Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (Not Reviewed)

Data File : VU032671.D
Acq On : 12 Jun 2019 22:37
Operator : JC/SP
Sample : K3313-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0LZ4

Quant Time: Jun 13 06:03:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170063	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163096	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78909	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50565	45.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.66%			
7) Chloroethane-d5	1.68	69	40424	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.18%			
11) 1,1-Dichloroethene-d2	2.27	63	74961	34.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.40%			
21) 2-Butanone-d5	4.17	46	85855	92.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.98%			
24) Chloroform-d	4.64	84	95206	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.54%			
26) 1,2-Dichloroethane-d4	5.30	65	63697	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
32) Benzene-d6	5.33	84	194515	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.88%			
36) 1,2-Dichloropropane-d6	6.32	67	61847	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.16%			
41) Toluene-d8	7.56	98	175465	43.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.42%			
43) trans-1,3-Dichloropropene-	7.85	79	25877	40.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.46%			
47) 2-Hexanone-d5	8.31	63	46914	72.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 72.85%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83379	43.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	72306	47.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.68%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	615	0.592	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	781	0.774	ug/L #	1
13) Acetone	2.31	43	1895	1.989	ug/L	90
27) 1,2-Dichloroethane	5.33	62	1131	0.695	ug/L #	75
34) Trichloroethene	6.19	95	3740	3.000	ug/L	94
35) Methylcyclohexane	6.33	83	14010	6.941	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	7172	5.904	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1826	0.953	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	1130	0.664	ug/L	94
48) 2-Hexanone	8.36	43	6742	4.200	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	9431	5.972	ug/L	91

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

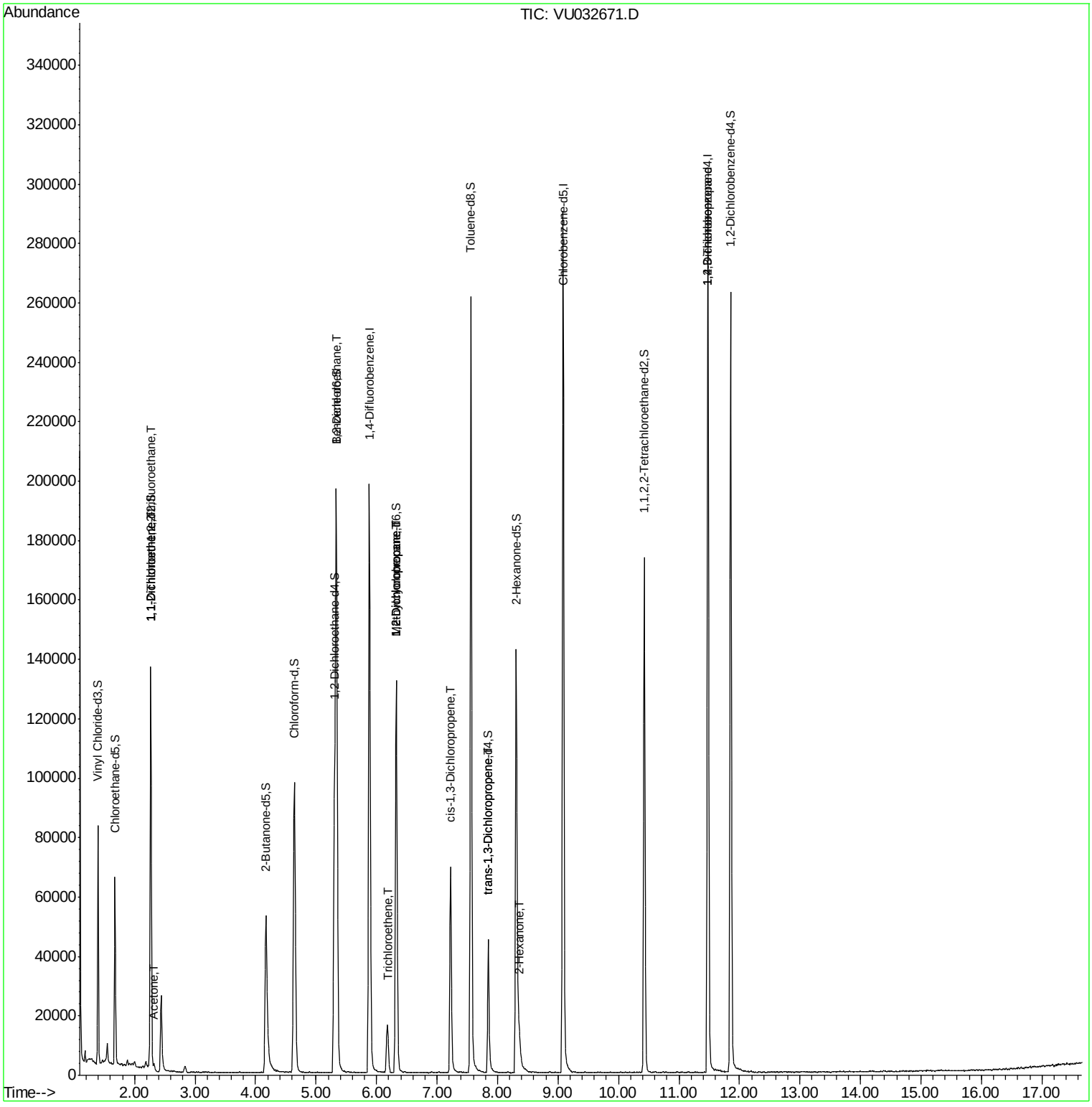
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

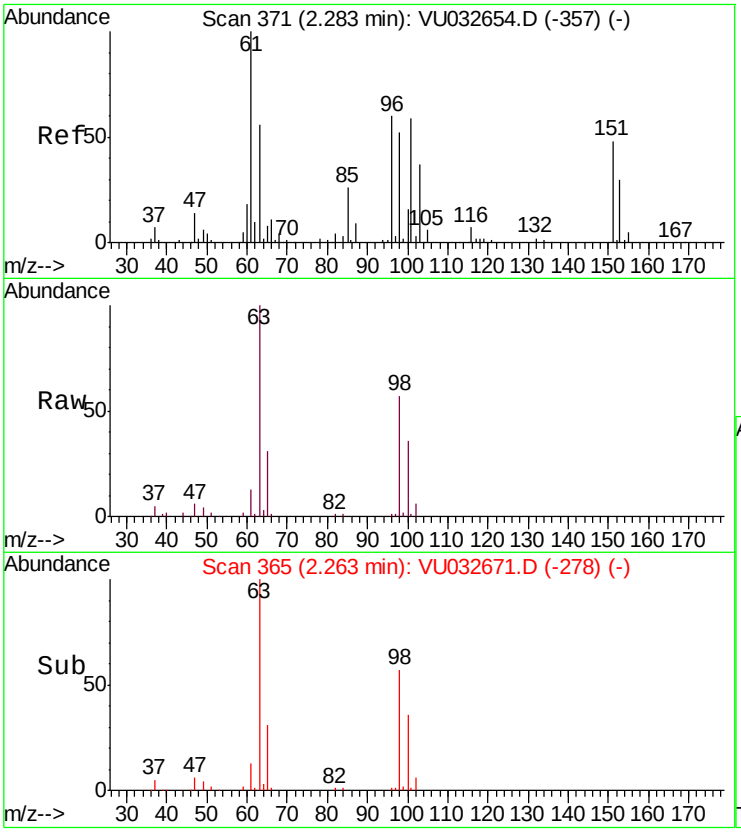
Quantitation Report (Not Reviewed)

Data File : VU032671.D
Acq On : 12 Jun 2019 22:37
Operator : JC/SP
Sample : K3313-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0LZ4

Quant Time: Jun 13 06:03:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration



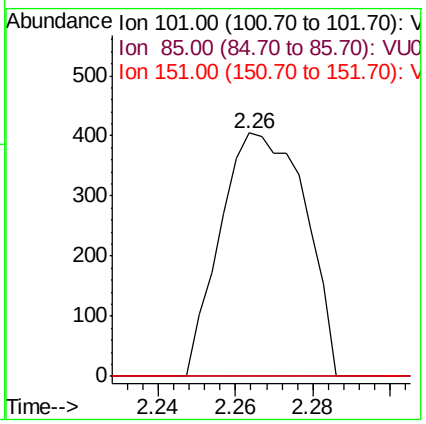


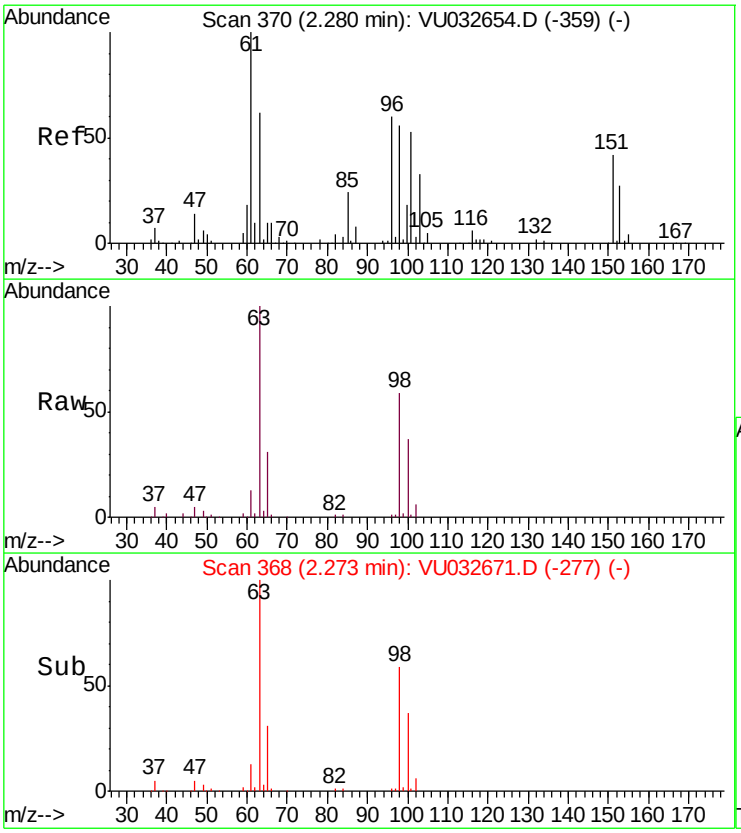
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.592 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument :
MSVOA_U
ClientSampleId :
C0LZ4

Tgt Ion:101 Resp: 615

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

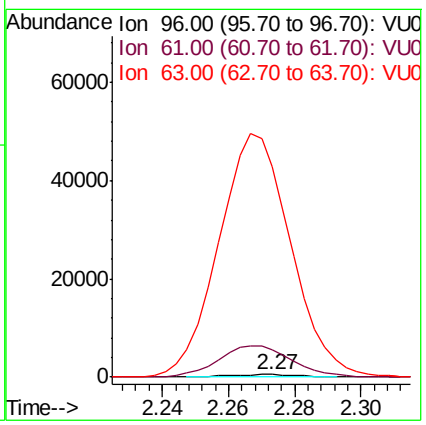


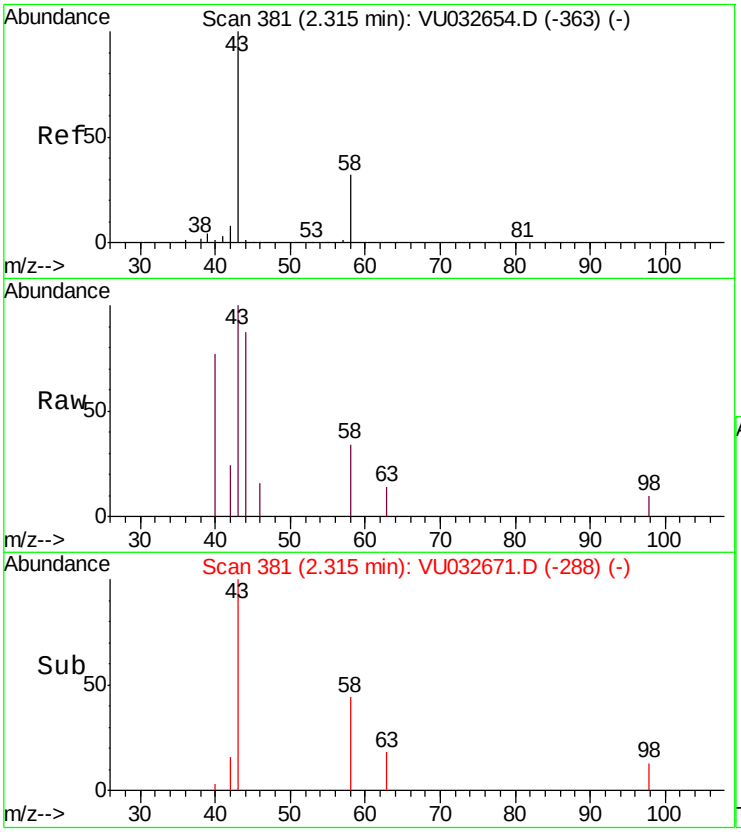


#12
1,1-Dichloroethene
Concen: 0.774 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Tgt Ion: 96 Resp: 781

Ion	Ratio	Lower	Upper
96	100		
61	1036.0	129.5	240.5#
63	7837.7	103.4	192.0#



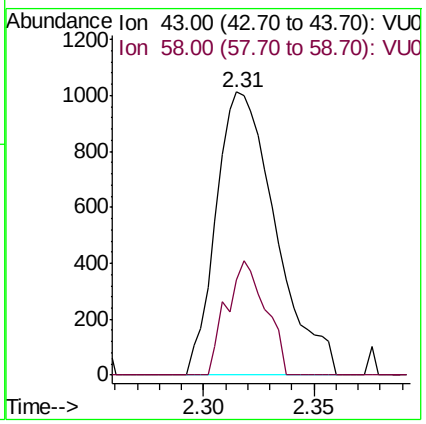


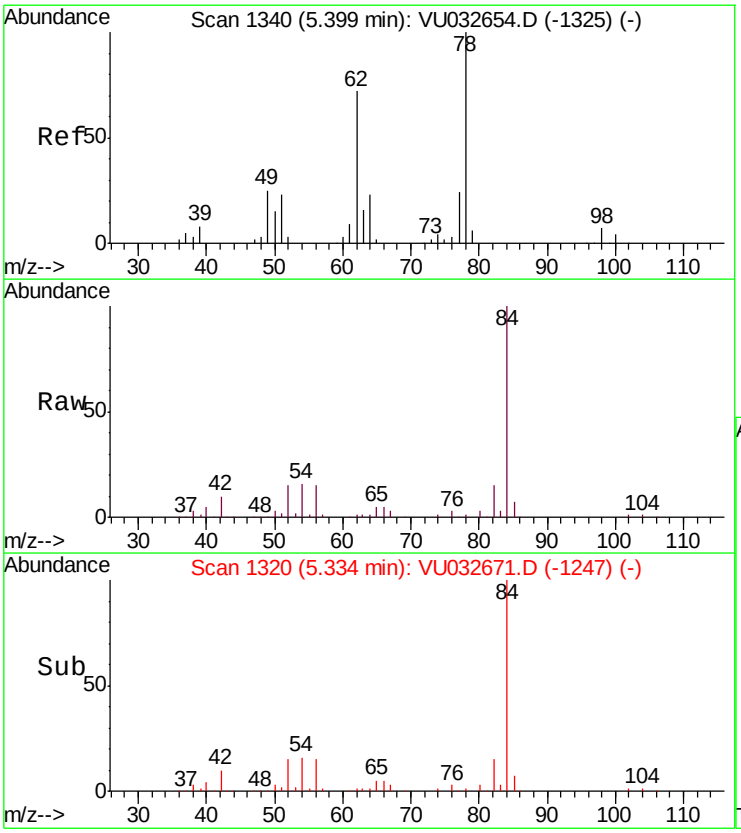
#13
Acetone
Concen: 1.989 ug/L
RT: 2.31 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument : MSVOA_U
ClientSampleId : C0LZ4

Tgt Ion: 43 Resp: 1895

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	64.0

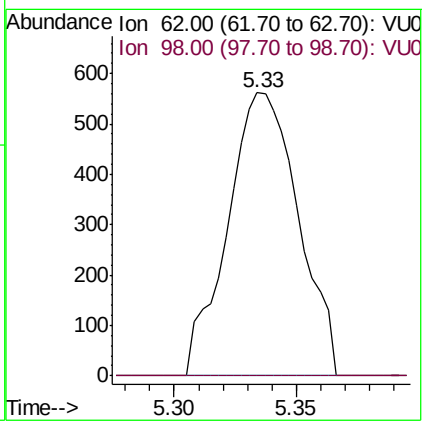


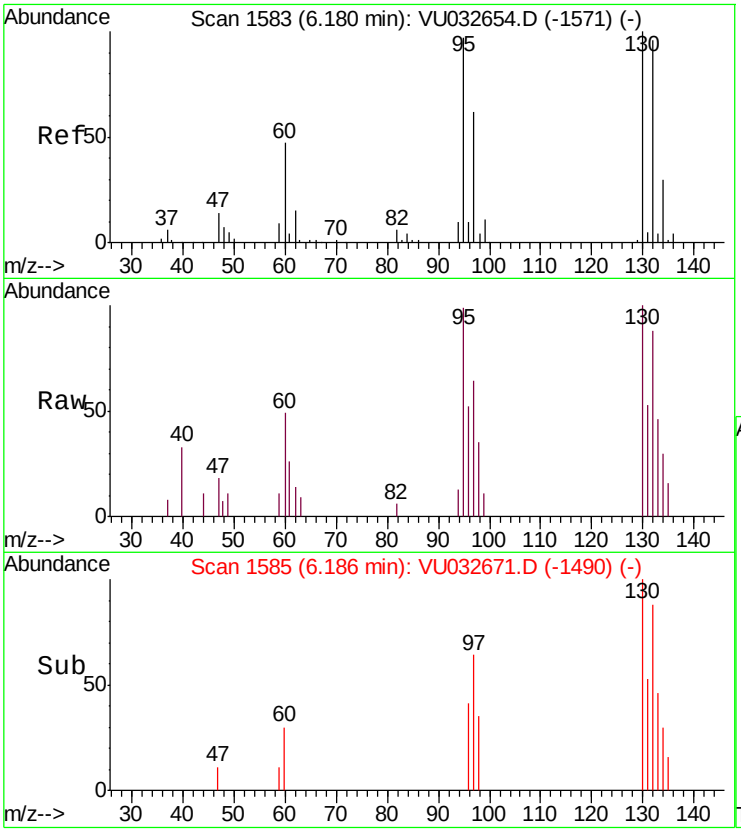


#27
1,2-Dichloroethane
Concen: 0.695 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Tgt Ion: 62 Resp: 1131

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



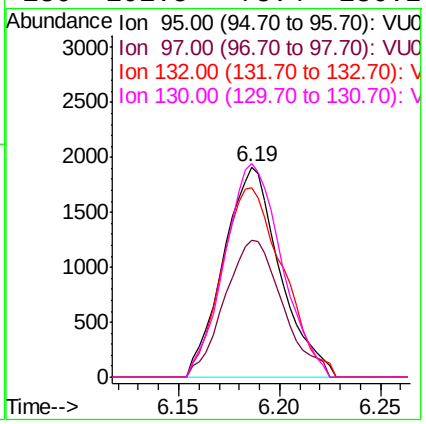


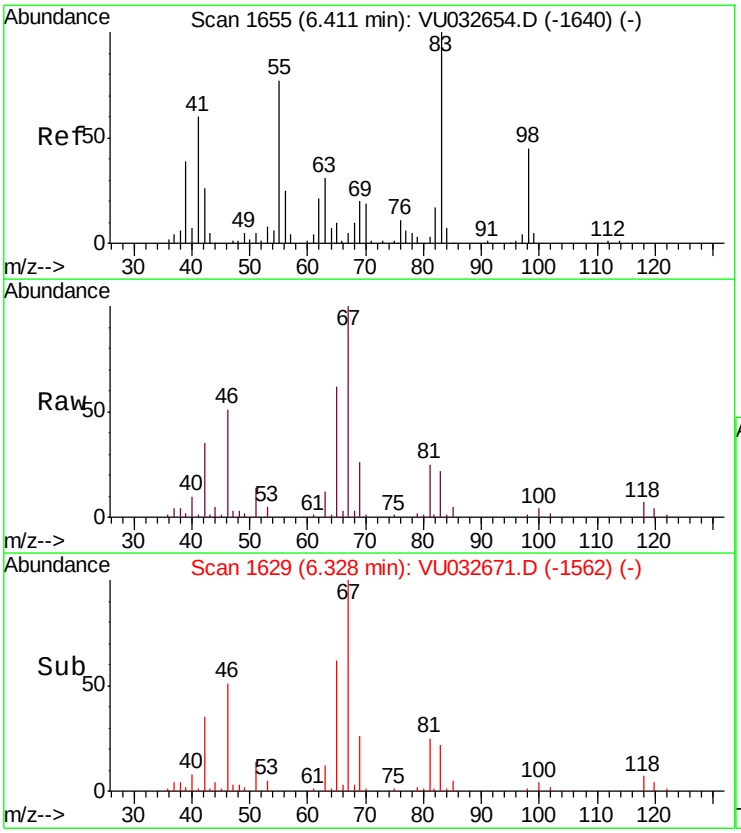
#34
Trichloroethene
Concen: 3.000 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument : MSVOA_U
ClientSampleId : C0LZ4

Tgt Ion: 95 Resp: 3740

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	89.8	71.0	131.8
130	101.5	73.4	136.2

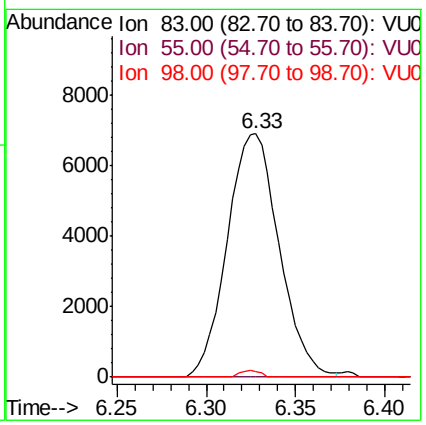


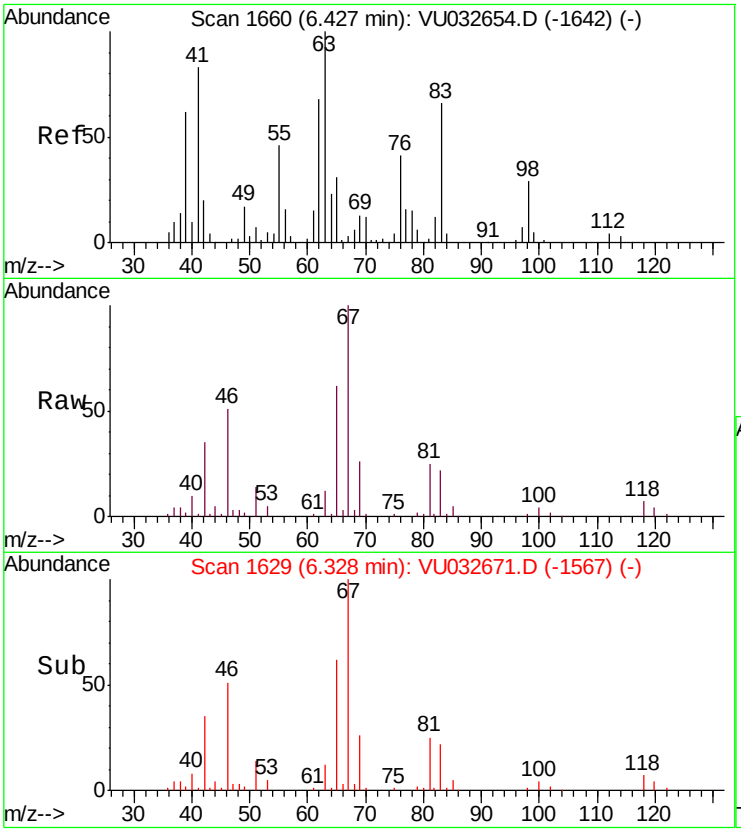


#35
Methylcyclohexane
Concen: 6.941 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Tgt Ion: 83 Resp: 14010

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	1.1	37.4	56.2#



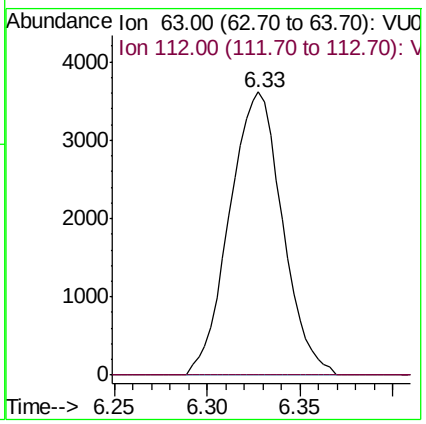


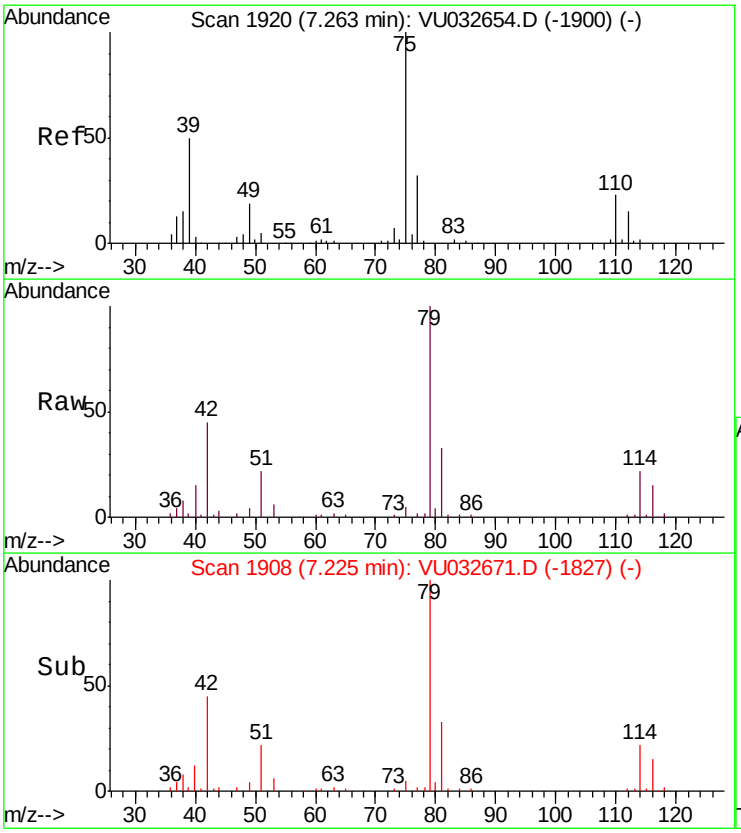
#37
1,2-Dichloropropane
Concen: 5.904 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument : MSVOA_U
ClientSampleId : C0LZ4

Tgt Ion: 63 Resp: 7172

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

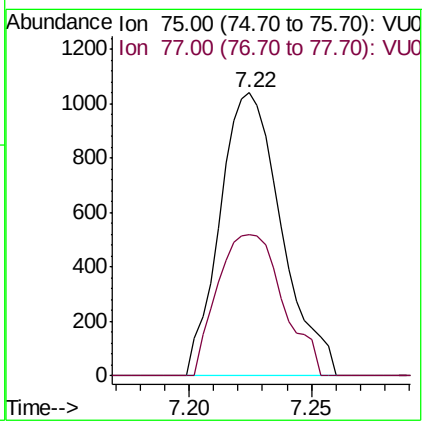


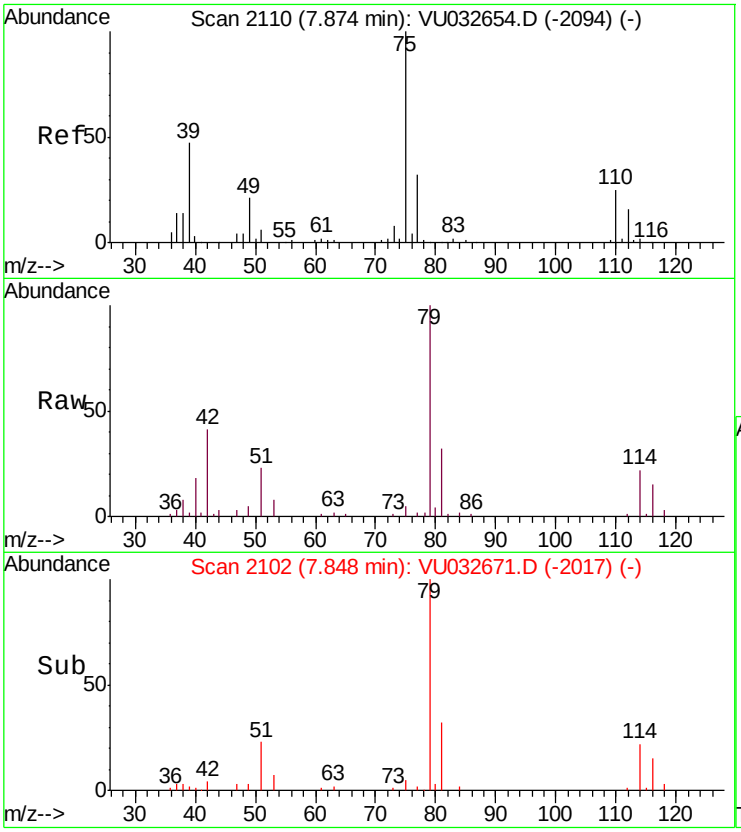


#39
cis-1,3-Dichloropropene
Concen: 0.953 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Tgt Ion: 75 Resp: 1826

Ion	Ratio	Lower	Upper
75	100		
77	49.8	22.0	41.0#



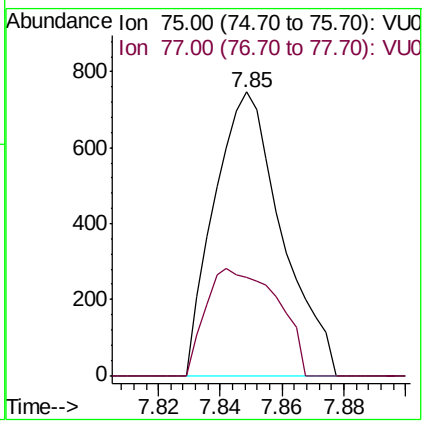


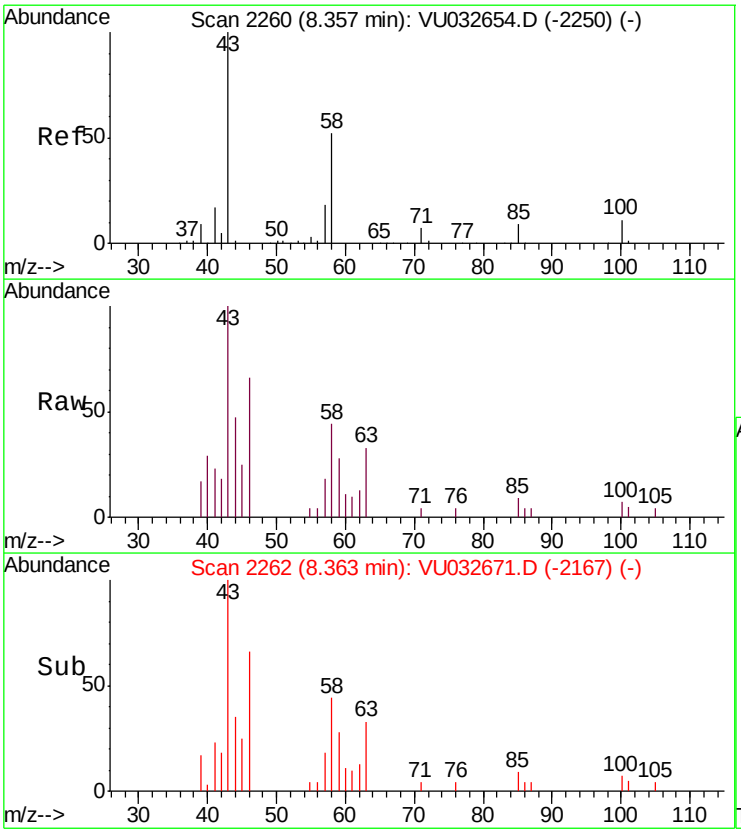
#44
trans-1,3-Dichloropropene
Concen: 0.664 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument :
MSVOA_U
ClientSampleId :
C0LZ4

Tgt Ion: 75 Resp: 1130

Ion	Ratio	Lower	Upper
75	100		
77	34.7	22.1	41.1

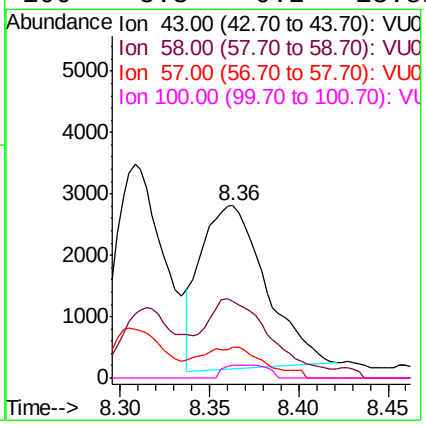


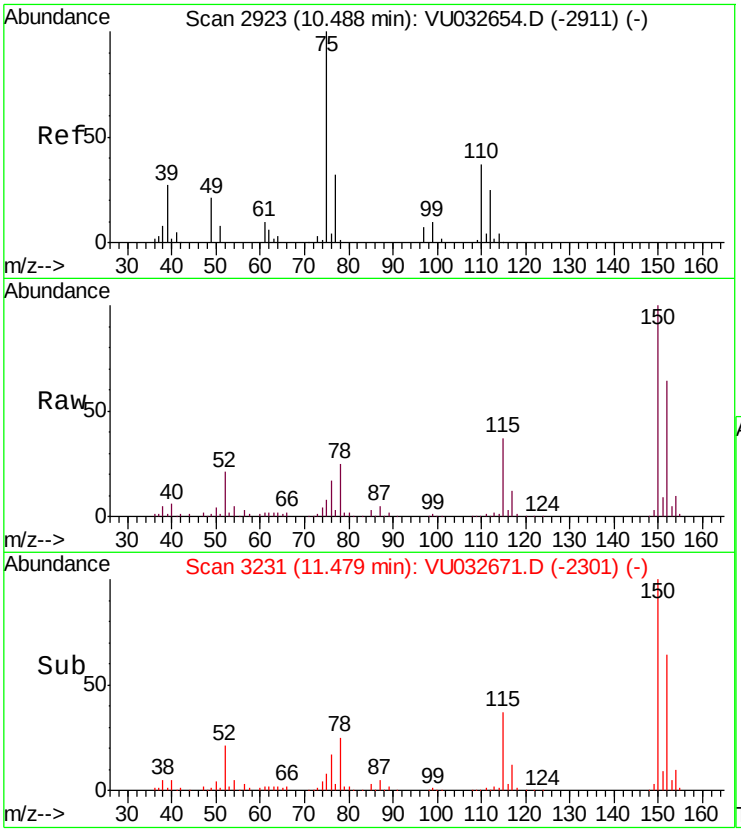


#48
2-Hexanone
Concen: 4.200 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Tgt Ion: 43 Resp: 6742

Ion	Ratio	Lower	Upper
43	100		
58	39.9	42.0	63.0#
57	2.6	14.6	22.0#
100	5.3	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.972 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032671.D
Acq: 12 Jun 2019 22:37

Instrument :
MSVOA_U
ClientSampleId :
C0LZ4

Tgt Ion: 75 Resp: 9431

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4