Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\

Quantitation Report (Not Reviewed)

Data File : VU027838.D
Acq On : 26 Oct 2018 17:01
Operator : MD/SY
Sample : J5668-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS3

Quant Time: Oct 27 01:47:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	120340	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	113612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51718	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29507	31.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.02%			
7) Chloroethane-d5	1.68	69	25577	35.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.96%			
11) 1,1-Dichloroethene-d2	2.28	63	45243	26.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.66%#			
21) 2-Butanone-d5	4.18	46	80202	100.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.51%			
24) Chloroform-d	4.65	84	66457	39.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.96%			
26) 1,2-Dichloroethane-d4	5.31	65	47802	41.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.02%			
32) Benzene-d6	5.34	84	124451	38.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.92%			
36) 1,2-Dichloropropane-d6	6.33	67	47583	41.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.38%			
41) Toluene-d8	7.57	98	113514	38.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.06%#			
43) trans-1,3-Dichloropropene-	7.85	79	21211	37.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.62%			
47) 2-Hexanone-d5	8.31	63	57209	96.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63920	42.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.70%			
64) 1,2-Dichlorobenzene-d4	11.86	152	43960	41.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.00%			

Target Compounds						Qvalue
8) Chloroethane	1.80	64	734	1.251	ug/L #	51
13) Acetone	2.32	43	4580	8.240	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	1896	2.161	ug/L	98
35) Methylcyclohexane	6.33	83	10133	6.925	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5011	5.018	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1237	0.804	ug/L	86
40) 4-Methyl-2-pentanone	7.39	43	1554	0.968	ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	810	0.557	ug/L #	57
59) 1,2,3-Trichloropropane	11.48	75	6353	5.383	ug/L	88

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

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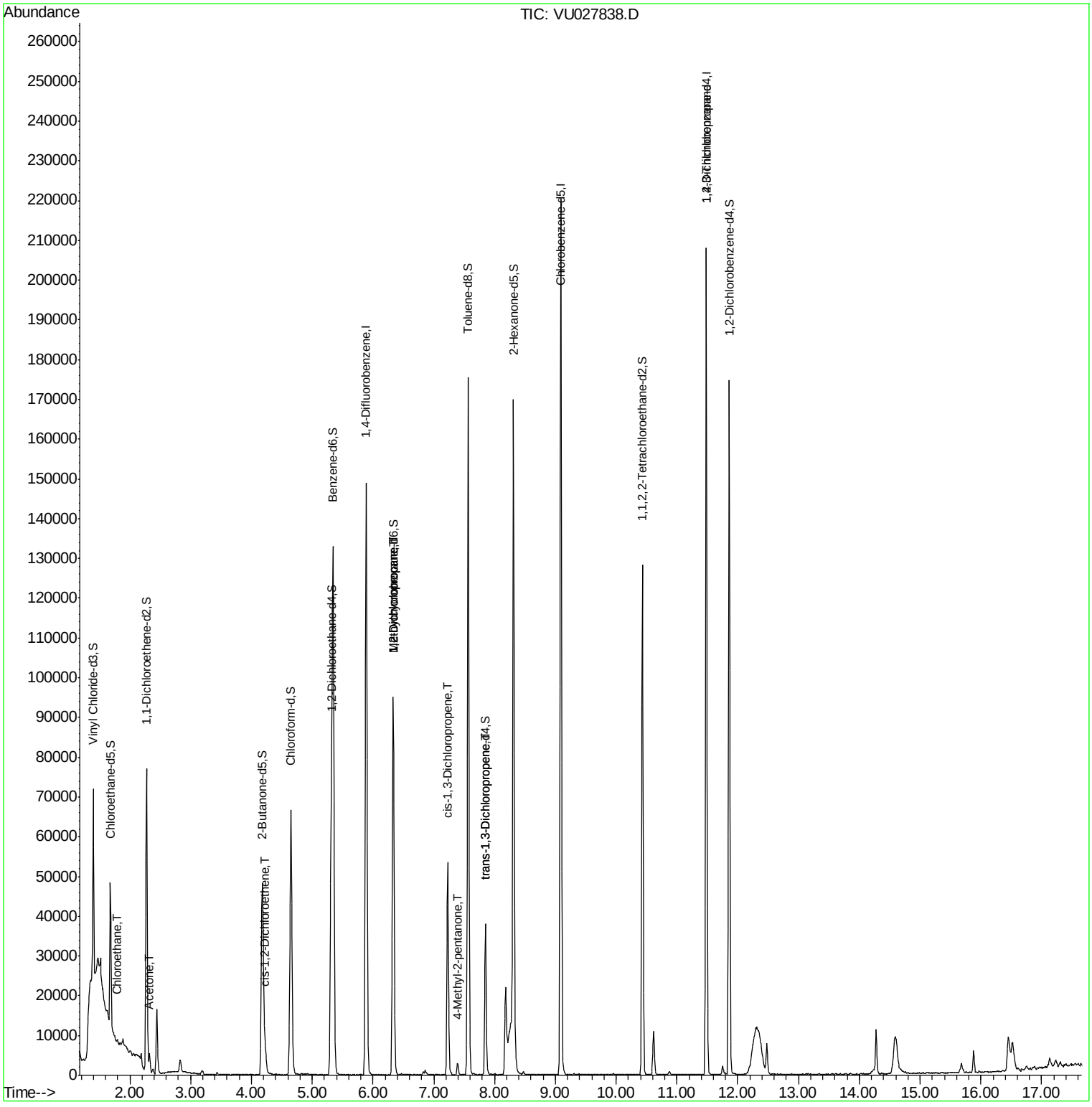
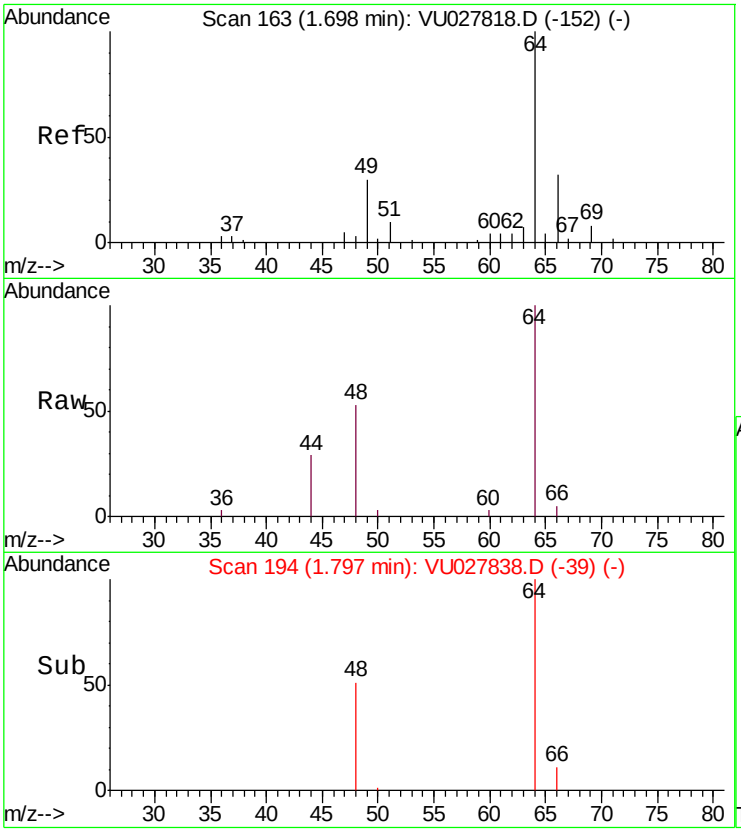
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration



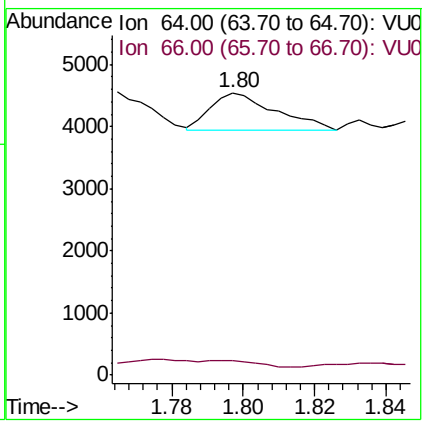


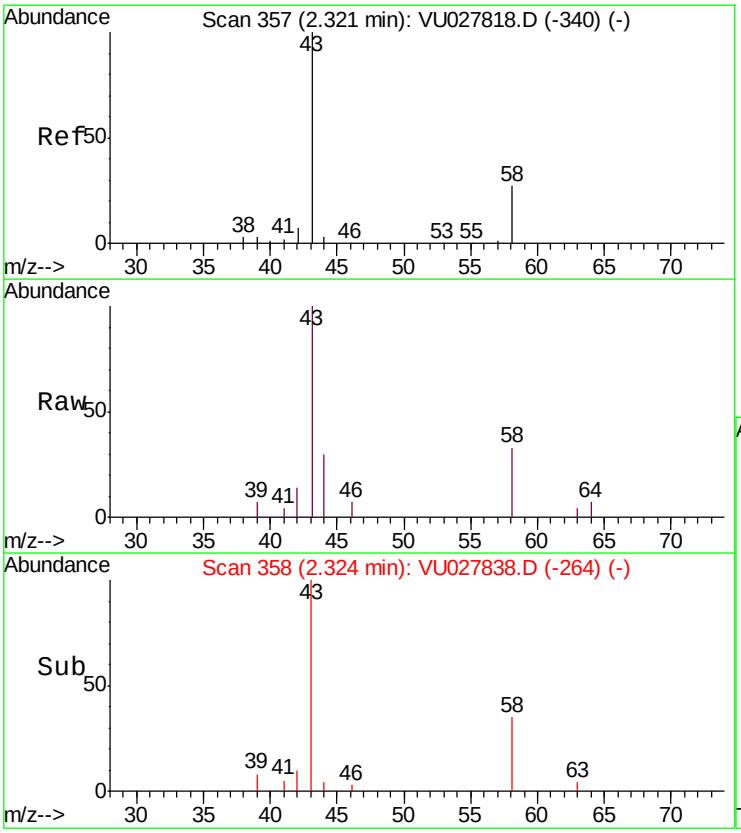
#8
Chloroethane
Concen: 1.251 ug/L
RT: 1.80 min Scan# 194
Delta R.T. 0.10 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

Tgt Ion: 64 Resp: 734

Ion	Ratio	Lower	Upper
64	100		
66	5.0	22.6	42.0#

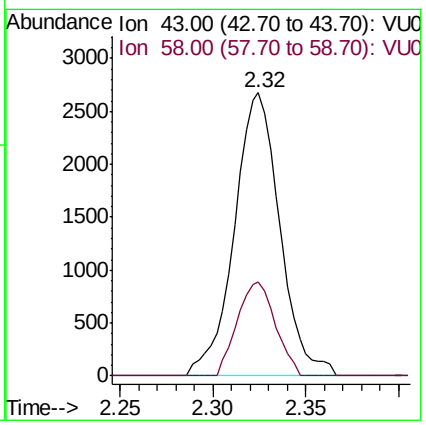


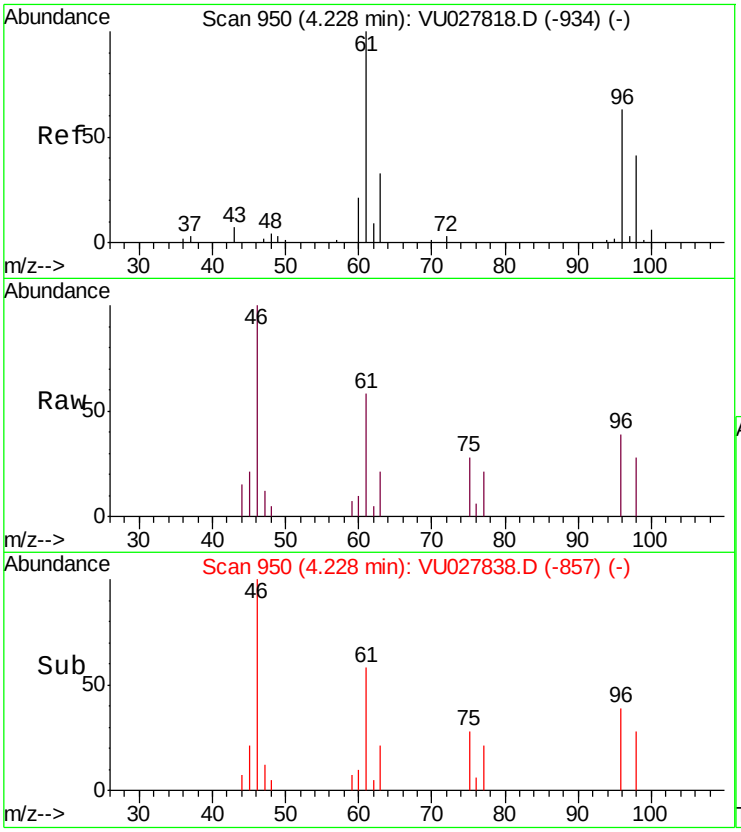


#13
Acetone
Concen: 8.240 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Tgt Ion: 43 Resp: 4580

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	57.4



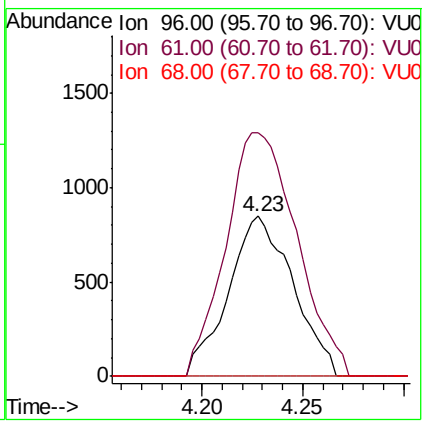


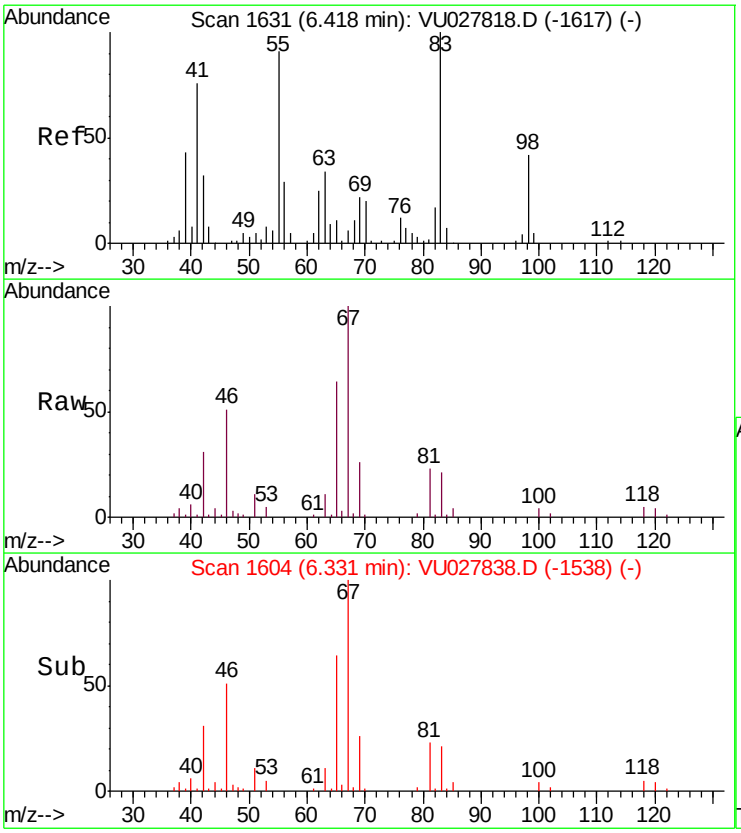
#20
cis-1,2-Dichloroethene
Concen: 2.161 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

Tgt Ion: 96 Resp: 1896

Ion	Ratio	Lower	Upper
96	100		
61	151.9	104.2	193.4
68	0.0	0.0	0.0

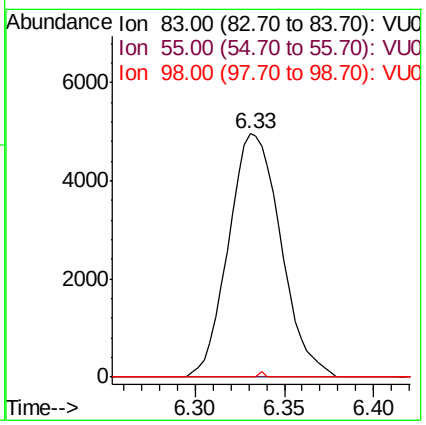


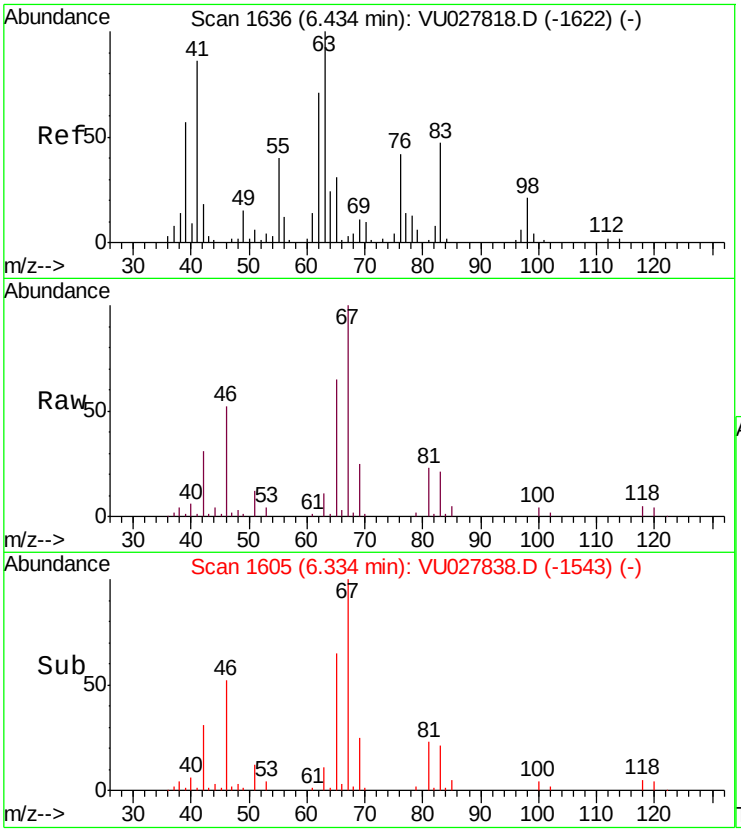


#35
Methylcyclohexane
Concen: 6.925 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Tgt Ion: 83 Resp: 10133

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.0	34.6	52.0#



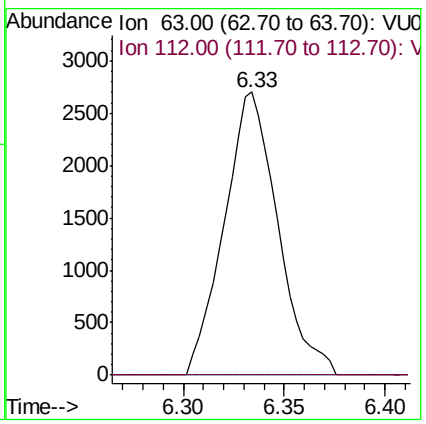


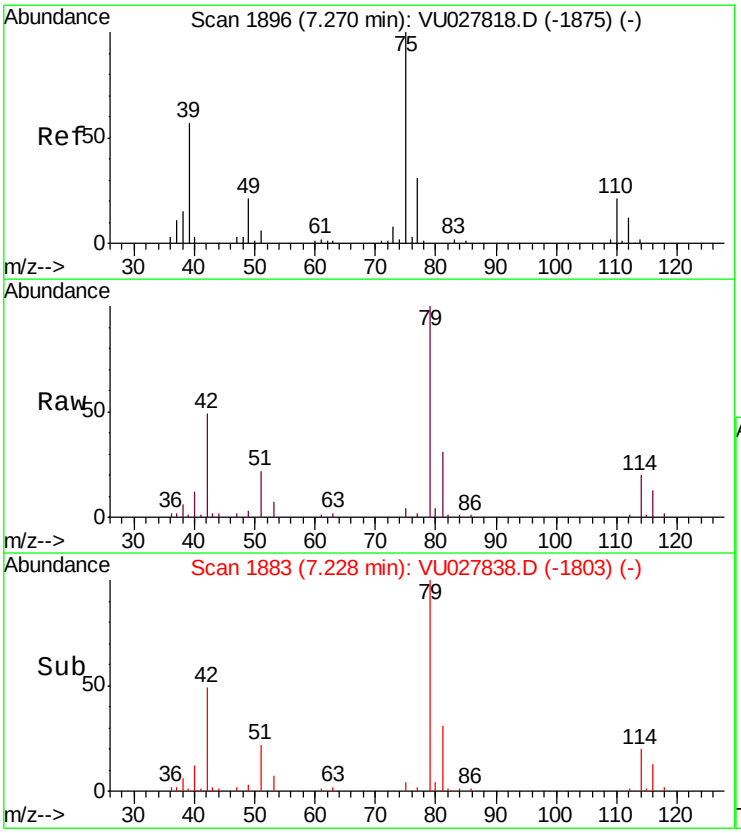
#37
1,2-Dichloropropane
Concen: 5.018 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

Tgt Ion: 63 Resp: 5011

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

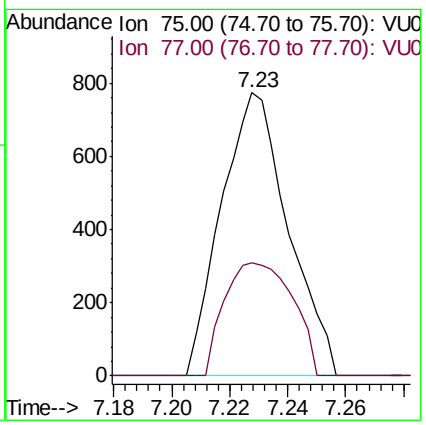


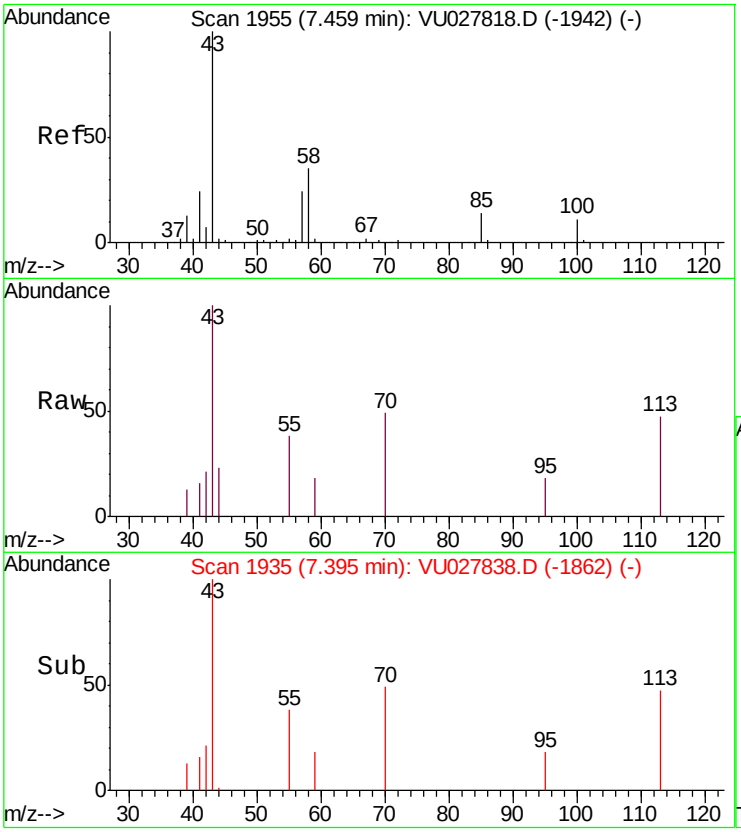


#39
cis-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Tgt Ion: 75 Resp: 1237

Ion	Ratio	Lower	Upper
75	100		
77	40.1	22.5	41.7



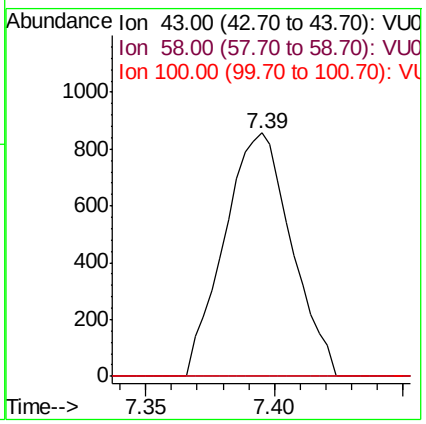


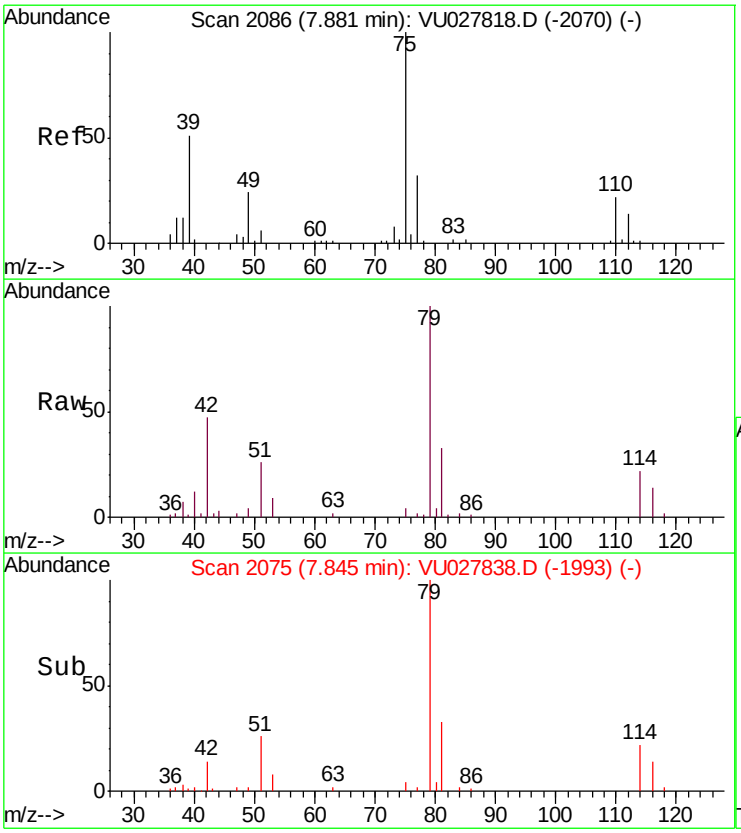
#40
4-Methyl-2-pentanone
Concen: 0.968 ug/L
RT: 7.39 min Scan# 1935
Delta R.T. -0.06 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

Tgt Ion: 43 Resp: 1554

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	42.5#
100	0.0	9.1	13.7#

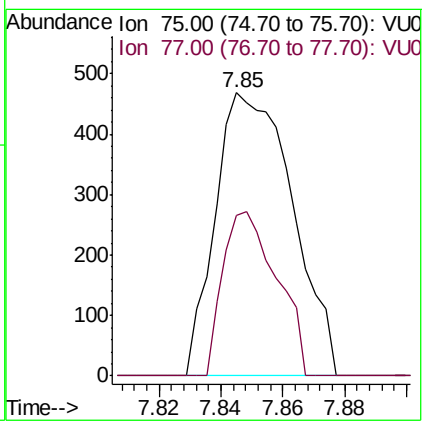


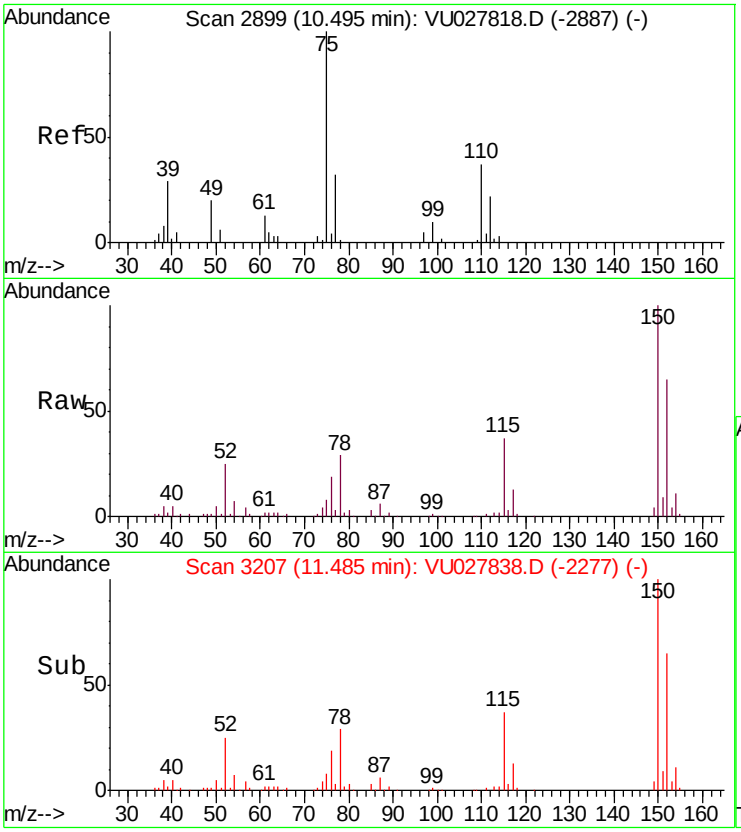


#44
trans-1,3-Dichloropropene
Concen: 0.557 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.04 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Tgt Ion: 75 Resp: 810

Ion	Ratio	Lower	Upper
75	100		
77	56.8	22.8	42.4#





#59
1,2,3-Trichloropropane
Concen: 5.383 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027838.D
Acq: 26 Oct 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETBS3

Tgt Ion: 75 Resp: 6353

Ion	Ratio	Lower	Upper
75	100		
77	39.7	26.5	39.7