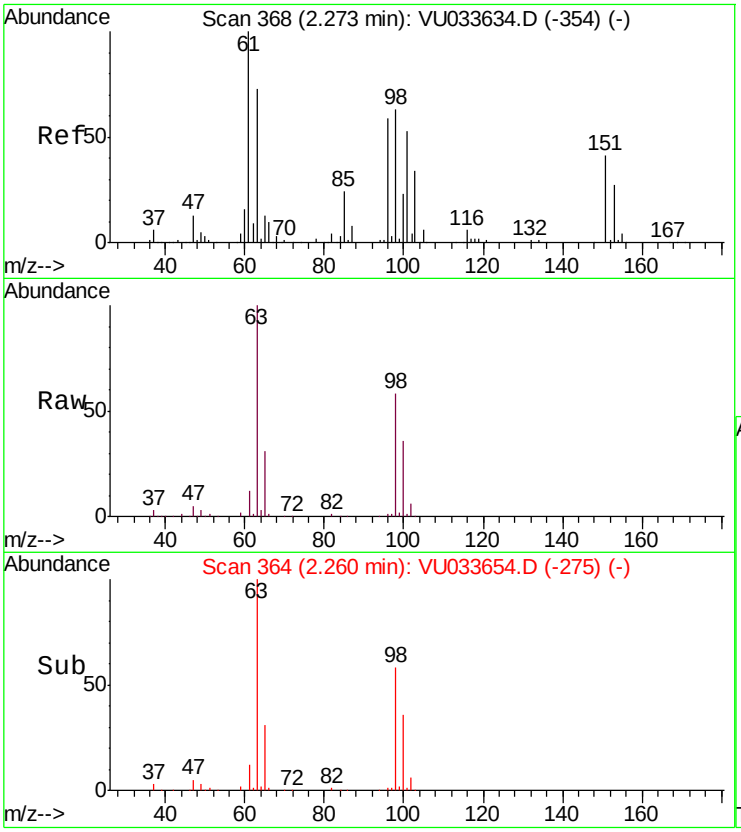
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B25

Quant Time: Aug 09 07:45:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration



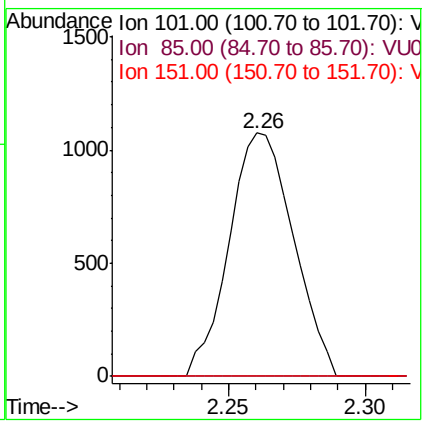


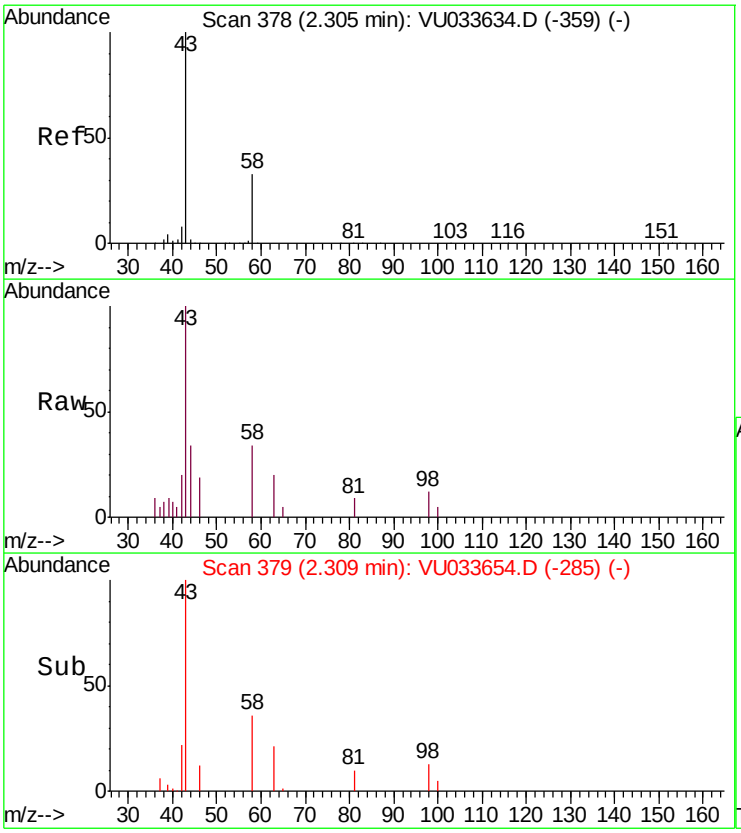
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.793 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Instrument : MSVOA_U
ClientSampleId : F2B25

Tgt Ion:101 Resp: 1758

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	60.4	90.6#

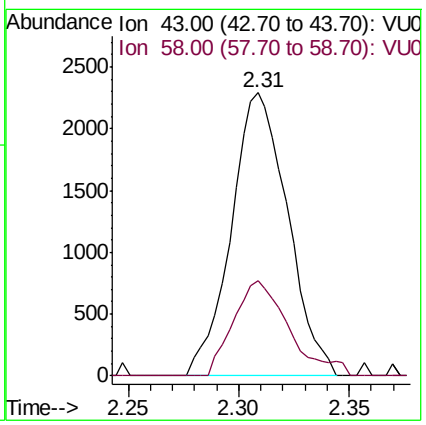


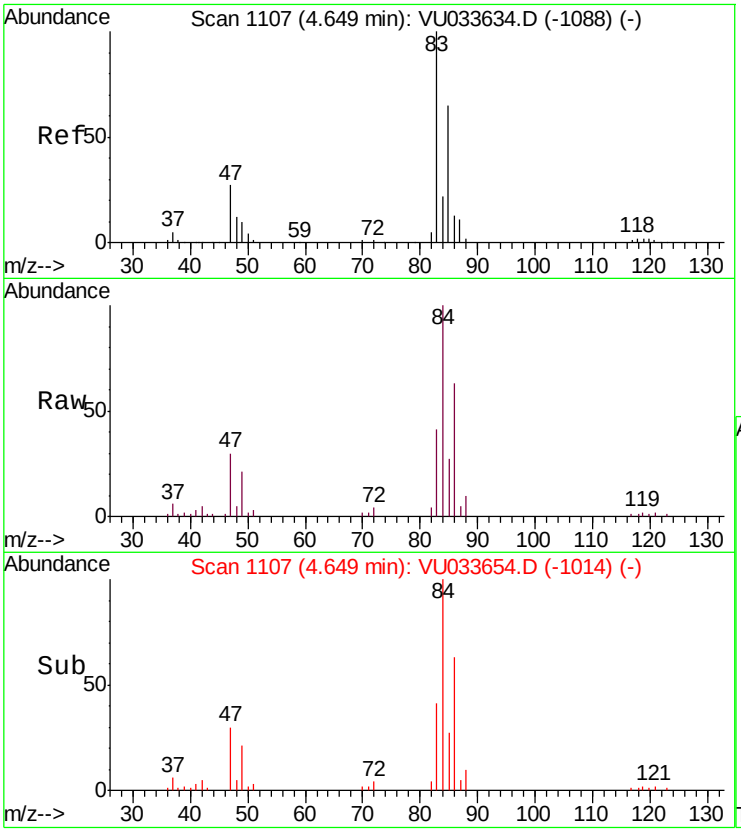


#13
Acetone
Concen: 2.414 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Tgt Ion: 43 Resp: 4063

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	65.0



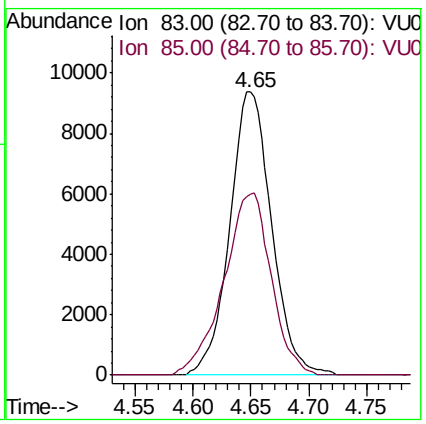


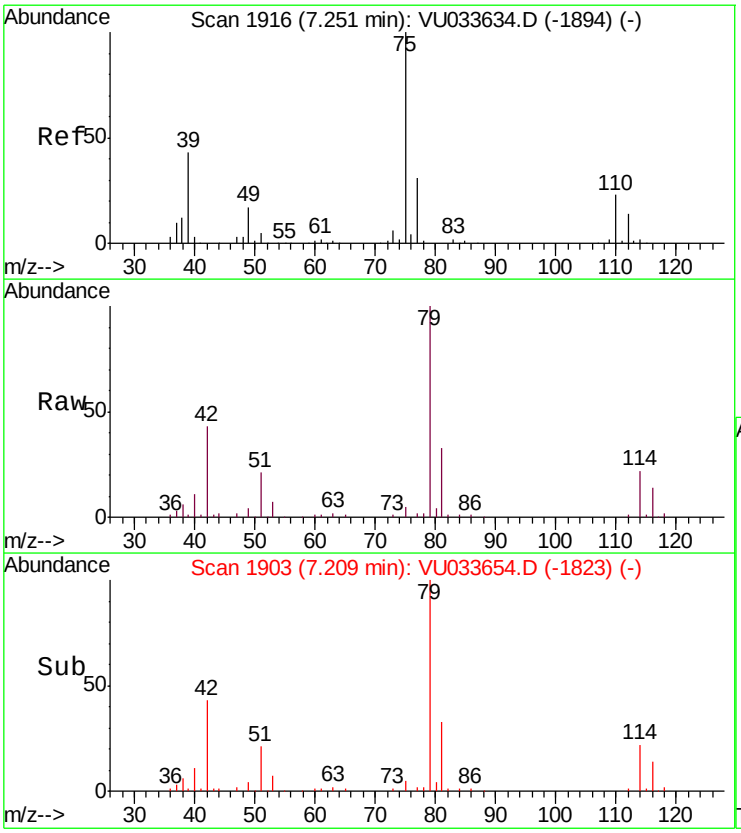
#25
Chloroform
Concen: 5.208 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
F2B25

Tgt Ion: 83 Resp: 23475

Ion	Ratio	Lower	Upper
83	100		
85	64.0	47.2	87.6

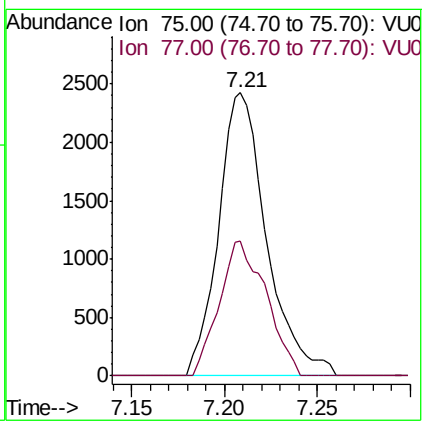


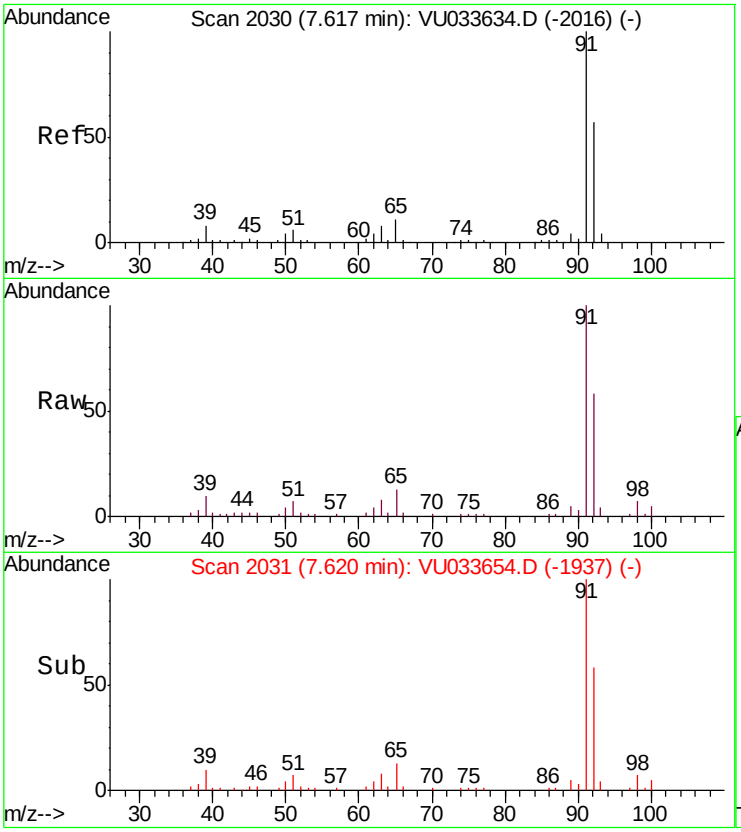


#39
cis-1,3-Dichloropropene
Concen: 1.132 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Tgt Ion: 75 Resp: 4349

Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.5	41.9#



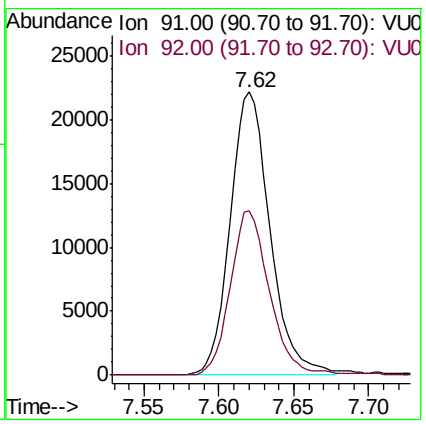


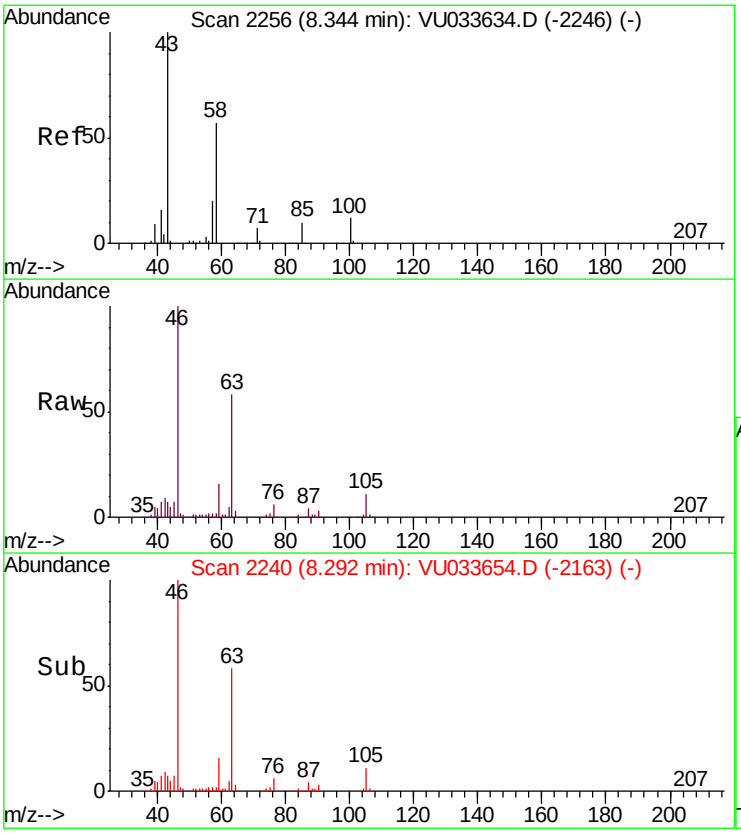
#42
Toluene
Concen: 4.014 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Instrument : MSVOA_U
ClientSampleId : F2B25

Tgt Ion: 91 Resp: 41105

Ion	Ratio	Lower	Upper
91	100		
92	58.1	39.6	73.6

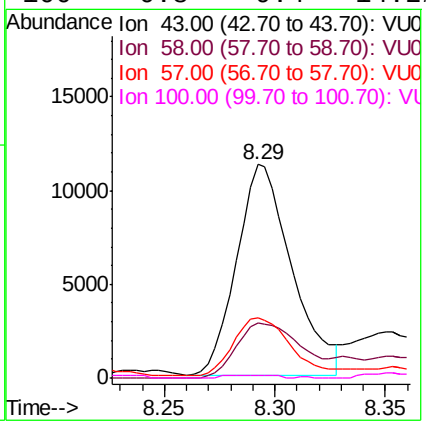


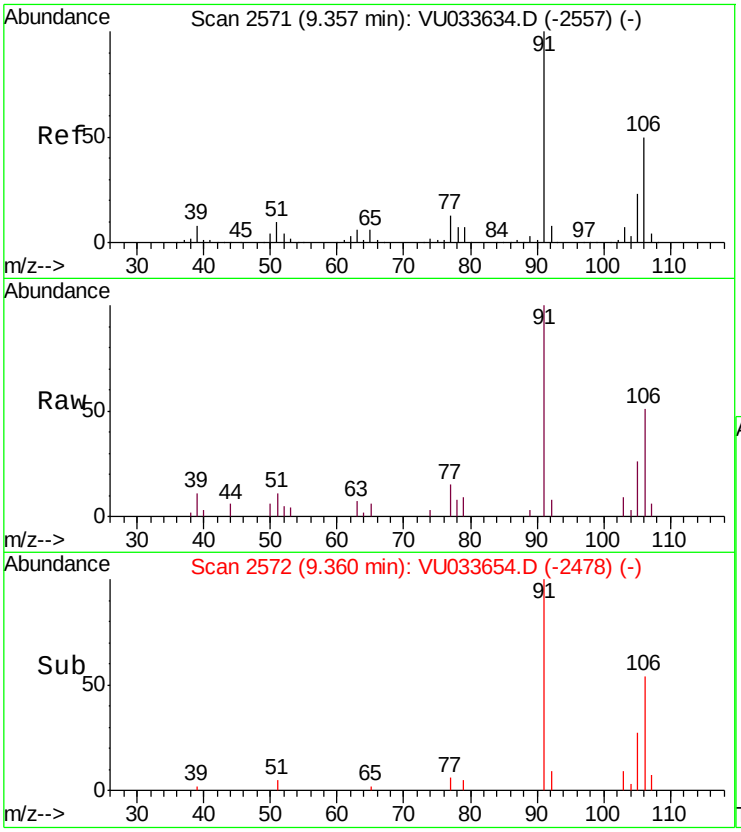


#48
2-Hexanone
Concen: 6.318 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Tgt Ion: 43 Resp: 19503

Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.8	67.2#
57	28.4	15.5	23.3#
100	0.8	9.4	14.2#



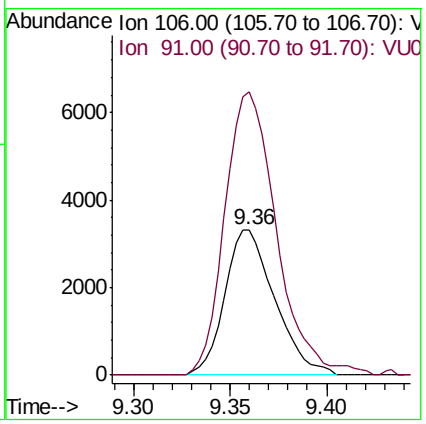


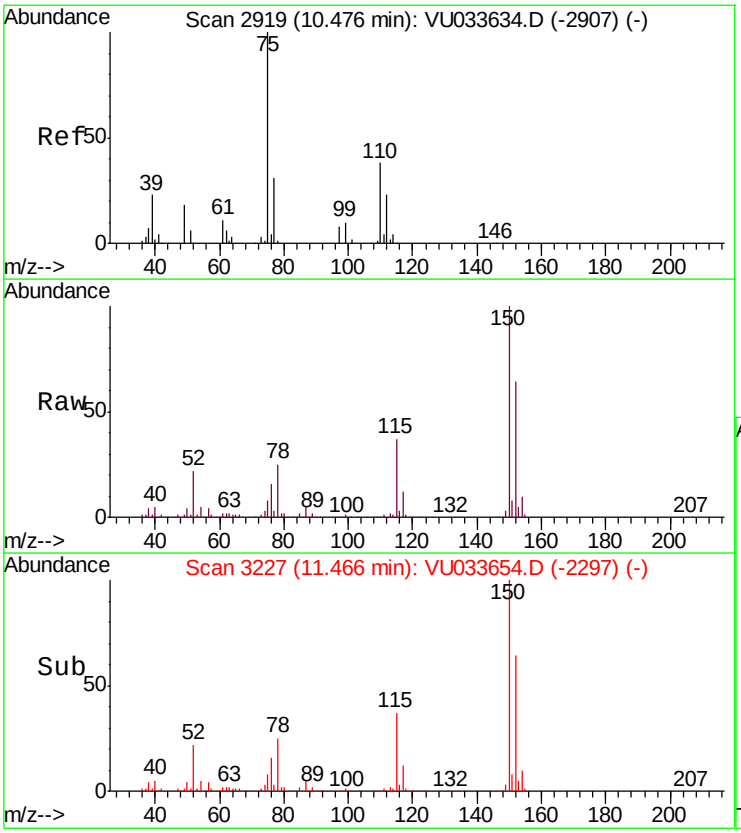
#53
m,p-Xylene
Concen: 1.428 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
F2B25

Tgt Ion:106 Resp: 5955

Ion	Ratio	Lower	Upper
106	100		
91	194.3	138.5	257.3





#59
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033654.D
Acq: 08 Aug 2019 21:38

Tgt Ion: 75 Resp: 16803

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.5	38.3