Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091820\
Data File : VU040202.D
Acq On : 18 Sep 2020 11:47
Operator : SY/MD
Sample : L4041-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD7

Quant Time: Sep 18 23:36:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46790	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26828	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.92	69	23354	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.58	63	45318	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.66	46	127856	58.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.00%			
24) Chloroform-d	5.08	84	61679	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	42010	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.75	84	113306	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.70	67	39410	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.90	98	91488	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	8.19	79	16136	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.64	63	91834	53.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38349	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39215	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1591	0.167	ug/L	89
13) Acetone	2.65	43	14574	7.204	ug/L	95
15) Methyl Acetate	2.97	43	3720	0.733	ug/L #	83
21) 2-Butanone	4.73	43	4777	1.446	ug/L	90
33) Benzene	5.79	78	2557	0.070	ug/L	100
42) Toluene	7.98	91	9564	0.254	ug/L	93
53) m,p-Xylene	9.69	106	2039	0.134	ug/L	79
54) o-Xylene	10.10	106	979	0.067	ug/L	69
55) Styrene	10.11	104	7082	0.281	ug/L	88

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

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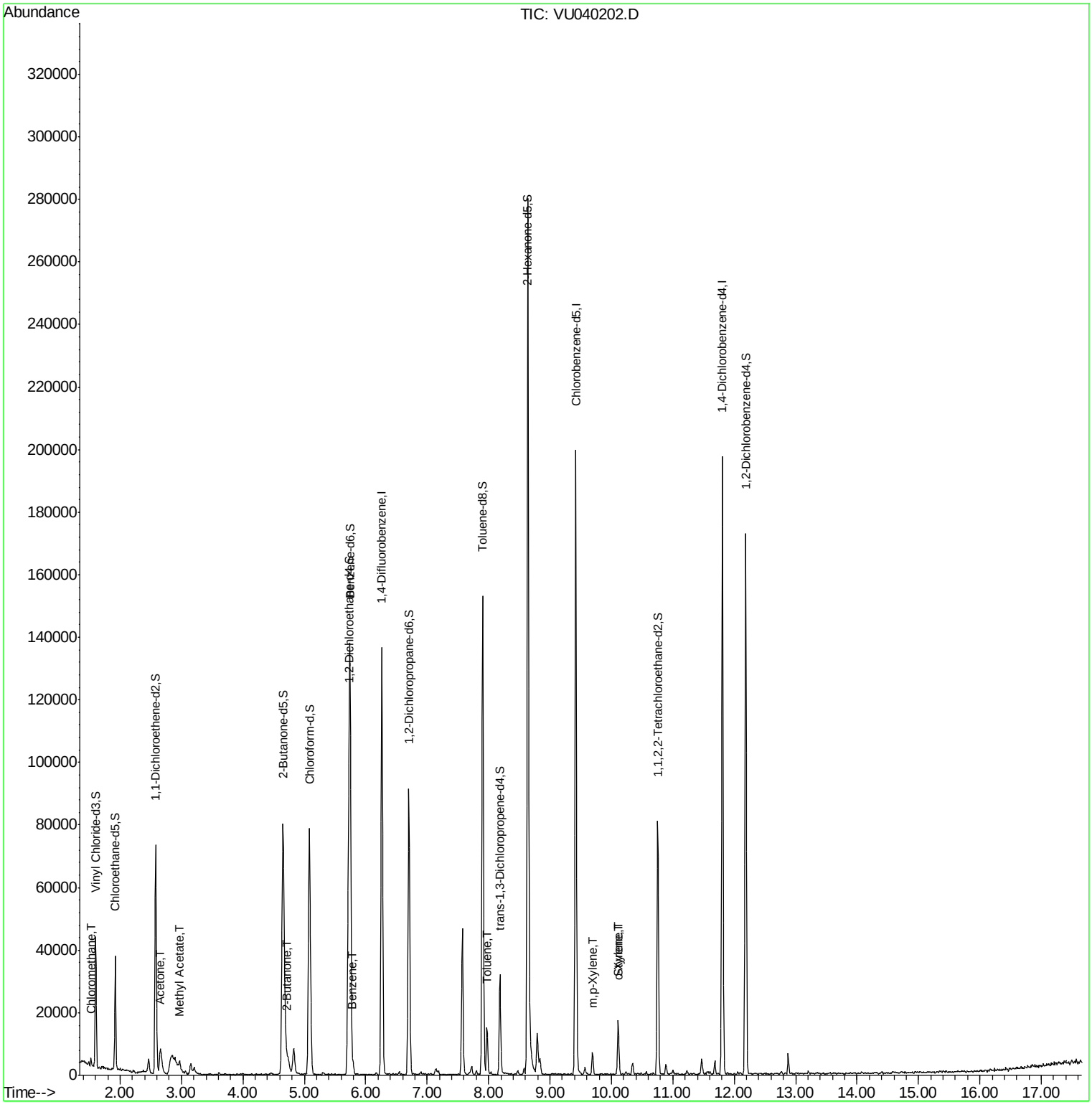
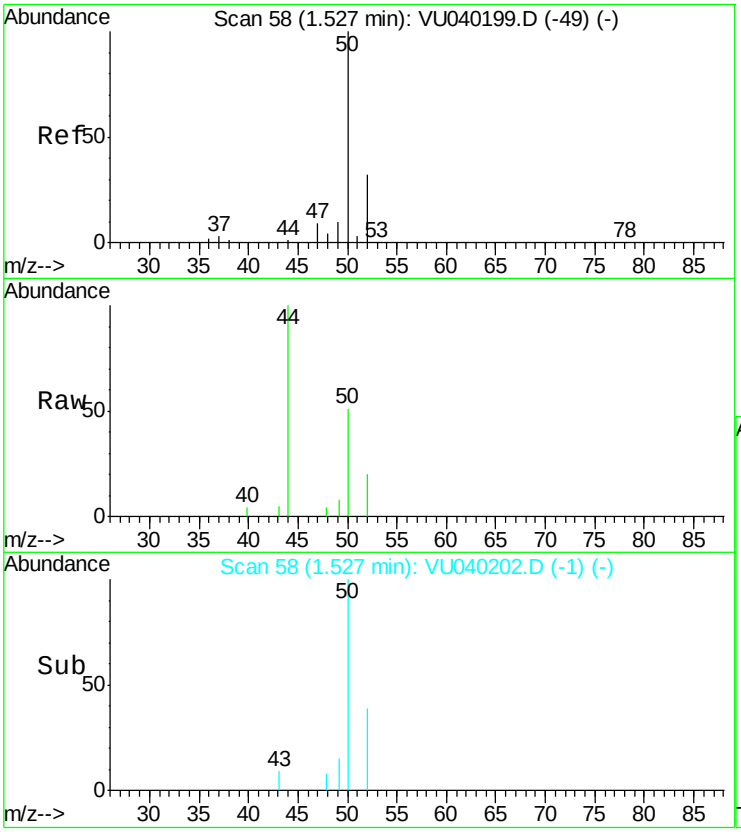


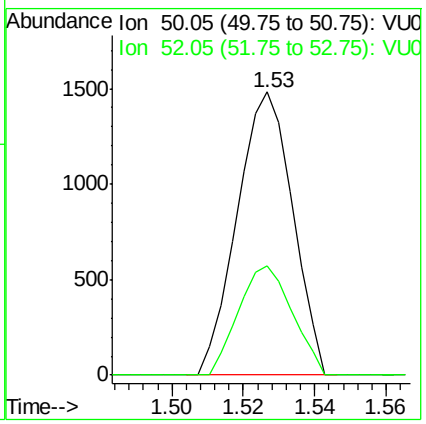


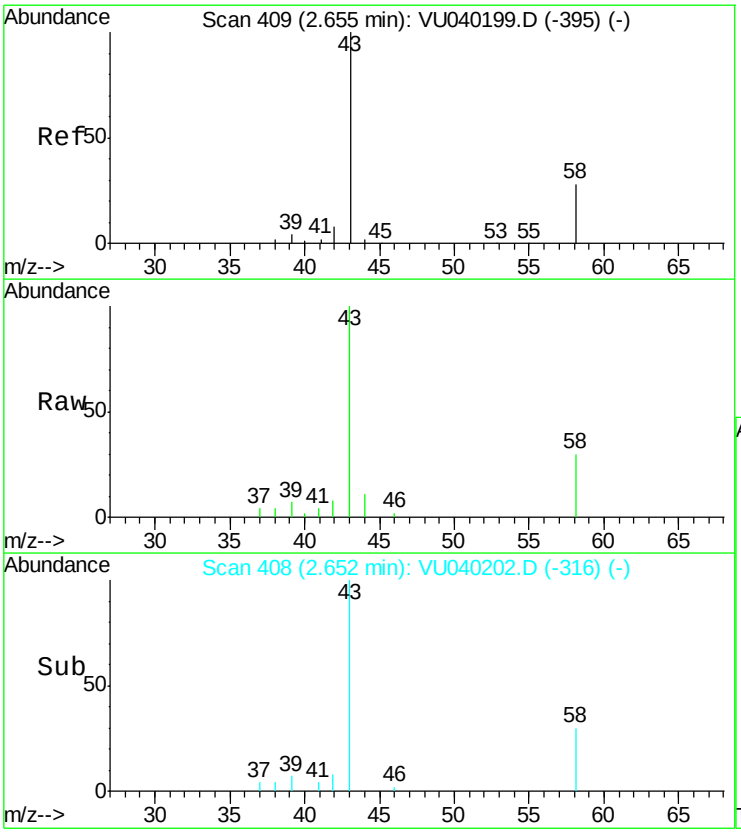
#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

Tgt Ion: 50 Resp: 1591

Ion	Ratio	Lower	Upper
50	100		
52	38.7	22.8	42.4

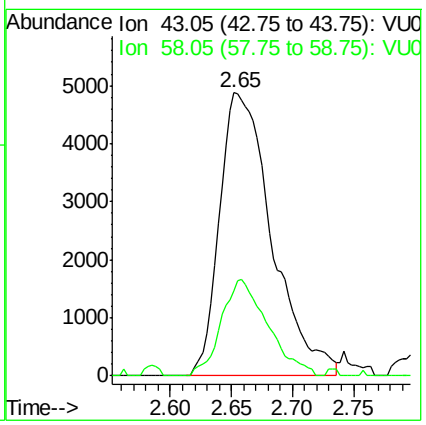


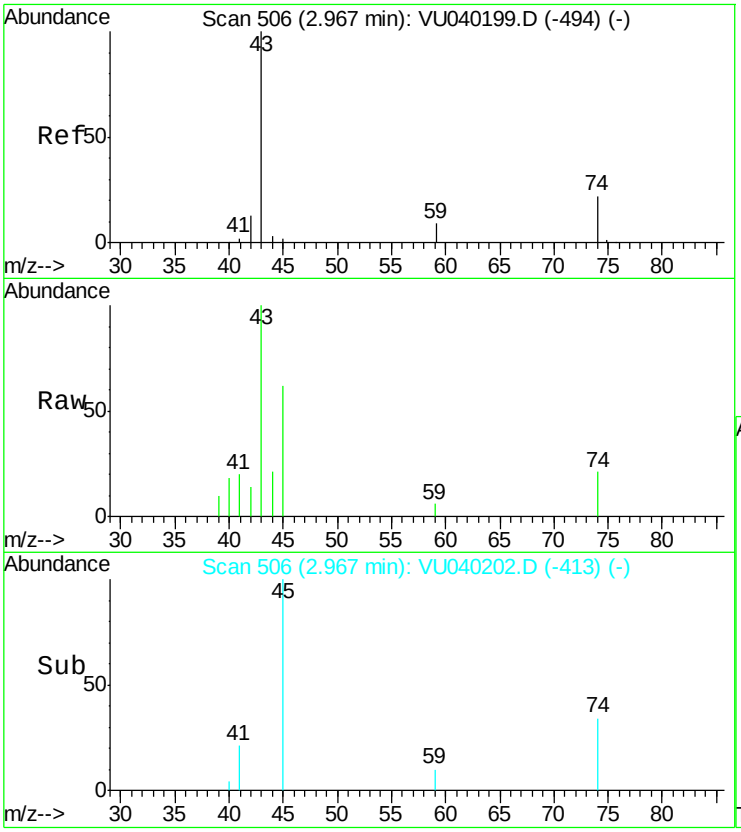


#13
Acetone
Concen: 7.204 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion: 43 Resp: 14574

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	55.4



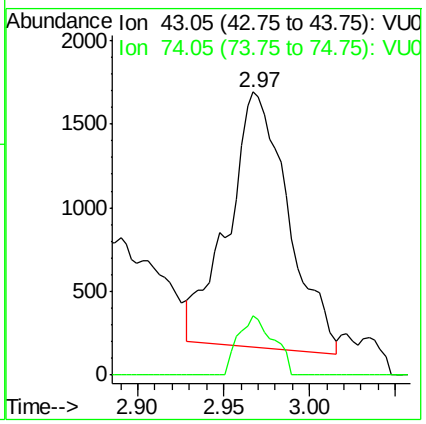


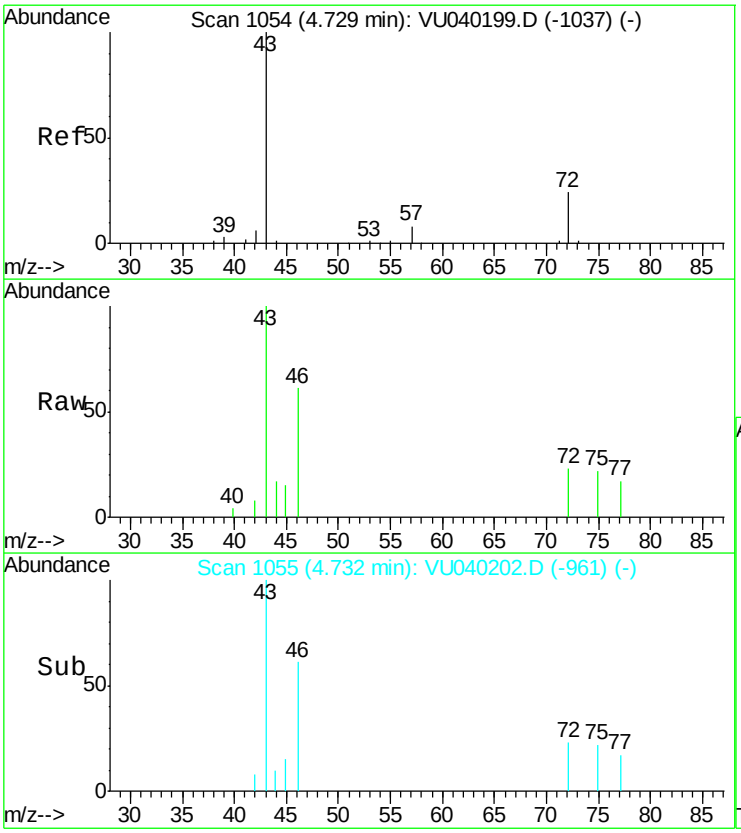
#15
Methyl Acetate
Concen: 0.733 ug/L
RT: 2.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument : MSVOA_U
ClientSampleId : C0AD7

Tgt Ion: 43 Resp: 3720

Ion	Ratio	Lower	Upper
43	100		
74	13.6	17.4	26.0#

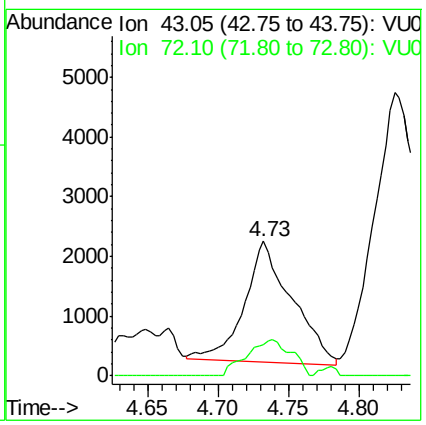


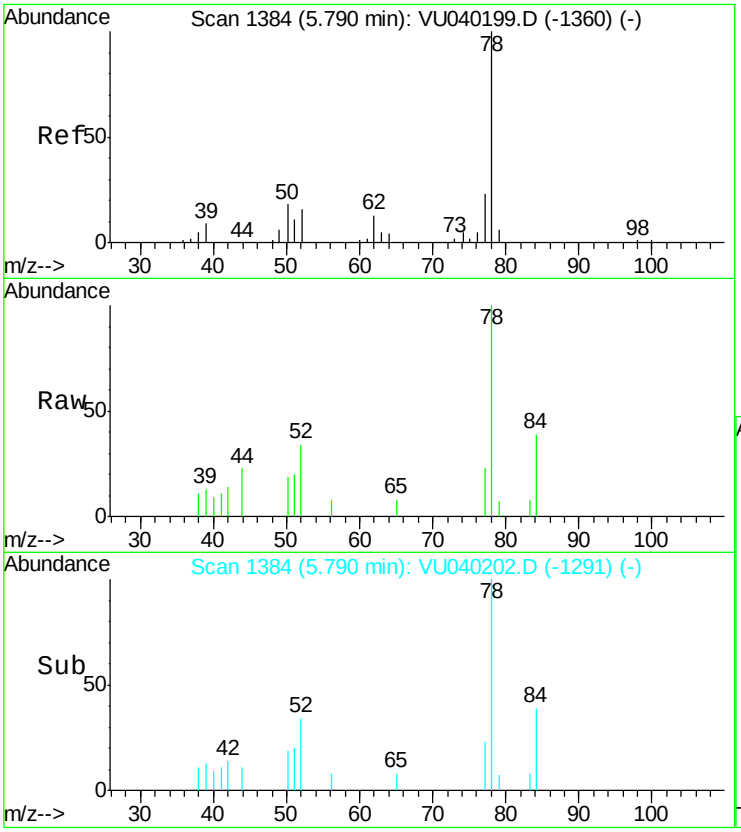


#21
2-Butanone
Concen: 1.446 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion: 43 Resp: 4777

Ion	Ratio	Lower	Upper
43	100		
72	28.1	11.7	35.0

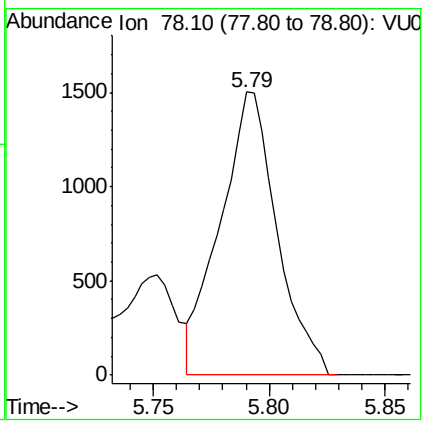


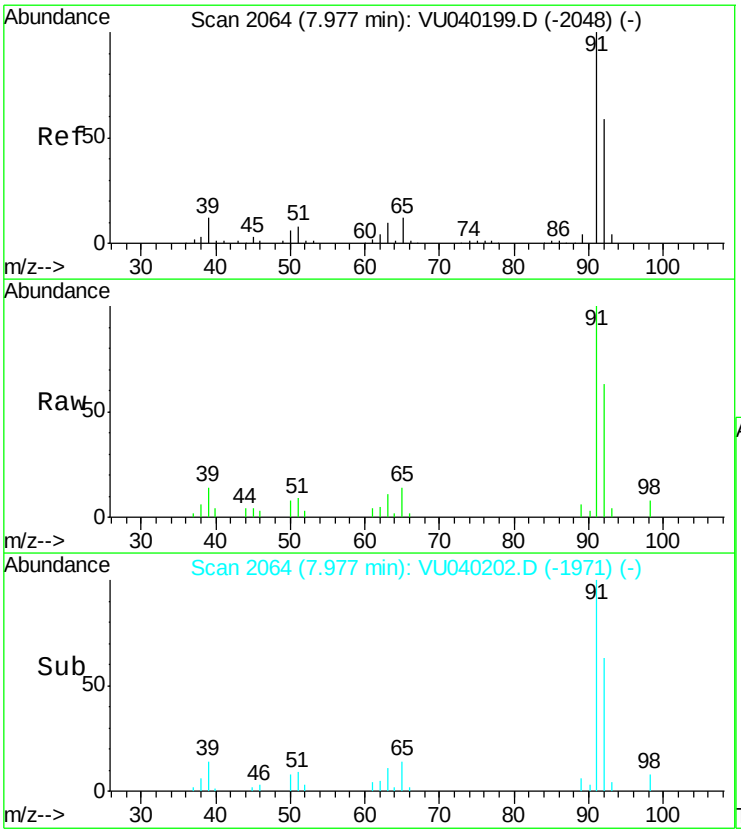


#33
Benzene
Concen: 0.070 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

Tgt Ion: 78 Resp: 2557

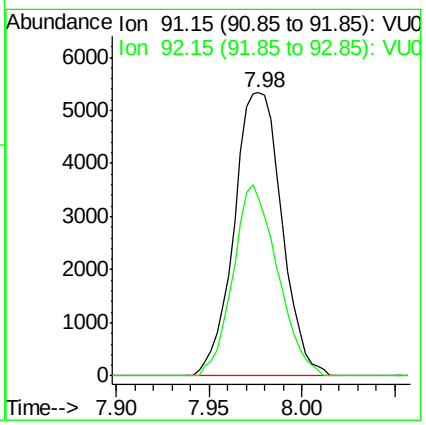


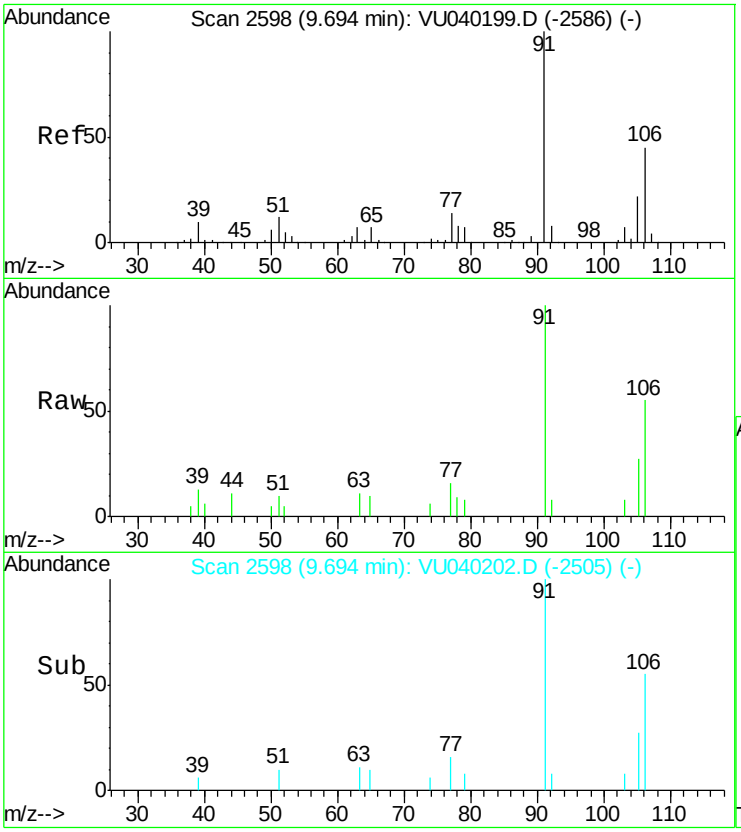


#42
Toluene
Concen: 0.254 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion: 91 Resp: 9564

Ion	Ratio	Lower	Upper
91	100		
92	63.0	40.7	75.5



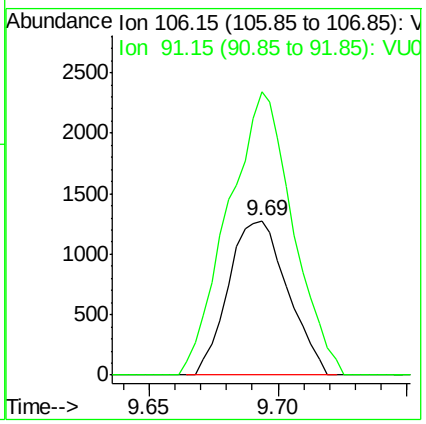


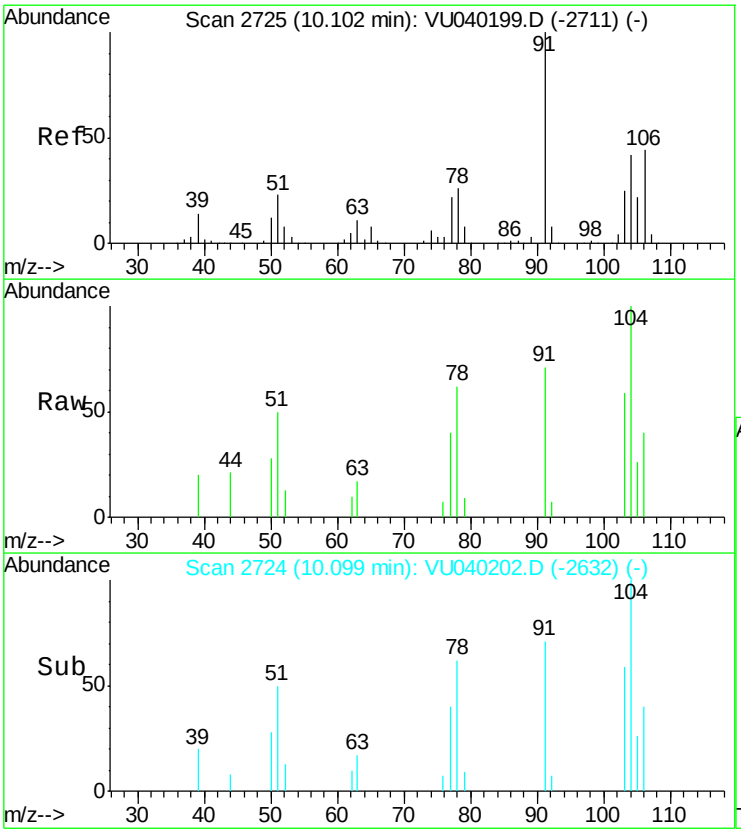
#53
m,p-Xylene
Concen: 0.134 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

Tgt Ion:106 Resp: 2039

Ion	Ratio	Lower	Upper
106	100		
91	183.2	151.7	281.7

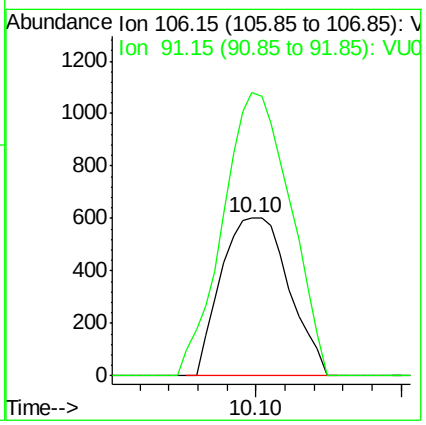


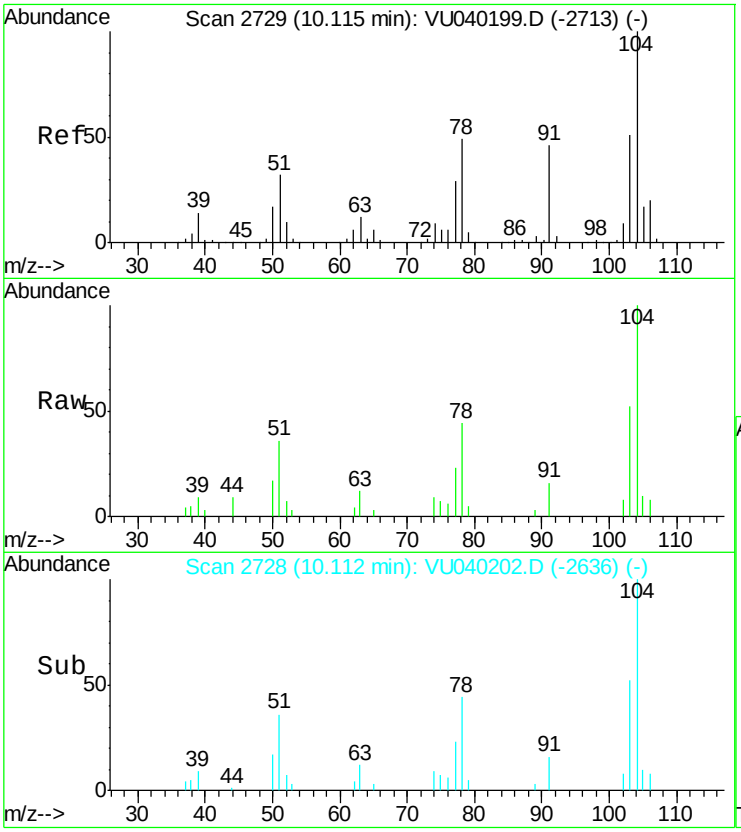


#54
o-Xylene
Concen: 0.067 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion:106 Resp: 979

Ion	Ratio	Lower	Upper
106	100		
91	178.6	160.8	298.6





#55
Stvrene
Concen: 0.281 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

Tgt Ion:104 Resp: 7082

Ion	Ratio	Lower	Upper
104	100		
78	43.9	36.8	68.3