Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032987.D
Acq On : 22 Jun 2019 08:29
Operator : JC/SP
Sample : K3464-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF43

Quant Time: Jun 24 02:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189142	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88731	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	49672	38.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.86%			
7) Chloroethane-d5	1.68	69	44953	43.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.26	63	80808	31.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.06%			
21) 2-Butanone-d5	4.17	46	121508	112.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.94%			
24) Chloroform-d	4.64	84	119480	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.10%			
26) 1,2-Dichloroethane-d4	5.30	65	86401	51.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.24%			
32) Benzene-d6	5.33	84	224547	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.16%			
36) 1,2-Dichloropropane-d6	6.32	67	75283	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.04%			
41) Toluene-d8	7.56	98	201538	44.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.28%			
43) trans-1,3-Dichloropropene-	7.85	79	33697	42.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.36%			
47) 2-Hexanone-d5	8.31	63	71518	99.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.73%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	114846	48.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.74%			
64) 1,2-Dichlorobenzene-d4	11.85	152	82030	47.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.54%			
Target Compounds						Qvalue
13) Acetone	2.32	43	2222	1.495	ug/L	90
27) 1,2-Dichloroethane	5.33	62	1454	0.697	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9548	6.534	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2517	1.106	ug/L	93
40) 4-Methyl-2-pentanone	7.39	43	3255	1.395	ug/L #	46
44) trans-1,3-Dichloropropene	7.85	75	1558	0.729	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	11469	5.881	ug/L	92

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

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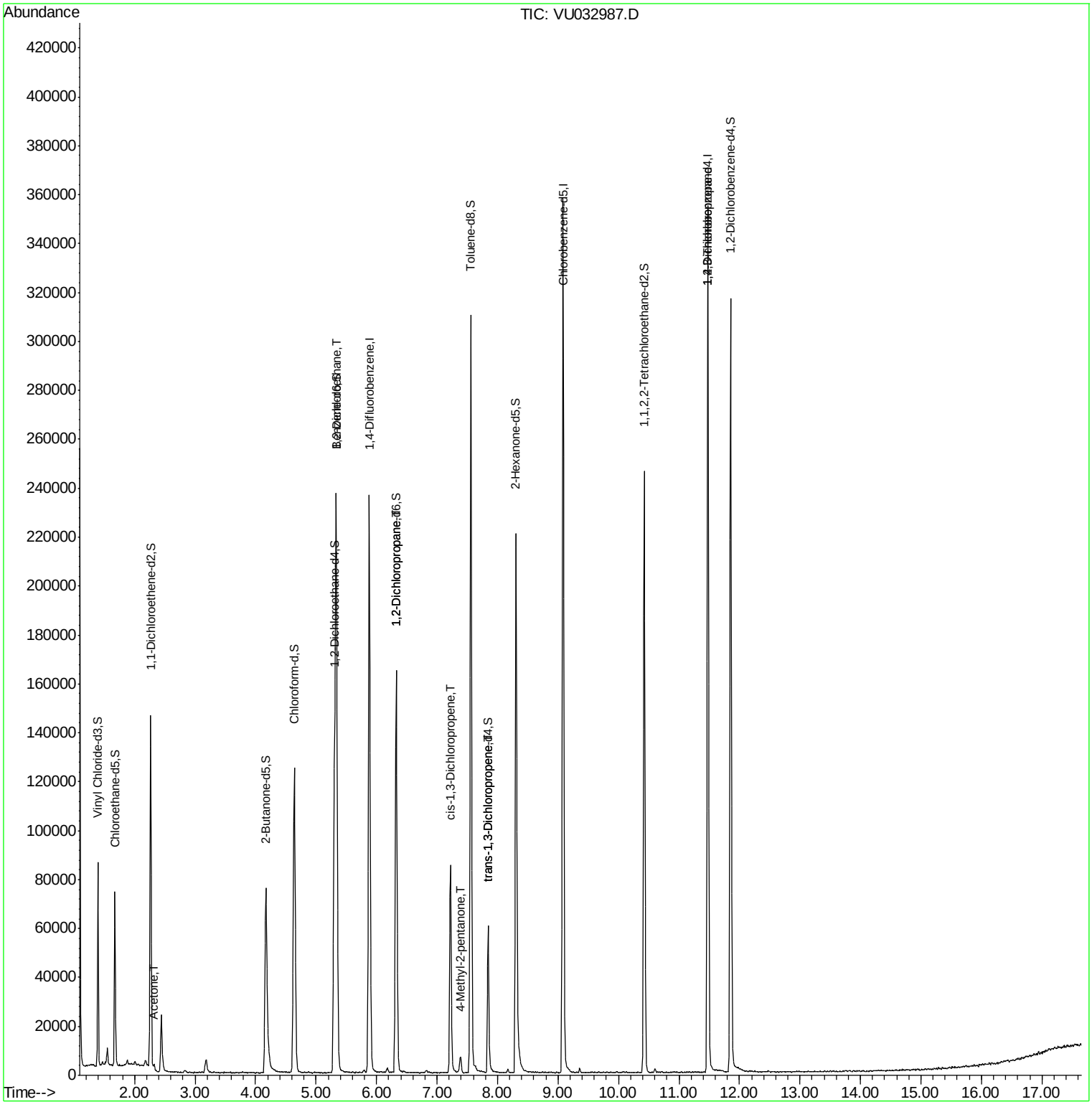
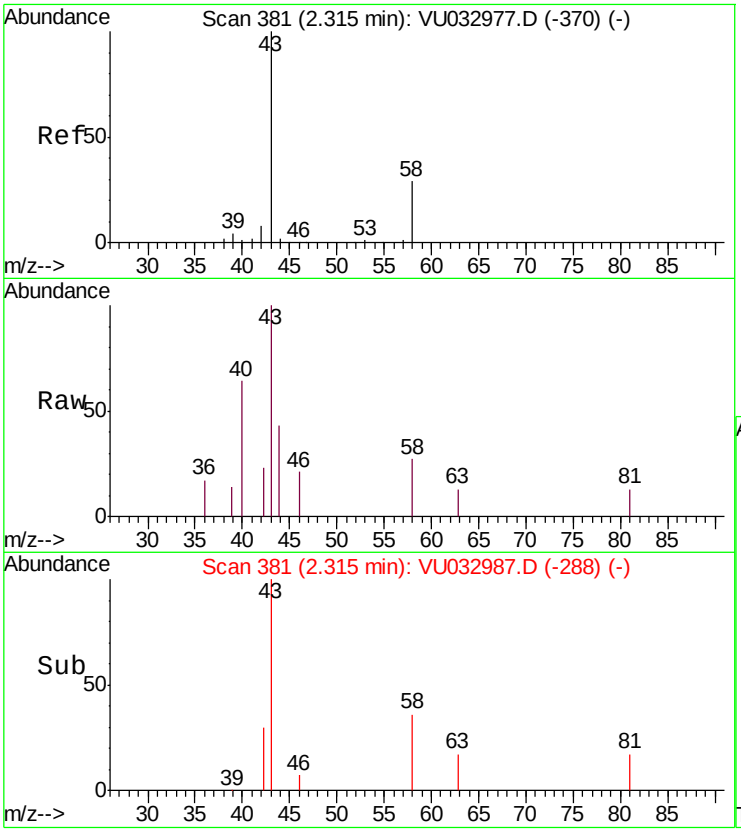
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



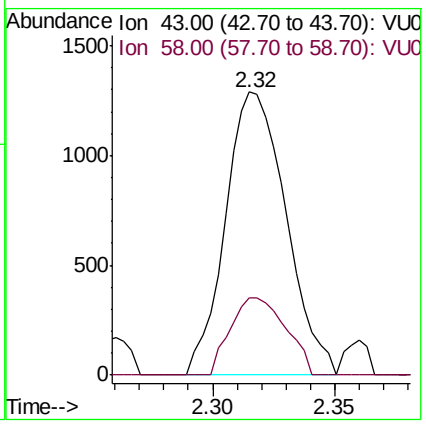


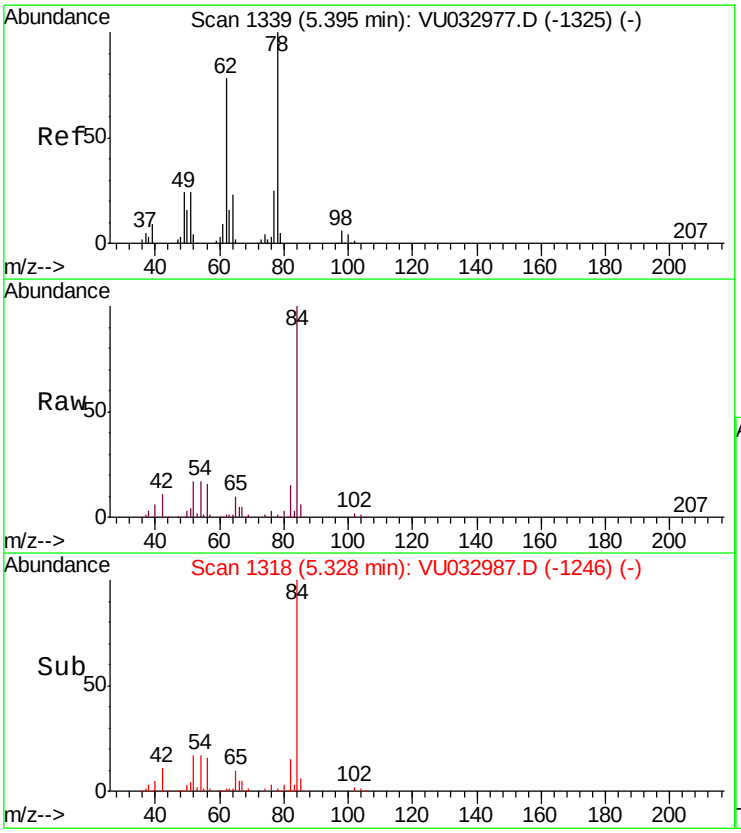
#13
Acetone
Concen: 1.495 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Instrument : MSVOA_U
ClientSampleId : ETF43

Tgt Ion: 43 Resp: 2222

Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.0	60.6

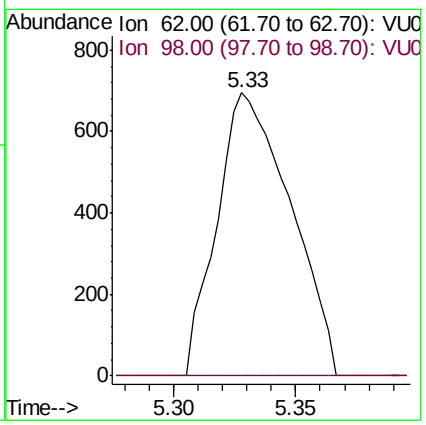


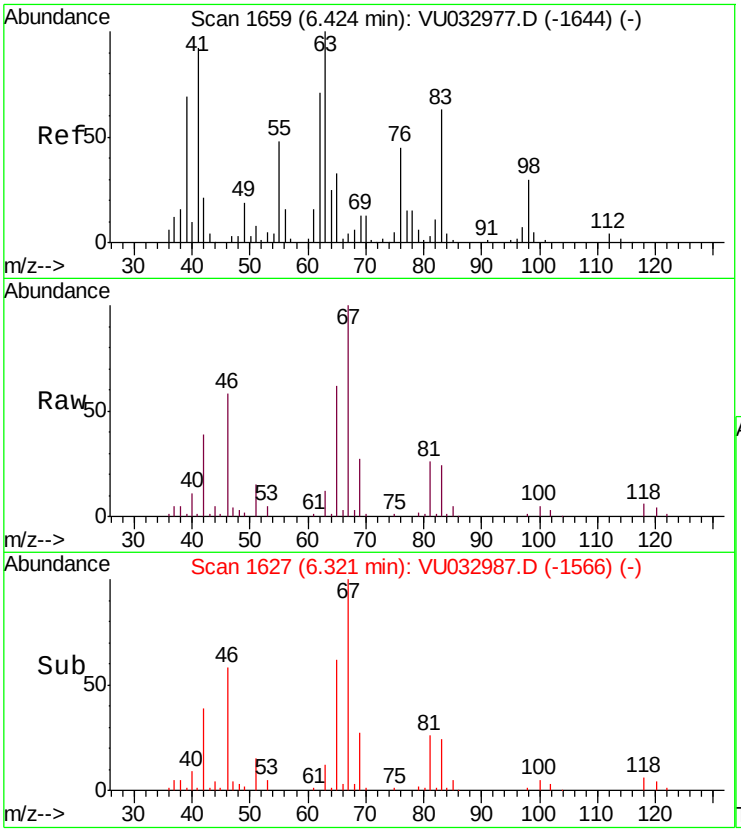


#27
1,2-Dichloroethane
Concen: 0.697 ug/L
RT: 5.33 min Scan# 1318
Delta R.T. -0.07 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Tgt Ion: 62 Resp: 1454

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



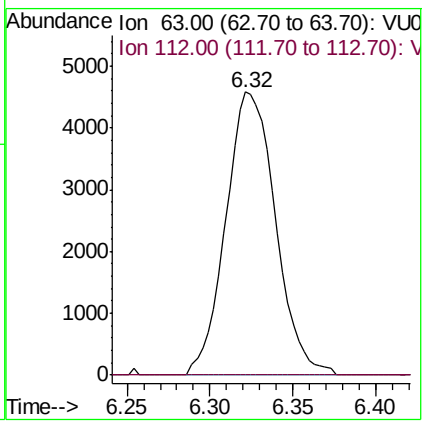


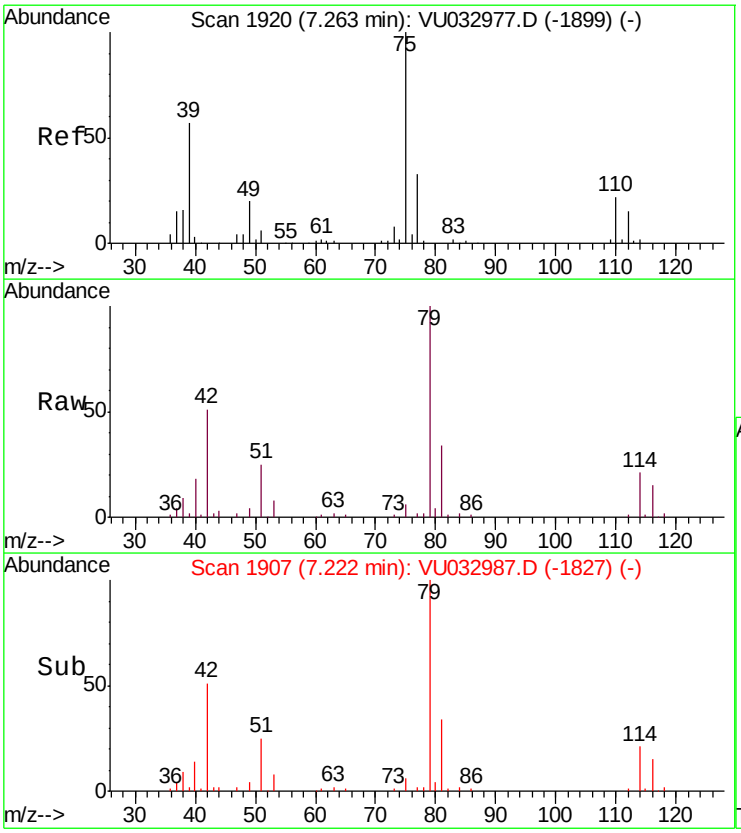
#37
1,2-Dichloropropane
Concen: 6.534 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Instrument : MSVOA_U
ClientSampleId : ETF43

Tgt Ion: 63 Resp: 9548

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

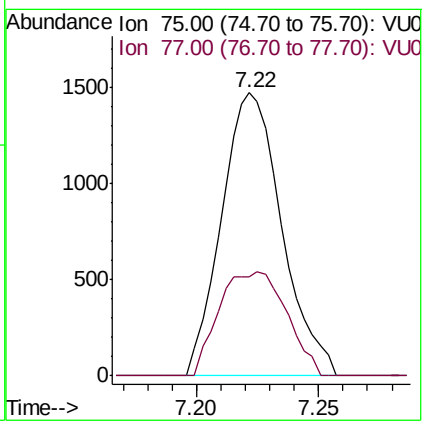


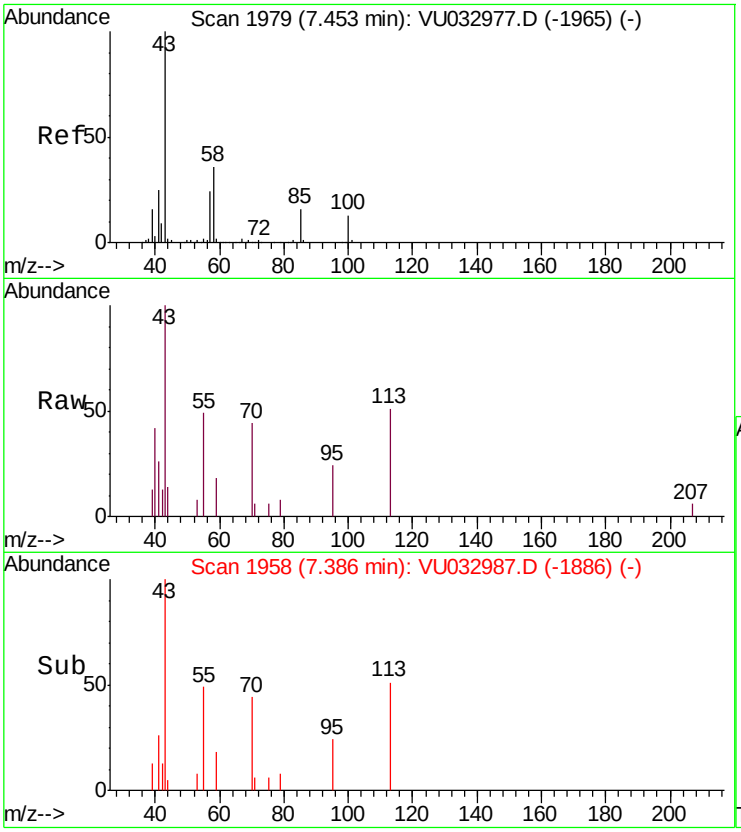


#39
cis-1,3-Dichloropropene
Concen: 1.106 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Tgt Ion: 75 Resp: 2517

Ion	Ratio	Lower	Upper
75	100		
77	35.2	21.9	40.7



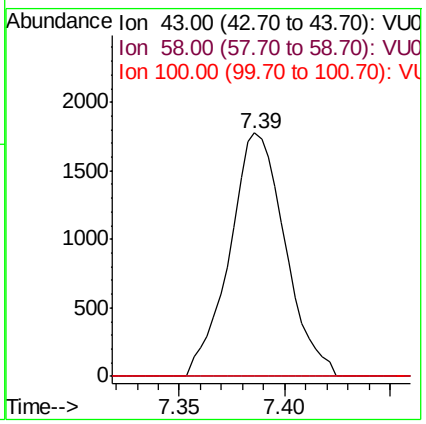


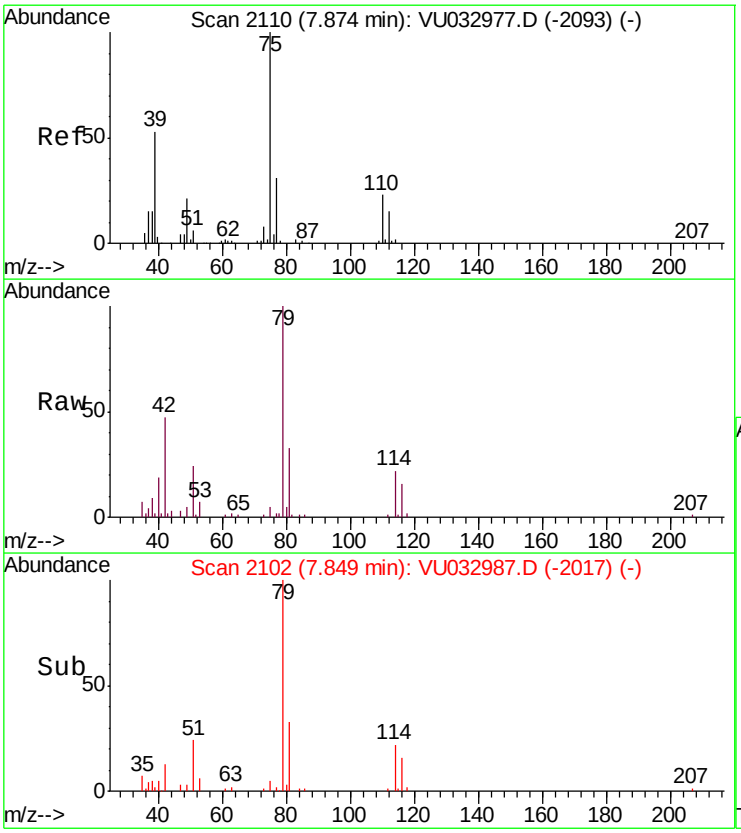
#40
4-Methyl-2-pentanone
Concen: 1.395 ug/L
RT: 7.39 min Scan# 1958
Delta R.T. -0.07 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Instrument :
MSVOA_U
ClientSampleId :
ETF43

Tgt Ion: 43 Resp: 3255

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#
100	0.0	11.2	16.8#

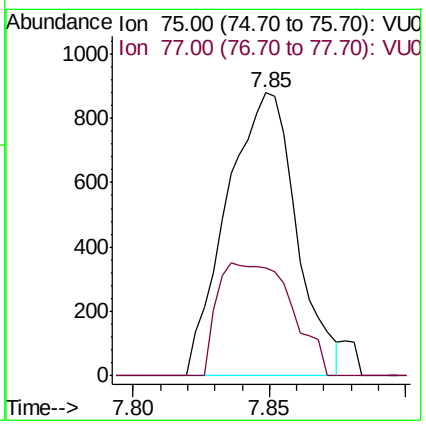


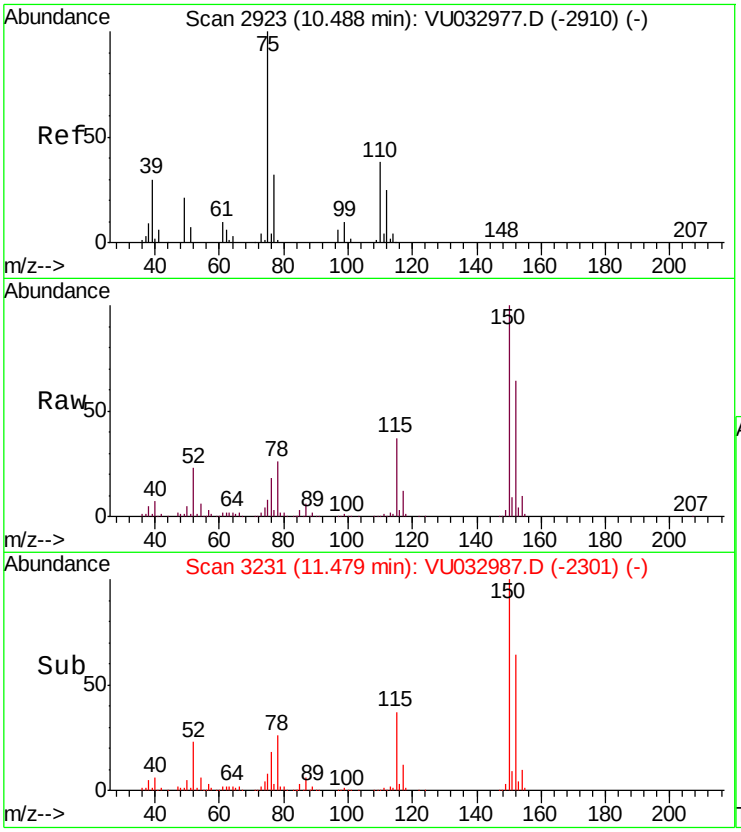


#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Tgt Ion: 75 Resp: 1558

Ion	Ratio	Lower	Upper
75	100		
77	38.0	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 5.881 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032987.D
Acq: 22 Jun 2019 08:29

Instrument :
MSVOA_U
ClientSampleId :
ETF43

Tgt Ion: 75 Resp: 11469

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.5	38.3