Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

Quantitation Report (Not Reviewed)

Data File : VU034781.D
Acq On : 24 Sep 2019 19:09
Operator : JC/SP
Sample : K4993-03MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOH7MS

Quant Time: Sep 25 03:05:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	581911	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	539004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	242307	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	209703	35.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.40%			
7) Chloroethane-d5	1.67	69	194272	42.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.38%			
11) 1,1-Dichloroethene-d2	2.26	63	410095	40.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.30%			
21) 2-Butanone-d5	4.15	46	454311	99.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.50%			
24) Chloroform-d	4.62	84	394656	45.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.14%			
26) 1,2-Dichloroethane-d4	5.29	65	280264	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.04%			
32) Benzene-d6	5.32	84	838072	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.32%			
36) 1,2-Dichloropropane-d6	6.31	67	294298	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.80%			
41) Toluene-d8	7.54	98	789287	49.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.32%			
43) trans-1,3-Dichloropropene-	7.83	79	126378	45.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.38%			
47) 2-Hexanone-d5	8.29	63	310522	105.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.88%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	400376	49.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.82%			
64) 1,2-Dichlorobenzene-d4	11.84	152	271561	53.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.90%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3133	0.790	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	186010	48.857	ug/L	77
27) 1,2-Dichloroethane	5.37	62	7639	0.940	ug/L #	81
33) Benzene	5.36	78	908407	48.594	ug/L	100
34) Trichloroethene	6.16	95	221628	48.005	ug/L	95
42) Toluene	7.61	91	980374	48.526	ug/L	99
48) 2-Hexanone	8.30	43	72139	8.691	ug/L #	53
51) Chlorobenzene	9.10	112	596893	48.602	ug/L	97
59) 1,2,3-Trichloropropane	11.46	75	33125	4.765	ug/L	92

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

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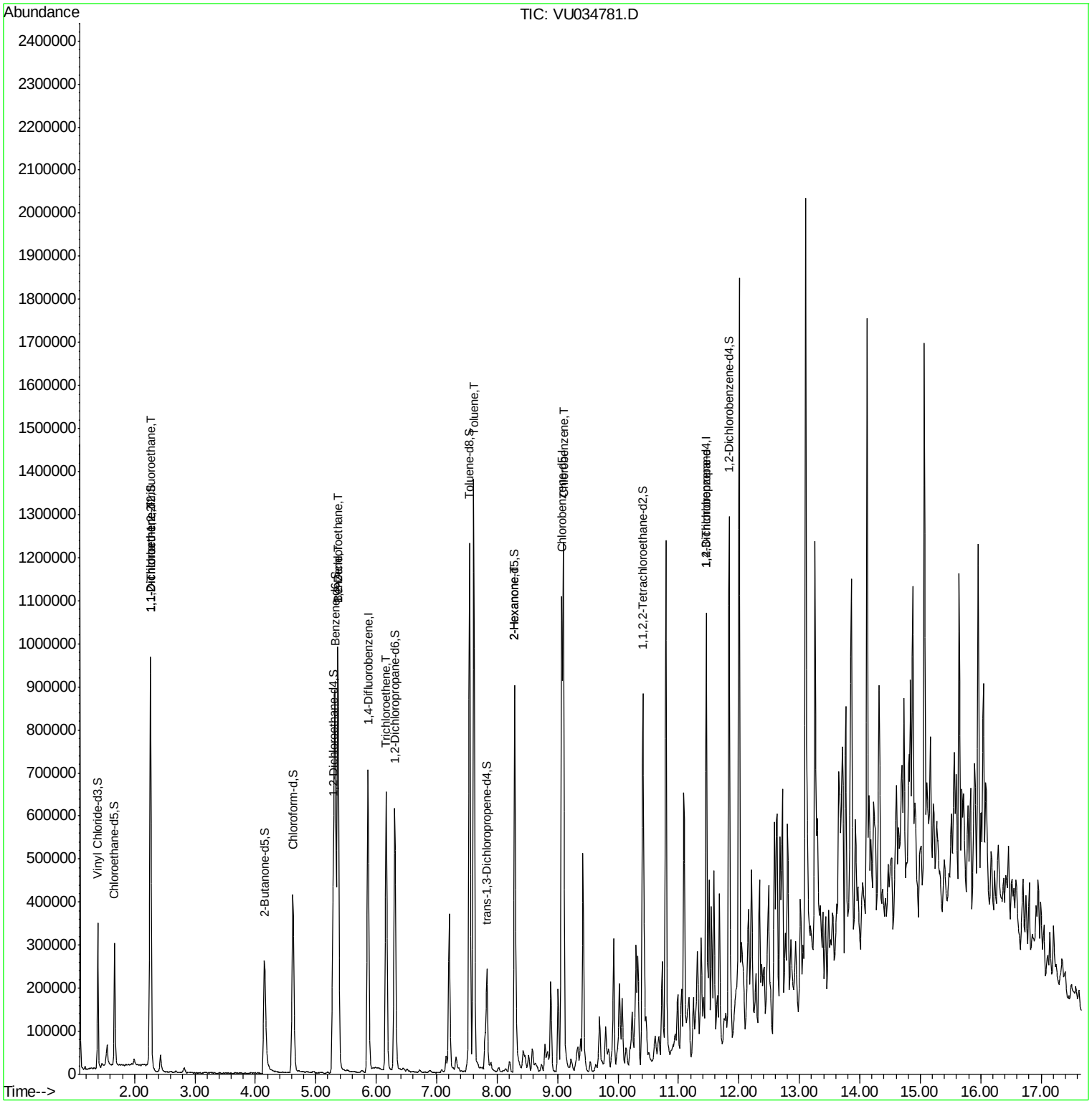
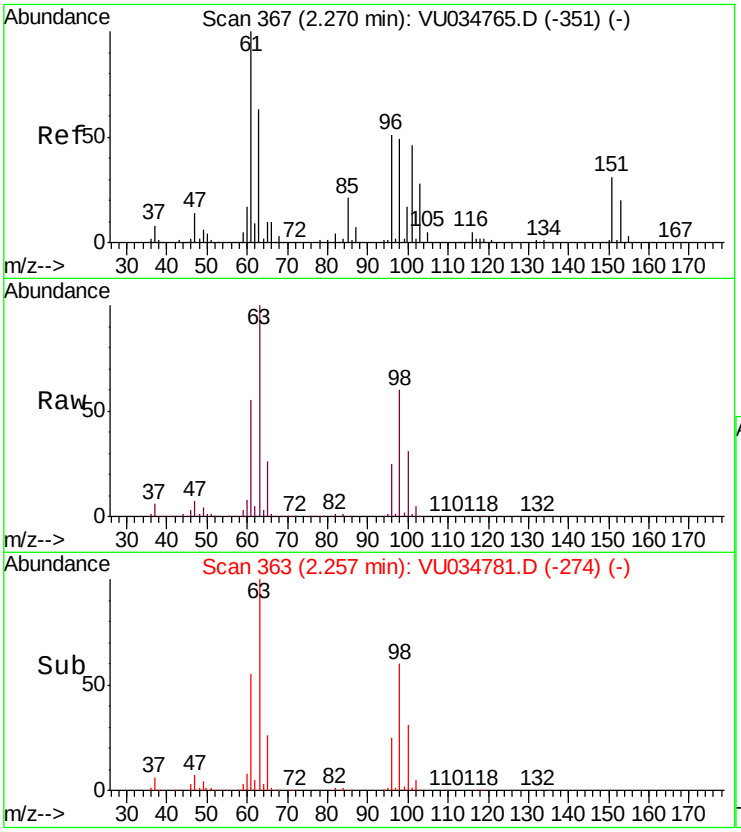


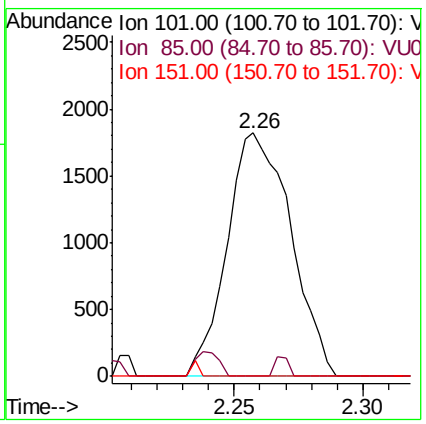


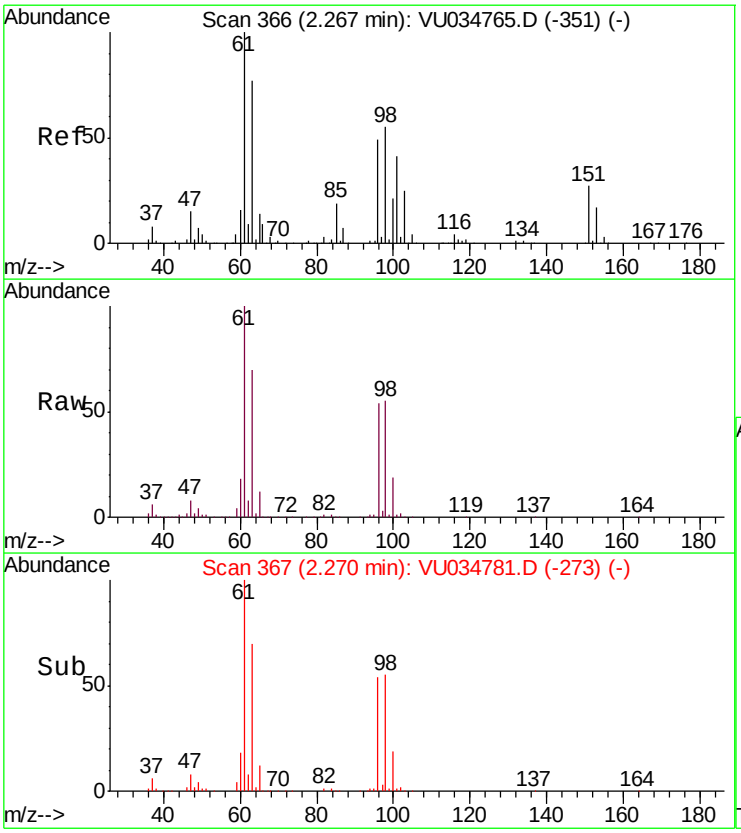
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.790 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Instrument :
MSVOA_U
ClientSampleId :
ETOH7MS

Tgt Ion:101 Resp: 3133

Ion	Ratio	Lower	Upper
101	100		
85	1.8	39.0	58.4#
151	0.0	52.8	79.2#

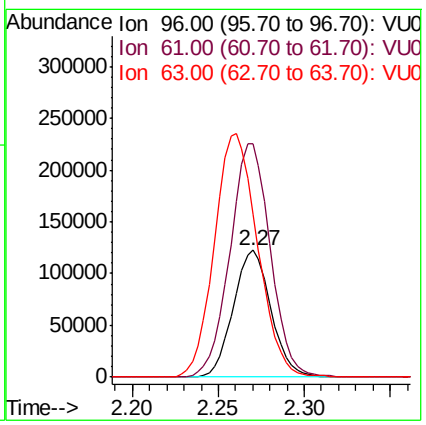


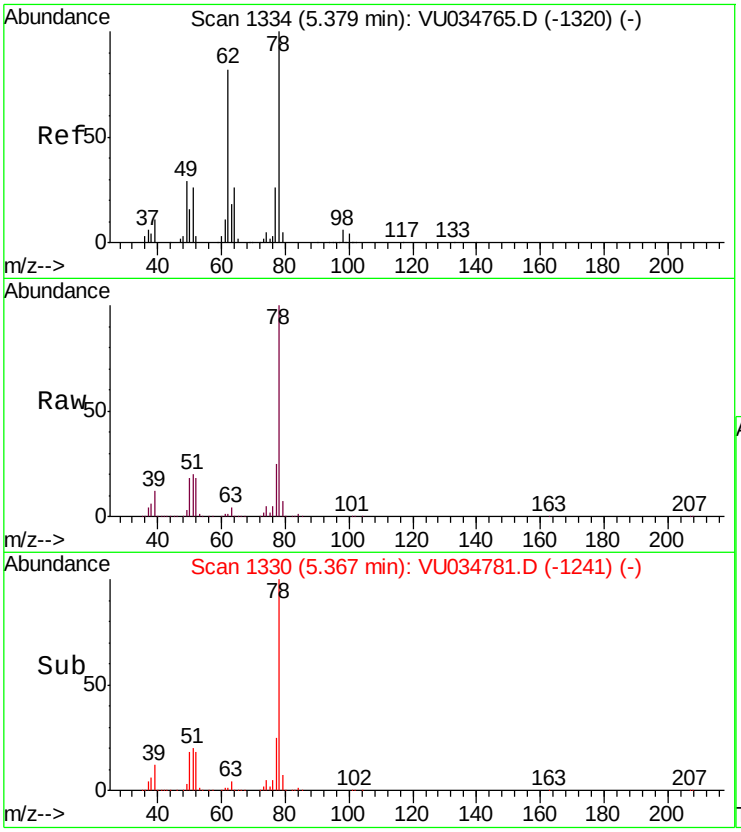


#12
1,1-Dichloroethene
Concen: 48.857 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Tgt Ion: 96 Resp: 186010

Ion	Ratio	Lower	Upper
96	100		
61	184.0	153.2	284.4
63	129.1	113.8	211.3



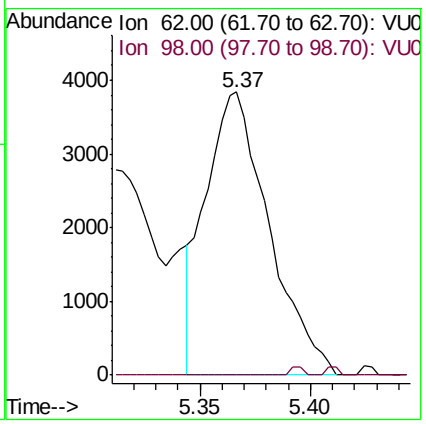


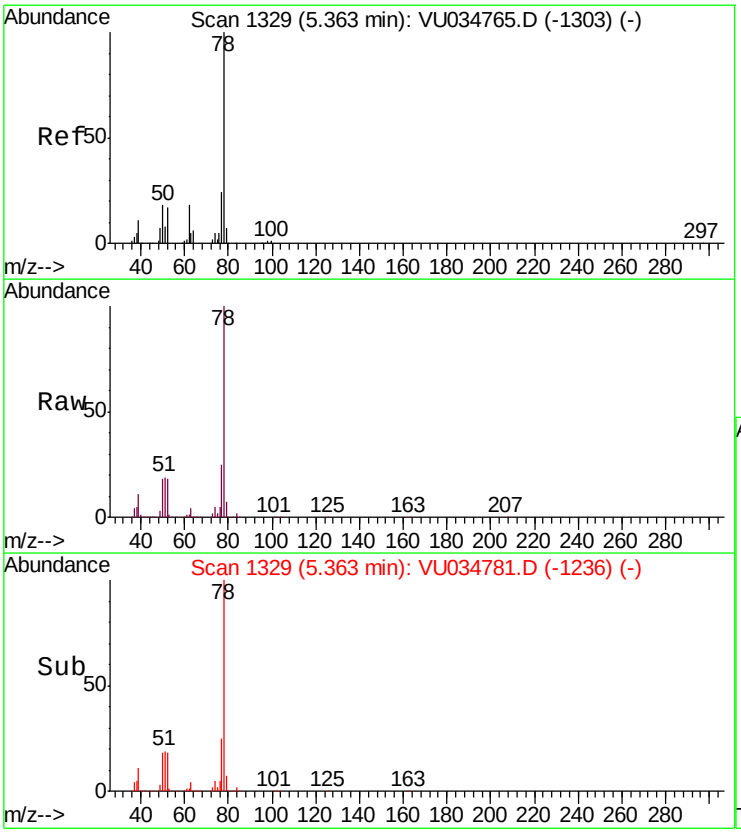
#27
1,2-Dichloroethane
Concen: 0.940 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Instrument :
MSVOA_U
ClientSampleId :
ETOH7MS

Tgt Ion: 62 Resp: 7639

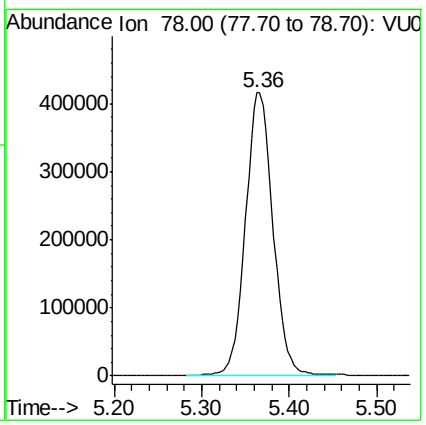
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.3	7.9#

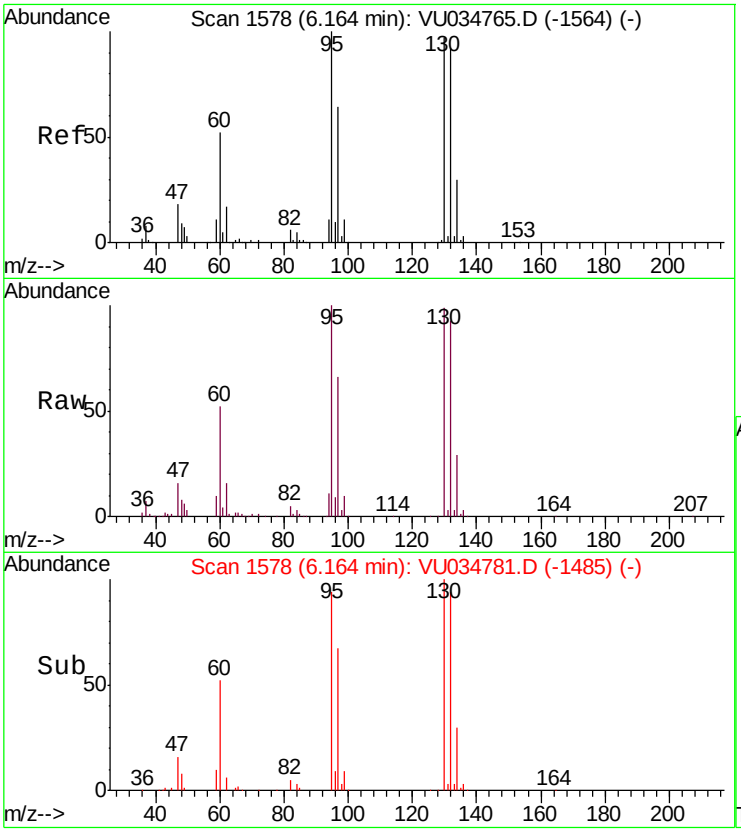




#33
Benzene
Concen: 48.594 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Tgt Ion: 78 Resp: 908407



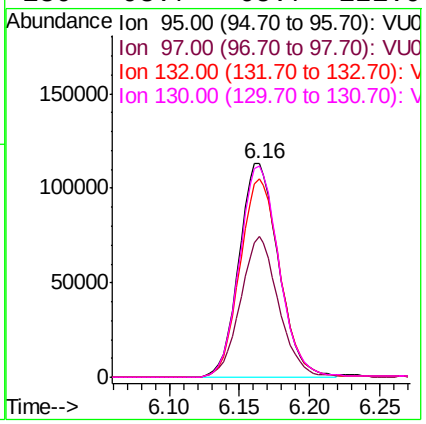


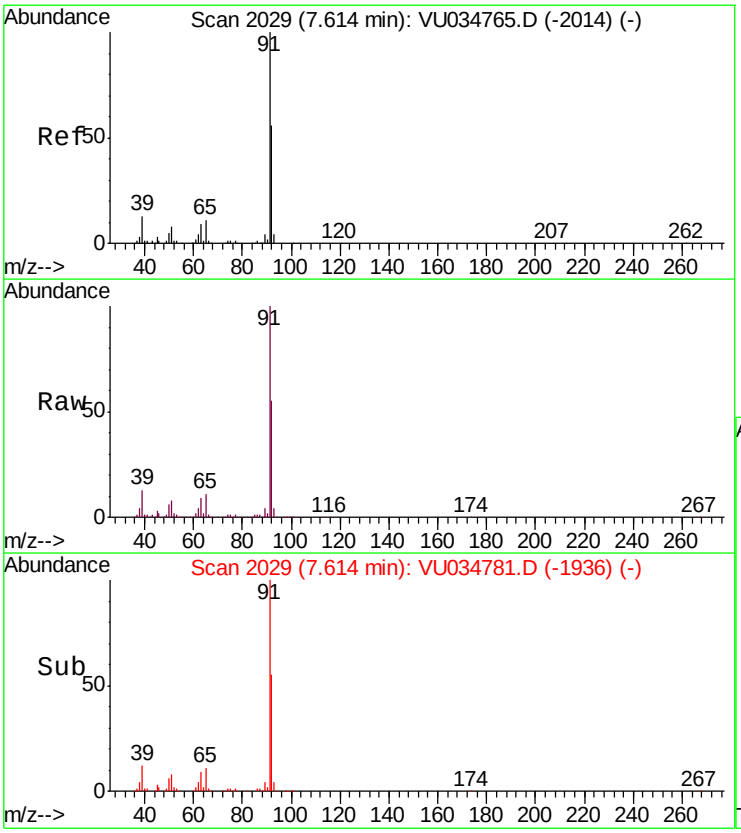
#34
Trichloroethene
Concen: 48.005 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Instrument :
MSVOA_U
ClientSampleId :
ETOH7MS

Tgt Ion: 95 Resp: 221628

Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.7	81.1
132	93.1	61.0	113.2
130	98.7	65.7	121.9

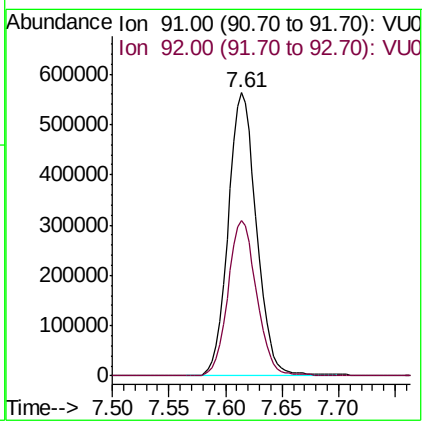


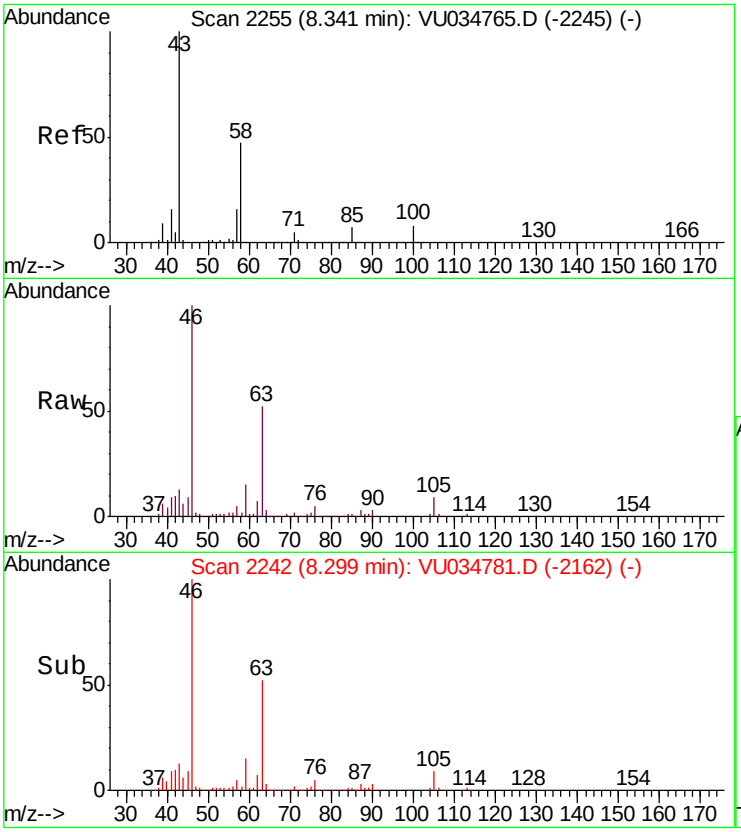


#42
Toluene
Concen: 48.526 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Tgt Ion: 91 Resp: 980374

Ion	Ratio	Lower	Upper
91	100		
92	55.0	38.2	71.0



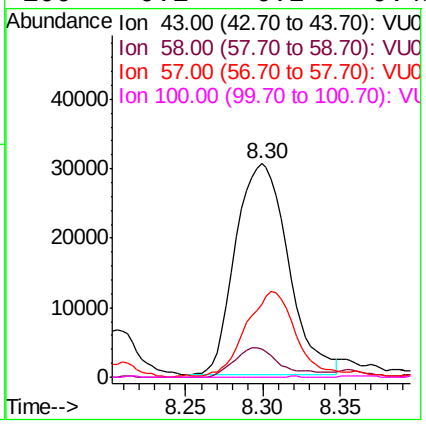


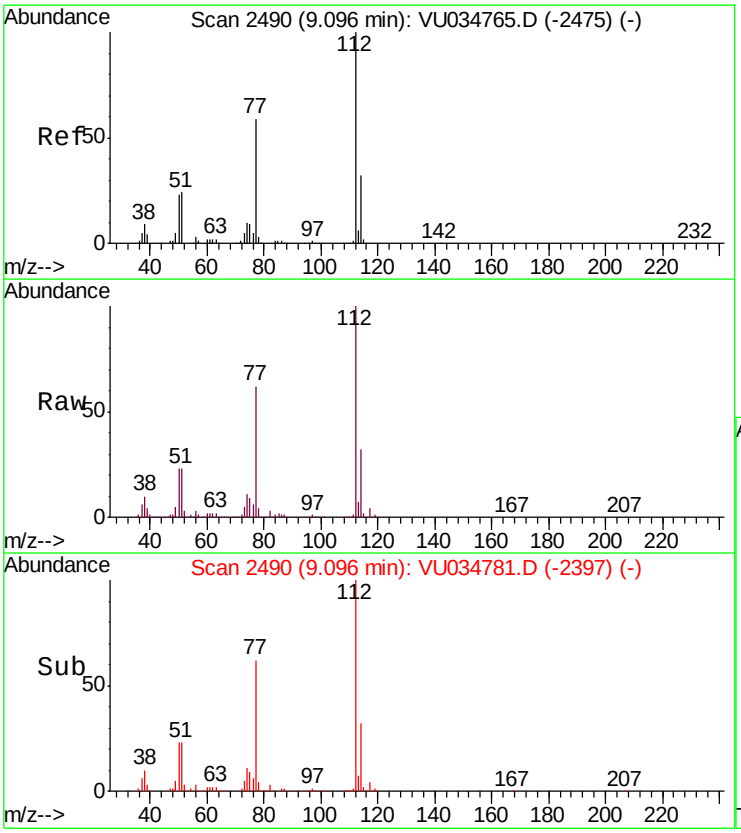
#48
2-Hexanone
Concen: 8.691 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.04 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Instrument :
MSVOA_U
ClientSampleId :
ETOH7MS

Tgt Ion: 43 Resp: 72139

Ion	Ratio	Lower	Upper
43	100		
58	11.5	35.3	52.9#
57	36.7	12.1	18.1#
100	0.1	6.2	9.4#

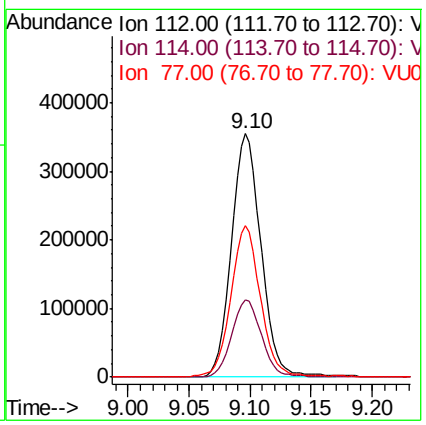


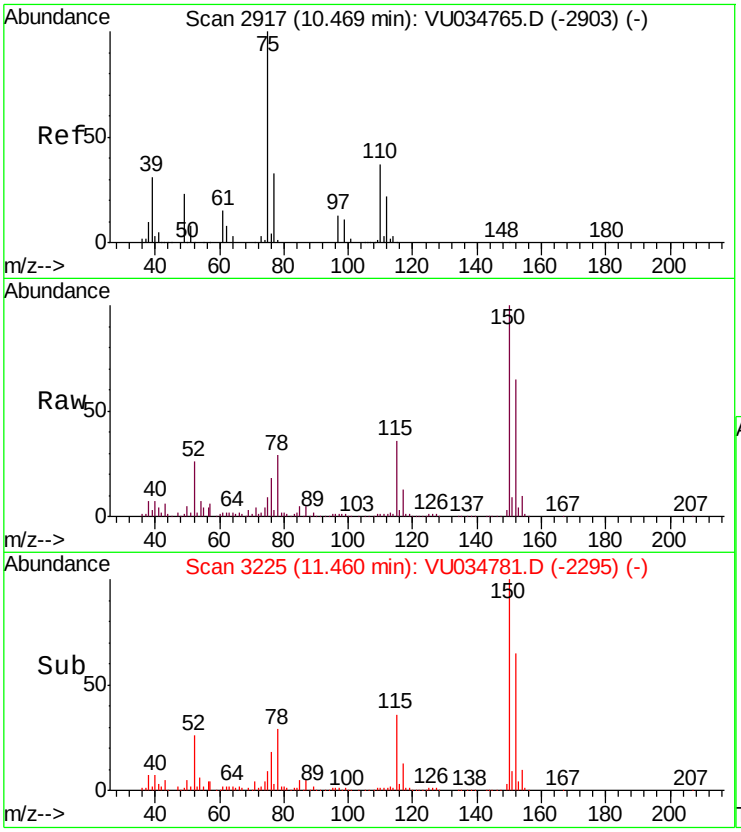


#51
Chlorobenzene
Concen: 48.602 ug/L
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Tgt Ion:112 Resp: 596893

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.8	42.4
77	62.0	51.5	77.3





#59
1,2,3-Trichloropropane
Concen: 4.765 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034781.D
Acq: 24 Sep 2019 19:09

Instrument :
MSVOA_U
ClientSampleId :
ETOH7MS

Tgt Ion: 75 Resp: 33125

Ion	Ratio	Lower	Upper
75	100		
77	35.1	24.6	37.0