Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\

Quantitation Report (Not Reviewed)

Data File : VU034662.D
Acq On : 19 Sep 2019 21:26
Operator : JC/SP
Sample : K4895-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDH8

Quant Time: Sep 20 04:05:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	471011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	453127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	206693	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	227221	47.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.24%			
7) Chloroethane-d5	1.67	69	181751	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.54%			
11) 1,1-Dichloroethene-d2	2.26	63	301972	36.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.96%			
21) 2-Butanone-d5	4.15	46	393712	106.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.53%			
24) Chloroform-d	4.62	84	341989	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.58%			
26) 1,2-Dichloroethane-d4	5.29	65	254137	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.64%			
32) Benzene-d6	5.32	84	702020	49.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.96%			
36) 1,2-Dichloropropane-d6	6.31	67	246217	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.32%			
41) Toluene-d8	7.54	98	657696	49.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.44%			
43) trans-1,3-Dichloropropene-	7.83	79	115245	49.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.04%			
47) 2-Hexanone-d5	8.29	63	255717	103.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.72%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	320143	47.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	217928	50.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.56%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2702	0.842	ug/L #	25
13) Acetone	2.31	43	23528	5.473	ug/L	96
16) Methylene chloride	2.68	84	4818	1.234	ug/L	88
40) 4-Methyl-2-pentanone	7.40	43	106193	11.886	ug/L #	58
42) Toluene	7.62	91	19837	1.168	ug/L	99
48) 2-Hexanone	8.40	43	121659	17.436	ug/L #	1
52) Ethylbenzene	9.23	91	33426	1.748	ug/L	96
53) m,p-Xylene	9.35	106	41632	6.146	ug/L	98
54) o-xylene	9.76	106	37526	5.601	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	10264	1.419	ug/L	95
69) Naphthalene	13.72	128	298642	22.874	ug/L	99

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

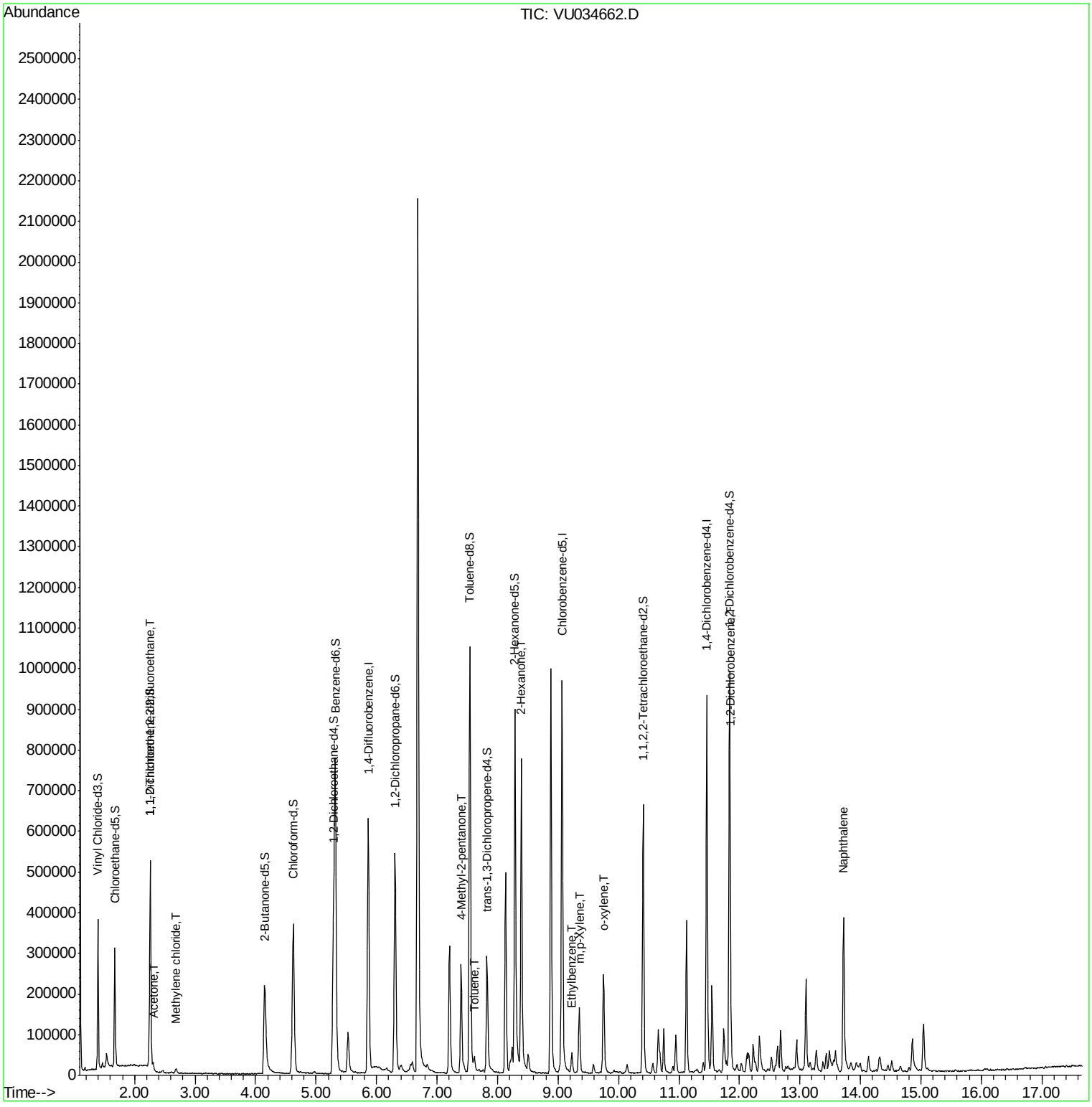
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\

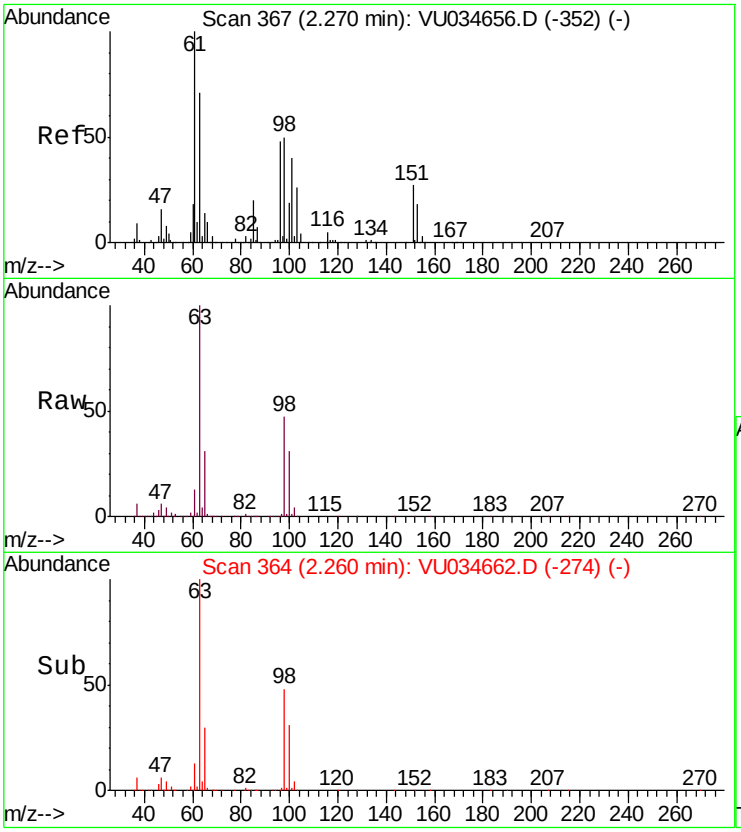
Quantitation Report (Not Reviewed)

Data File : VU034662.D
Acq On : 19 Sep 2019 21:26
Operator : JC/SP
Sample : K4895-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDH8

Quant Time: Sep 20 04:05:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration



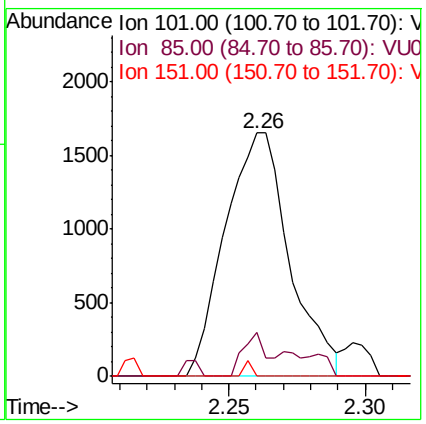


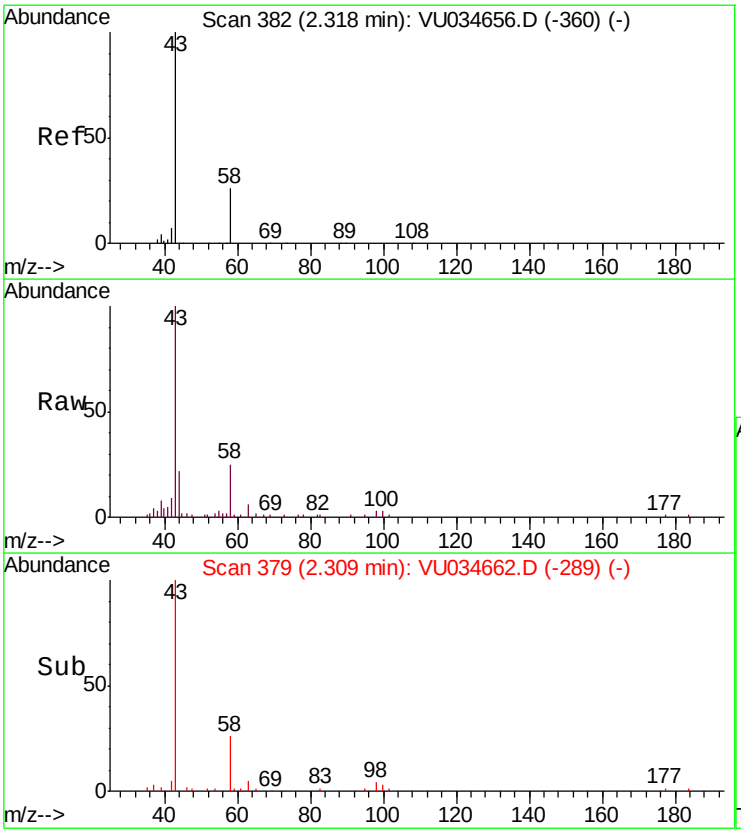
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.842 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument :
MSVOA_U
ClientSampleId :
BFDH8

Tgt Ion:101 Resp: 2702

Ion	Ratio	Lower	Upper
101	100		
85	5.7	39.0	58.4#
151	0.0	52.8	79.2#

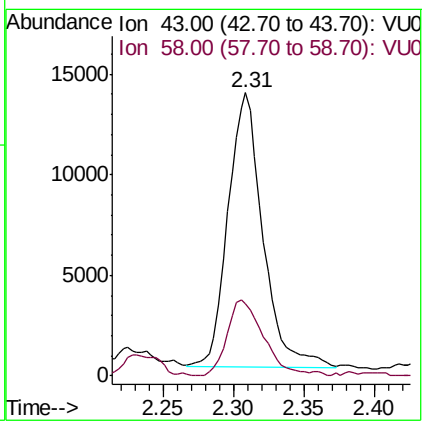


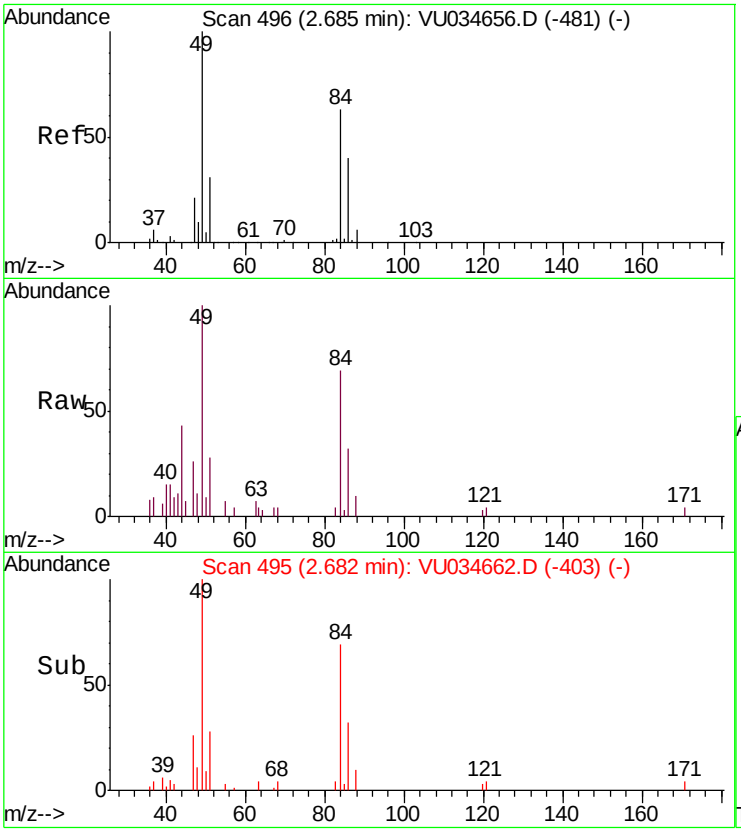


#13
Acetone
Concen: 5.473 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.01 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Tgt Ion: 43 Resp: 23528

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	53.4



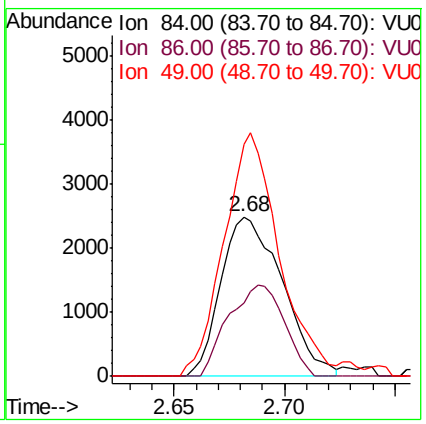


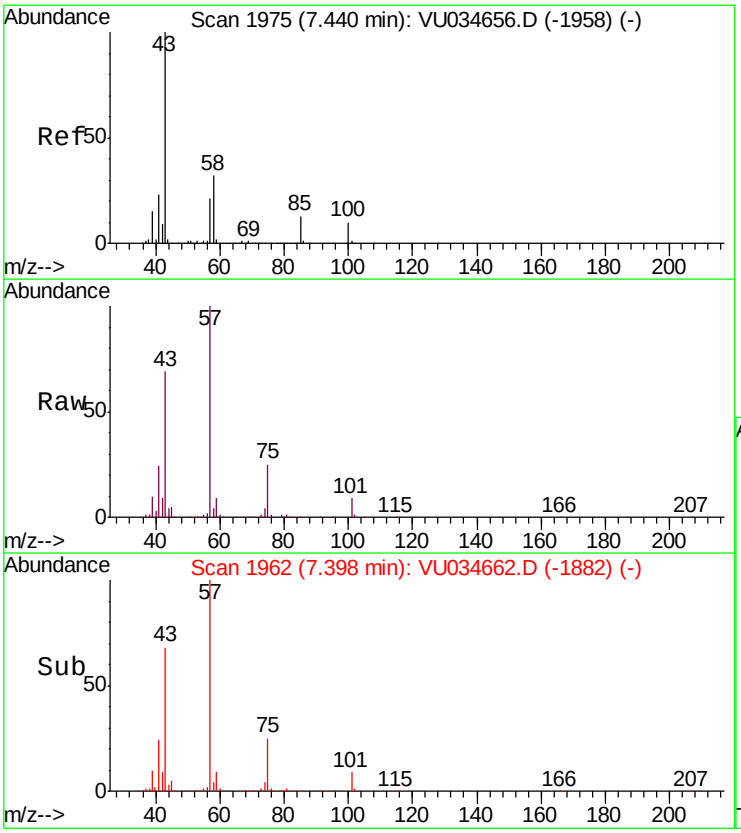
#16
Methylene chloride
Concen: 1.234 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument :
MSVOA_U
ClientSampleId :
BFDH8

Tgt Ion: 84 Resp: 4818

Ion	Ratio	Lower	Upper
84	100		
86	46.1	43.0	80.0
49	145.7	109.7	203.7

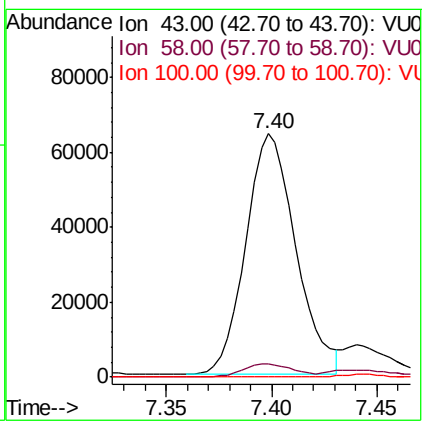


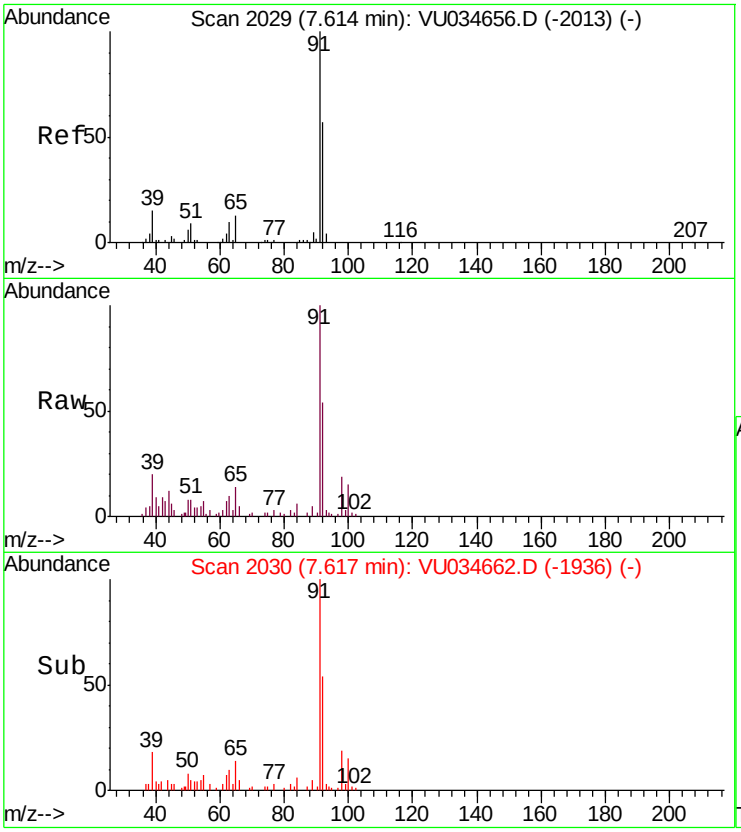


#40
4-Methyl-2-pentanone
Concen: 11.886 ug/L
RT: 7.40 min Scan# 1962
Delta R.T. -0.04 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Tgt Ion: 43 Resp: 106193

Ion	Ratio	Lower	Upper
43	100		
58	5.5	25.2	37.8#
100	0.0	7.7	11.5#



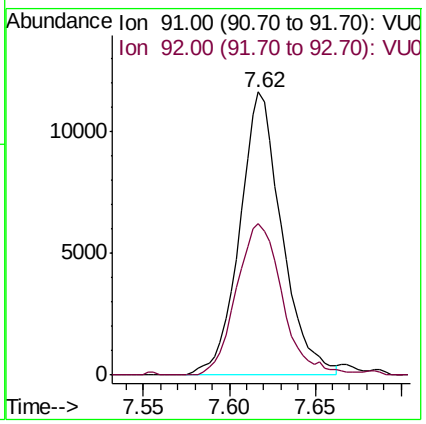


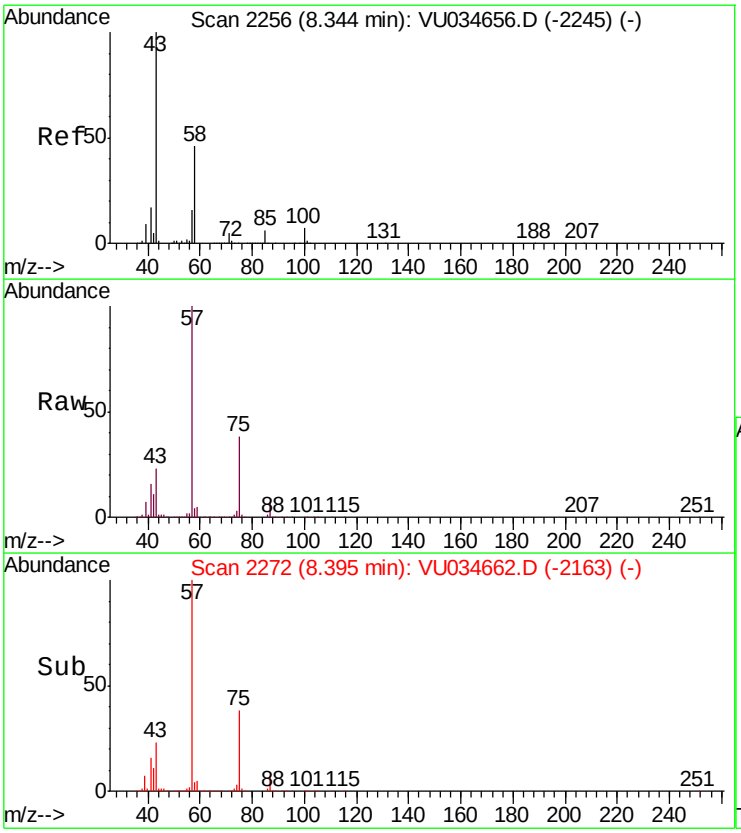
#42
Toluene
Concen: 1.168 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument : MSVOA_U
ClientSampleId : BFDH8

Tgt Ion: 91 Resp: 19837

Ion	Ratio	Lower	Upper
91	100		
92	53.7	38.2	71.0

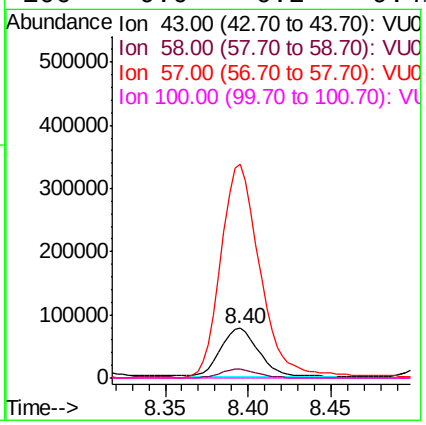


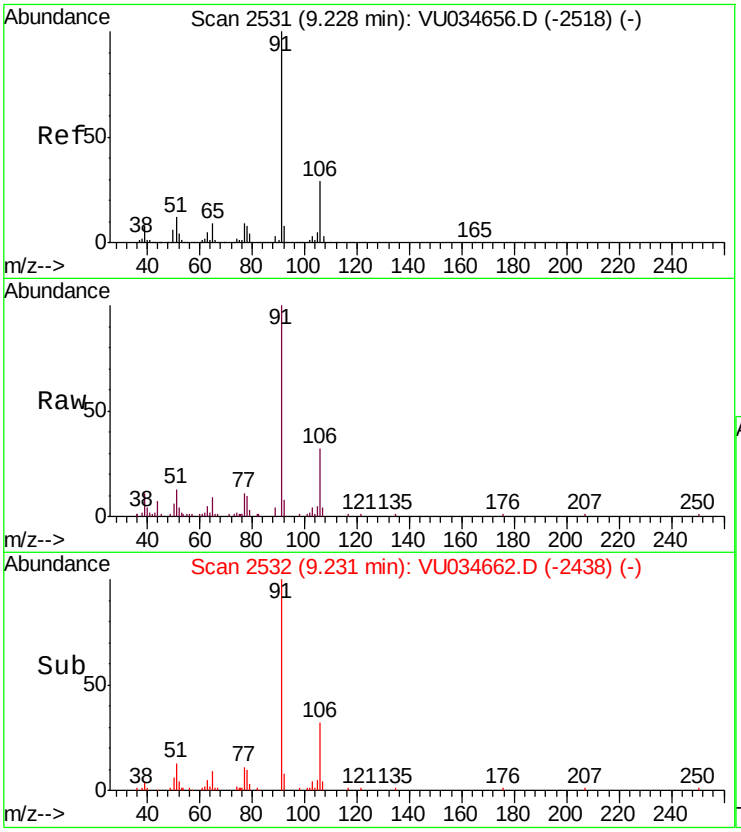


#48
2-Hexanone
Concen: 17.436 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Tgt Ion: 43 Resp: 121659

Ion	Ratio	Lower	Upper
43	100		
58	16.2	35.3	52.9#
57	461.1	12.1	18.1#
100	0.0	6.2	9.4#



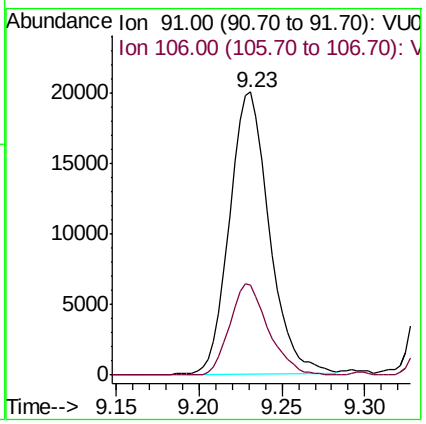


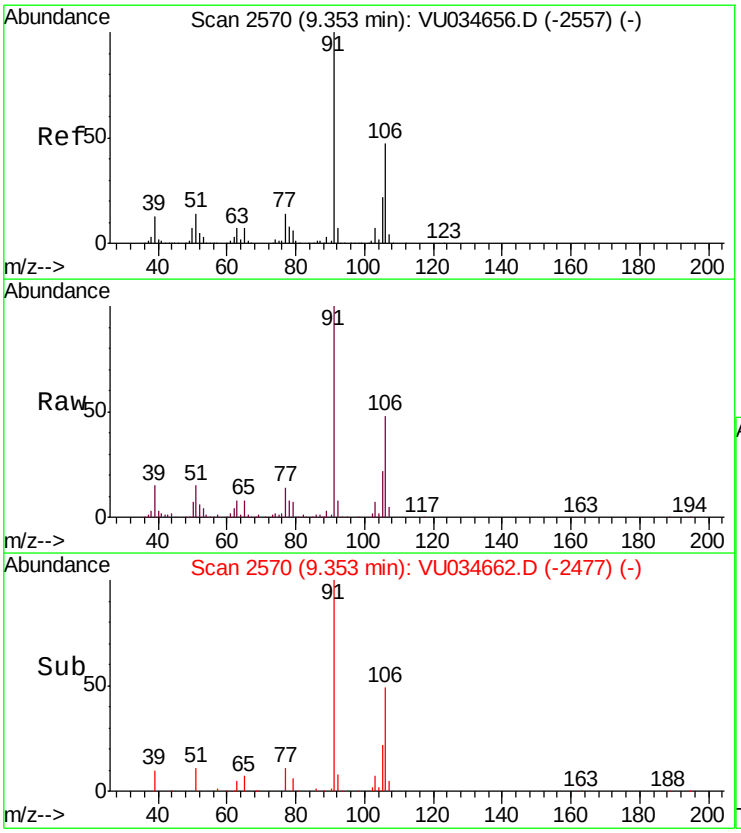
#52
Ethylbenzene
Concen: 1.748 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument : MSVOA_U
ClientSampleId : BFDH8

Tgt Ion: 91 Resp: 33426

Ion	Ratio	Lower	Upper
91	100		
106	31.7	20.6	38.4

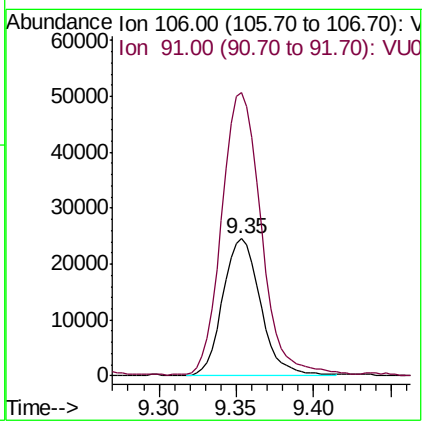


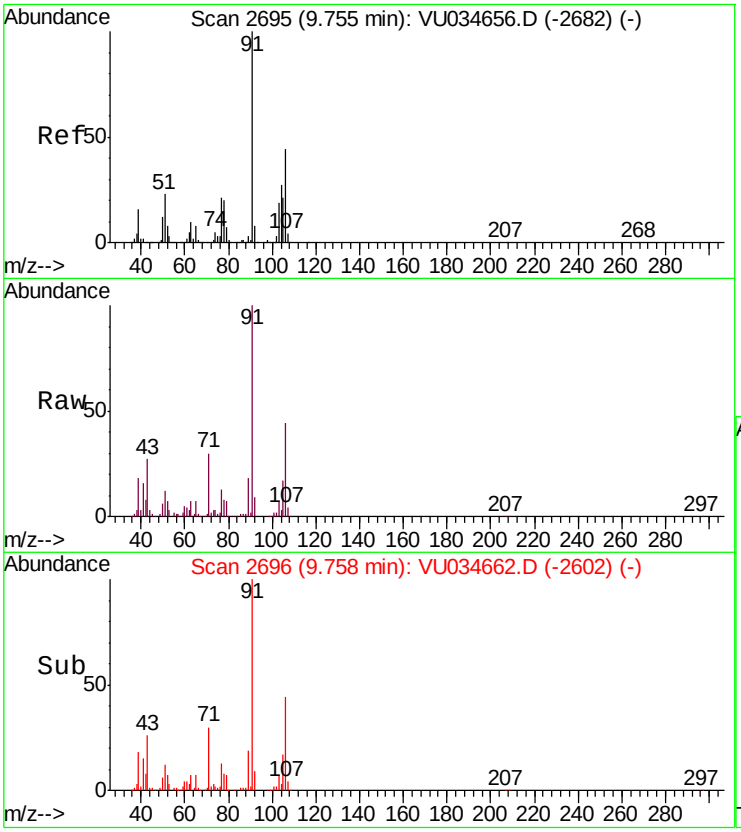


#53
m,p-Xylene
Concen: 6.146 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Tgt Ion:106 Resp: 41632

Ion	Ratio	Lower	Upper
106	100		
91	206.2	146.9	272.7



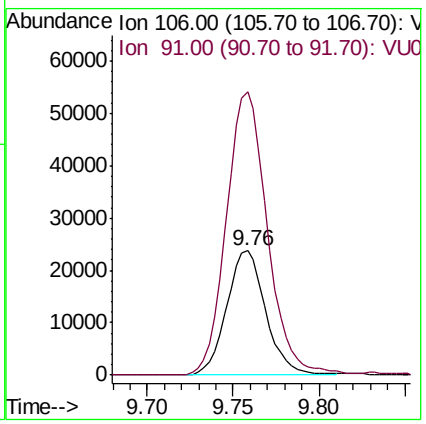


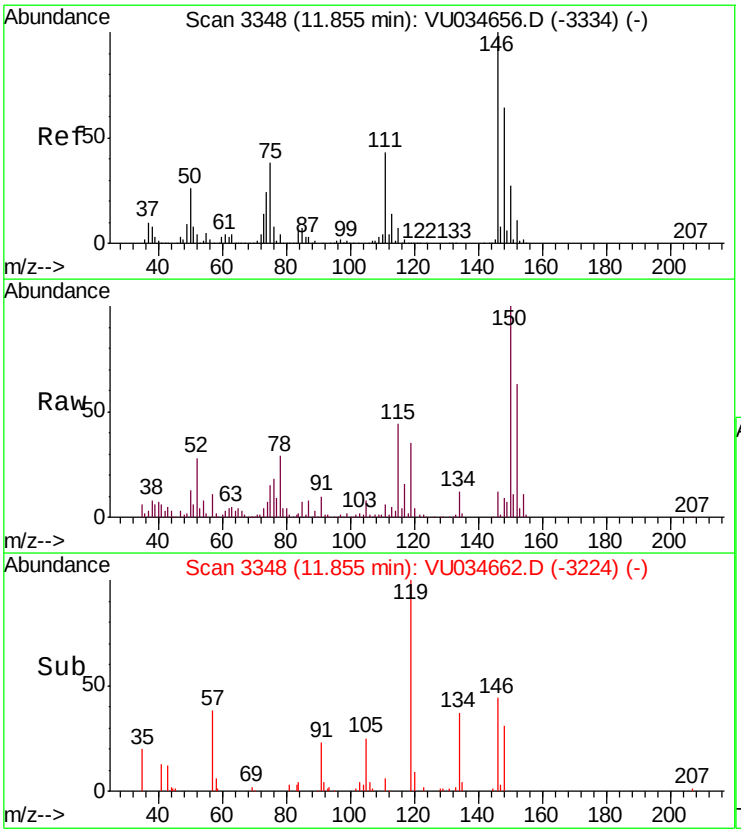
#54
o-xylene
Concen: 5.601 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument :
MSVOA_U
ClientSampleId :
BFDH8

Tgt Ion:106 Resp: 37526

Ion	Ratio	Lower	Upper
106	100		
91	228.2	155.6	289.0

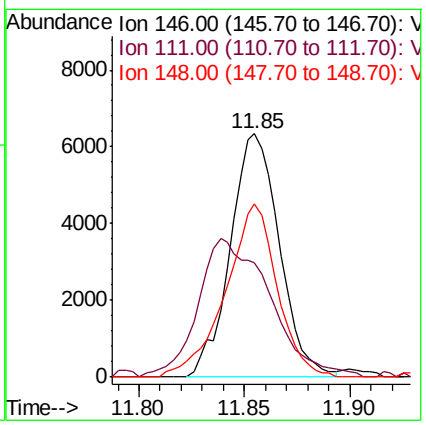


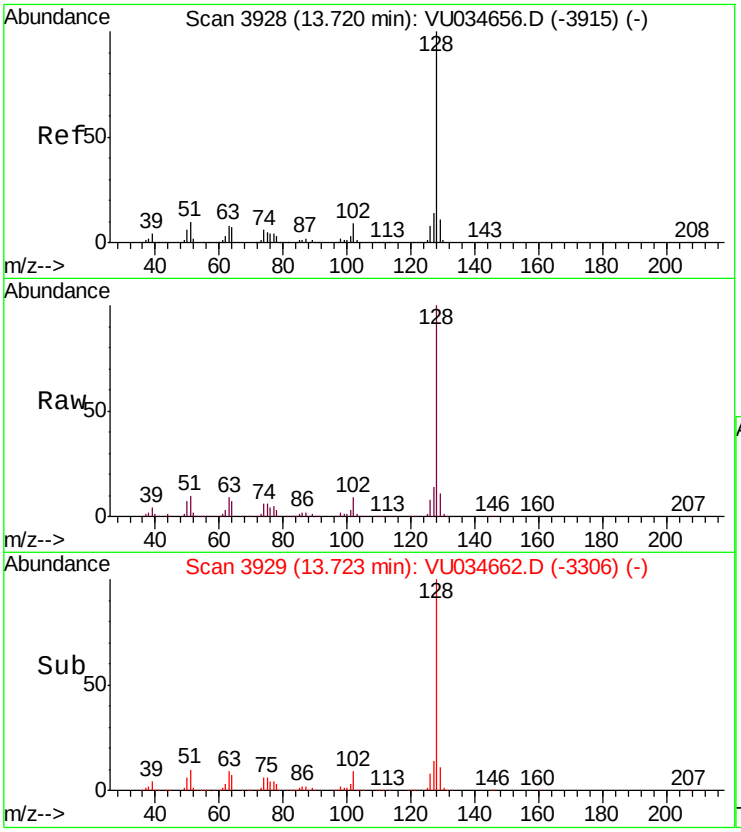


#65
1,2-Dichlorobenzene
Concen: 1.419 ug/L
RT: 11.85 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Tgt Ion:146 Resp: 10264

Ion	Ratio	Lower	Upper
146	100		
111	46.7	35.2	52.8
148	71.3	53.0	79.6





#69
Naphthalene
Concen: 22.874 ug/L
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034662.D
Acq: 19 Sep 2019 21:26

Instrument :
MSVOA_U
ClientSampleId :
BFDH8

Tgt Ion:128 Resp: 298642

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.7	8.6	12.8