Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038564.D
Acq On : 05 Jun 2020 11:53
Operator : SY/MD
Sample : L2860-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D23

Quant Time: Jun 06 00:38:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	337768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	335251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172904	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	61413	2.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.20%			
7) Chloroethane-d5	1.93	69	56200	3.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.00%			
11) 1,1-Dichloroethene-d2	2.59	63	103737	2.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 48.20%#			
20) 2-Butanone-d5	4.67	46	290323	43.72	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.44%			
24) Chloroform-d	5.10	84	155583	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.80%			
26) 1,2-Dichloroethane-d4	5.74	65	92493	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
32) Benzene-d6	5.76	84	310039	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.00%			
36) 1,2-Dichloropropane-d6	6.72	67	97362	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.60%			
41) Toluene-d8	7.92	98	255203	3.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.00%#			
43) trans-1,3-Dichloropropene-	8.20	79	39318	3.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.00%			
46) 2-Hexanone-d5	8.66	63	243439	44.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.08%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90293	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	113257	3.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 76.00%#			
Target Compounds						Qvalue
13) Acetone	2.67	43	24524	5.643	ug/L	77
16) Methylene chloride	3.08	84	2976	0.126	ug/L	82
27) 1,2-Dichloroethane	5.83	62	10814	0.377	ug/L #	94
30) Cyclohexane	5.42	56	27825	0.748	ug/L	98
33) Benzene	5.81	78	12598	0.135	ug/L	100
56) Isopropylbenzene	10.50	105	50108	0.473	ug/L	97

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

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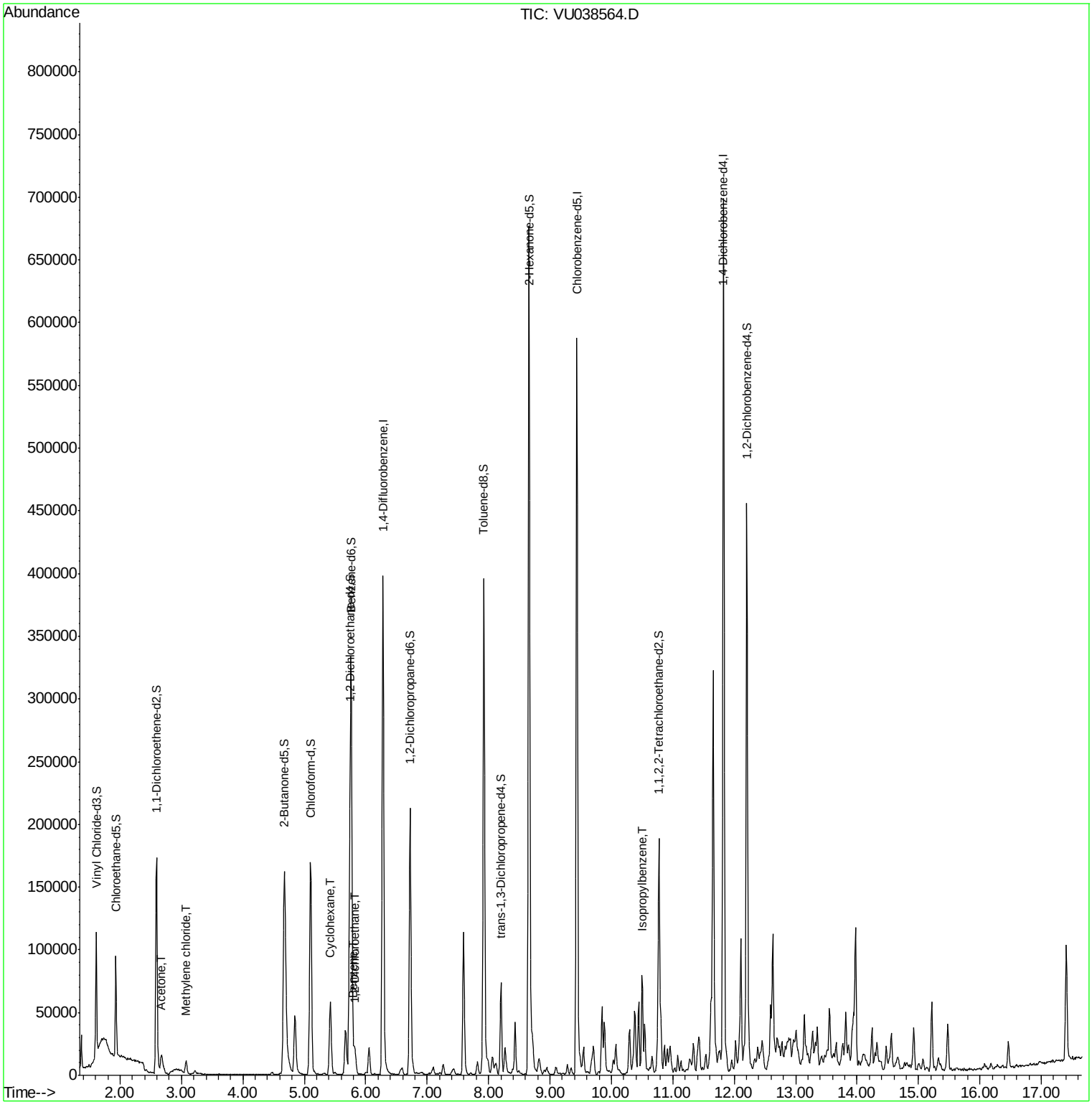
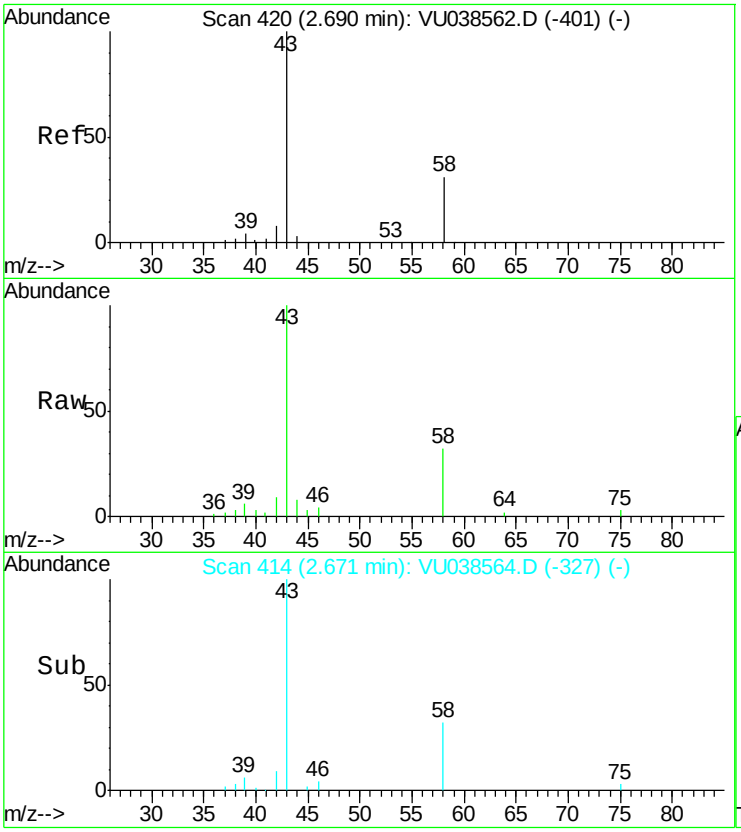
Sample : L2860-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D23

Quant Time: Jun 06 00:38:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration



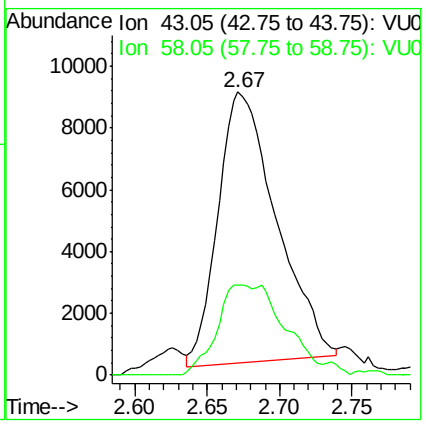


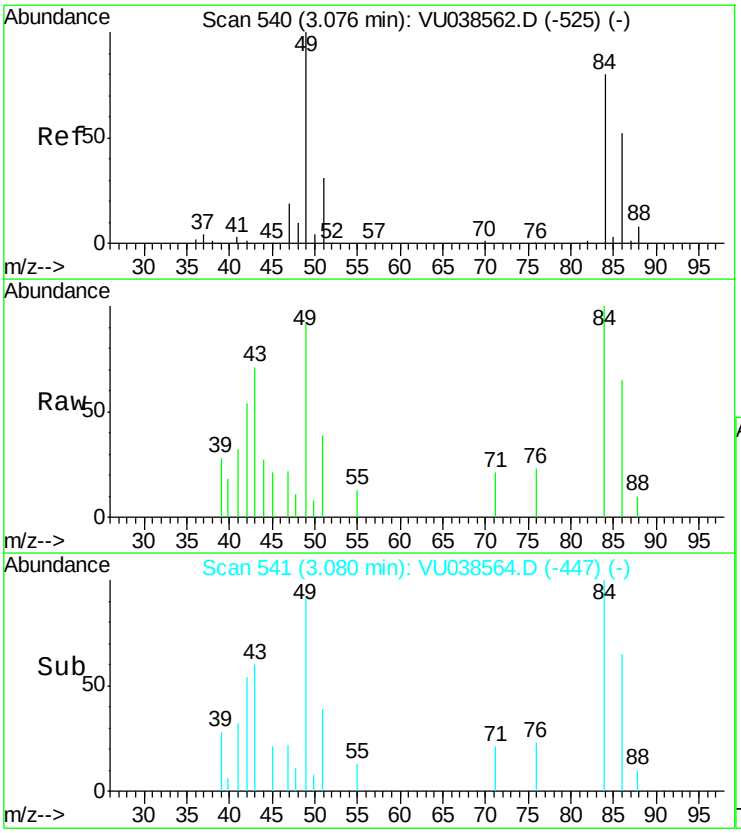
#13
Acetone
Concen: 5.643 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.02 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Instrument :
MSVOA_U
ClientSampleId :
F9D23

Tgt Ion: 43 Resp: 24524

Ion	Ratio	Lower	Upper
43	100		
58	20.0	0.0	65.6

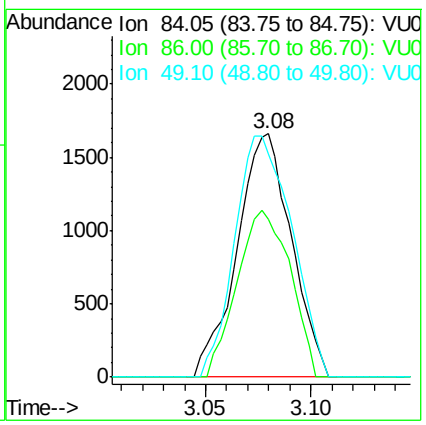


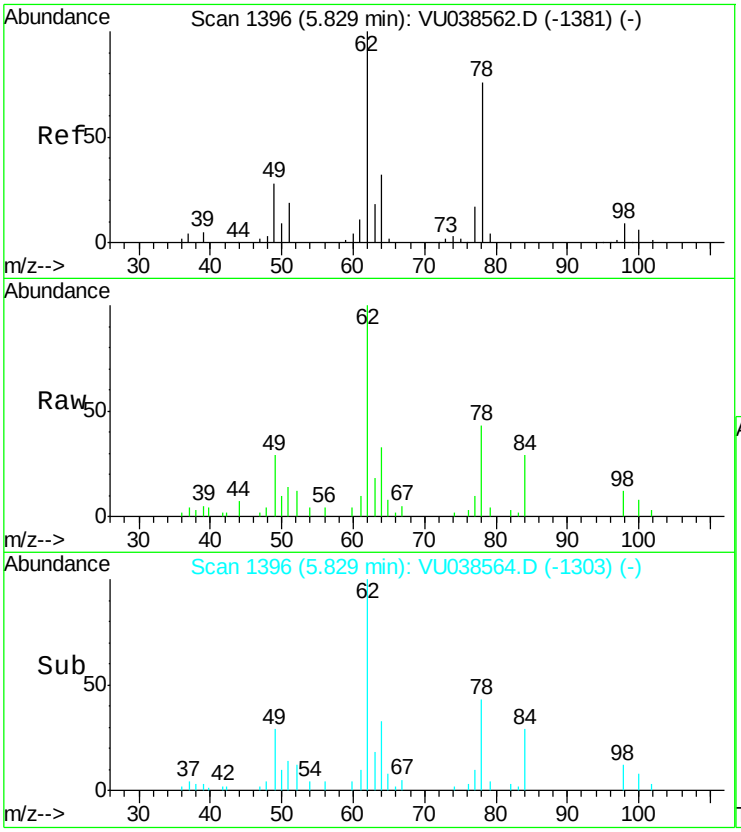


#16
Methylene chloride
Concen: 0.126 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Tgt Ion: 84 Resp: 2976

Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.0	83.6
49	91.9	85.5	158.9



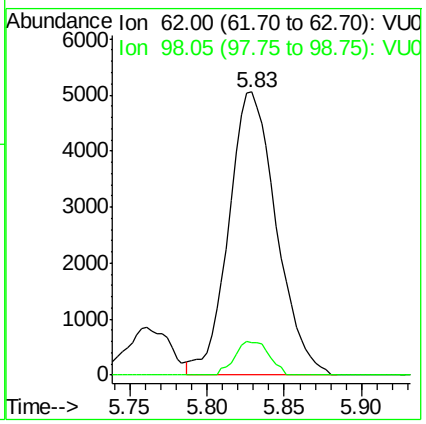


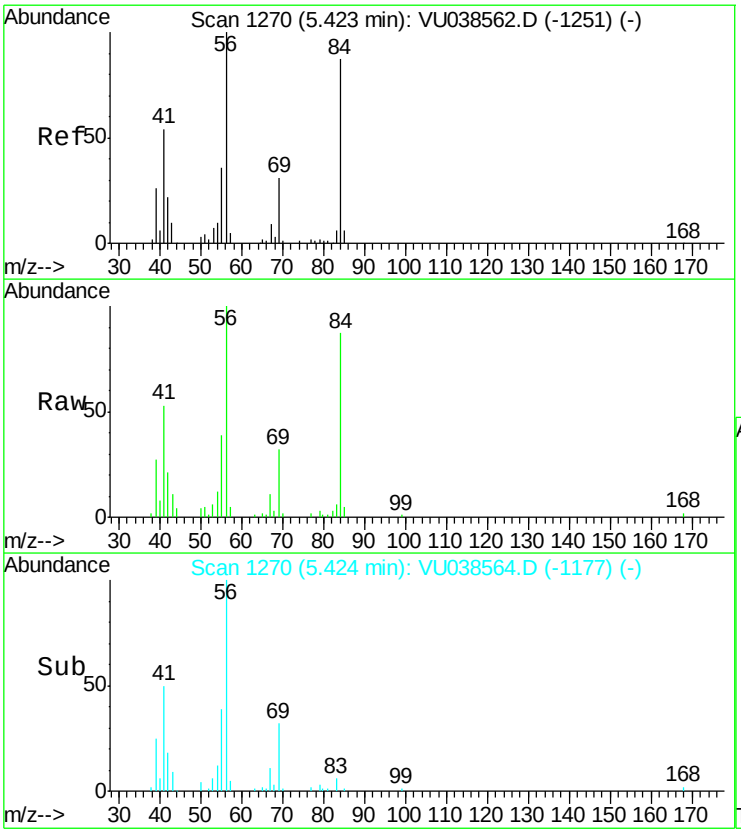
#27
1,2-Dichloroethane
Concen: 0.377 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Instrument : MSVOA_U
ClientSampleId : F9D23

Tgt Ion: 62 Resp: 10814

Ion	Ratio	Lower	Upper
62	100		
98	11.5	7.4	11.2#

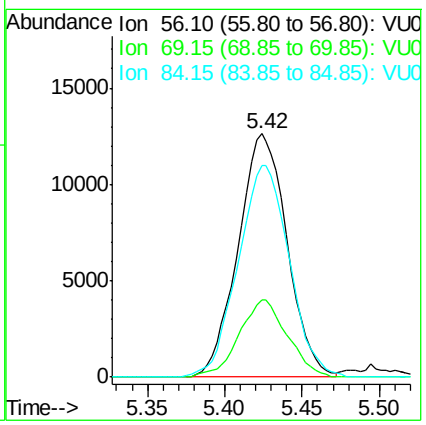


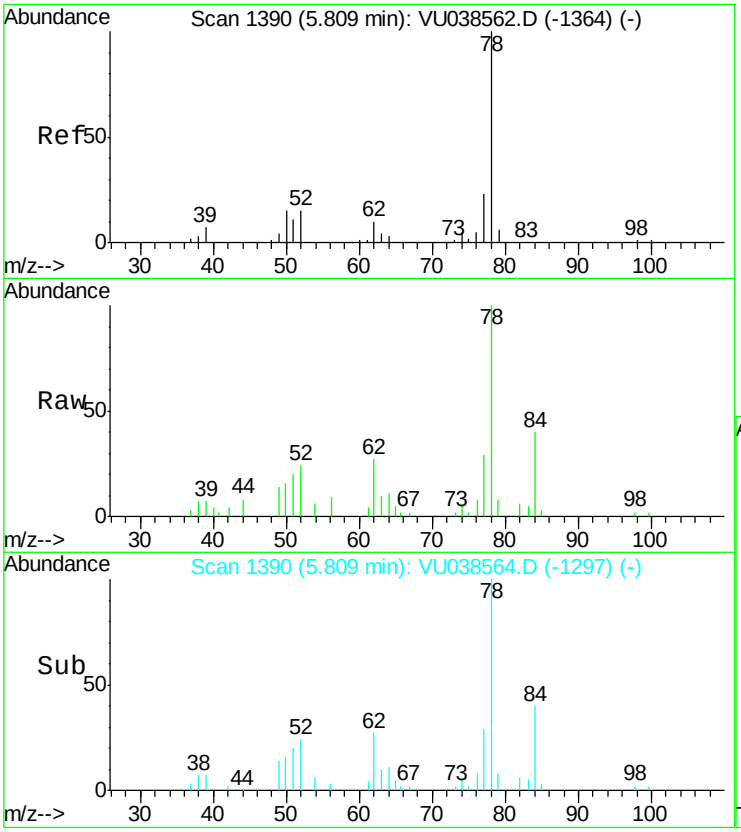


#30
Cyclohexane
Concen: 0.748 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Tgt Ion: 56 Resp: 27825

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.4
84	90.4	70.8	106.2

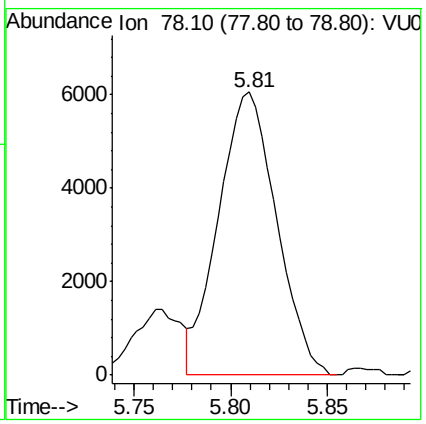


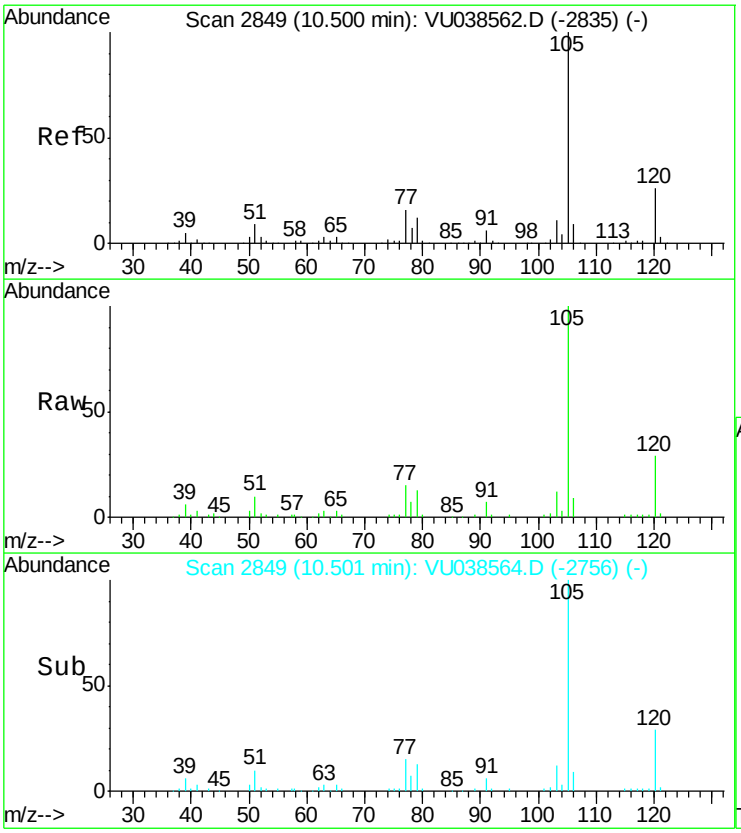


#33
Benzene
Concen: 0.135 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Instrument :
MSVOA_U
ClientSampleId :
F9D23

Tgt Ion: 78 Resp: 12598





#56
Isopropylbenzene
Concen: 0.473 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VU038564.D
Acq: 05 Jun 2020 11:53

Tgt Ion:105 Resp: 50108

Ion	Ratio	Lower	Upper
105	100		
120	27.9	20.7	31.1
77	16.7	12.5	18.7