Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (Not Reviewed)

Data File : VU034756.D
Acq On : 24 Sep 2019 00:27
Operator : JC/SP
Sample : K4932-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK1

Quant Time: Sep 24 03:43:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	525954	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	490381	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	228412	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	213766	39.70	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.40%				
7) Chloroethane-d5	1.67	69	171740	41.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.54%				
11) 1,1-Dichloroethene-d2	2.26	63	295092	32.36	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.72%				
21) 2-Butanone-d5	4.15	46	468514	113.53	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.53%				
24) Chloroform-d	4.62	84	369218	47.17	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.34%				
26) 1,2-Dichloroethane-d4	5.29	65	276022	47.97	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.94%				
32) Benzene-d6	5.32	84	756646	49.78	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.56%				
36) 1,2-Dichloropropane-d6	6.31	67	269120	50.66	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.32%				
41) Toluene-d8	7.54	98	713861	49.37	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.74%				
43) trans-1,3-Dichloropropene-	7.83	79	124794	49.05	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.10%				
47) 2-Hexanone-d5	8.29	63	324435	121.59	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.59%				
57) 1,1,2,2-Tetrachloroethane-	10.41	84	365504	49.58	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.16%				
64) 1,2-Dichlorobenzene-d4	11.84	152	248178	51.82	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.64%				
Target Compounds							Qvalue
13) Acetone	2.31	43	166436	34.672	ug/L		100
15) Methyl Acetate	2.61	43	7021	1.095	ug/L		95
16) Methylene chloride	2.68	84	47364	10.866	ug/L		95
40) 4-Methyl-2-pentanone	7.44	43	17422	1.802	ug/L	#	87
42) Toluene	7.62	91	25325	1.378	ug/L		94
48) 2-Hexanone	8.29	43	144860	19.183	ug/L	#	53
52) Ethylbenzene	9.23	91	29516	1.426	ug/L		97
53) m,p-Xylene	9.35	106	16525	2.254	ug/L		98
54) o-xylene	9.76	106	18977	2.617	ug/L		94
69) Naphthalene	13.72	128	846057	58.640	ug/L		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

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Acq On : 24 Sep 2019 00:27
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Sample : K4932-13
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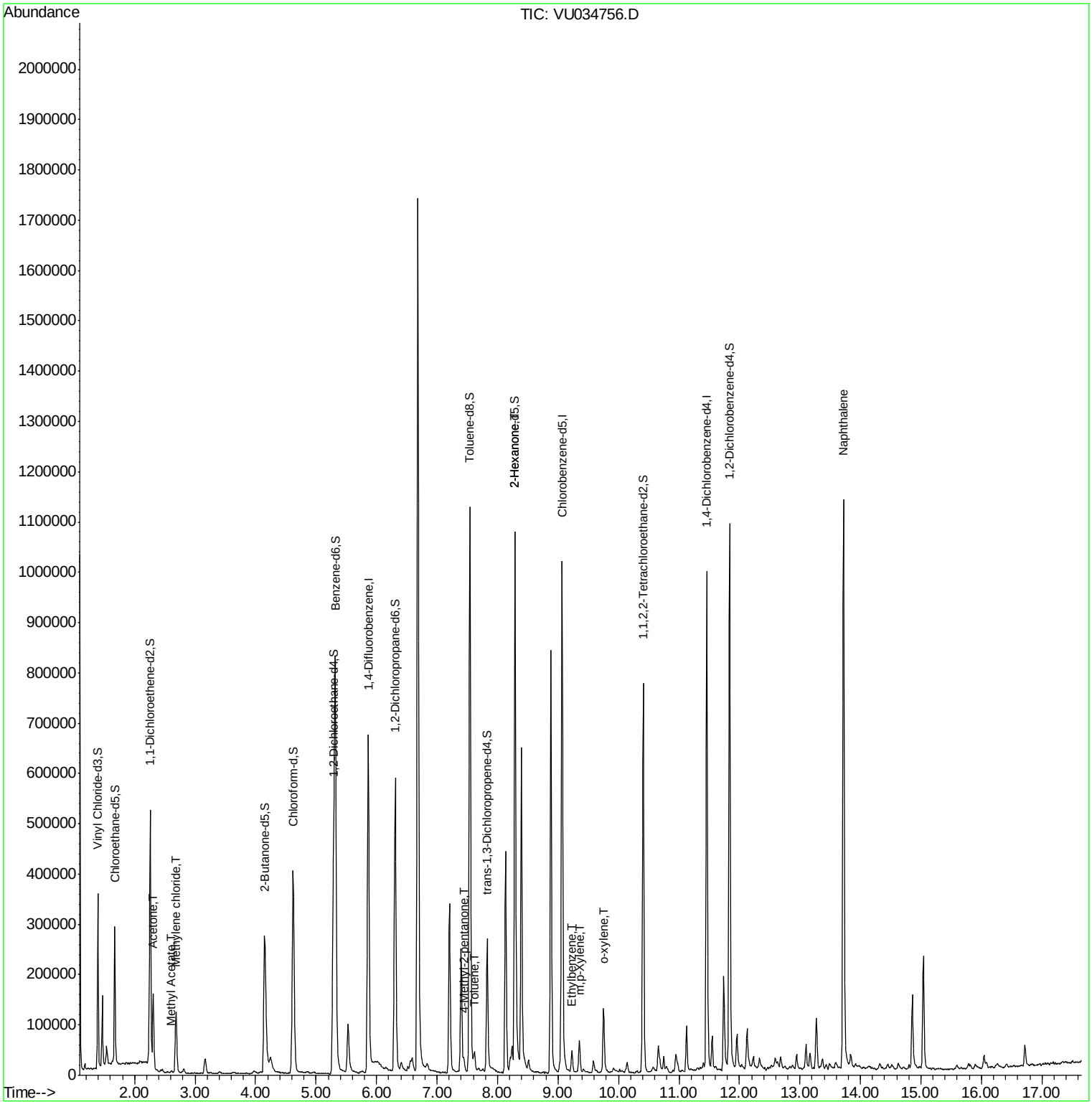
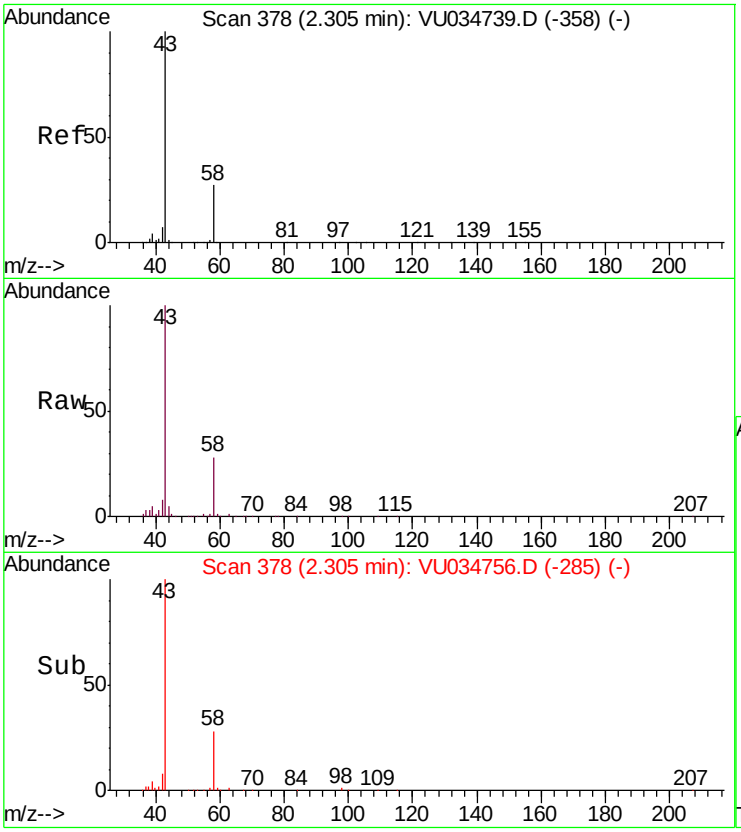
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK1

Quant Time: Sep 24 03:43:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



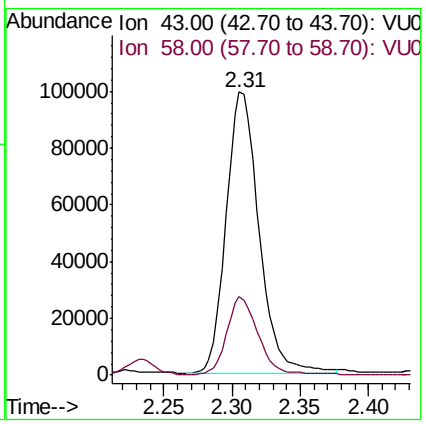


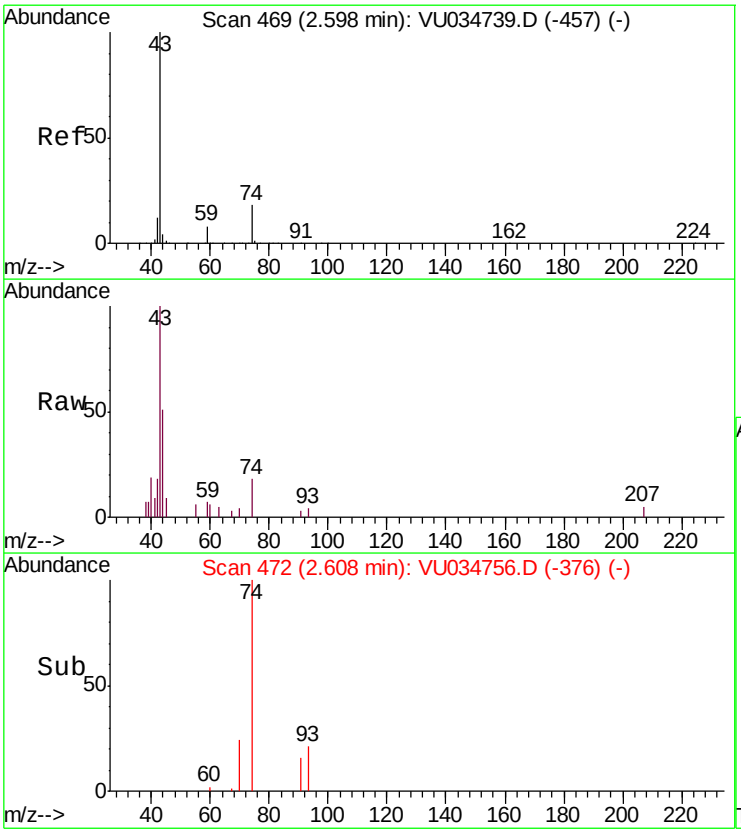
#13
Acetone
Concen: 34.672 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
BFDK1

Tgt Ion: 43 Resp: 166436

Ion	Ratio	Lower	Upper
43	100		
58	26.4	0.0	53.4

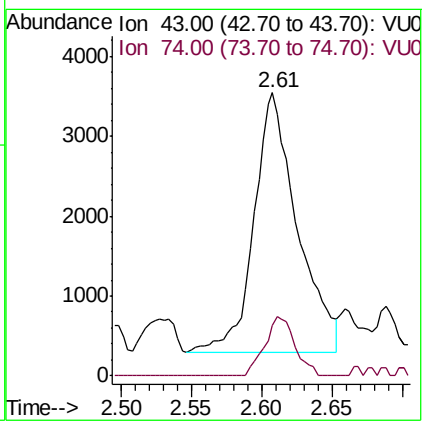


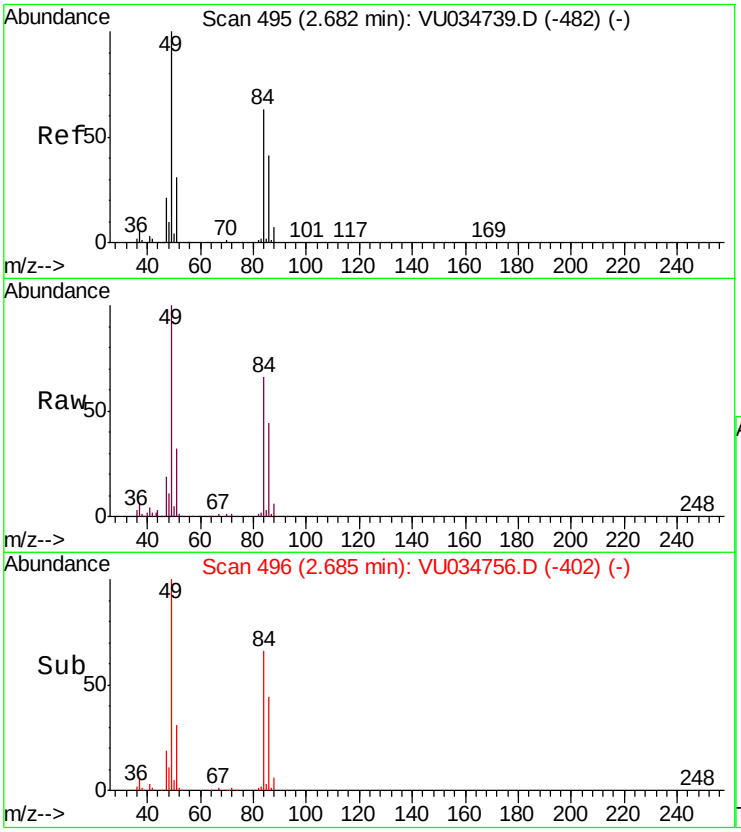


#15
Methyl Acetate
Concen: 1.095 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Tgt Ion: 43 Resp: 7021

Ion	Ratio	Lower	Upper
43	100		
74	15.7	14.4	21.6



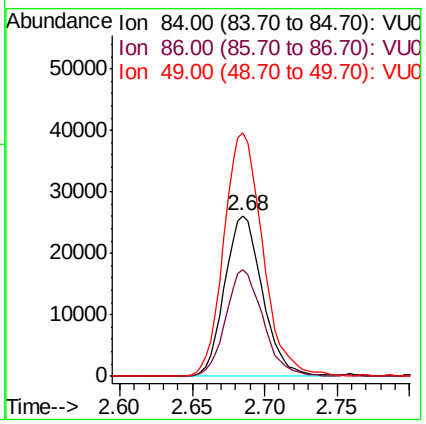


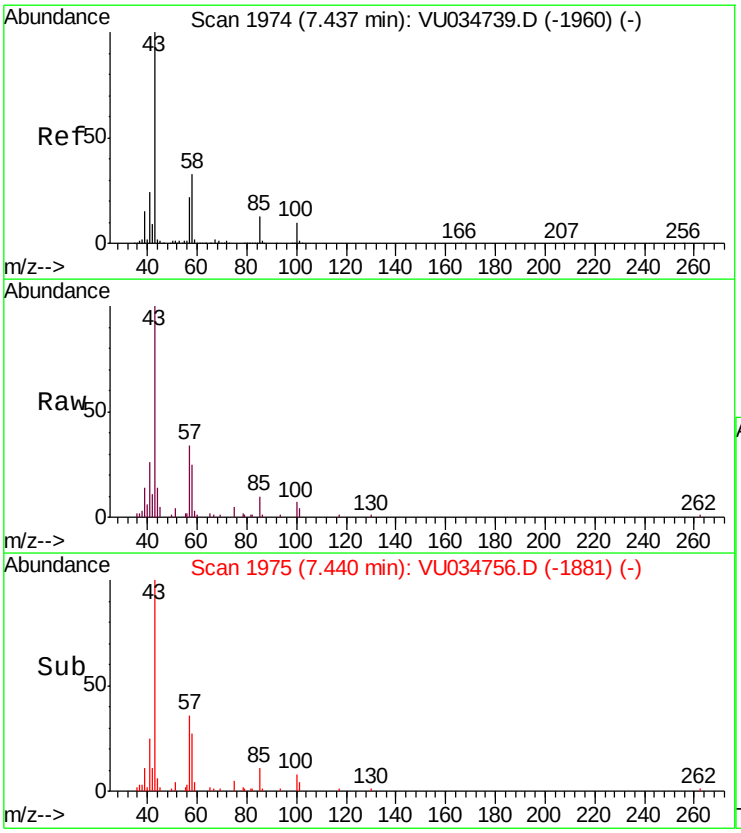
#16
Methylene chloride
Concen: 10.866 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
BFDK1

Tgt Ion: 84 Resp: 47364

Ion	Ratio	Lower	Upper
84	100		
86	65.9	43.0	80.0
49	151.3	109.7	203.7

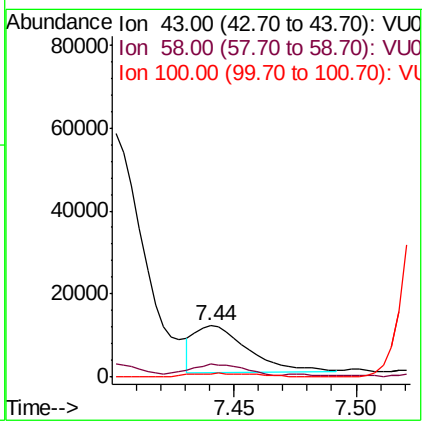


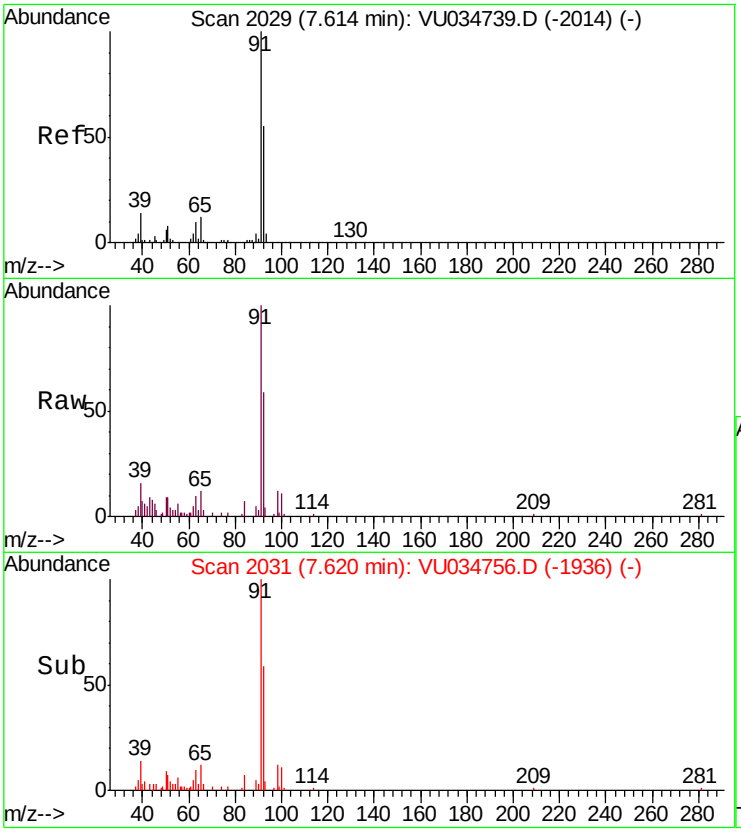


#40
4-Methyl-2-pentanone
Concen: 1.802 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Tgt Ion: 43 Resp: 17422

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.2	37.8
100	0.9	7.7	11.5#



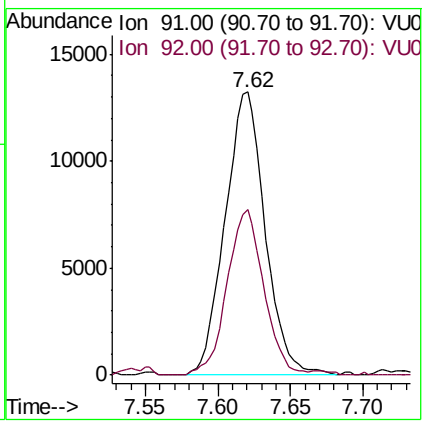


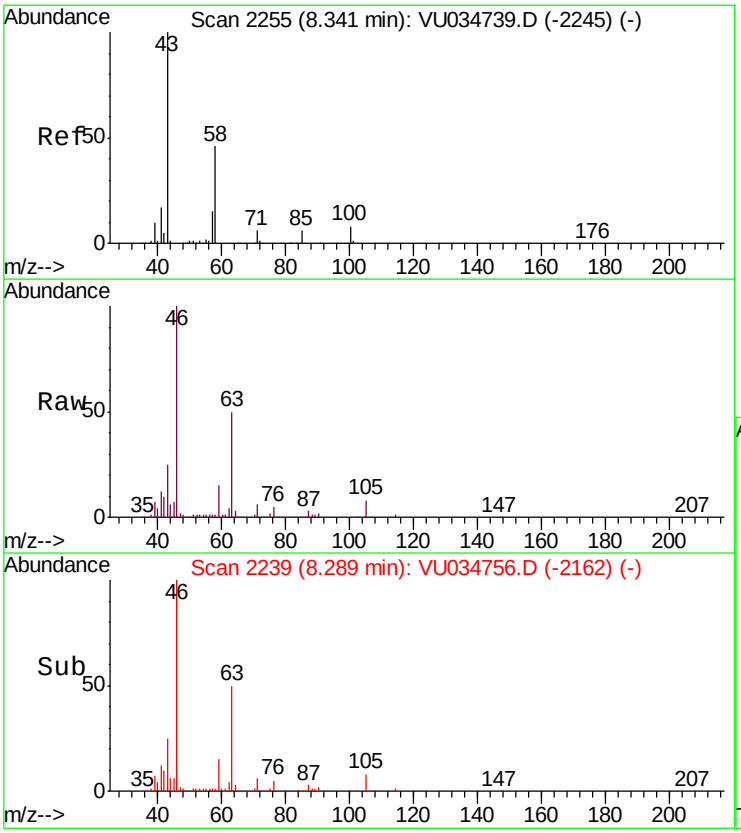
#42
Toluene
Concen: 1.378 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
BFDK1

Tgt Ion: 91 Resp: 25325

Ion	Ratio	Lower	Upper
91	100		
92	58.7	38.2	71.0

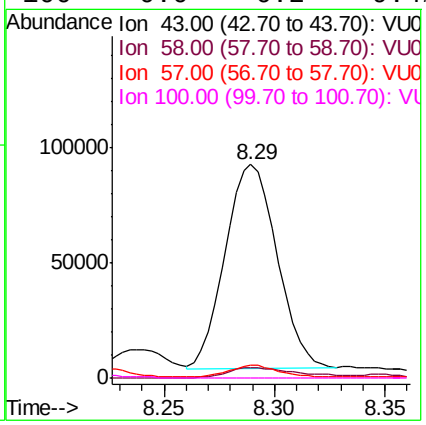


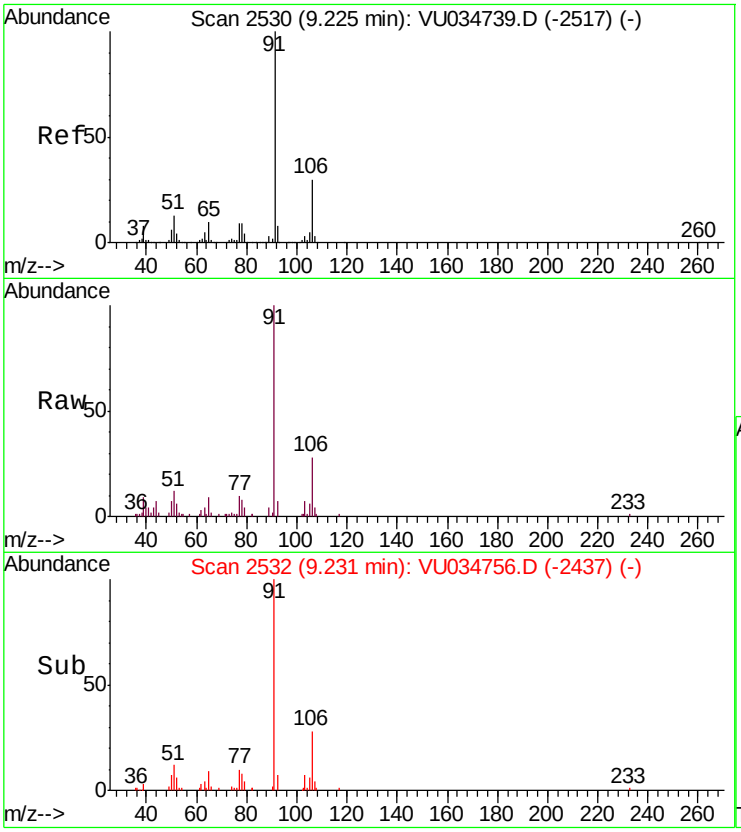


#48
2-Hexanone
Concen: 19.183 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Tgt Ion: 43 Resp: 144860

Ion	Ratio	Lower	Upper
43	100		
58	5.4	35.3	52.9#
57	5.3	12.1	18.1#
100	0.0	6.2	9.4#



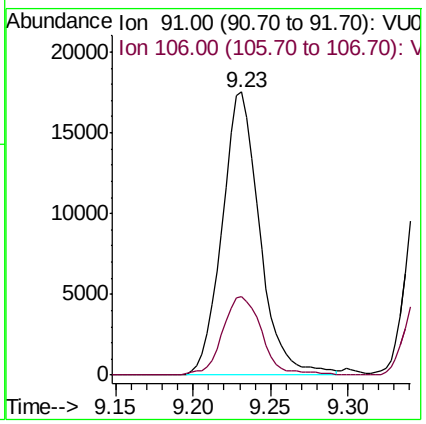


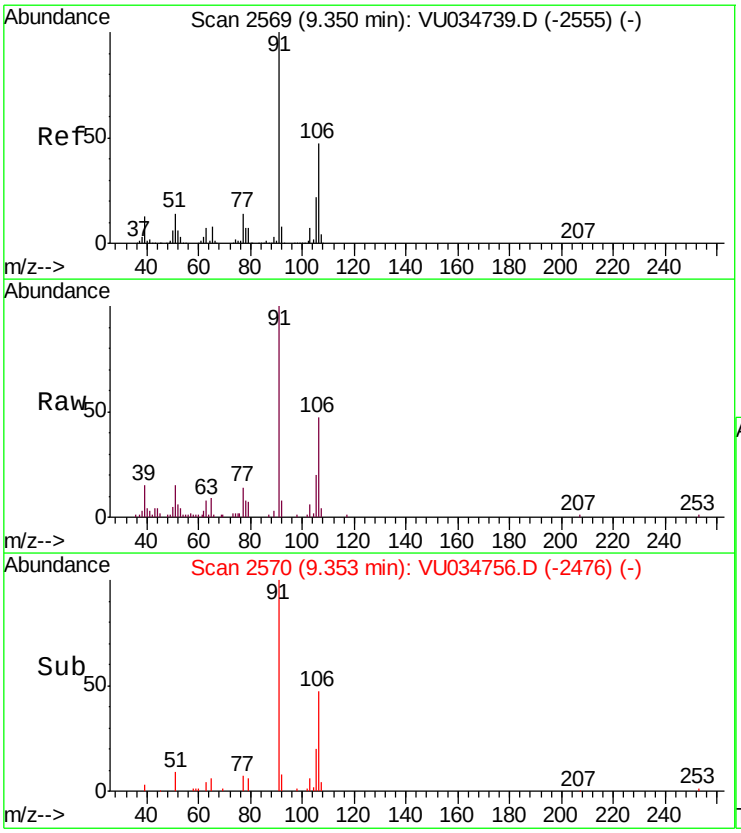
#52
Ethylbenzene
Concen: 1.426 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.01 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Instrument : MSVOA_U
ClientSampleId : BFDK1

Tgt Ion: 91 Resp: 29516

Ion	Ratio	Lower	Upper
91	100		
106	27.7	20.6	38.4

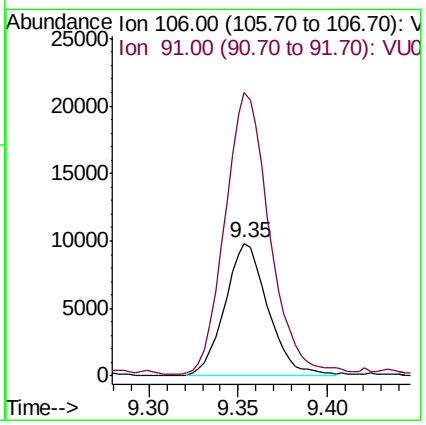


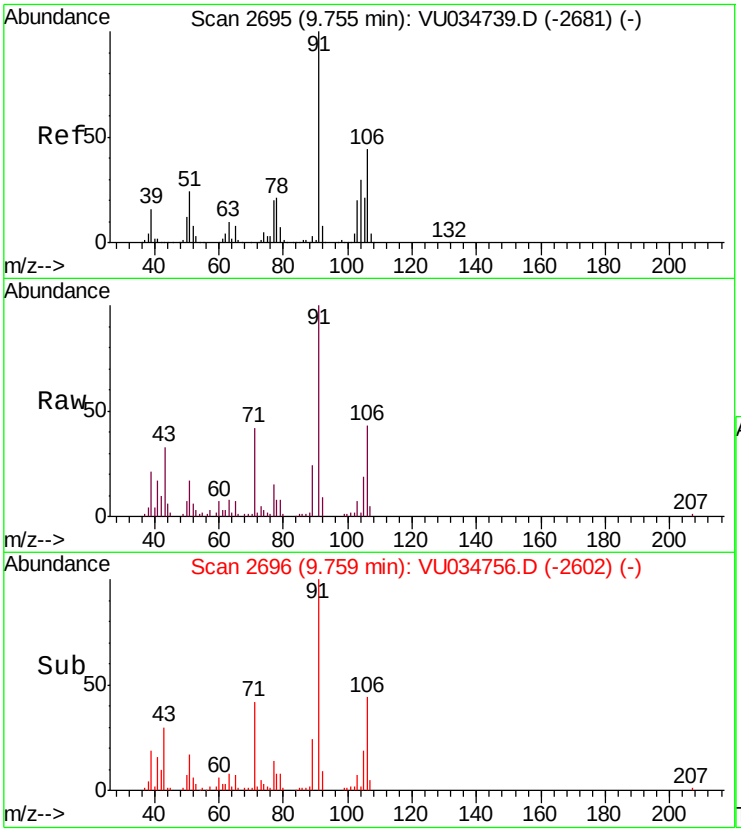


#53
m,p-Xylene
Concen: 2.254 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Tgt Ion:106 Resp: 16525

Ion	Ratio	Lower	Upper
106	100		
91	213.6	146.9	272.7



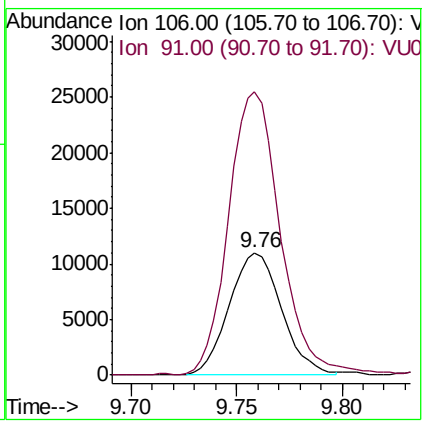


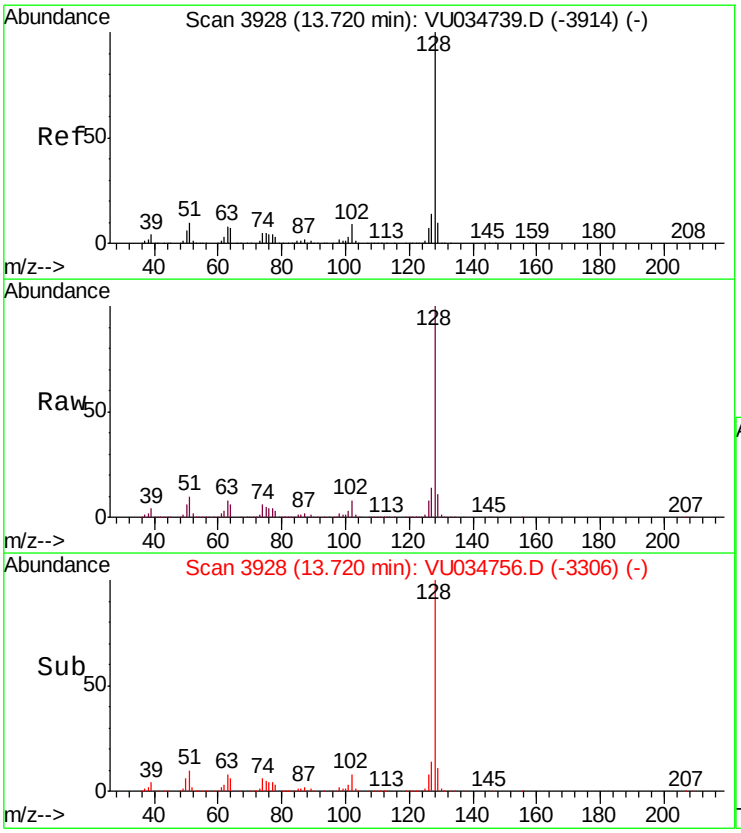
#54
o-xylene
Concen: 2.617 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
BFDK1

Tgt Ion:106 Resp: 18977

Ion	Ratio	Lower	Upper
106	100		
91	231.3	155.6	289.0





#69
Naphthalene
Concen: 58.640 ug/L
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034756.D
Acq: 24 Sep 2019 00:27

Tgt Ion:128 Resp: 846057

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.2	8.6	12.8