Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040907.D
Acq On : 22 Oct 2020 15:16
Operator : SY/MD
Sample : L4447-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ57

Quant Time: Oct 23 01:07:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	214530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	226147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95953	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	60788	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	59614	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.58	63	94873	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.65	46	293460	56.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.40%			
24) Chloroform-d	5.08	84	150083	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	93406	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.75	84	256505	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
36) 1,2-Dichloropropane-d6	6.70	67	94441	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.91	98	196829	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	8.19	79	34604	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.64	63	208510	51.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.98%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	88445	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	81268	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
13) Acetone	2.65	43	46625	12.704	ug/L	99
16) Methylene chloride	3.06	84	6760	0.350	ug/L	94
21) 2-Butanone	4.74	43	5254	0.950	ug/L	97
27) 1,2-Dichloroethane	5.81	62	44766	1.960	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	8886	0.675	ug/L #	83
52) Ethylbenzene	9.57	91	11024	0.140	ug/L	95
53) m,p-Xylene	9.69	106	14679	0.519	ug/L	100
54) o-Xylene	10.10	106	7766	0.289	ug/L	83

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
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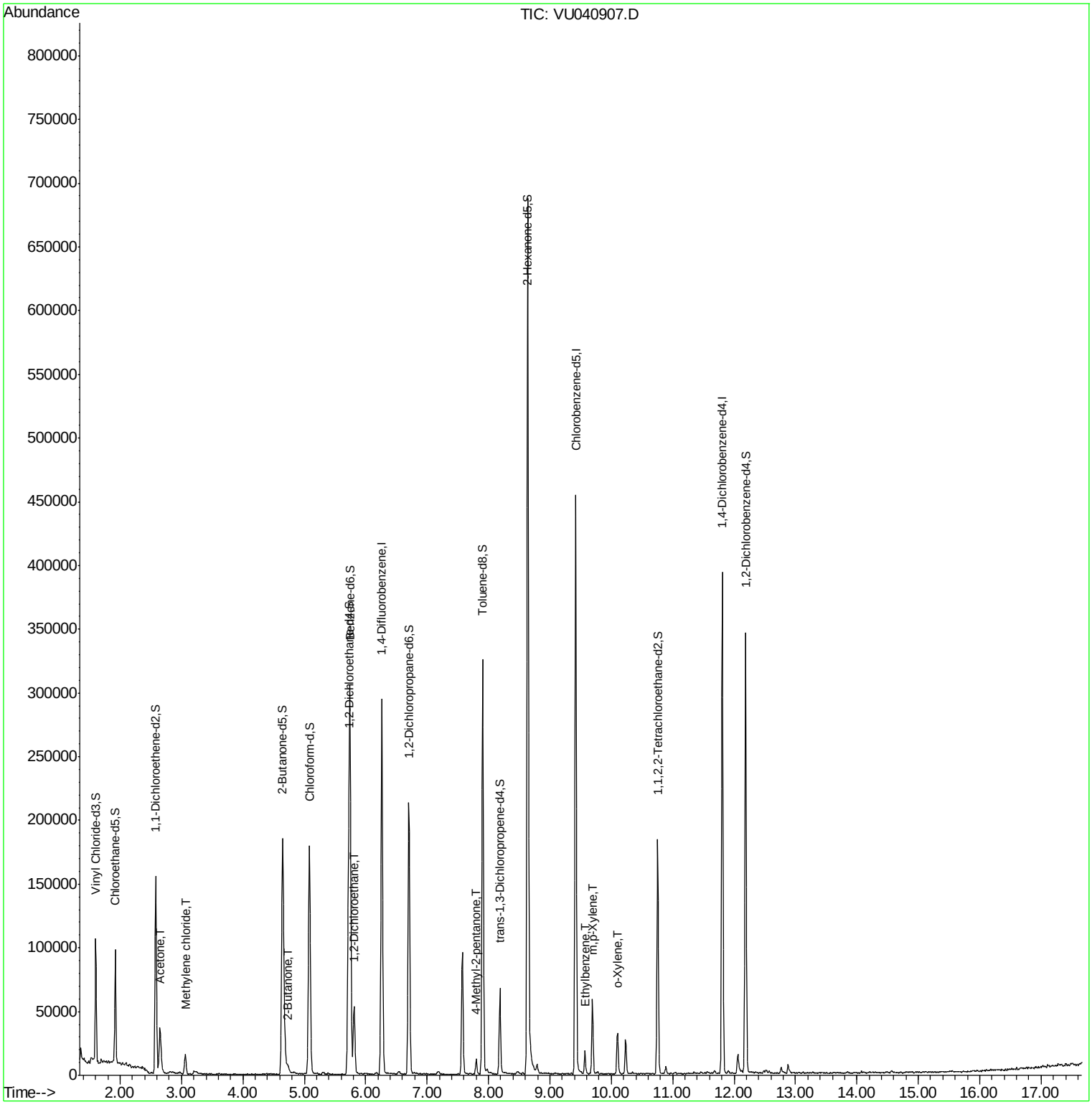
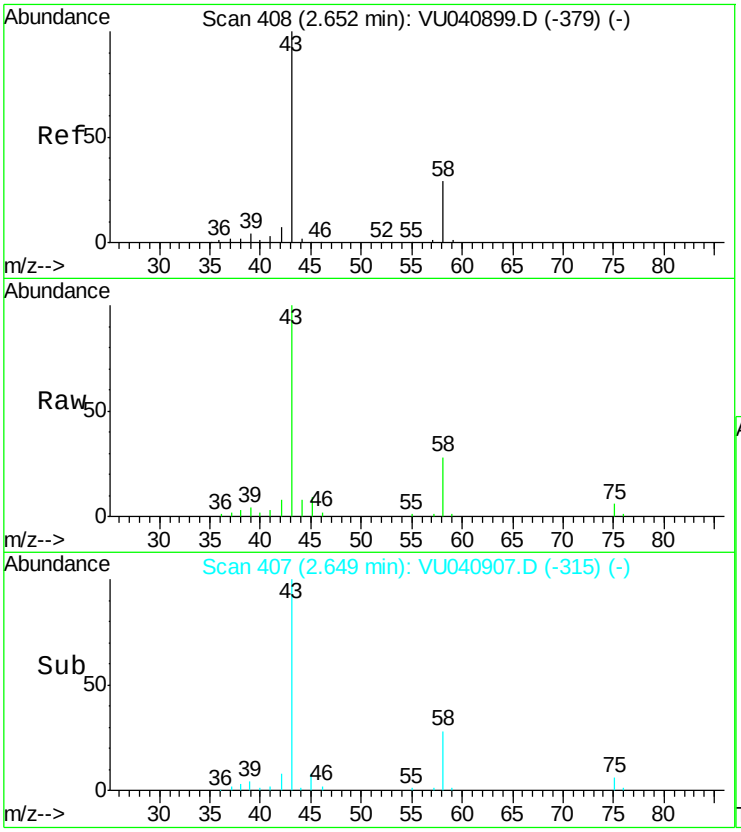


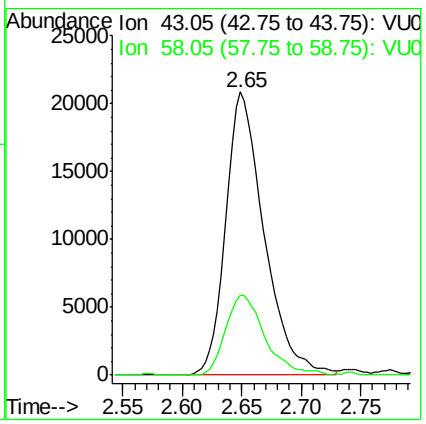


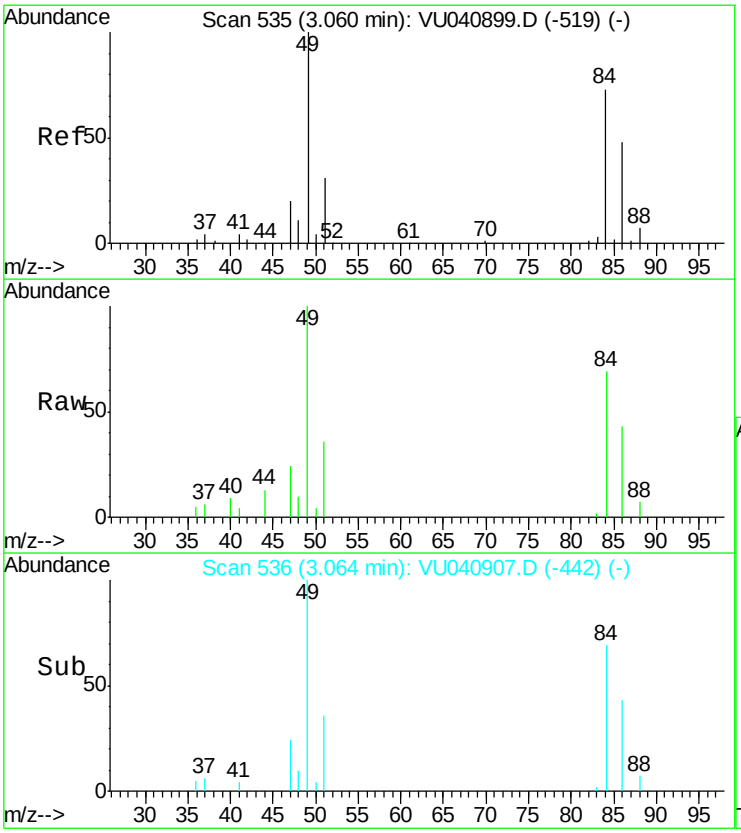
#13
Acetone
Concen: 12.704 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Instrument :
MSVOA_U
ClientSampleId :
ETZ57

Tgt Ion: 43 Resp: 46625

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	58.6

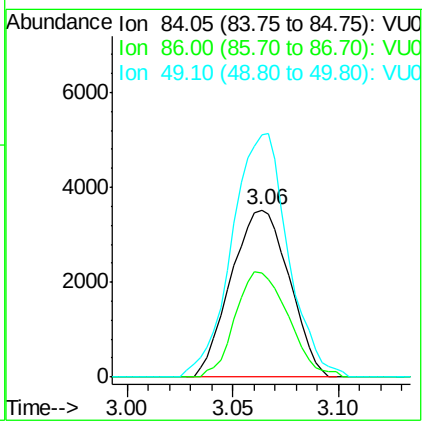


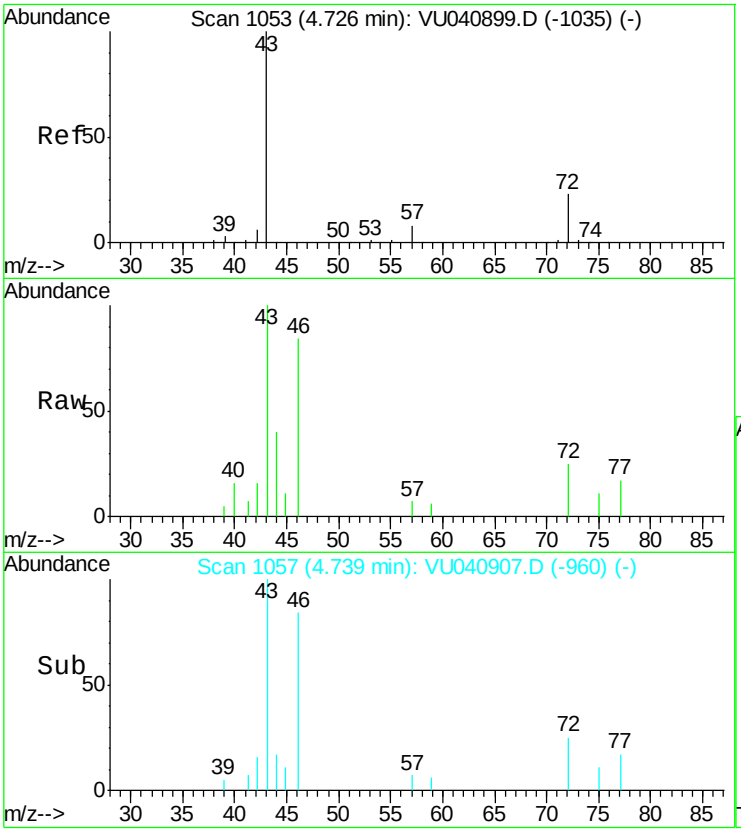


#16
Methylene chloride
Concen: 0.350 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Tgt Ion: 84 Resp: 6760

Ion	Ratio	Lower	Upper
84	100		
86	62.5	44.9	83.5
49	145.0	94.7	175.9



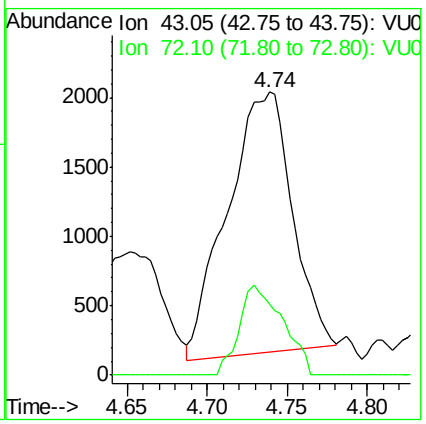


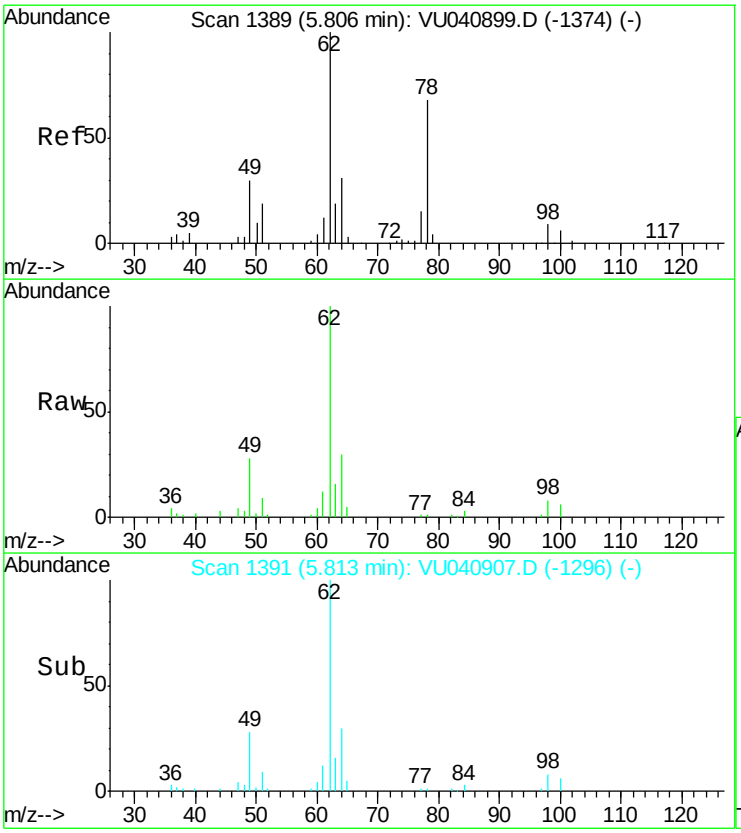
#21
2-Butanone
Concen: 0.950 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Instrument : MSVOA_U
ClientSampleId : ETZ57

Tgt Ion: 43 Resp: 5254

Ion	Ratio	Lower	Upper
43	100		
72	23.0	12.2	36.4

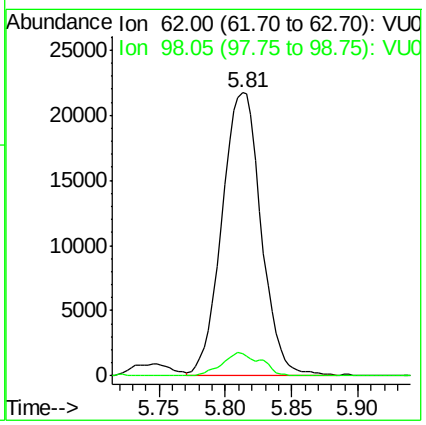


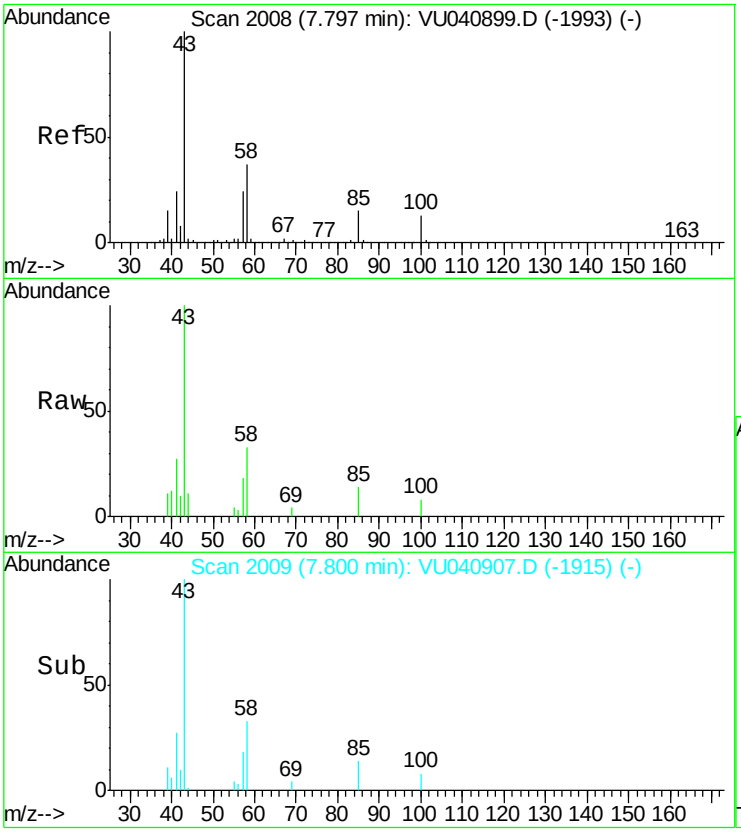


#27
1,2-Dichloroethane
Concen: 1.960 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Tgt Ion: 62 Resp: 44766

Ion	Ratio	Lower	Upper
62	100		
98	8.1	7.0	10.6



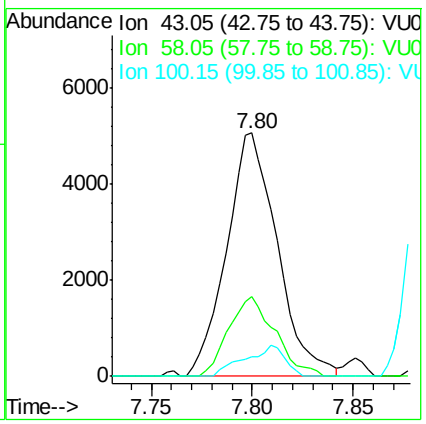


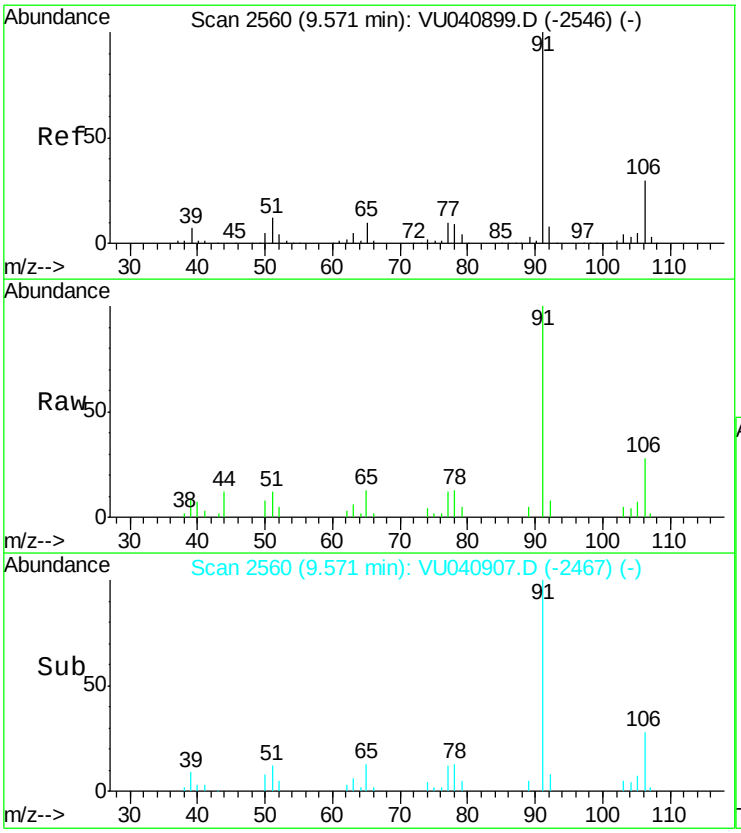
#40
4-Methyl-2-pentanone
Concen: 0.675 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Instrument : MSVOA_U
ClientSampleId : ETZ57

Tgt Ion: 43 Resp: 8886

Ion	Ratio	Lower	Upper
43	100		
58	30.2	29.7	44.5
100	0.0	10.6	16.0#

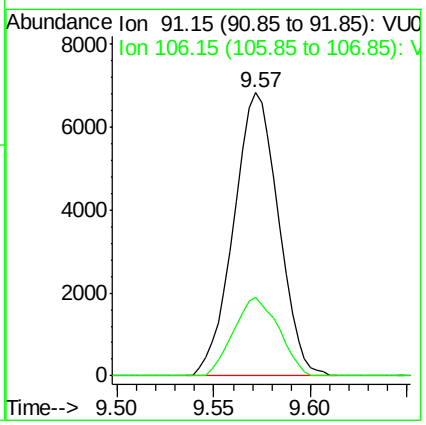


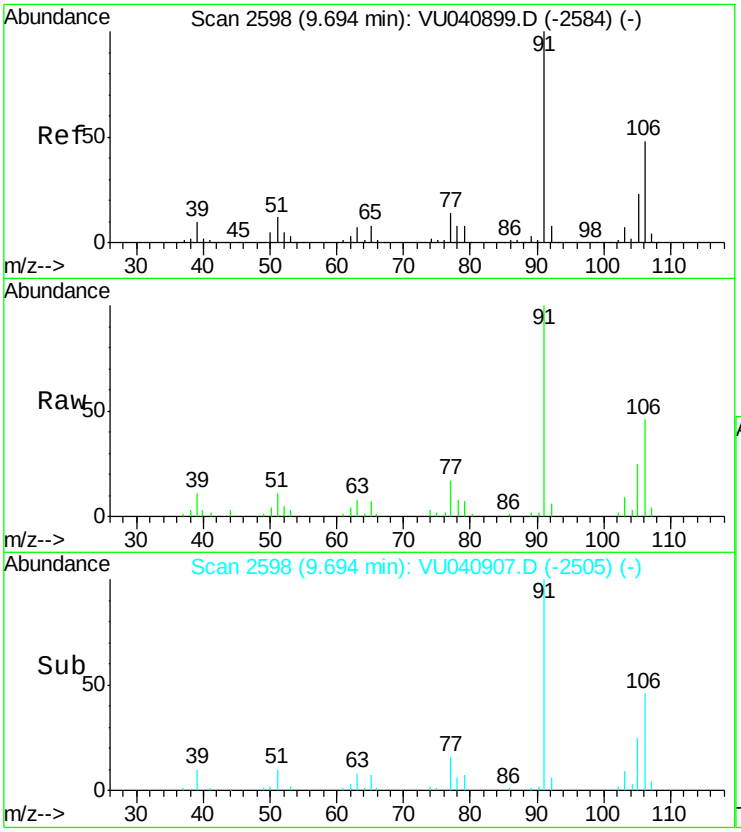


#52
Ethylbenzene
Concen: 0.140 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Tgt Ion: 91 Resp: 11024

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.2	39.4



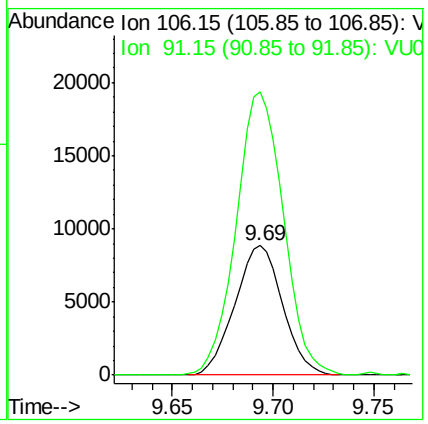


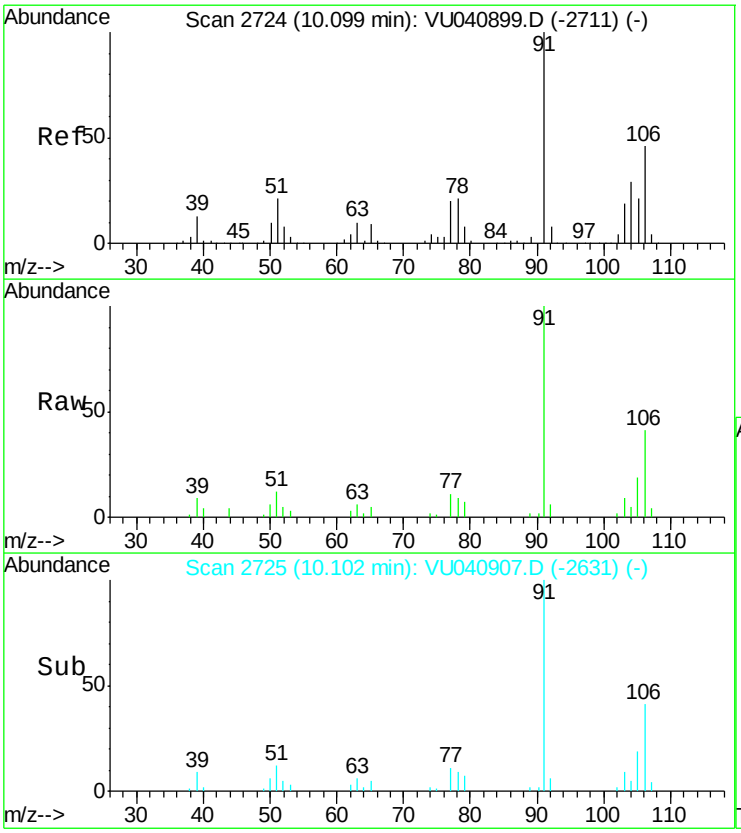
#53
m,p-Xylene
Concen: 0.519 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Instrument :
MSVOA_U
ClientSampleId :
ETZ57

Tgt Ion:106 Resp: 14679

Ion	Ratio	Lower	Upper
106	100		
91	218.7	153.3	284.7





#54
o-Xylene
Concen: 0.289 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040907.D
Acq: 22 Oct 2020 15:16

Tgt Ion:106 Resp: 7766

Ion	Ratio	Lower	Upper
106	100		
91	246.1	153.6	285.2