Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

Quant Time: Jun 08 04:26:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	356529	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	342916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	175775	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	96746	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.93	69	85926	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.59	63	151211	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%			
20) 2-Butanone-d5	4.68	46	392845	56.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.08%			
24) Chloroform-d	5.10	84	203469	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.74	65	117661	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.76	84	417312	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.72	67	133976	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.92	98	363840	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.20	79	51141	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.65	63	334050	59.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.50%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116543	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	149566	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
13) Acetone	2.68	43	9535	2.079	ug/L	99
27) 1,2-Dichloroethane	5.83	62	21163	0.699	ug/L	99
30) Cyclohexane	5.42	56	31299	0.823	ug/L	97
33) Benzene	5.81	78	329327	3.444	ug/L	100
35) Methylcyclohexane	6.77	83	17259	0.449	ug/L #	44
42) Toluene	7.99	91	11619	0.116	ug/L	95
52) Ethylbenzene	9.59	91	25343	0.227	ug/L	97
56) Isopropylbenzene	10.50	105	32255	0.297	ug/L	97

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

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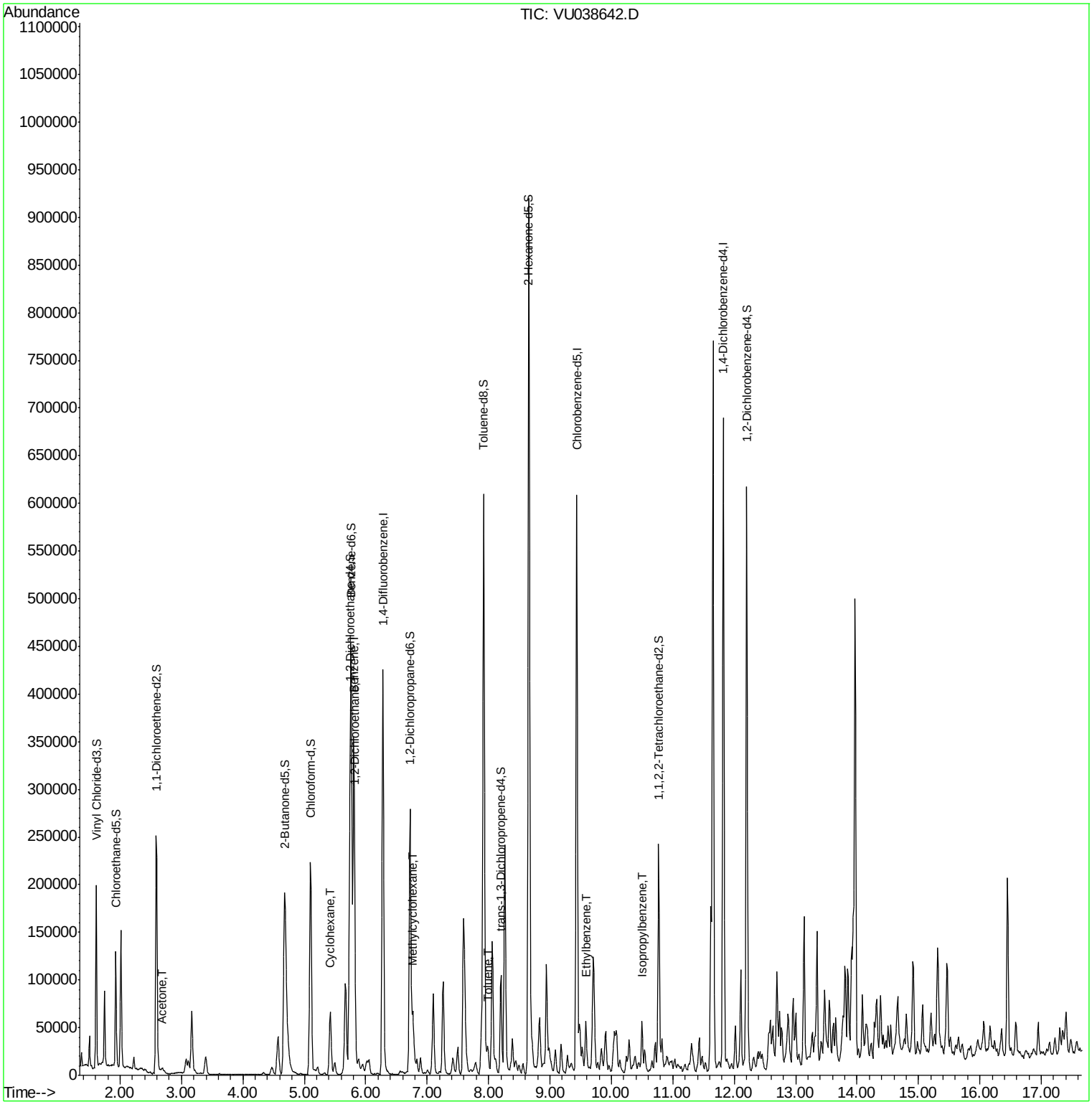
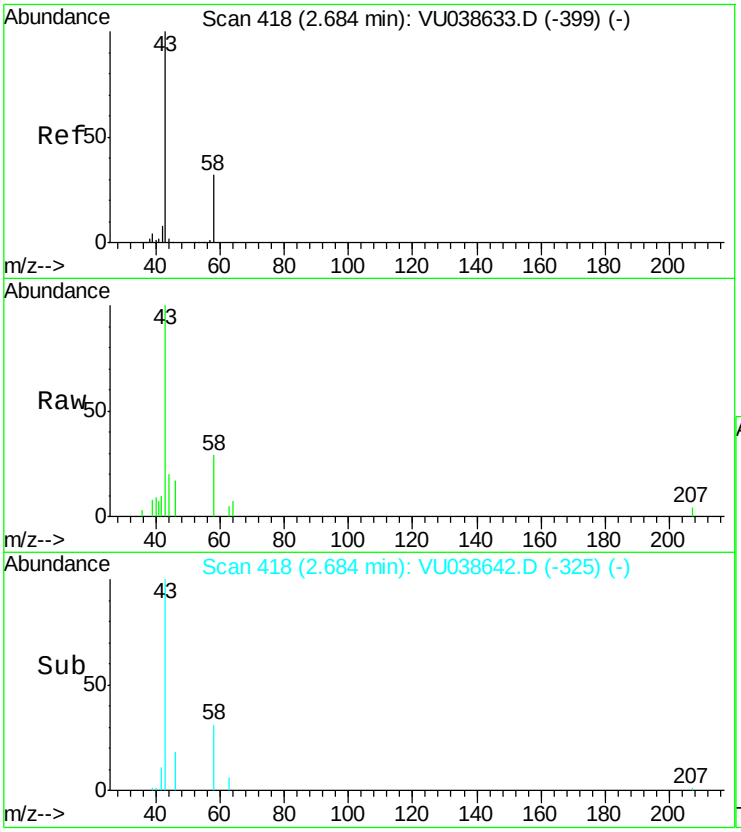
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration



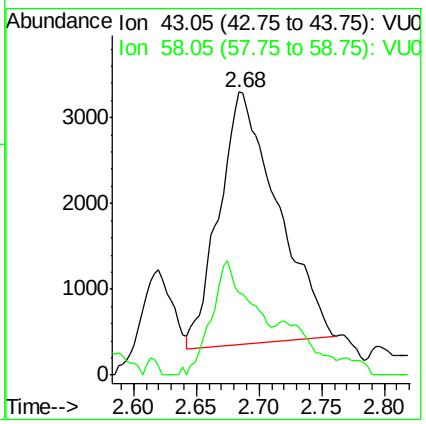


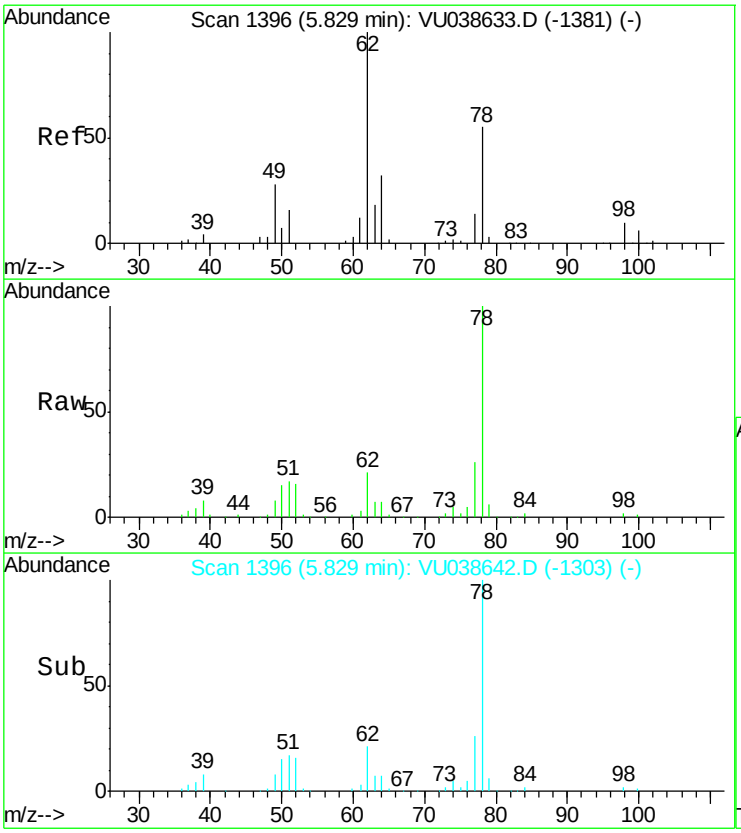
#13
Acetone
Concen: 2.079 ug/L
RT: 2.68 min Scan# 418
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Instrument :
MSVOA_U
ClientSampleId :
F9D09

Tgt Ion: 43 Resp: 9535

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	65.6

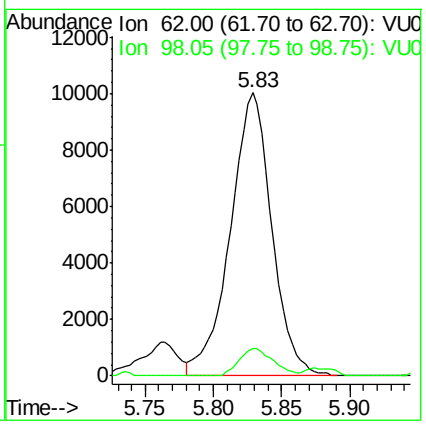


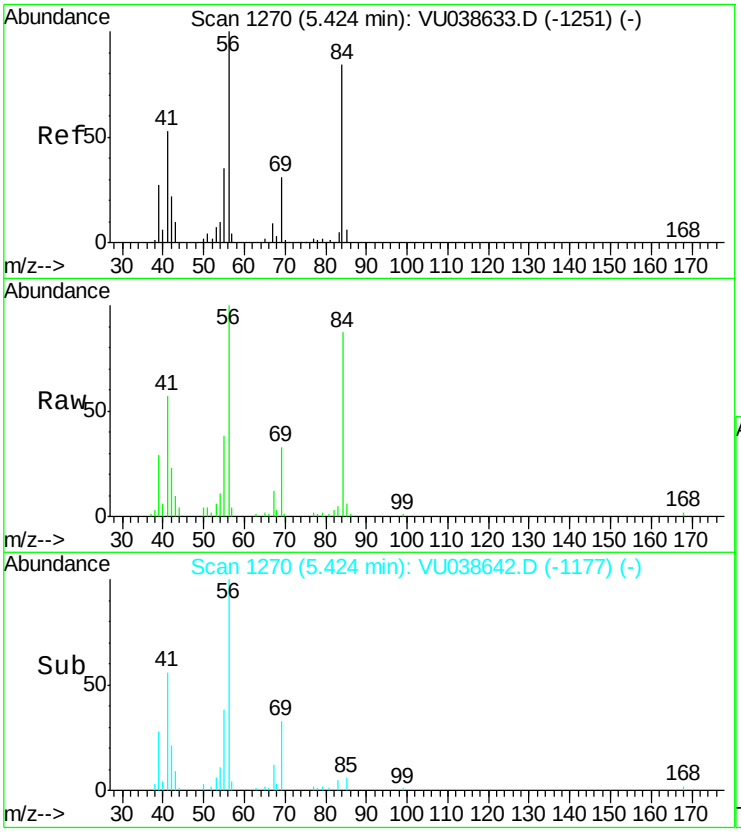


#27
1,2-Dichloroethane
Concen: 0.699 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Tgt Ion: 62 Resp: 21163

Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.2



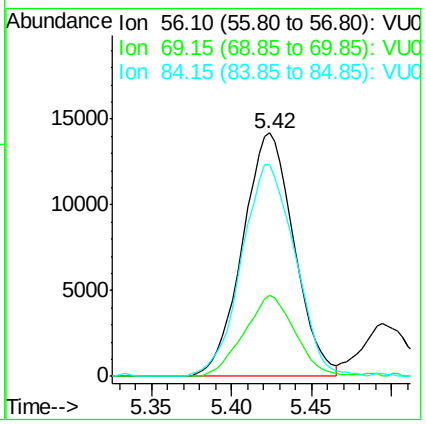


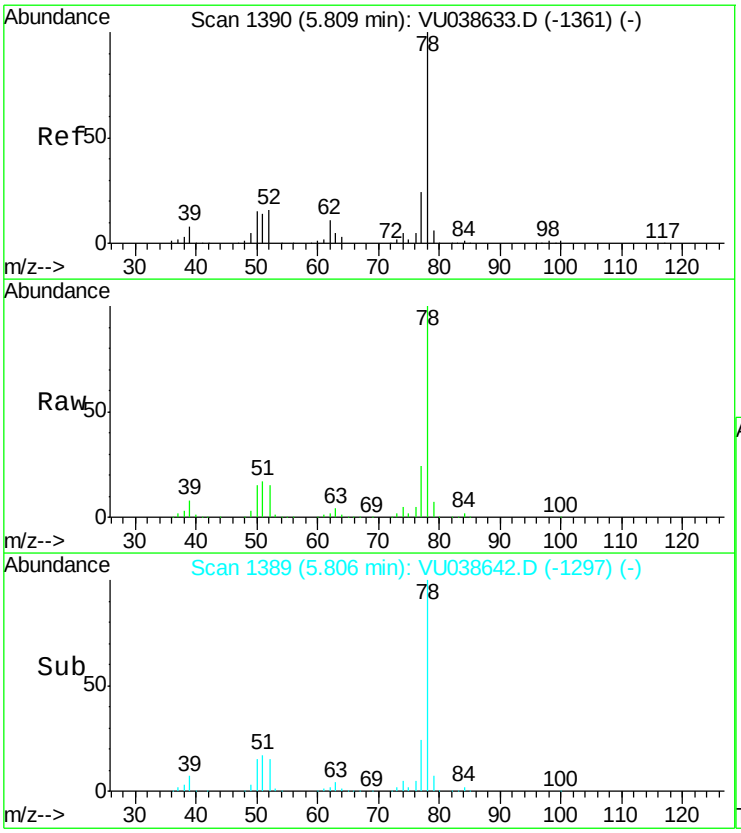
#30
Cyclohexane
Concen: 0.823 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Instrument : MSVOA_U
ClientSampleId : F9D09

Tgt Ion: 56 Resp: 31299

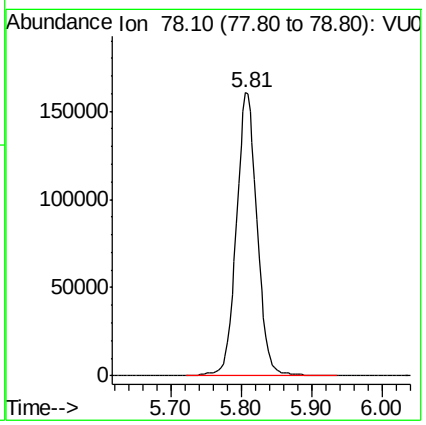
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.2	36.4
84	90.8	70.8	106.2

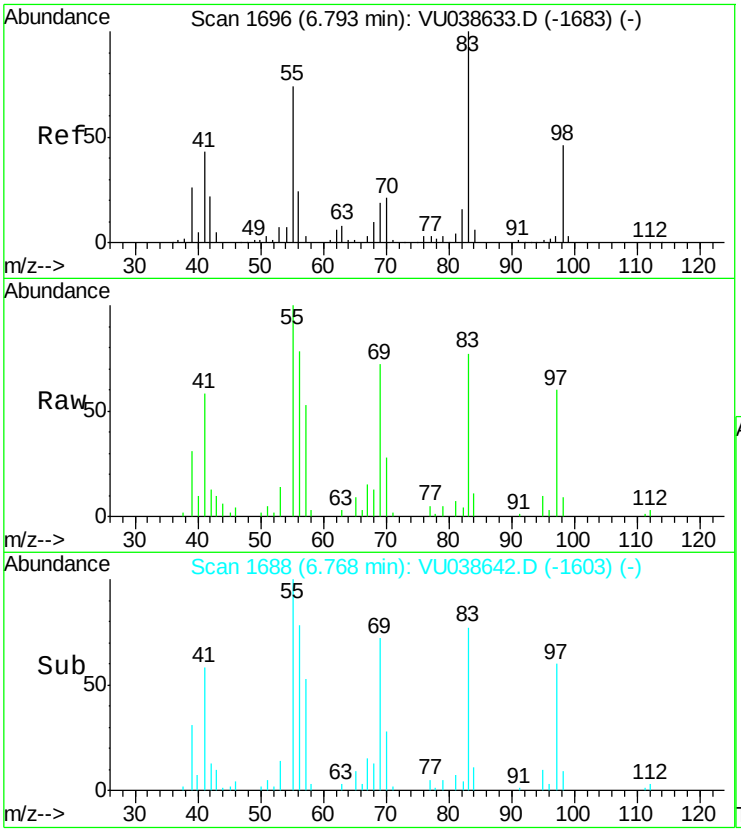




#33
Benzene
Concen: 3.444 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Tgt Ion: 78 Resp: 329327



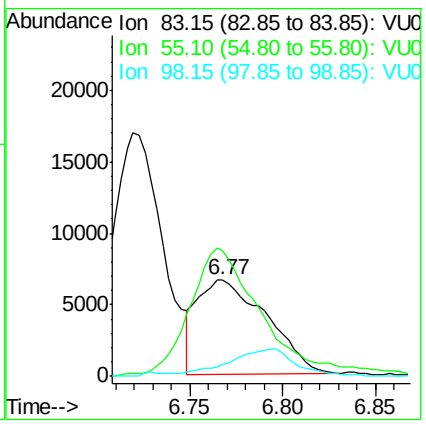


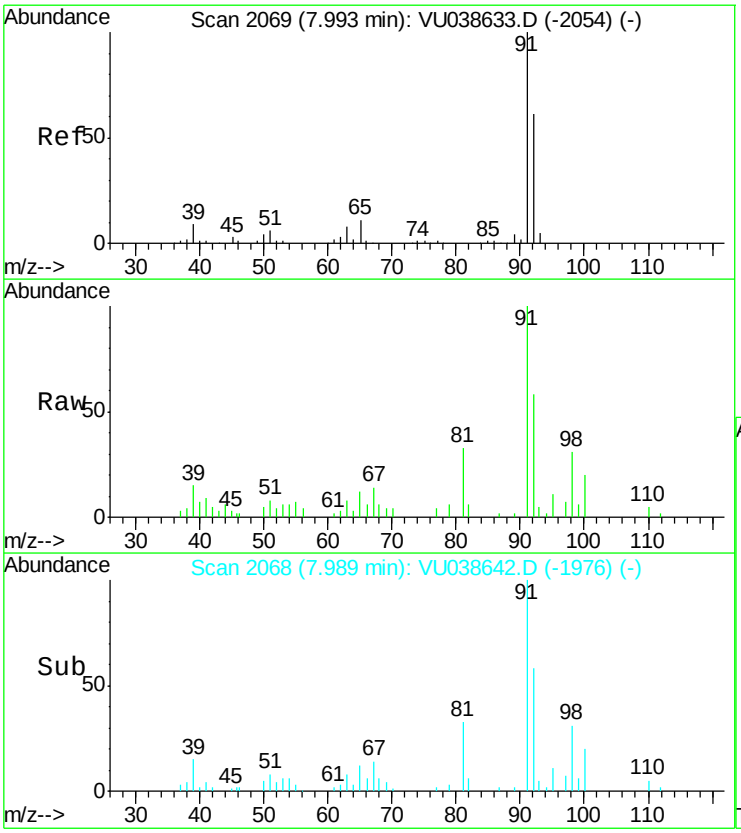
#35
Methylcyclohexane
Concen: 0.449 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.03 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Instrument : MSVOA_U
ClientSampleId : F9D09

Tgt Ion: 83 Resp: 17259

Ion	Ratio	Lower	Upper
83	100		
55	143.1	63.4	95.2#
98	28.3	39.0	58.4#

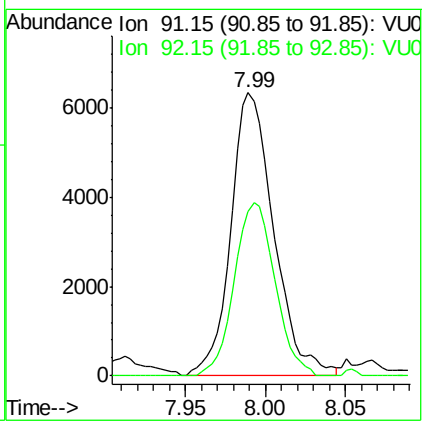


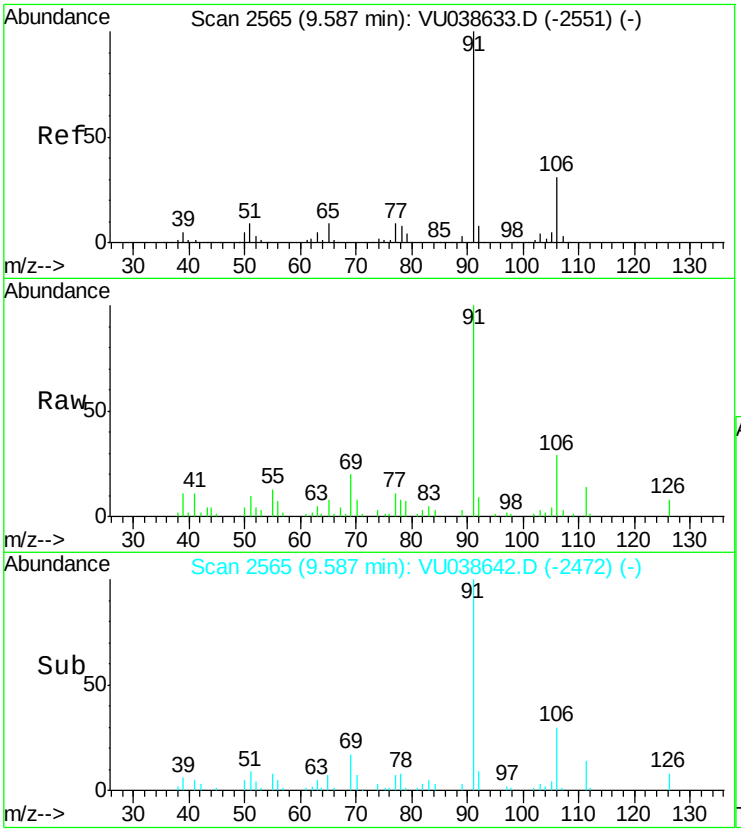


#42
Toluene
Concen: 0.116 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Tgt Ion: 91 Resp: 11619

Ion	Ratio	Lower	Upper
91	100		
92	57.9	43.0	79.8



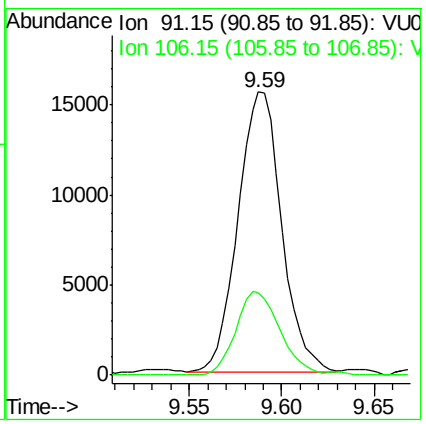


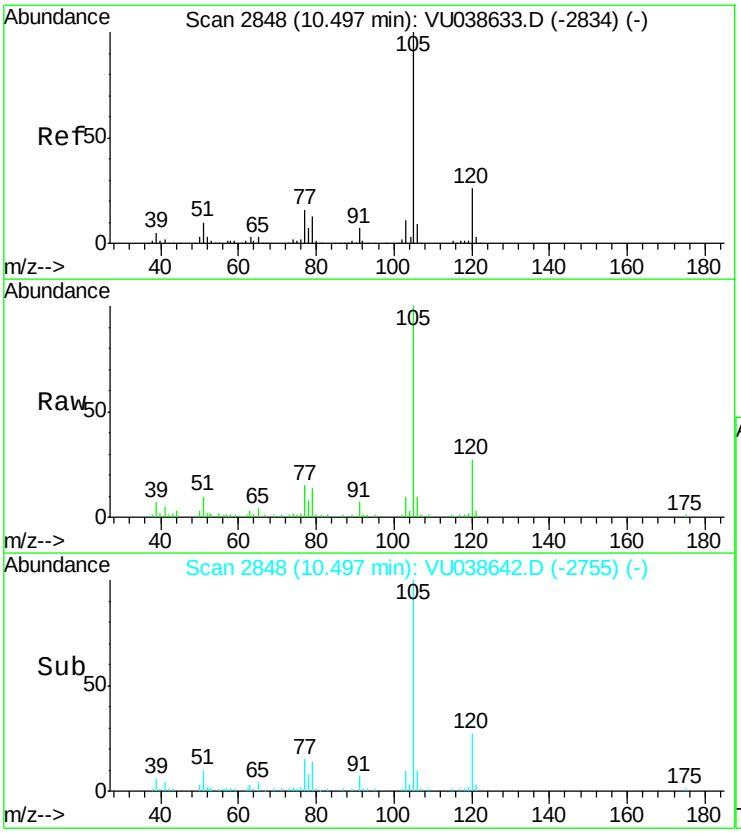
#52
Ethylbenzene
Concen: 0.227 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Instrument :
MSVOA_U
ClientSampleId :
F9D09

Tgt Ion: 91 Resp: 25343

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.7	40.3





#56
Isopropylbenzene
Concen: 0.297 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VU038642.D
Acq: 07 Jun 2020 02:07

Tgt Ion:105 Resp: 32255

Ion	Ratio	Lower	Upper
105	100		
120	27.3	20.7	31.1
77	16.6	12.5	18.7