Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\

Quantitation Report (Not Reviewed)

Data File : VU034892.D
Acq On : 01 Oct 2019 16:59
Operator : JC/SP
Sample : VLEB#40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VLEB01

Quant Time: Oct 02 01:53:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	334624	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	325003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	128126	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	102267	43.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.20%			
7) Chloroethane-d5	1.67	69	90188	45.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.54%			
11) 1,1-Dichloroethene-d2	2.26	63	157814	37.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.48%			
21) 2-Butanone-d5	4.15	46	237574	103.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.81%			
24) Chloroform-d	4.62	84	217677	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.66%			
26) 1,2-Dichloroethane-d4	5.29	65	161483	48.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.64%			
32) Benzene-d6	5.32	84	426857	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.52%			
36) 1,2-Dichloropropane-d6	6.31	67	150888	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.22%			
41) Toluene-d8	7.54	98	393485	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.54%			
43) trans-1,3-Dichloropropene-	7.83	79	65314	48.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.96%			
47) 2-Hexanone-d5	8.29	63	149434	102.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.63%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	212046	48.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.62%			
64) 1,2-Dichlorobenzene-d4	11.84	152	130682	51.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.52%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.25	96	1144	0.912	ug/L #	1
13) Acetone	2.31	43	9473	5.208	ug/L	97
15) Methyl Acetate	2.61	43	3289	1.133	ug/L #	72
16) Methylene chloride	2.68	84	208175	113.561	ug/L	98
40) 4-Methyl-2-pentanone	7.40	43	68301	14.369	ug/L #	55
44) trans-1,3-Dichloropropene	7.83	75	3659	1.214	ug/L	99
48) 2-Hexanone	8.29	43	90144	24.990	ug/L #	50

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

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VLEB01

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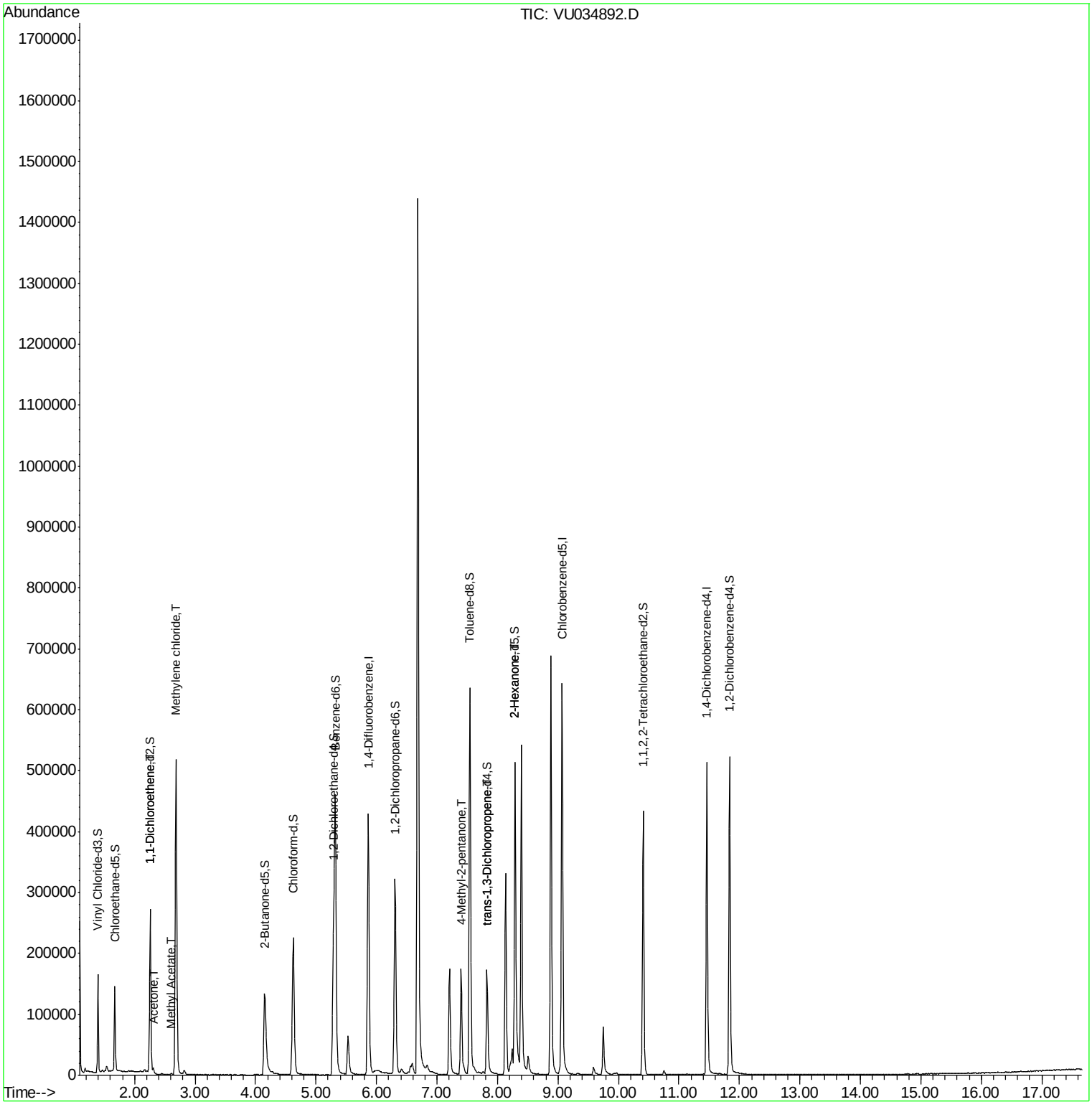
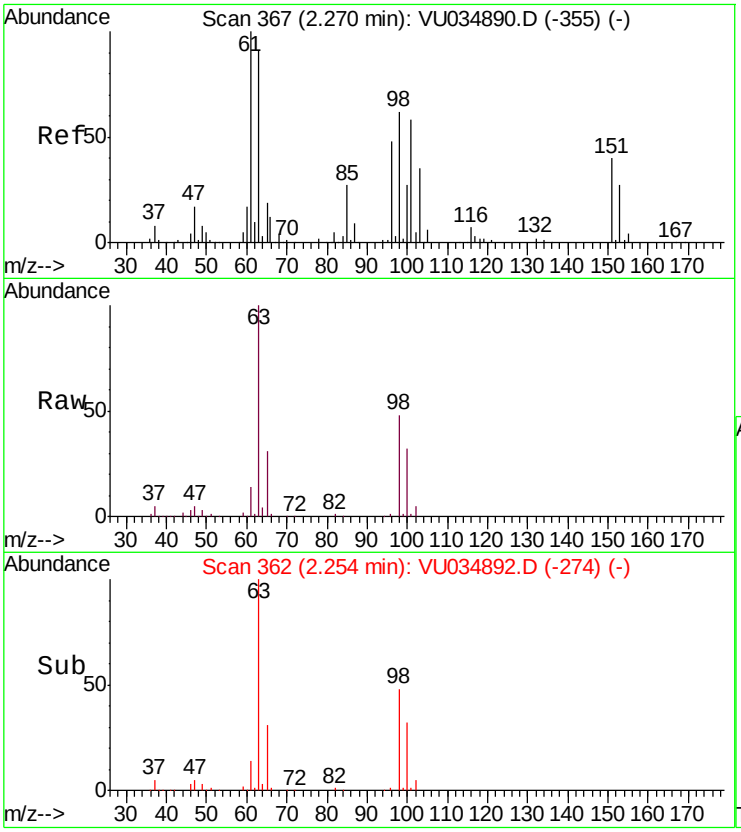
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration



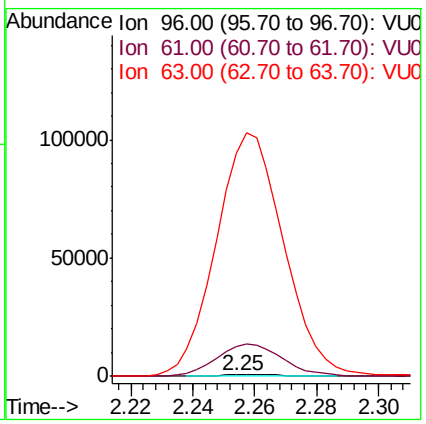


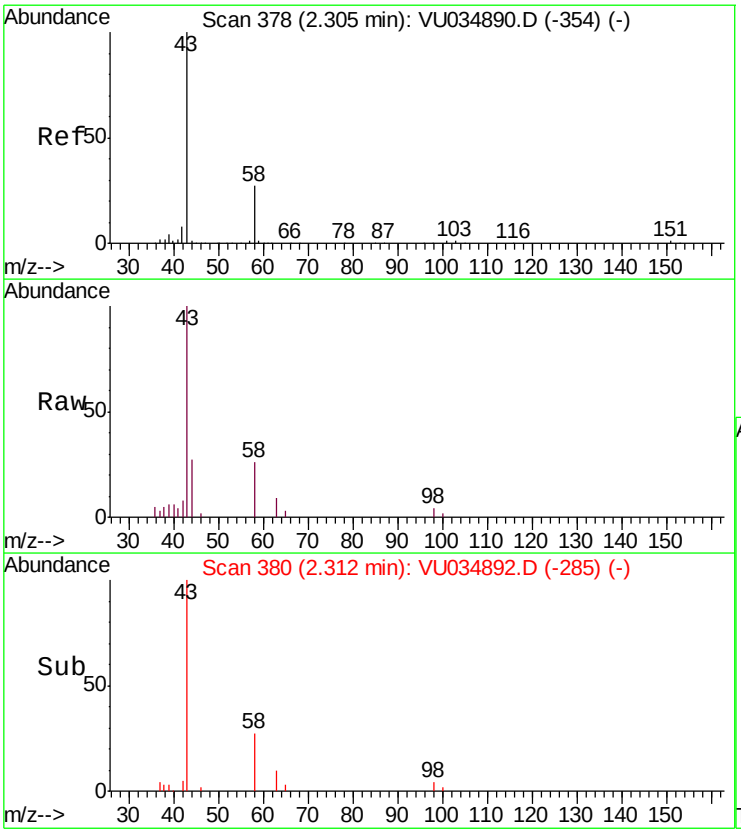
#12
1,1-Dichloroethene
Concen: 0.912 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 96 Resp: 1144

Ion	Ratio	Lower	Upper
96	100		
61	1979.6	147.0	273.0#
63	14620.4	140.5	260.9#

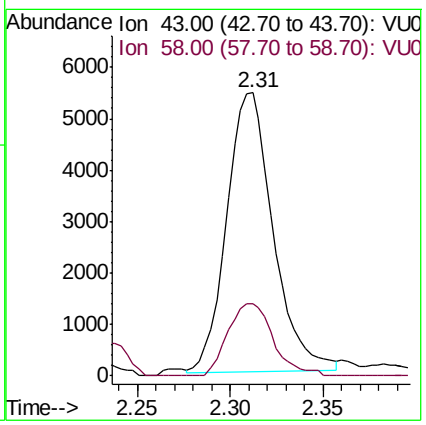


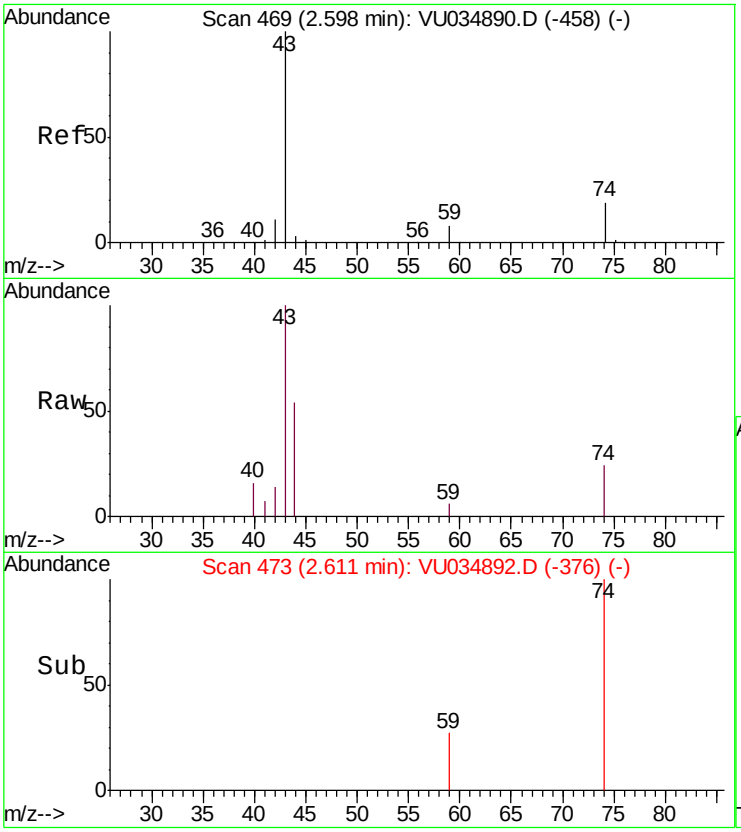


#13
Acetone
Concen: 5.208 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Tgt Ion: 43 Resp: 9473

Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.0	52.6



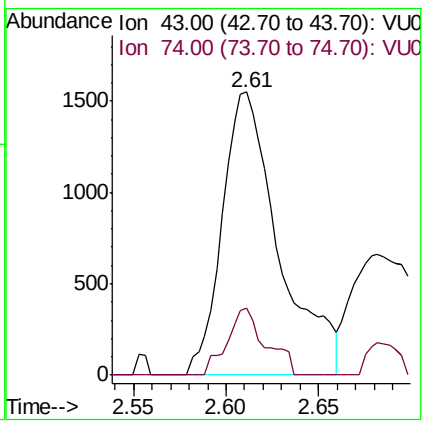


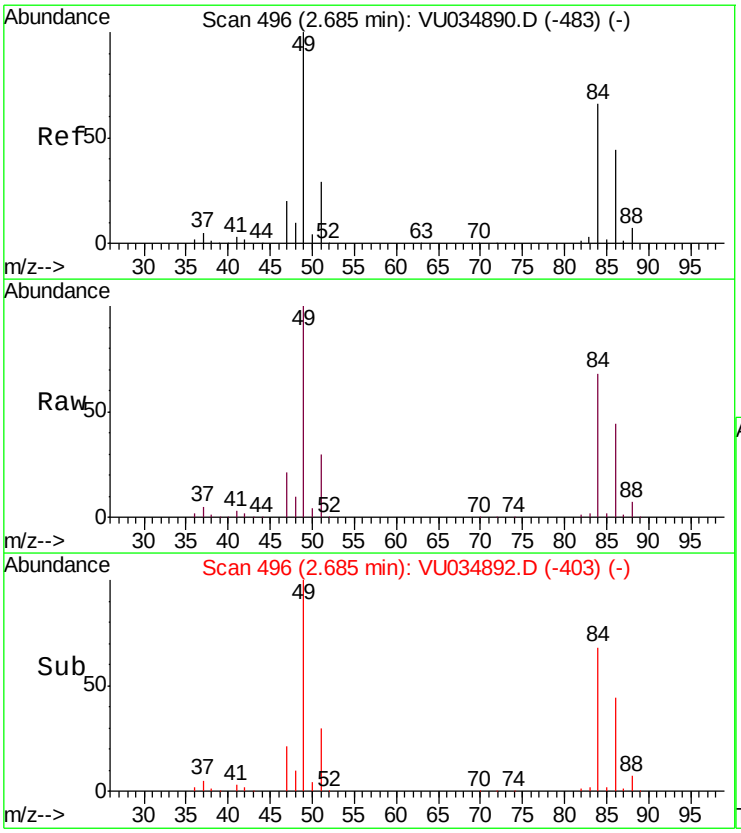
#15
Methyl Acetate
Concen: 1.133 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 43 Resp: 3289

Ion	Ratio	Lower	Upper
43	100		
74	6.4	15.3	22.9#

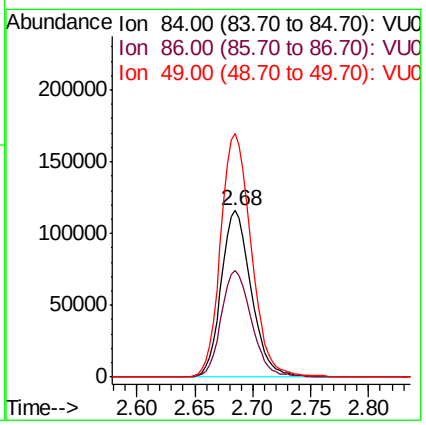


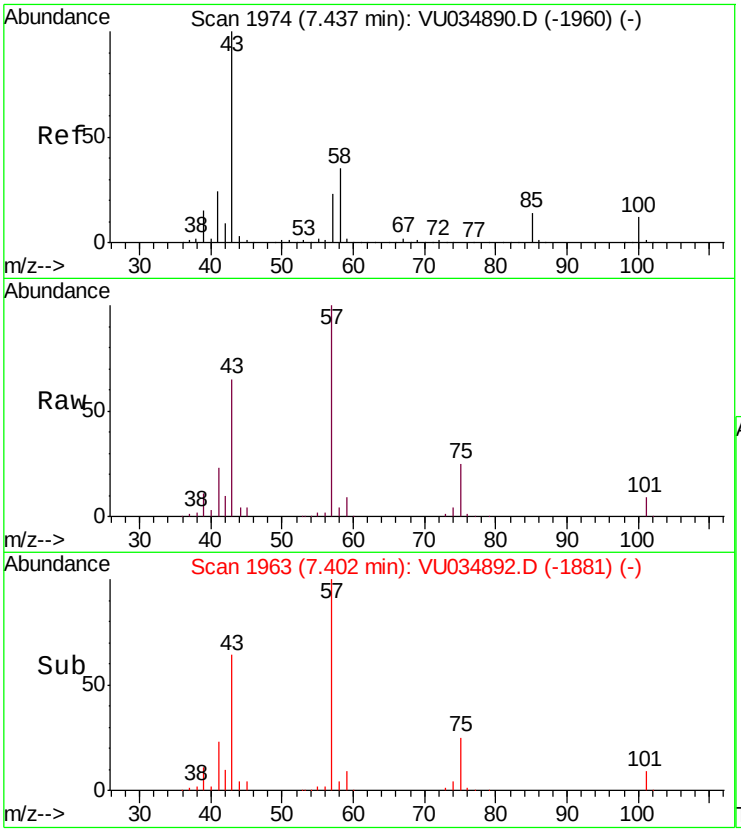


#16
Methylene chloride
Concen: 113.561 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Tgt Ion: 84 Resp: 208175

Ion	Ratio	Lower	Upper
84	100		
86	63.9	44.7	82.9
49	146.5	100.7	186.9



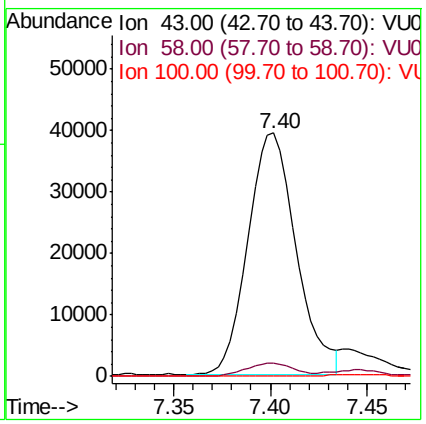


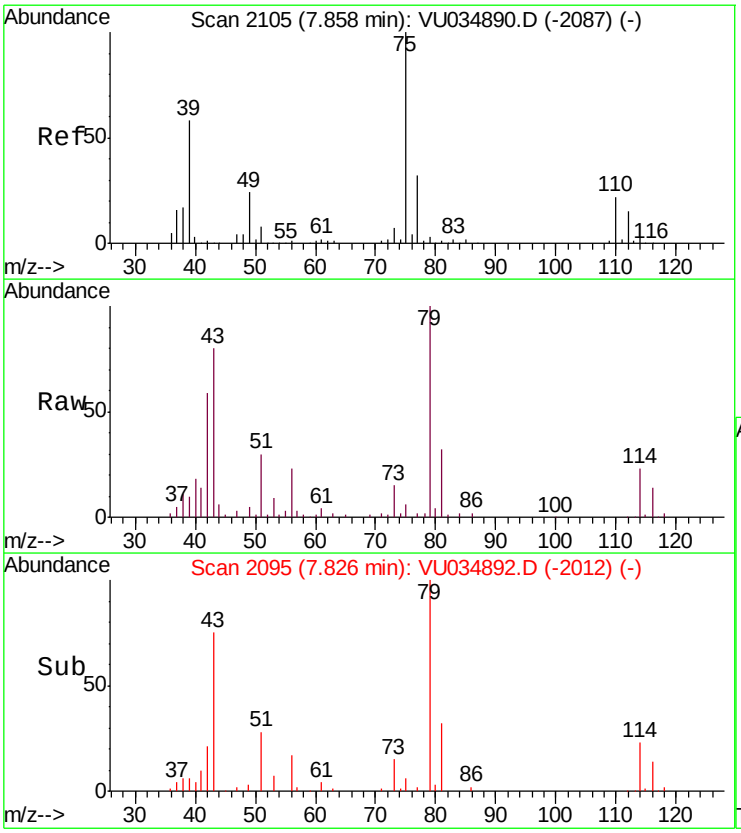
#40
4-Methyl-2-pentanone
Concen: 14.369 ug/L
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Instrument : MSVOA_U
ClientSampleId : VLEB01

Tgt Ion: 43 Resp: 68301

Ion	Ratio	Lower	Upper
43	100		
58	5.3	27.5	41.3#
100	0.0	9.0	13.6#

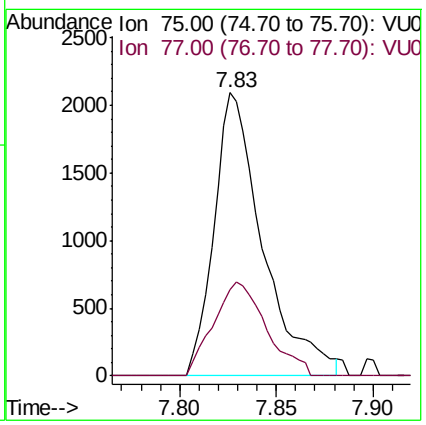


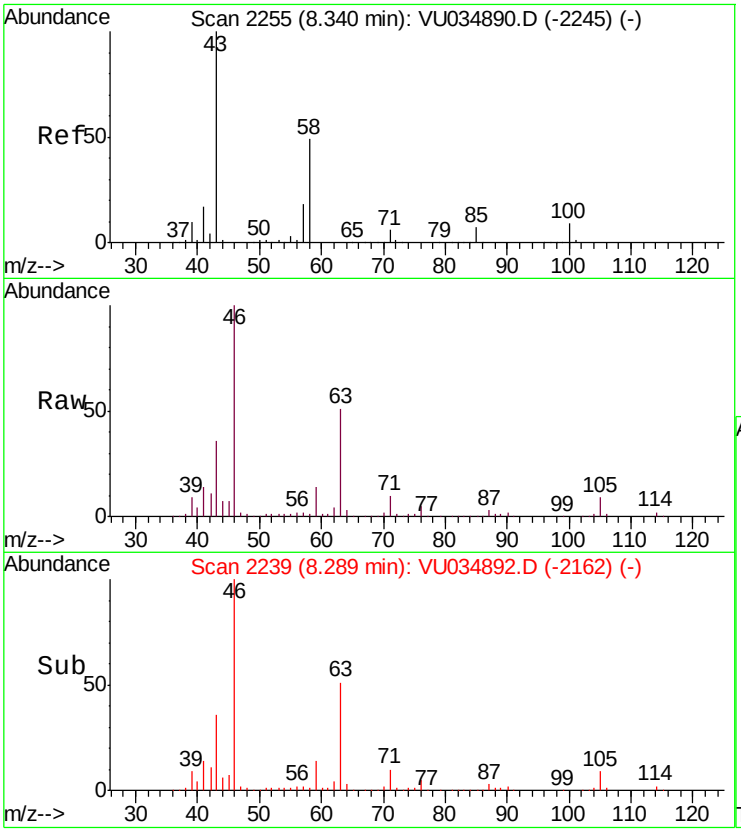


#44
trans-1,3-Dichloropropene
Concen: 1.214 ug/L
RT: 7.83 min Scan# 2095
Delta R.T. -0.03 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Tgt Ion: 75 Resp: 3659

Ion	Ratio	Lower	Upper
75	100		
77	30.4	21.0	39.0





#48
2-Hexanone
Concen: 24.990 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034892.D
Acq: 01 Oct 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 43 Resp: 90144

Ion	Ratio	Lower	Upper
43	100		
58	5.4	37.8	56.8#
57	4.2	13.4	20.0#
100	0.1	7.1	10.7#