Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

Quant Time: Oct 20 06:51:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117715	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46523	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26413	2.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.20%			
7) Chloroethane-d5	1.92	69	28947	3.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.00%			
11) 1,1-Dichloroethene-d2	2.58	63	43449	2.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.60%#			
20) 2-Butanone-d5	4.66	46	175501	56.23	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.46%			
24) Chloroform-d	5.08	84	78798	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.72	65	50260	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.74	84	133320	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.70	67	48748	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.91	98	96075	3.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.60%#			
43) trans-1,3-Dichloropropene-	8.19	79	17250	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
46) 2-Hexanone-d5	8.64	63	112427	49.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48571	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44552	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	30558	2.909	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	8242	0.937	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	62277	6.568	ug/L	100
30) Cyclohexane	5.40	56	28802	2.005	ug/L	98
33) Benzene	5.79	78	4071	0.109	ug/L	100
34) Trichloroethene	6.56	95	7549	0.782	ug/L	99
35) Methylcyclohexane	6.77	83	8337	0.609	ug/L	95
47) Tetrachloroethene	8.55	164	2658	0.386	ug/L	97

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

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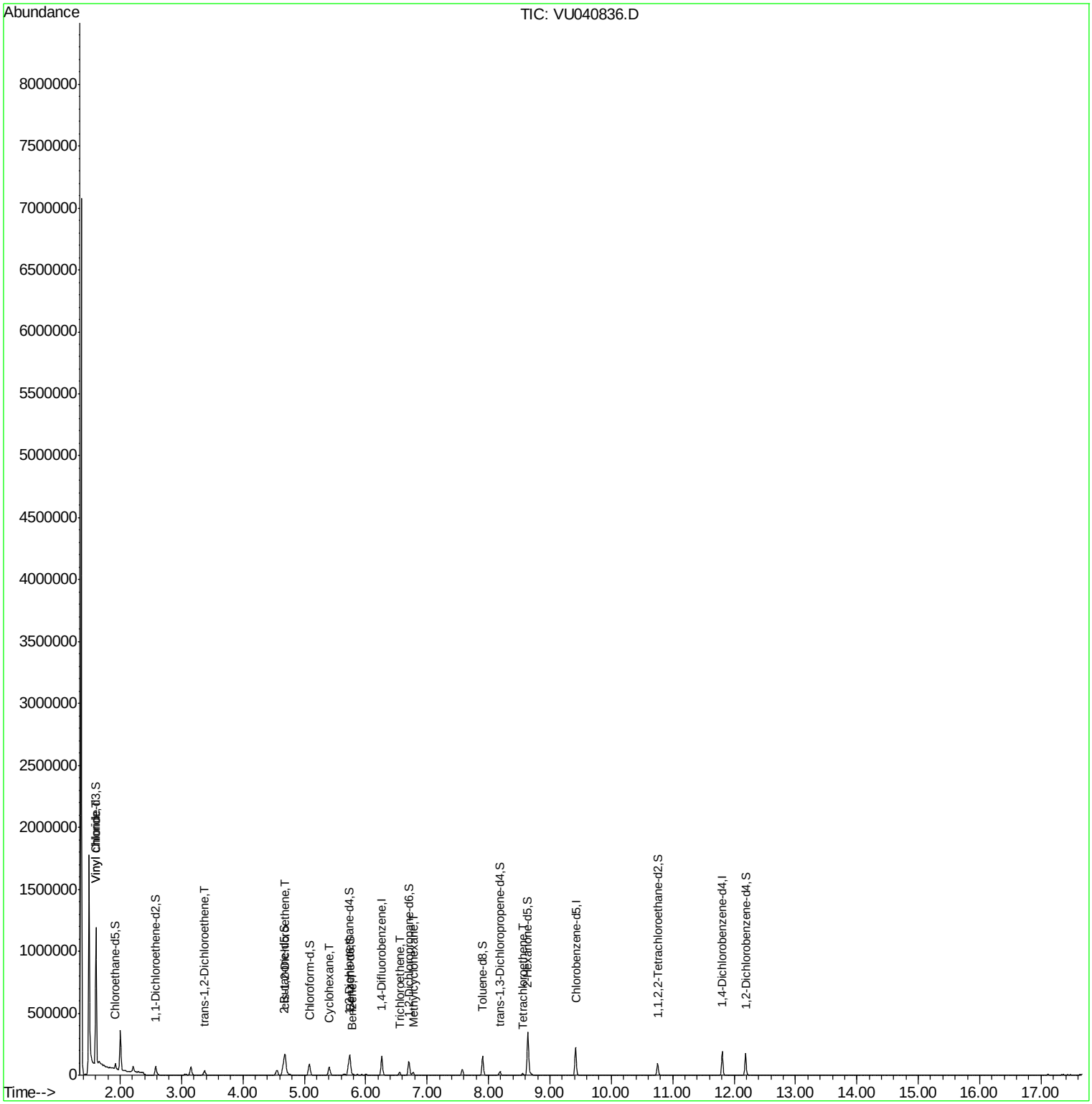
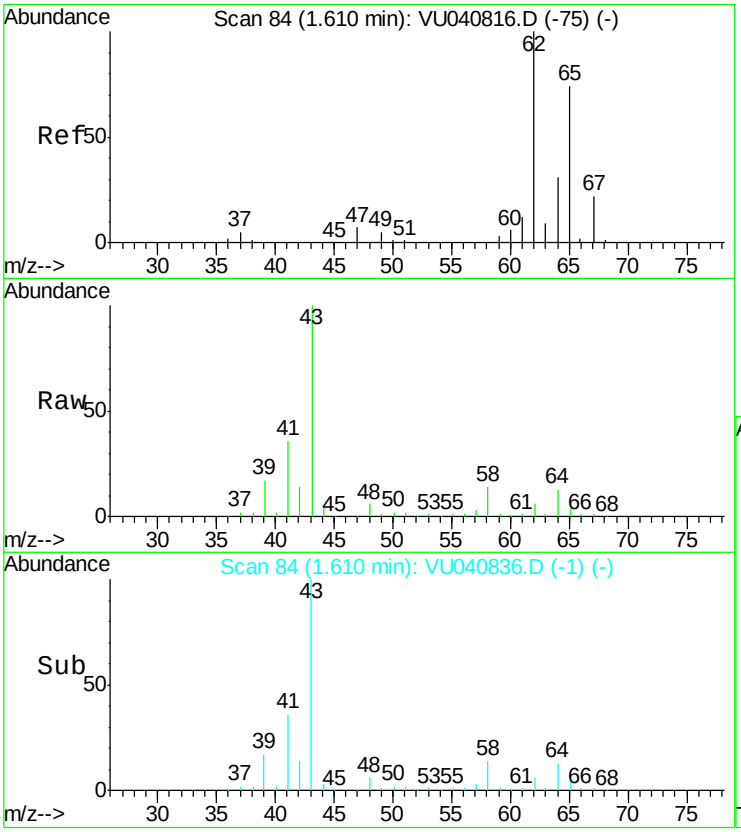


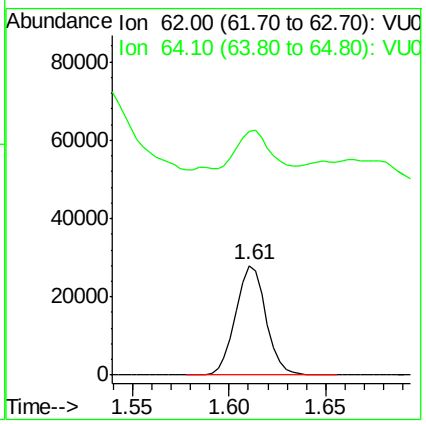


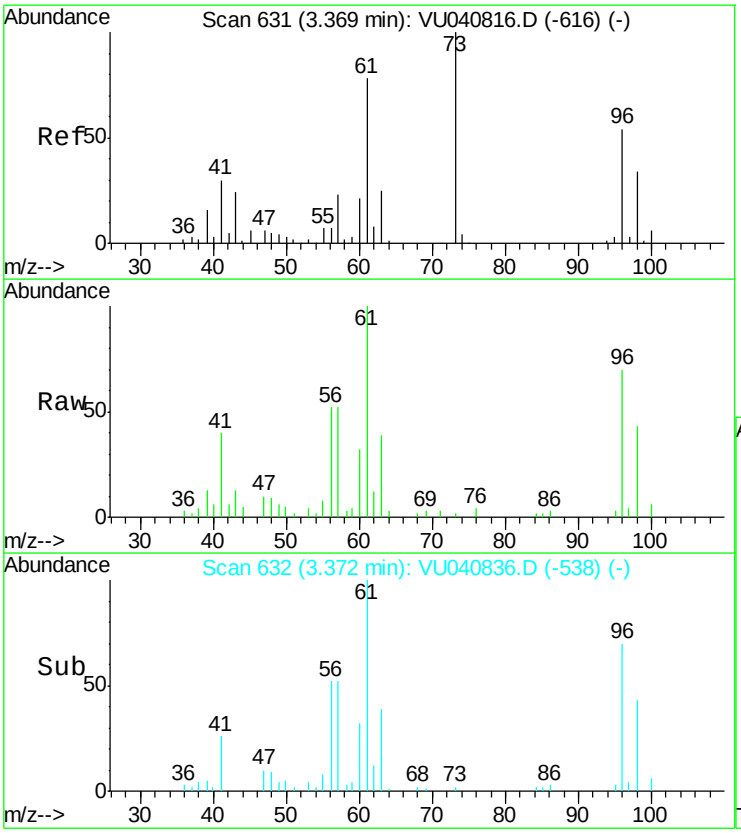
#5
Vinyl chloride
Concen: 2.909 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Instrument :
MSVOA_U
ClientSampleId :
ETZ32

Tgt Ion: 62 Resp: 30558

Ion	Ratio	Lower	Upper
62	100		
64	222.8	23.7	44.1#

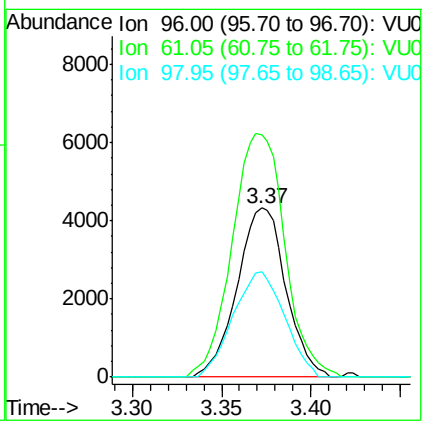


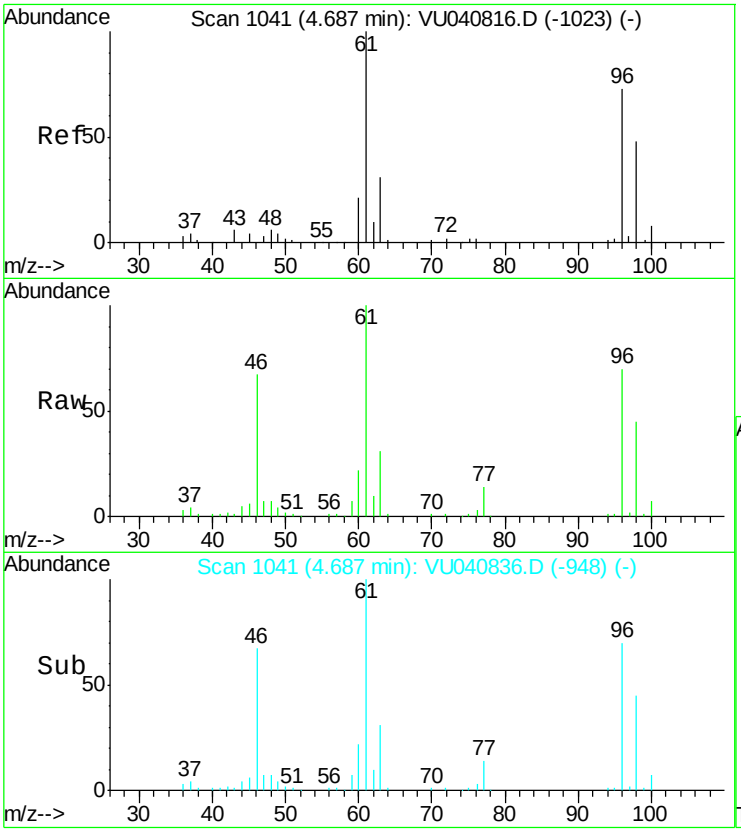


#18
trans-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Tgt Ion: 96 Resp: 8242

Ion	Ratio	Lower	Upper
96	100		
61	143.8	105.9	196.7
98	62.5	43.8	81.3



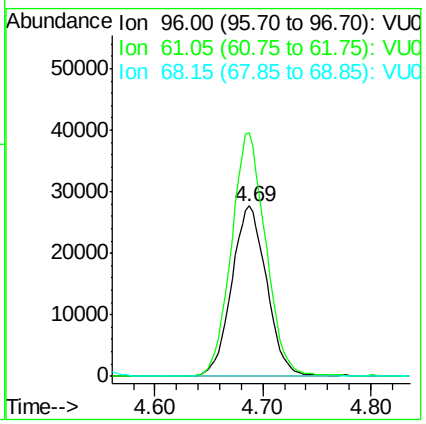


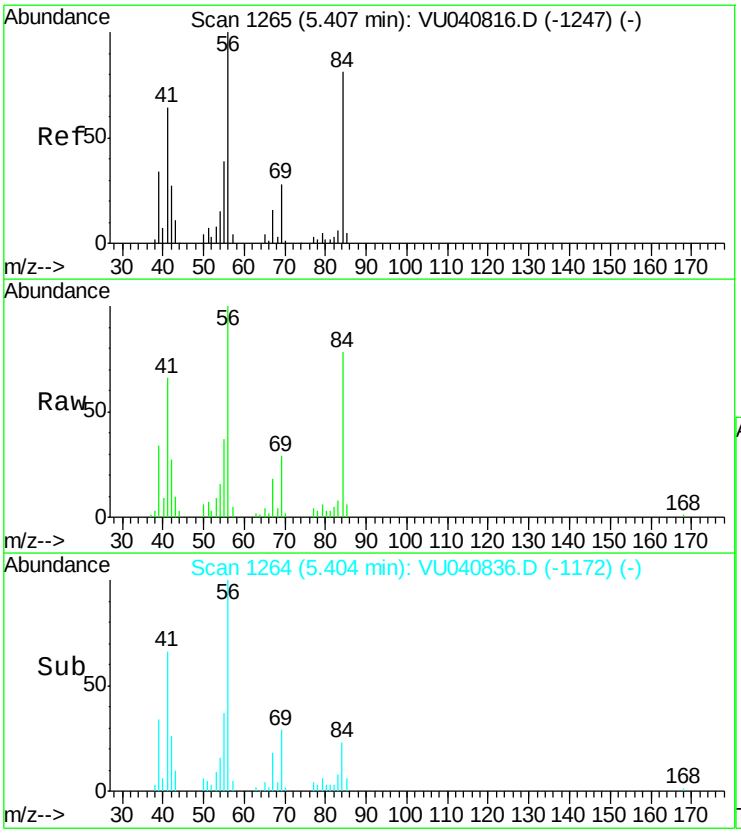
#22
cis-1,2-Dichloroethene
Concen: 6.568 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Instrument :
MSVOA_U
ClientSampleId :
ETZ32

Tgt Ion: 96 Resp: 62277

Ion	Ratio	Lower	Upper
96	100		
61	143.2	99.8	185.4
68	0.0	0.0	0.0

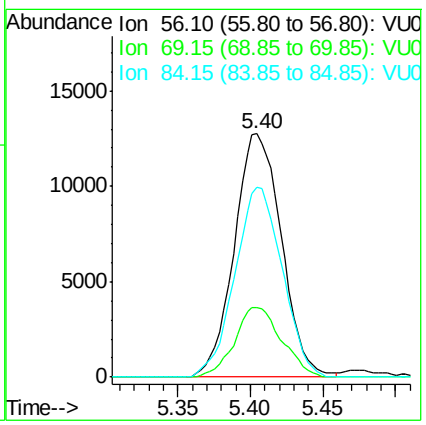


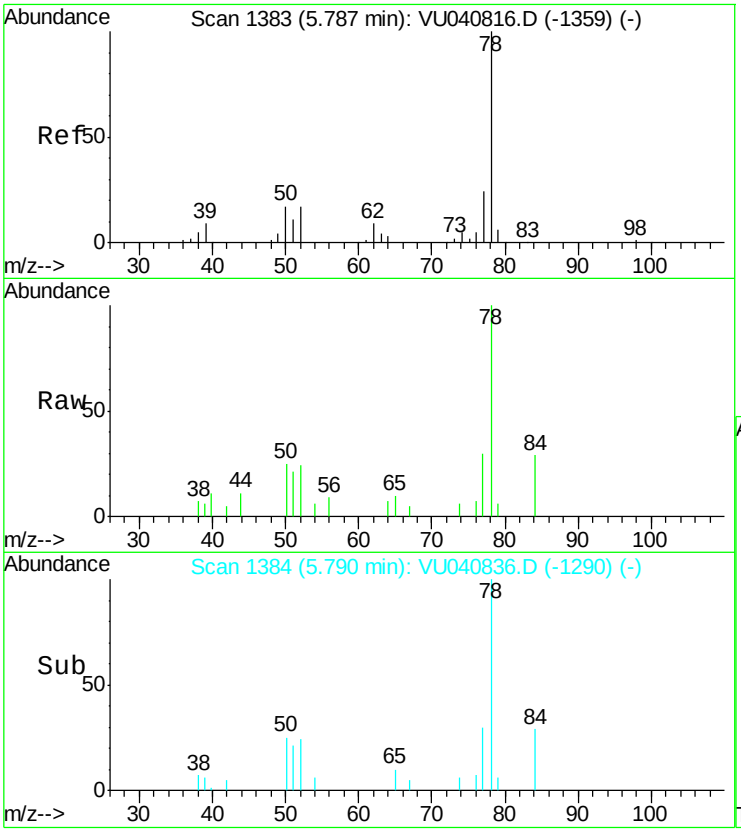


#30
Cyclohexane
Concen: 2.005 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Tgt Ion: 56 Resp: 28802

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.8	35.8
84	78.5	64.0	96.0

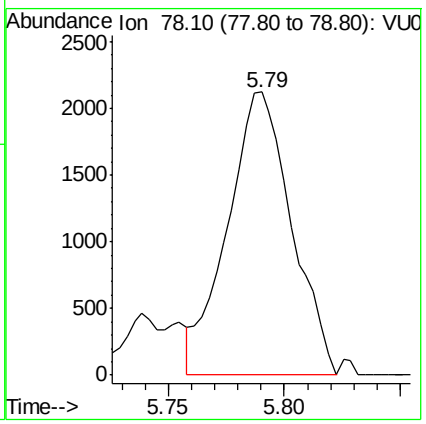


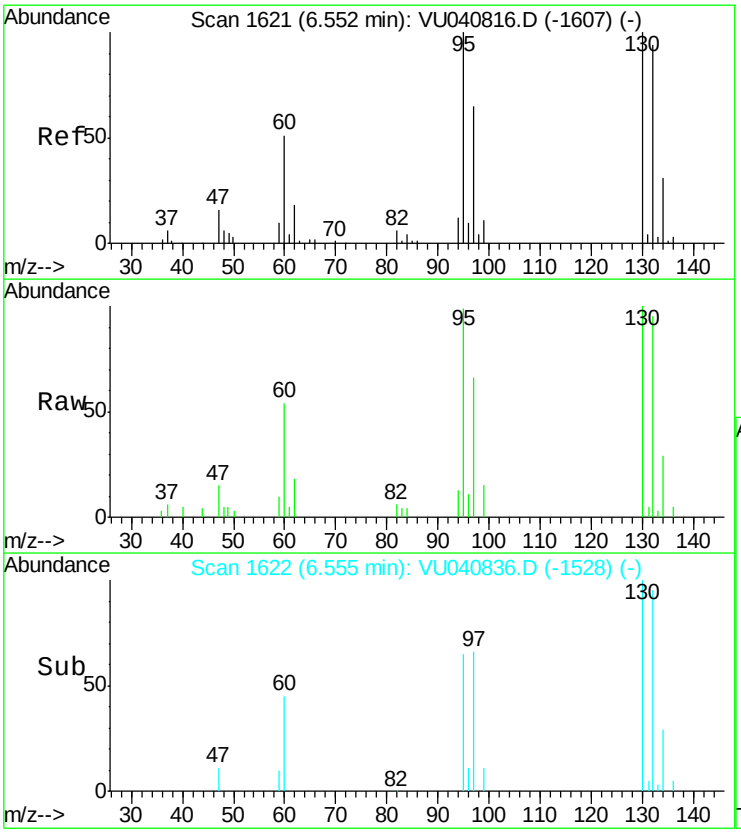


#33
Benzene
Concen: 0.109 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Instrument :
MSVOA_U
ClientSampleId :
ETZ32

Tgt Ion: 78 Resp: 4071

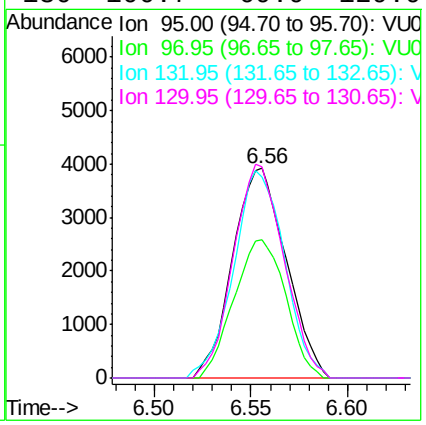


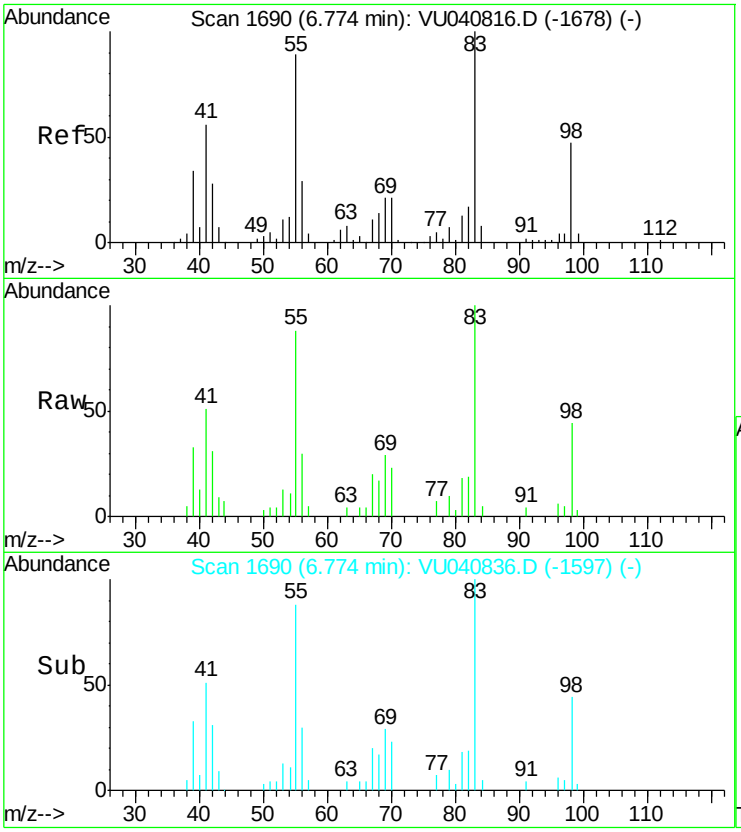


#34
Trichloroethene
Concen: 0.782 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Tgt Ion: 95 Resp: 7549

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.5	84.5
132	96.1	67.5	125.4
130	100.7	69.9	129.9



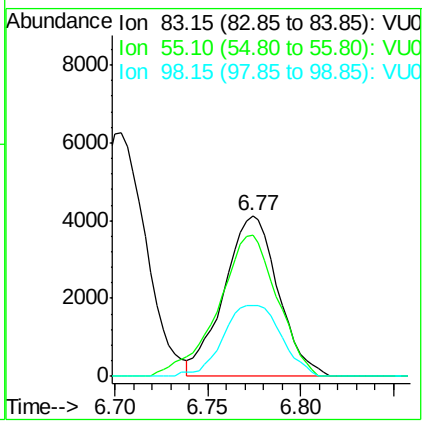


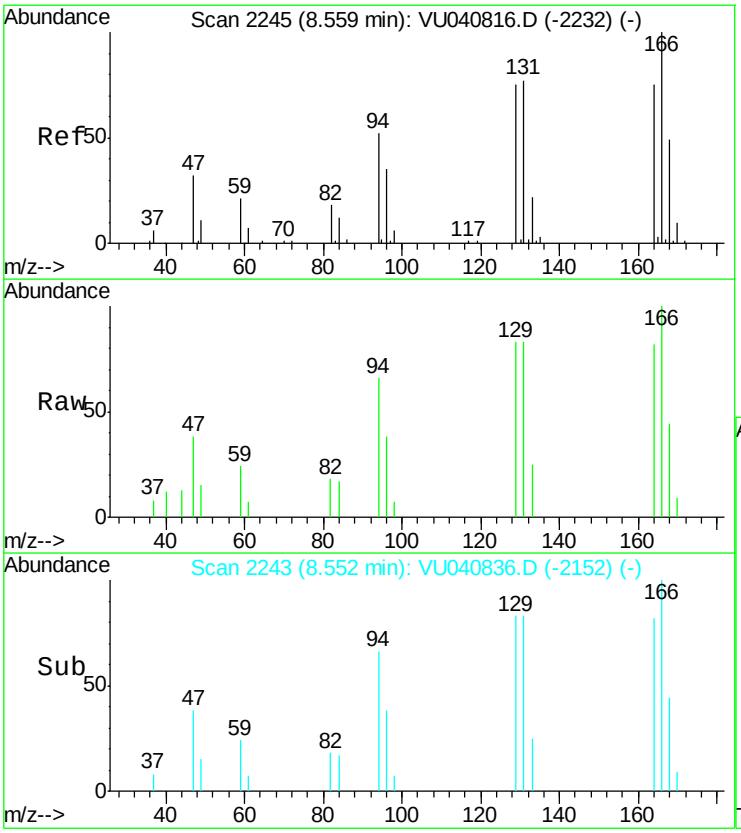
#35
Methylcyclohexane
Concen: 0.609 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Instrument : MSVOA_U
ClientSampleId : ETZ32

Tgt Ion: 83 Resp: 8337

Ion	Ratio	Lower	Upper
83	100		
55	95.5	70.7	106.1
98	47.4	38.4	57.6





#47
Tetrachloroethene
Concen: 0.386 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.01 min
Lab File: VU040836.D
Acq: 20 Oct 2020 04:05

Tgt Ion:164 Resp: 2658

Ion	Ratio	Lower	Upper
164	100		
129	100.9	68.8	127.8
131	101.6	66.7	123.9
166	121.8	83.9	155.7