Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091720\
Data File : VU040193.D
Acq On : 17 Sep 2020 19:52
Operator : SY/MD
Sample : L4063-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH6

Quant Time: Sep 18 04:58:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 04:01:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44792	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26385	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	1.92	69	23995	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.58	63	45105	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	4.66	46	113250	49.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.44%			
24) Chloroform-d	5.08	84	59718	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.72	65	40136	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.74	84	117020	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.70	67	38426	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.91	98	92151	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	8.19	79	15296	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.64	63	81038	47.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32940	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39279	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
13) Acetone	2.66	43	12282	5.825	ug/L	91
15) Methyl Acetate	2.98	43	3162	0.598	ug/L #	80
21) 2-Butanone	4.74	43	3835	1.114	ug/L	93
25) Chloroform	5.11	83	6896	0.377	ug/L	91
33) Benzene	5.79	78	2482	0.068	ug/L	100
42) Toluene	7.98	91	10195	0.272	ug/L	94
53) m,p-Xylene	9.69	106	2161	0.142	ug/L	80
54) o-Xylene	10.10	106	1042	0.072	ug/L	70
55) Styrene	10.12	104	5281	0.210	ug/L	98

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

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C0AH6

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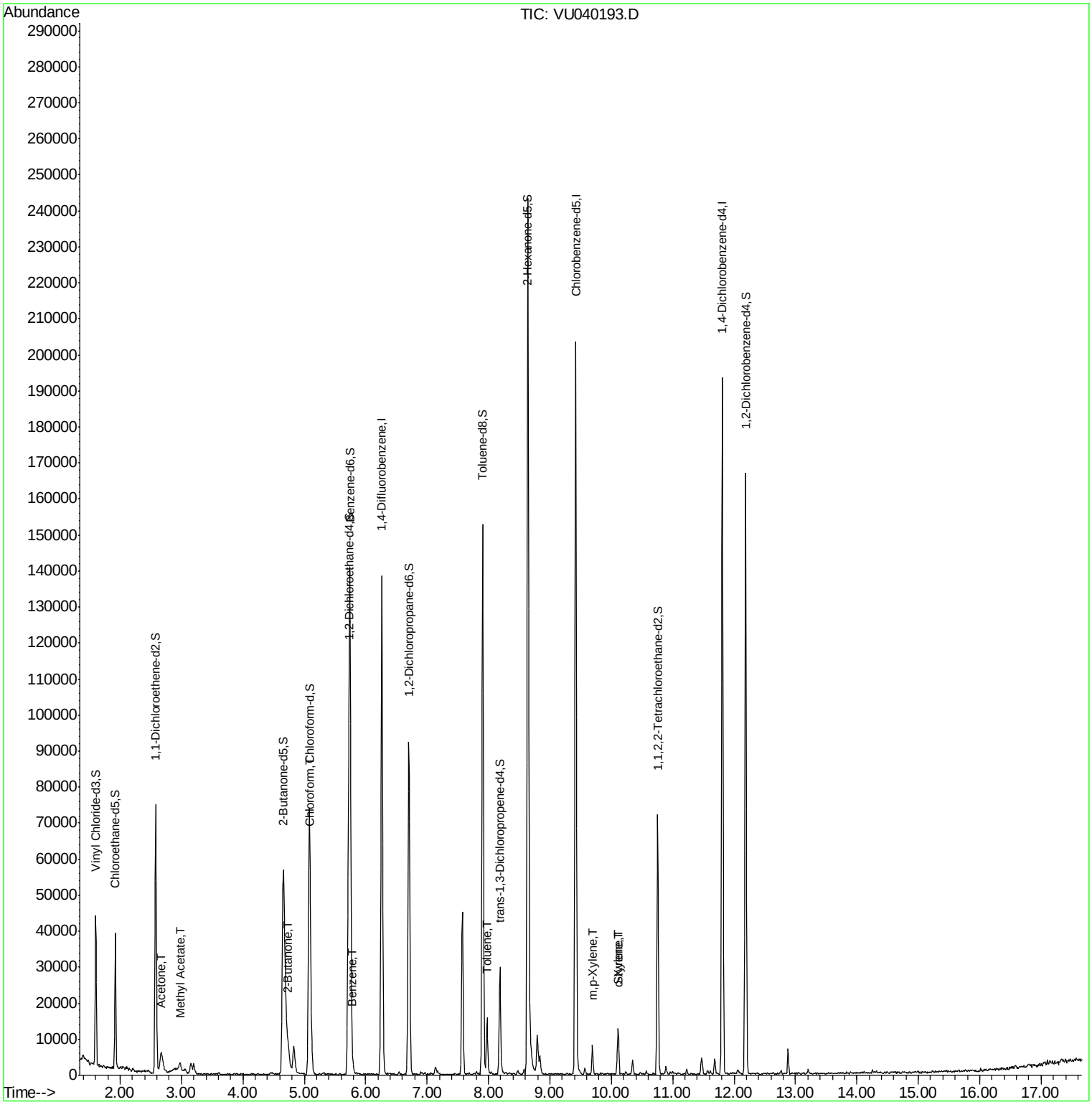
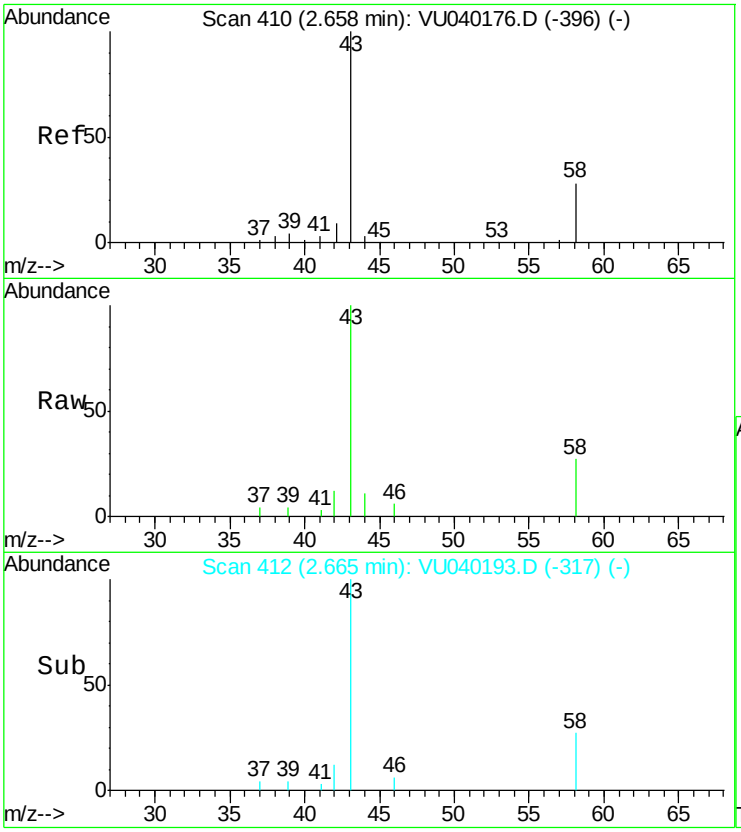


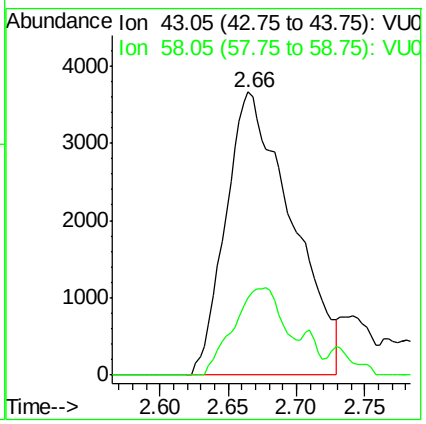


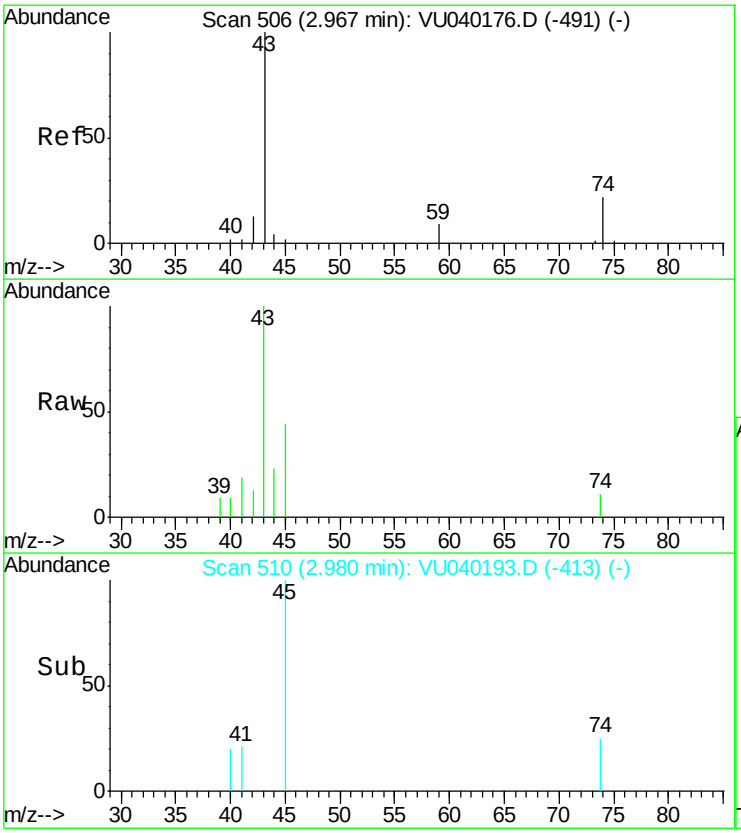
#13
Acetone
Concen: 5.825 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Instrument : MSVOA_U
ClientSampleId : C0AH6

Tgt Ion: 43 Resp: 12282

Ion	Ratio	Lower	Upper
43	100		
58	23.2	0.0	55.4

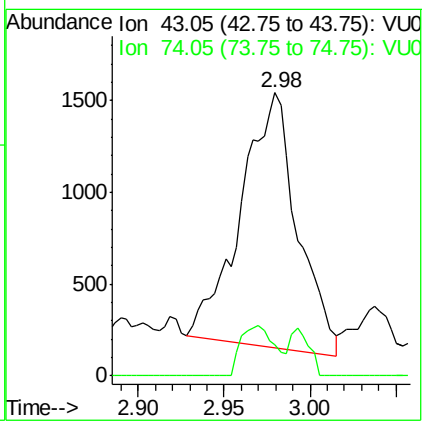


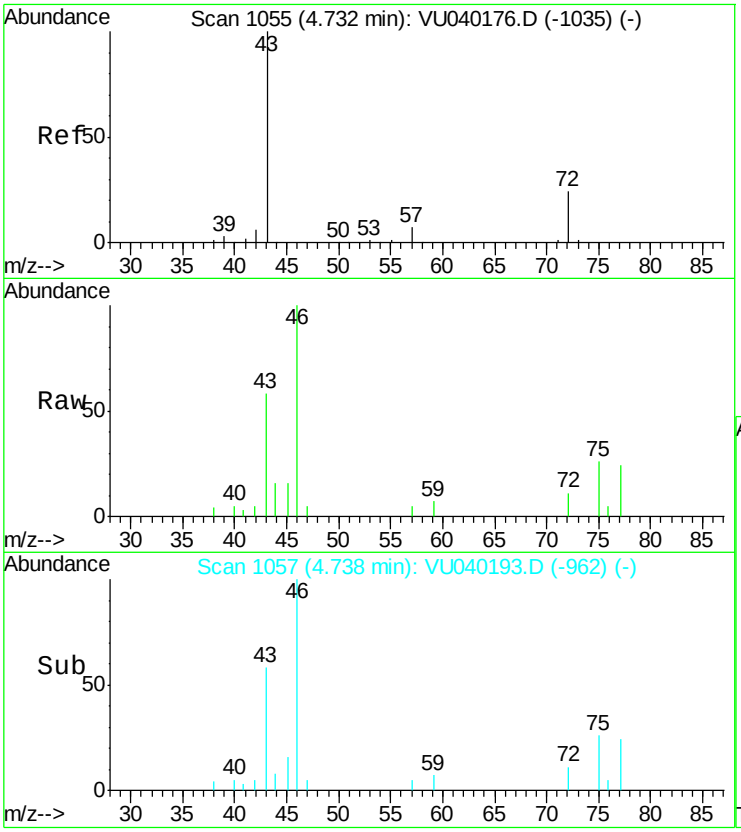


#15
Methyl Acetate
Concen: 0.598 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.01 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Tgt Ion: 43 Resp: 3162

Ion	Ratio	Lower	Upper
43	100		
74	12.0	17.4	26.0#



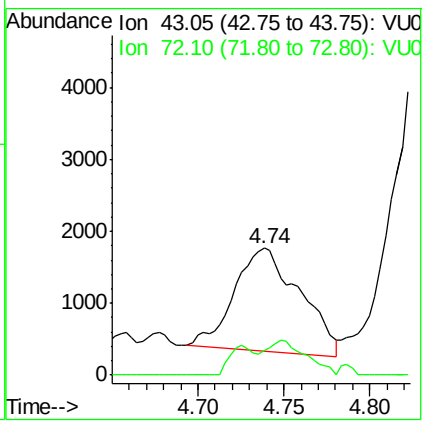


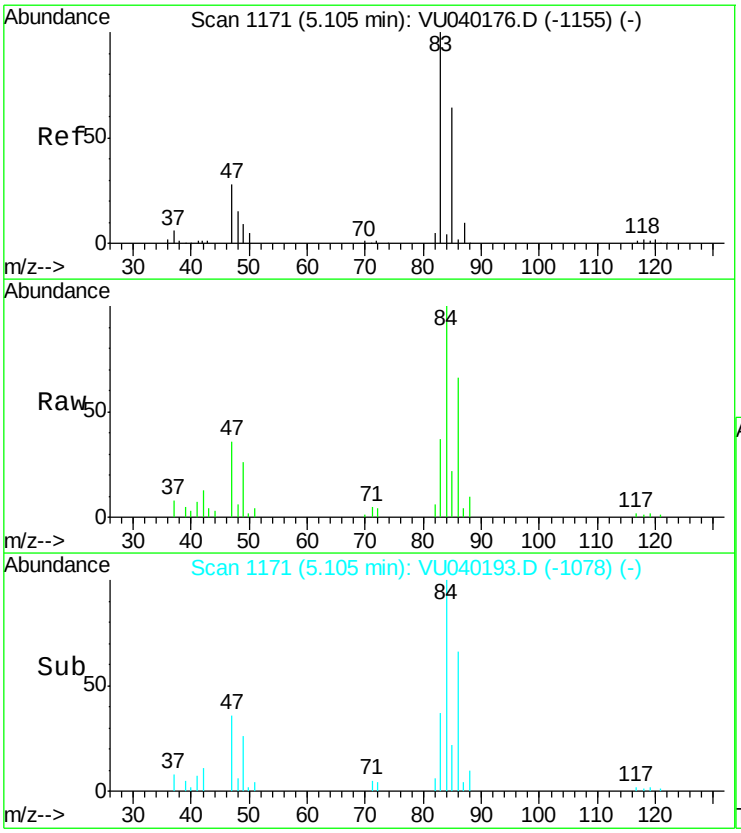
#21
2-Butanone
Concen: 1.114 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Instrument : MSVOA_U
ClientSampleId : C0AH6

Tgt Ion: 43 Resp: 3835

Ion	Ratio	Lower	Upper
43	100		
72	20.0	11.7	35.0

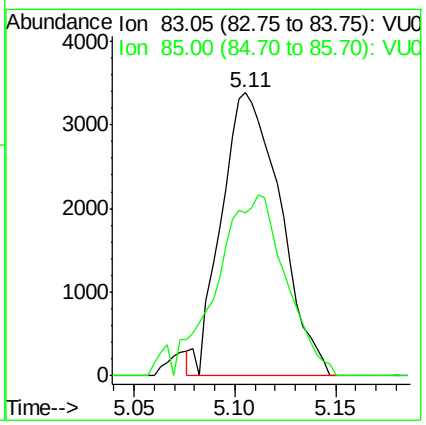


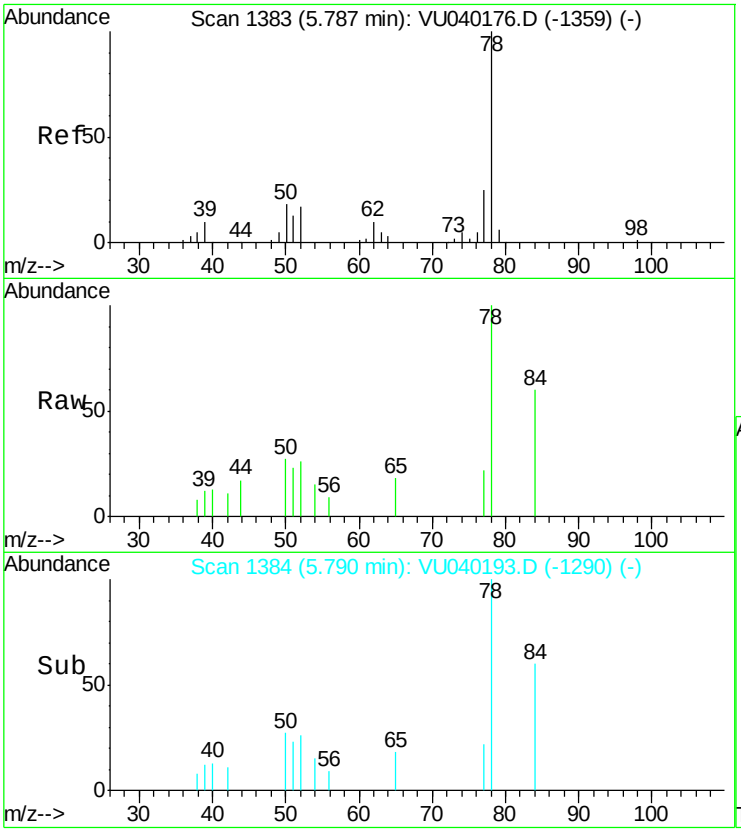


#25
Chloroform
Concen: 0.377 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Tgt Ion: 83 Resp: 6896

Ion	Ratio	Lower	Upper
83	100		
85	57.6	45.3	84.1

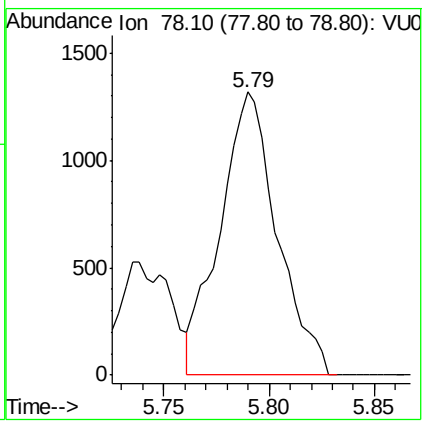


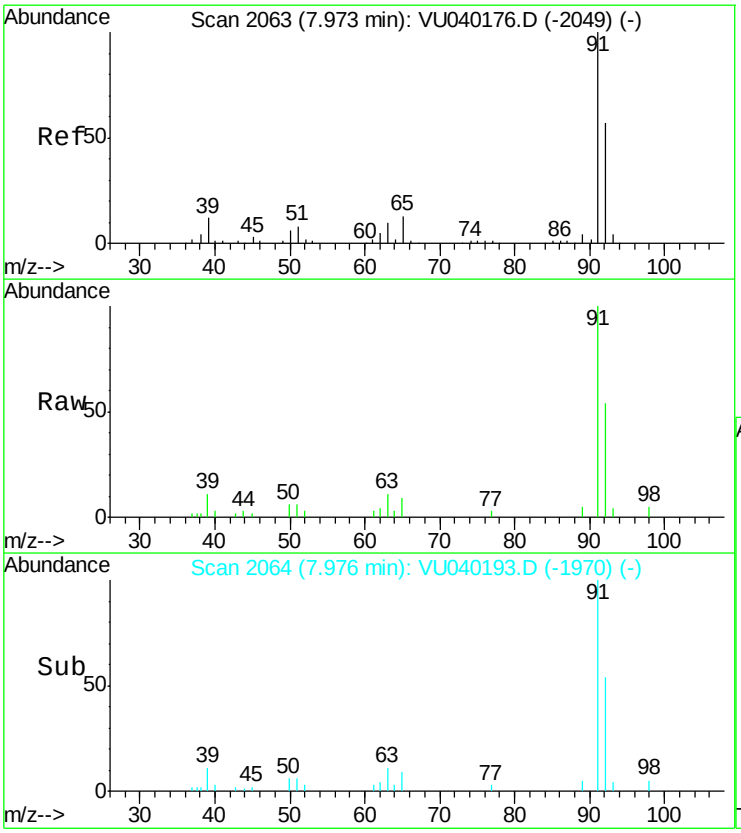


#33
Benzene
Concen: 0.068 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tgt Ion: 78 Resp: 2482

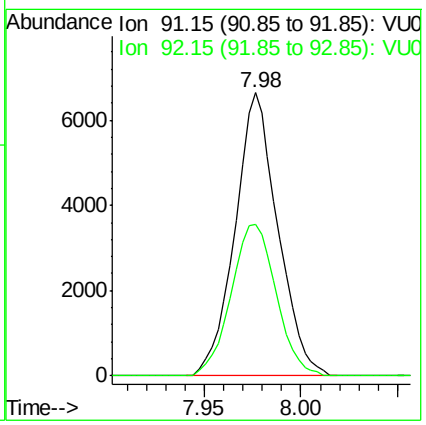


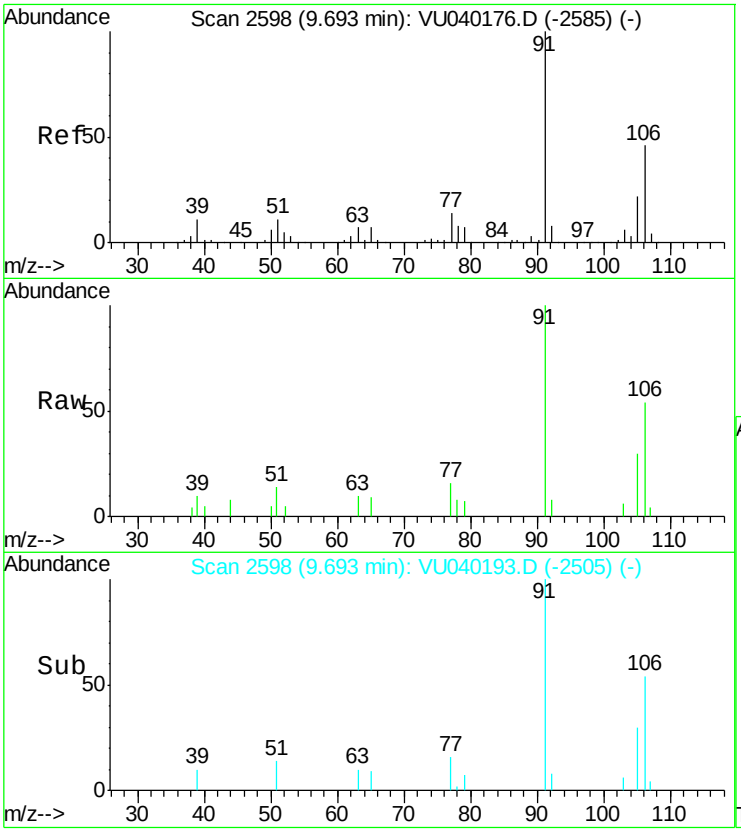


#42
Toluene
Concen: 0.272 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Tgt Ion: 91 Resp: 10195

Ion	Ratio	Lower	Upper
91	100		
92	53.7	40.7	75.5



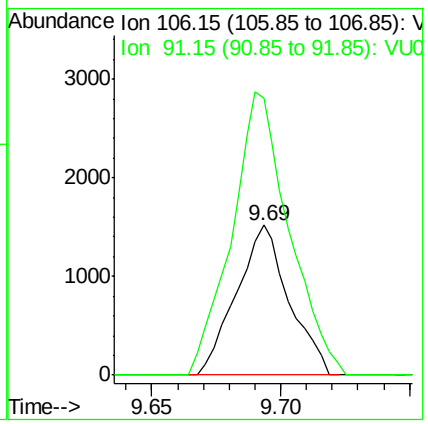


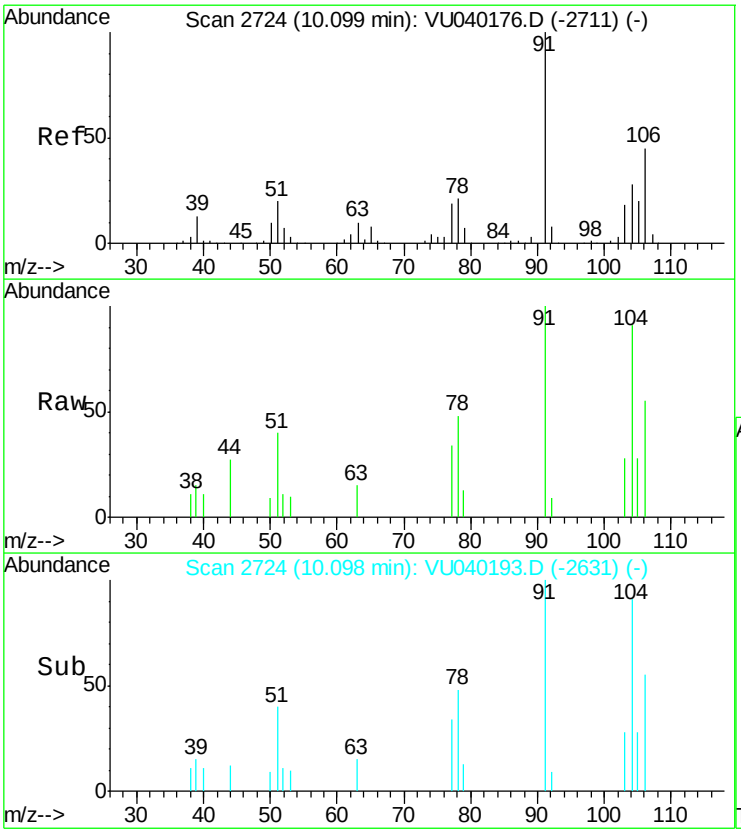
#53
m,p-Xylene
Concen: 0.142 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tgt Ion:106 Resp: 2161

Ion	Ratio	Lower	Upper
106	100		
91	184.4	151.7	281.7

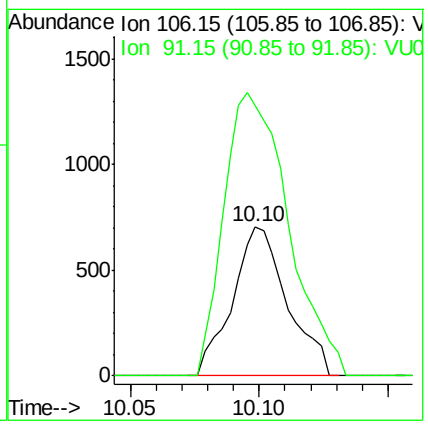


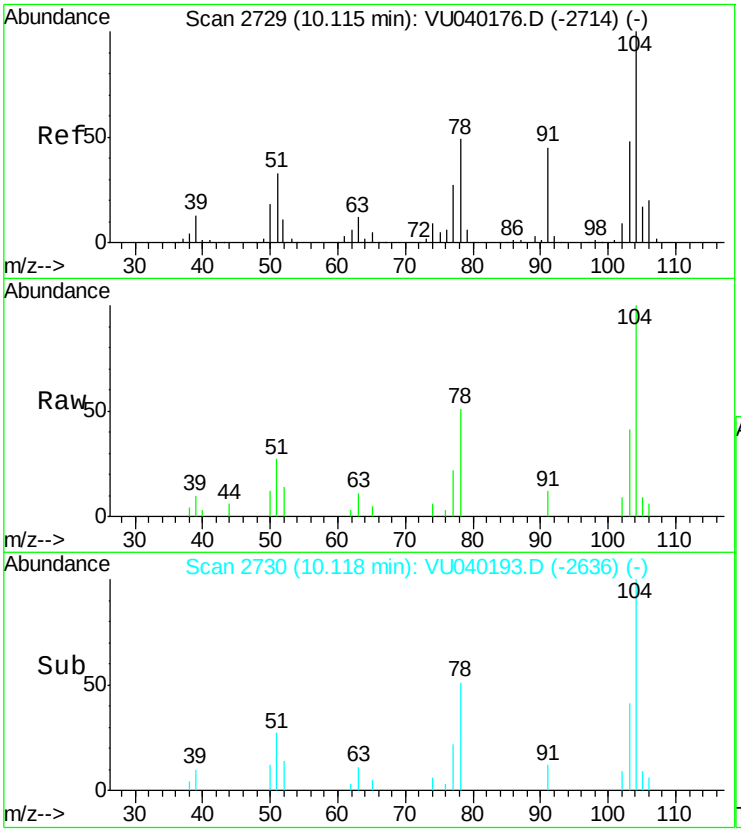


#54
o-Xylene
Concen: 0.072 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Tgt Ion:106 Resp: 1042

Ion	Ratio	Lower	Upper
106	100		
91	180.6	160.8	298.6





#55
Stvrene
Concen: 0.210 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU040193.D
Acq: 17 Sep 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tgt Ion:104 Resp: 5281

Ion	Ratio	Lower	Upper
104	100		
78	51.1	36.8	68.3