Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

Quantitation Report (Not Reviewed)

Data File : VU032586.D
Acq On : 10 Jun 2019 23:28
Operator : JC/SP
Sample : K3277-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C7

Quant Time: Jun 11 05:44:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182003	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	171640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86143	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	56000	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.84%			
7) Chloroethane-d5	1.68	69	46176	48.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.32%			
11) 1,1-Dichloroethene-d2	2.27	63	85485	36.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.94%			
21) 2-Butanone-d5	4.17	46	100978	102.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.19%			
24) Chloroform-d	4.64	84	110158	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.04%			
26) 1,2-Dichloroethane-d4	5.30	65	71948	51.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.72%			
32) Benzene-d6	5.33	84	224649	50.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.84%			
36) 1,2-Dichloropropane-d6	6.32	67	70601	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.06%			
41) Toluene-d8	7.56	98	206696	48.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.84%			
43) trans-1,3-Dichloropropene-	7.85	79	31389	46.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.88%			
47) 2-Hexanone-d5	8.31	63	62334	91.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99210	49.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	83987	50.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	750	0.674	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	664	0.615	ug/L #	1
13) Acetone	2.32	43	2588	2.538	ug/L	94
34) Trichloroethene	6.18	95	19498	14.861	ug/L	99
35) Methylcyclohexane	6.32	83	15984	7.525	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7871	6.157	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2091	1.037	ug/L #	62
40) 4-Methyl-2-pentanone	7.56	43	988	0.480	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1291	0.721	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	10173	6.121	ug/L #	86

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

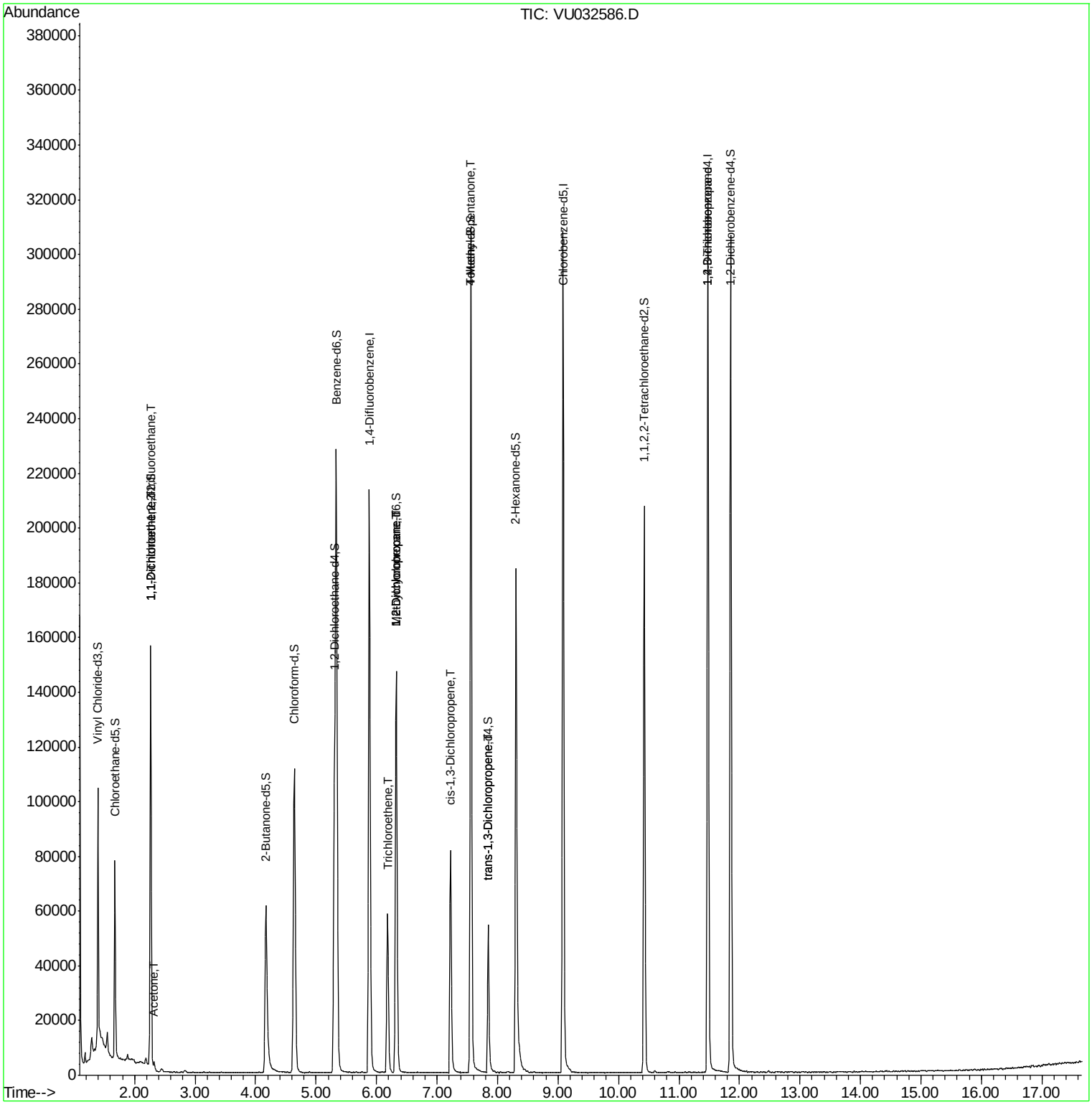
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

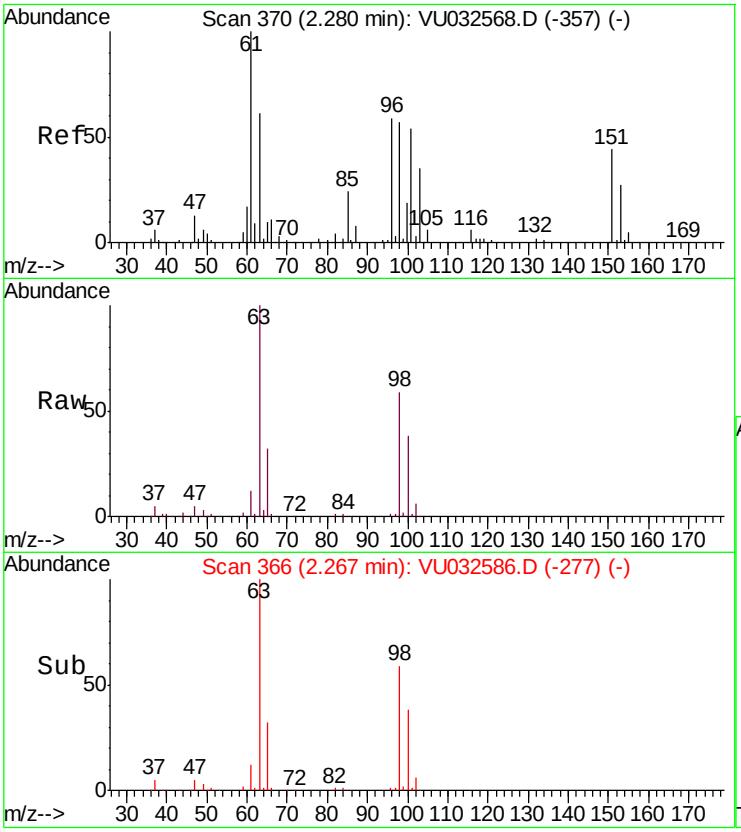
Quantitation Report (Not Reviewed)

Data File : VU032586.D
Acq On : 10 Jun 2019 23:28
Operator : JC/SP
Sample : K3277-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C7

Quant Time: Jun 11 05:44:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration



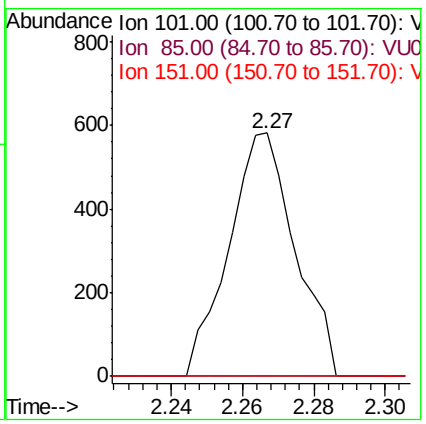


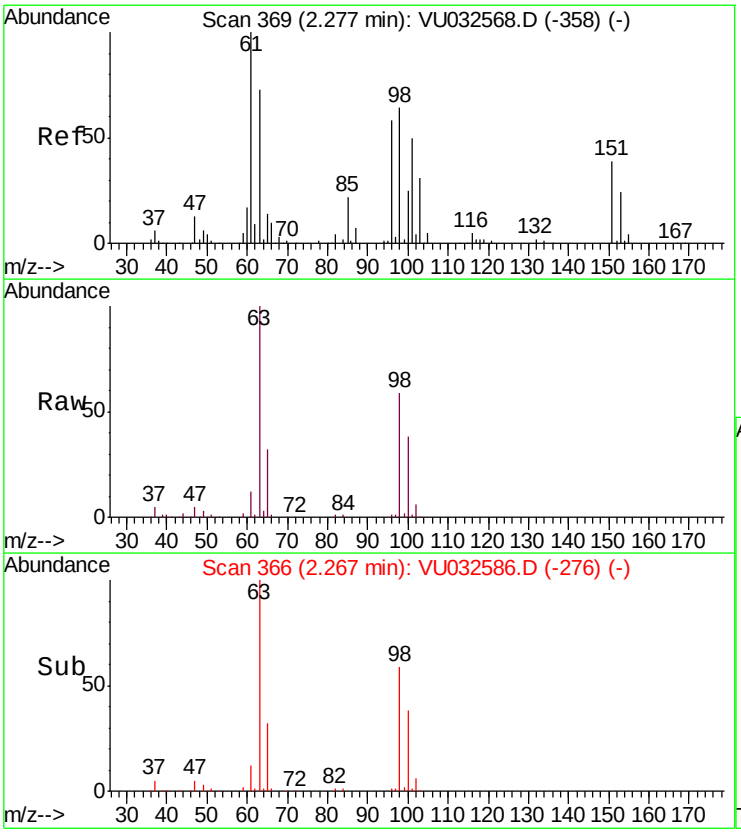
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.674 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Instrument :
MSVOA_U
ClientSampleId :
DB8C7

Tgt Ion:101 Resp: 750

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

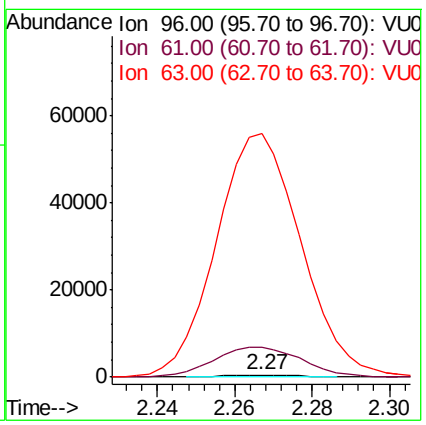


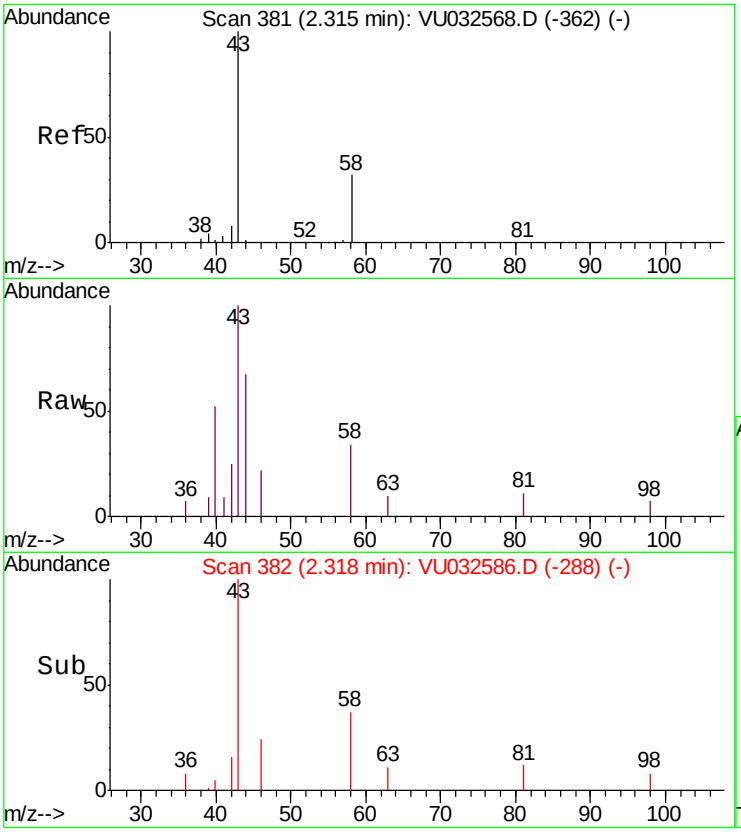


#12
1,1-Dichloroethene
Concen: 0.615 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Tgt Ion: 96 Resp: 664

Ion	Ratio	Lower	Upper
96	100		
61	1366.9	129.5	240.5#
63	11133.1	103.4	192.0#



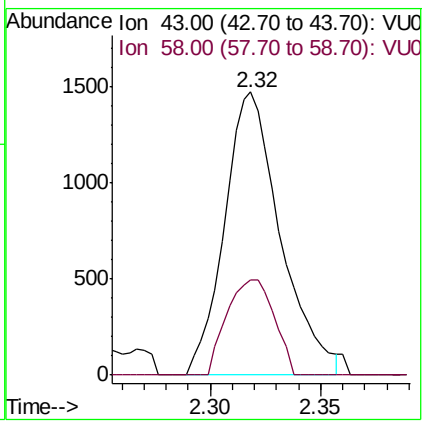


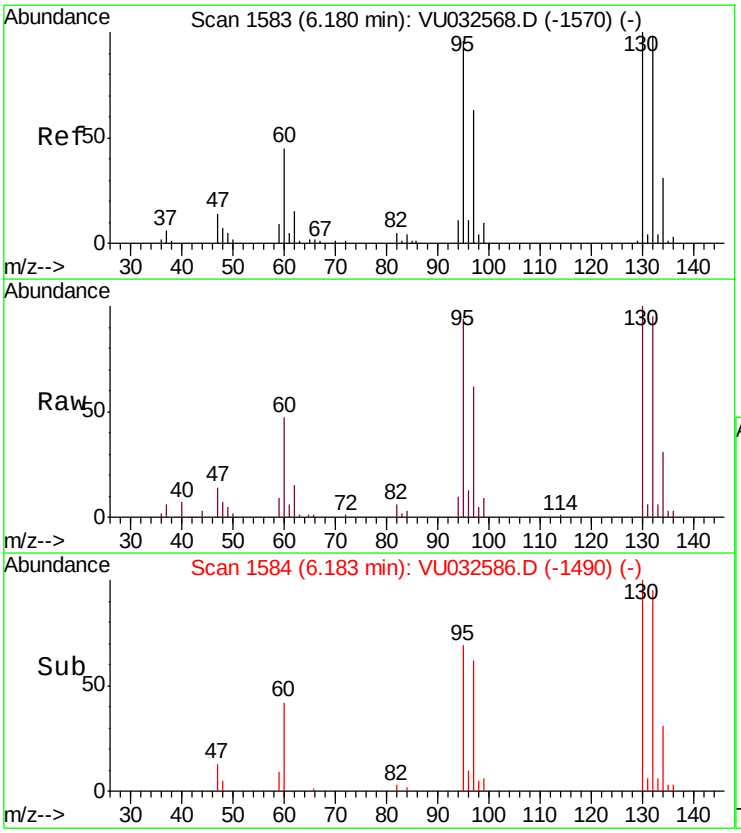
#13
Acetone
Concen: 2.538 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Instrument : MSVOA_U
ClientSampleId : DB8C7

Tgt Ion: 43 Resp: 2588

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	64.0

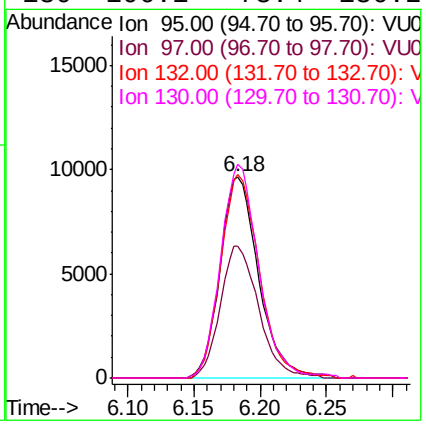


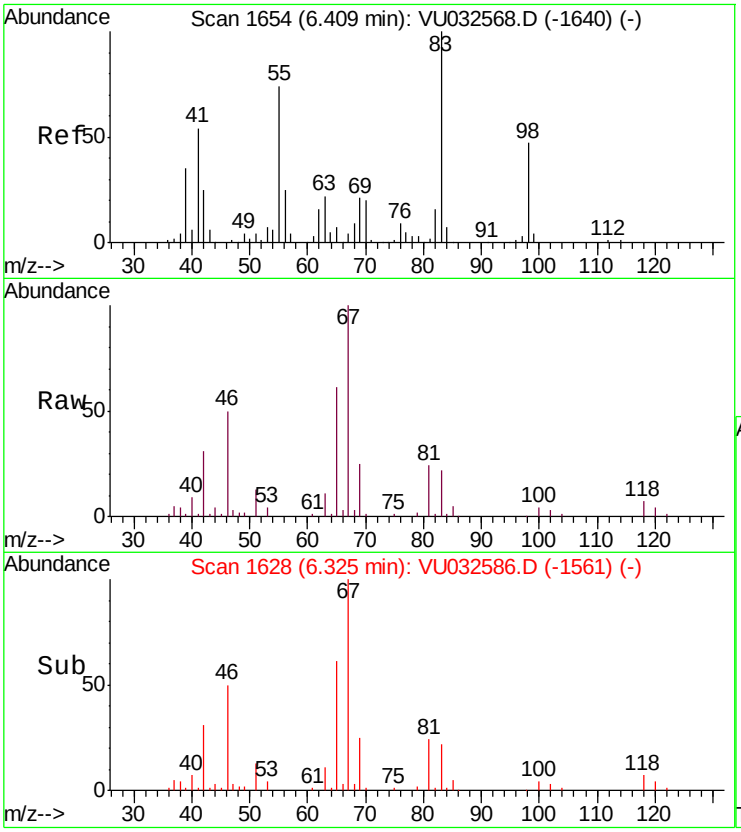


#34
Trichloroethene
Concen: 14.861 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Tgt Ion: 95 Resp: 19498

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.2
132	101.2	71.0	131.8
130	106.1	73.4	136.2



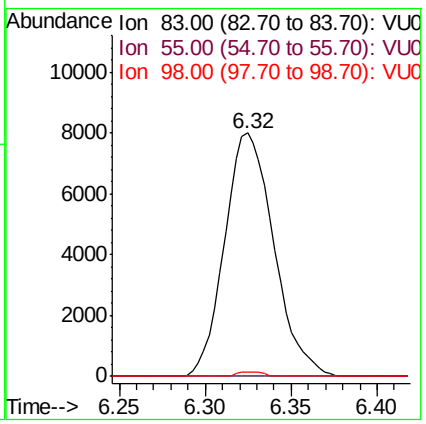


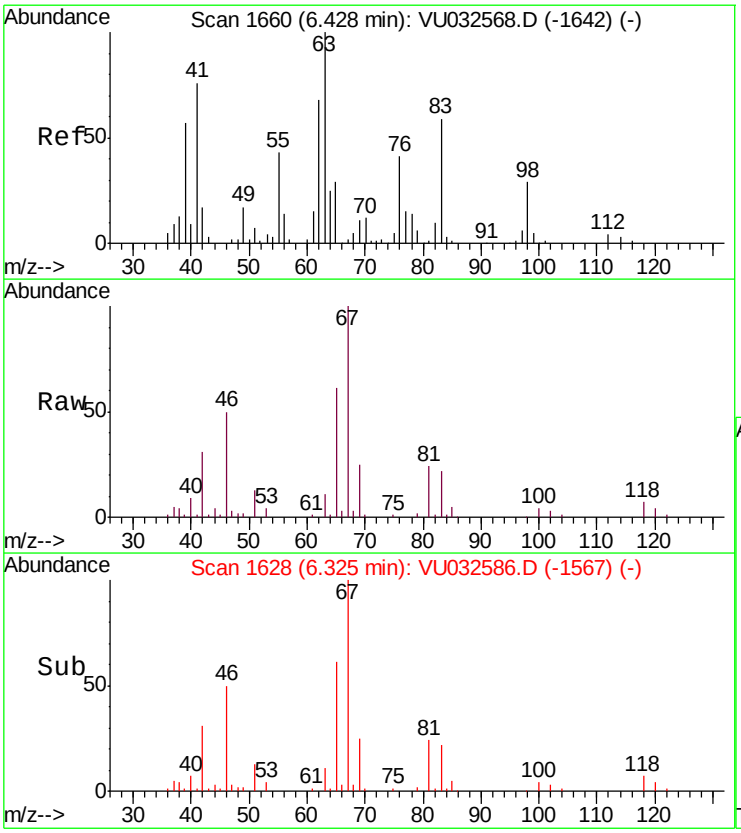
#35
Methylcyclohexane
Concen: 7.525 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Instrument : MSVOA_U
ClientSampleId : DB8C7

Tgt Ion: 83 Resp: 15984

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	1.0	37.4	56.2#

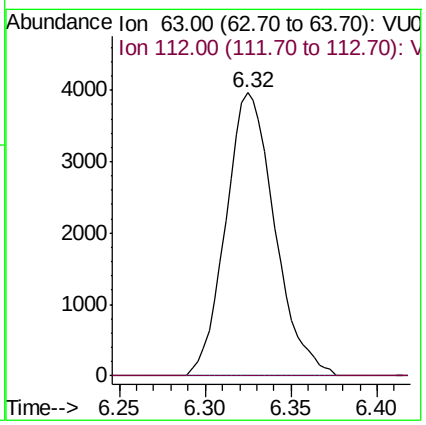


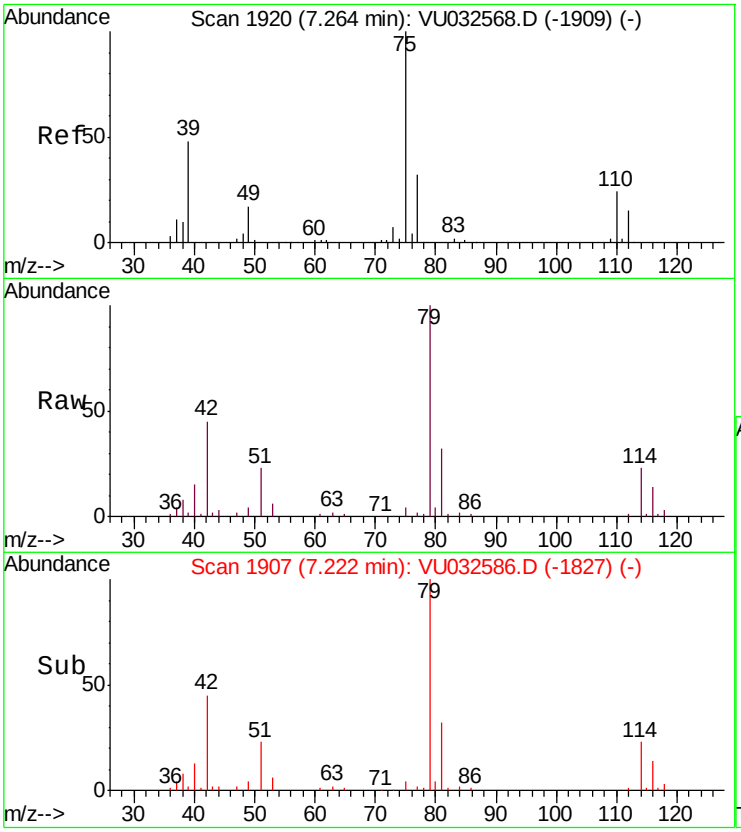


#37
1,2-Dichloropropane
Concen: 6.157 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Tgt Ion: 63 Resp: 7871

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



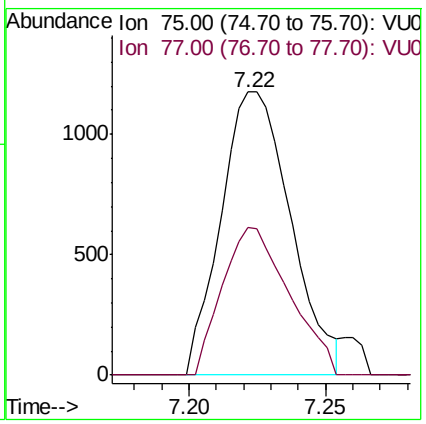


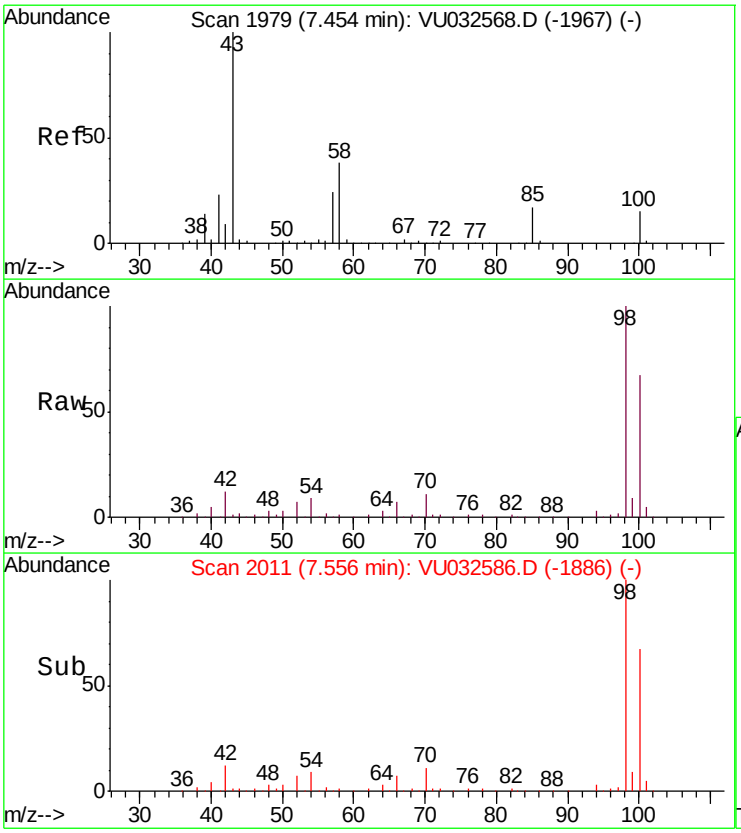
#39
cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Instrument :
MSVOA_U
ClientSampleId :
DB8C7

Tgt Ion: 75 Resp: 2091

Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.0	41.0#

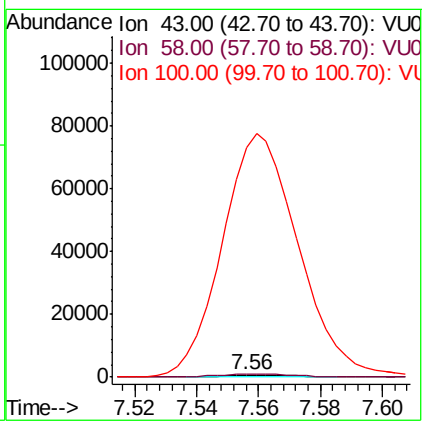


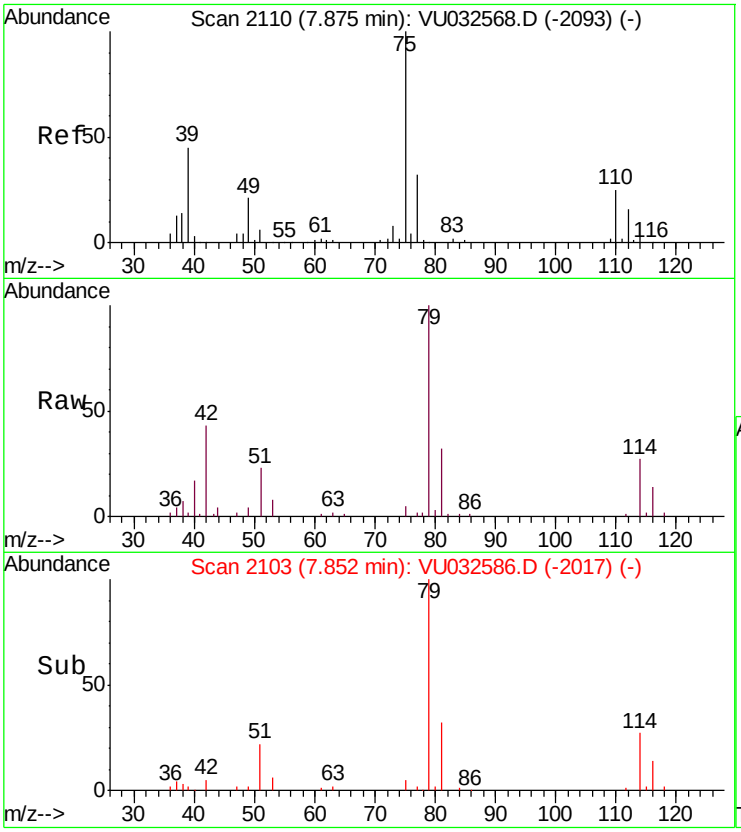


#40
4-Methyl-2-pentanone
Concen: 0.480 ug/L
RT: 7.56 min Scan# 2011
Delta R.T. 0.10 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Tgt Ion: 43 Resp: 988

Ion	Ratio	Lower	Upper
43	100		
58	164.9	30.8	46.2#
100	13547.2	12.1	18.1#



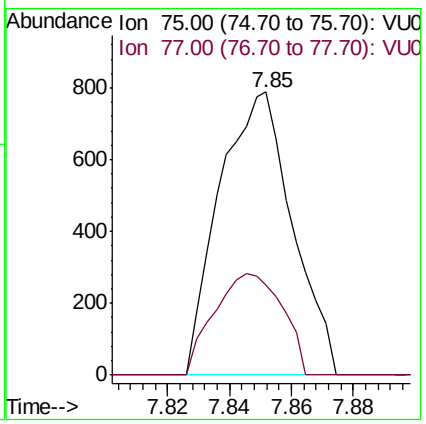


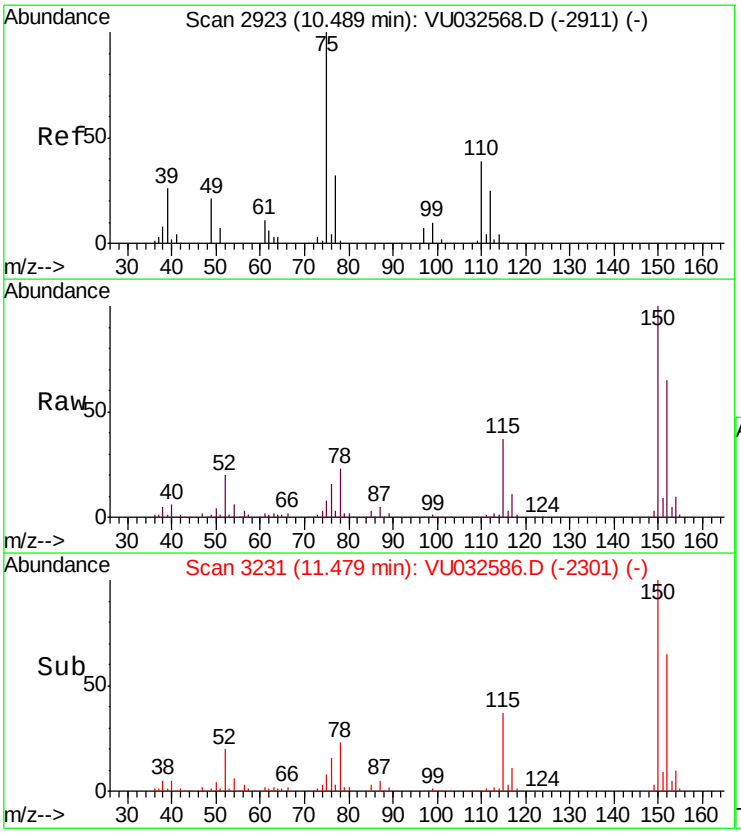
#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Instrument :
MSVOA_U
ClientSampleId :
DB8C7

Tgt Ion: 75 Resp: 1291

Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 6.121 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032586.D
Acq: 10 Jun 2019 23:28

Tgt Ion: 75 Resp: 10173

Ion	Ratio	Lower	Upper
75	100		
77	39.9	25.6	38.4#