Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\

Quantitation Report (Not Reviewed)

Data File : VU027494.D
Acq On : 08 Oct 2018 12:56
Operator : MD/SY
Sample : J5250-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0912

Quant Time: Oct 09 04:56:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195469	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85155	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65640	42.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.34%			
7) Chloroethane-d5	1.68	69	53613	45.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.48%			
11) 1,1-Dichloroethene-d2	2.27	63	93349	32.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.70%			
21) 2-Butanone-d5	4.18	46	134007	107.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.91%			
24) Chloroform-d	4.65	84	124798	50.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.44%			
26) 1,2-Dichloroethane-d4	5.31	65	86356	50.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.18%			
32) Benzene-d6	5.34	84	249794	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.82%			
36) 1,2-Dichloropropane-d6	6.33	67	90705	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.52%			
41) Toluene-d8	7.57	98	211260	44.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.72%			
43) trans-1,3-Dichloropropene-	7.85	79	39730	45.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.38%			
47) 2-Hexanone-d5	8.31	63	93974	103.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118344	50.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81424	48.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.76%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	732	0.566	ug/L #	21
13) Acetone	2.32	43	2293	2.251	ug/L	96
25) Chloroform	4.67	83	9056	3.247	ug/L	99
35) Methylcyclohexane	6.33	83	19924	7.893	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9297	5.312	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2128	0.827	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	1612	0.675	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	11884	5.997	ug/L	93

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

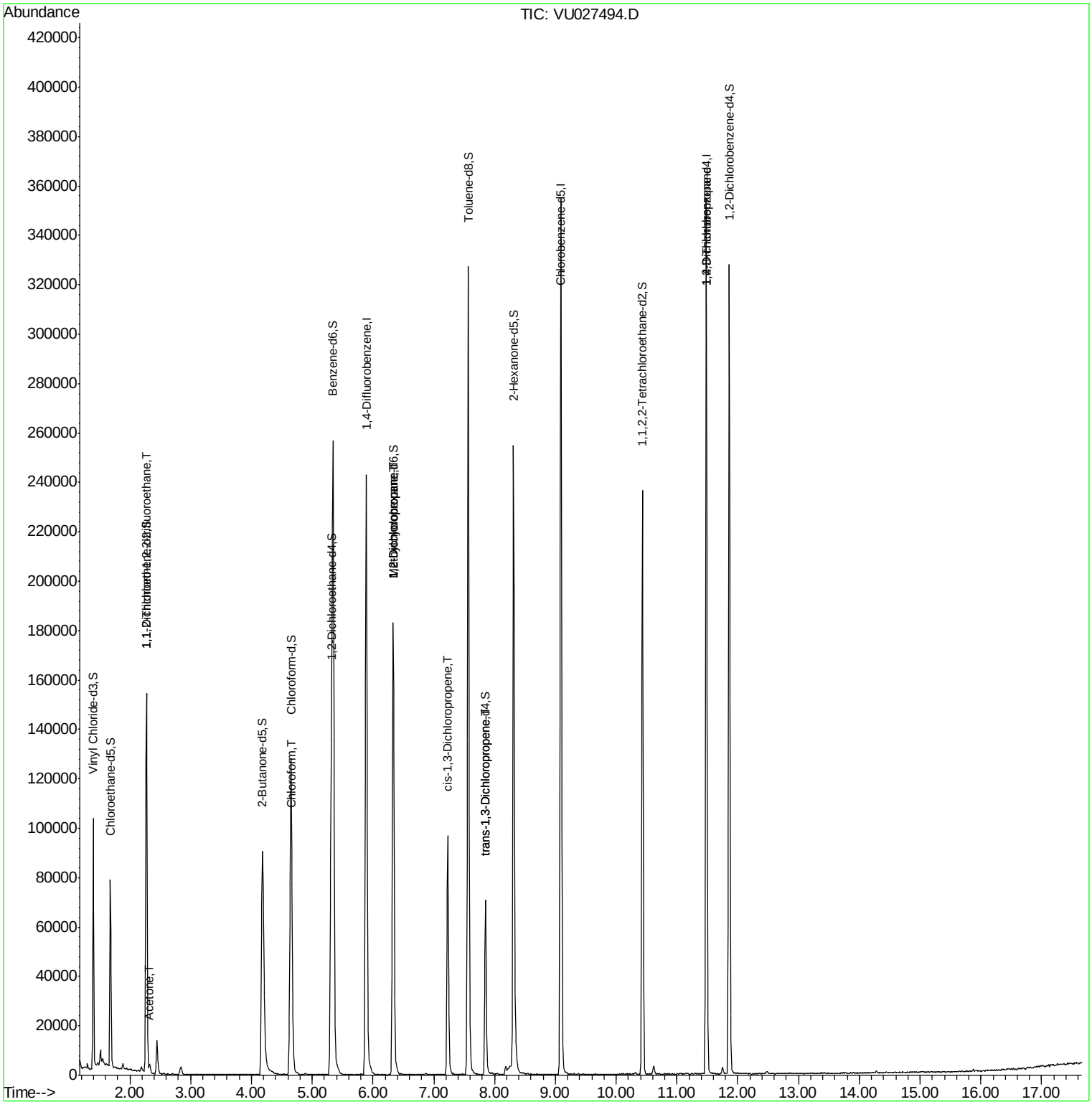
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\

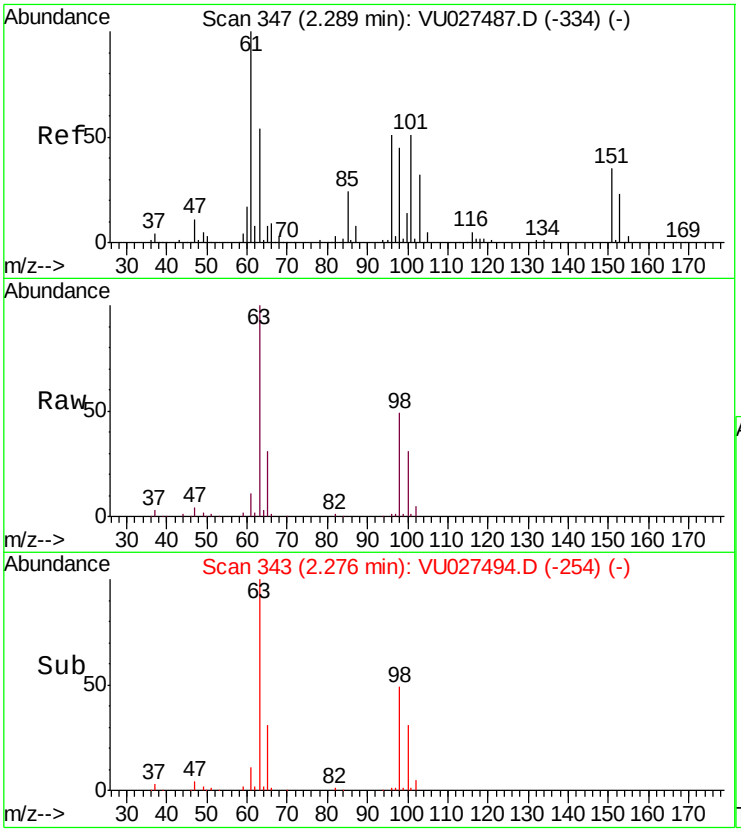
Quantitation Report (Not Reviewed)

Data File : VU027494.D
Acq On : 08 Oct 2018 12:56
Operator : MD/SY
Sample : J5250-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0912

Quant Time: Oct 09 04:56:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration



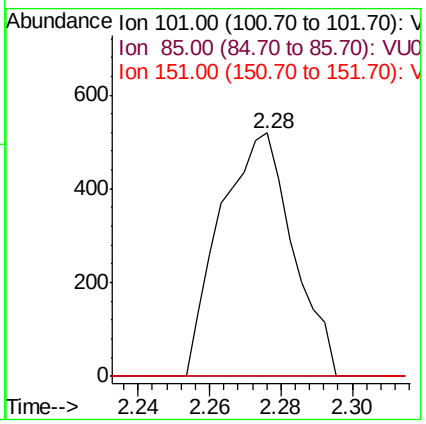


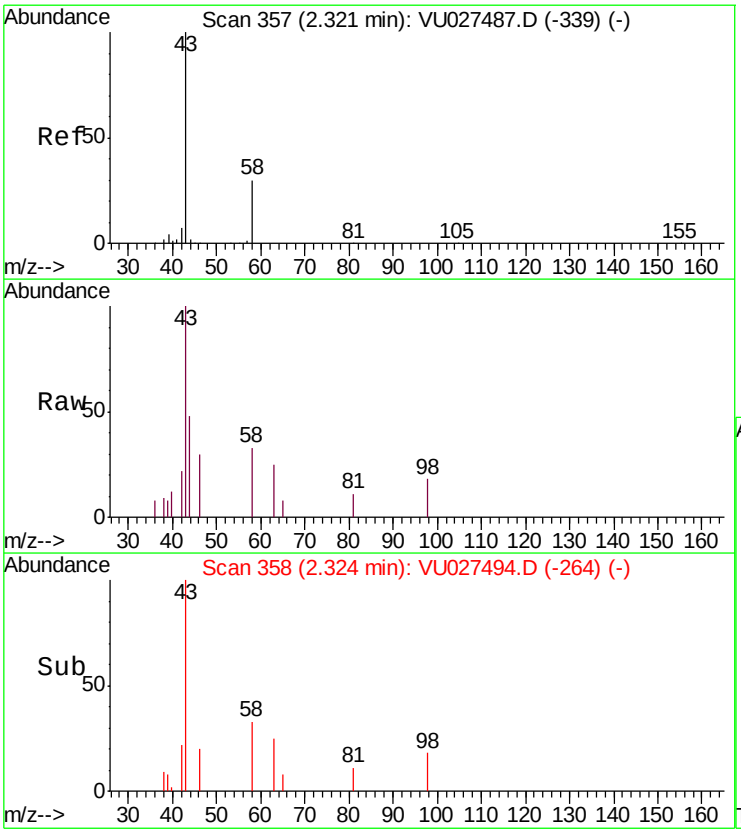
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.566 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Instrument : MSVOA_U
ClientSampleId : C0912

Tgt Ion:101 Resp: 732

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	55.7	83.5#

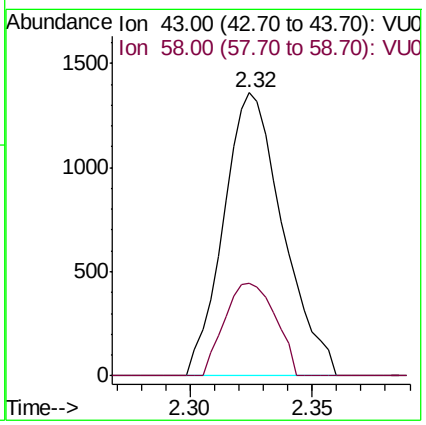


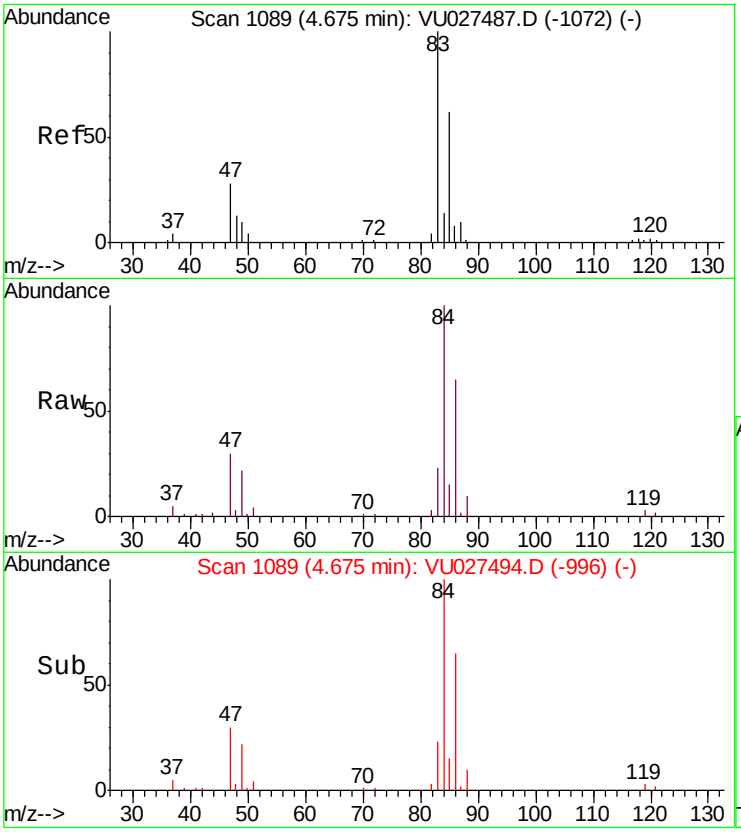


#13
Acetone
Concen: 2.251 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Tgt Ion: 43 Resp: 2293

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	60.8



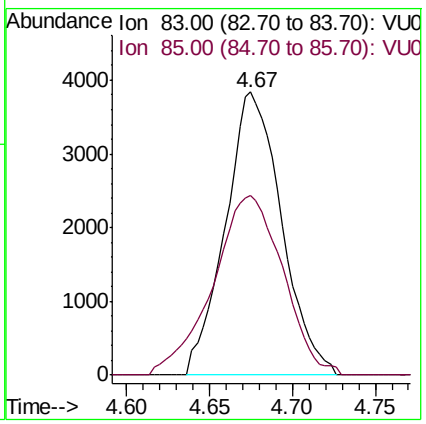


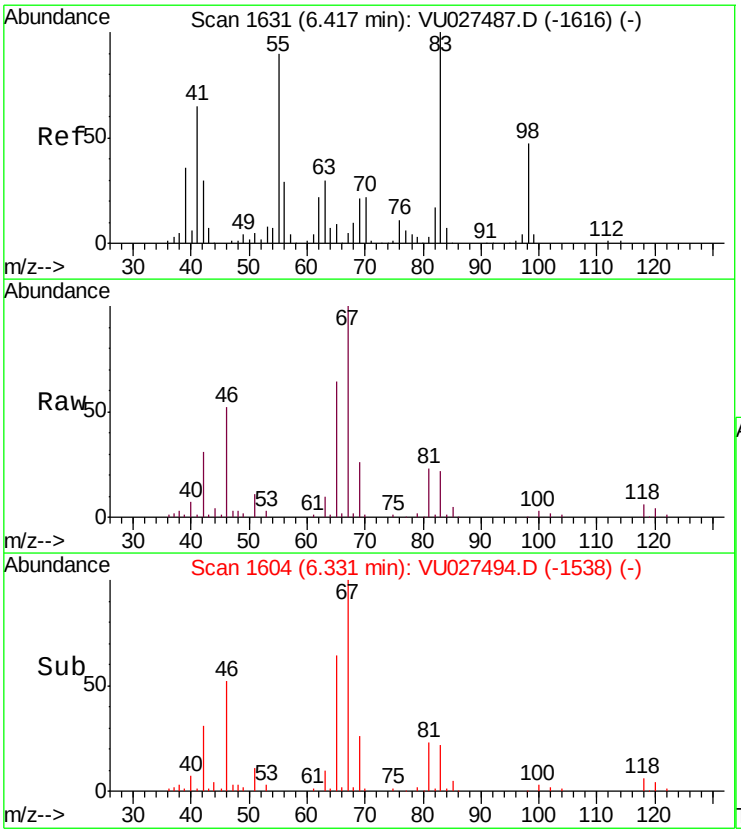
#25
Chloroform
Concen: 3.247 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
C0912

Tgt Ion: 83 Resp: 9056

Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.0	83.6

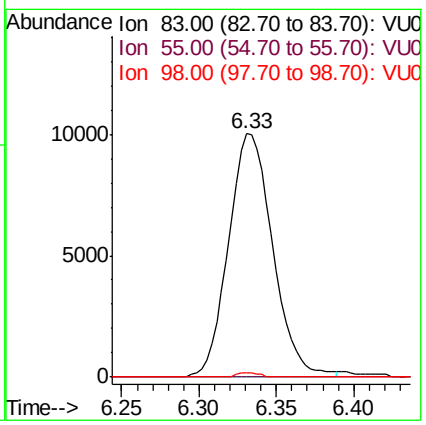


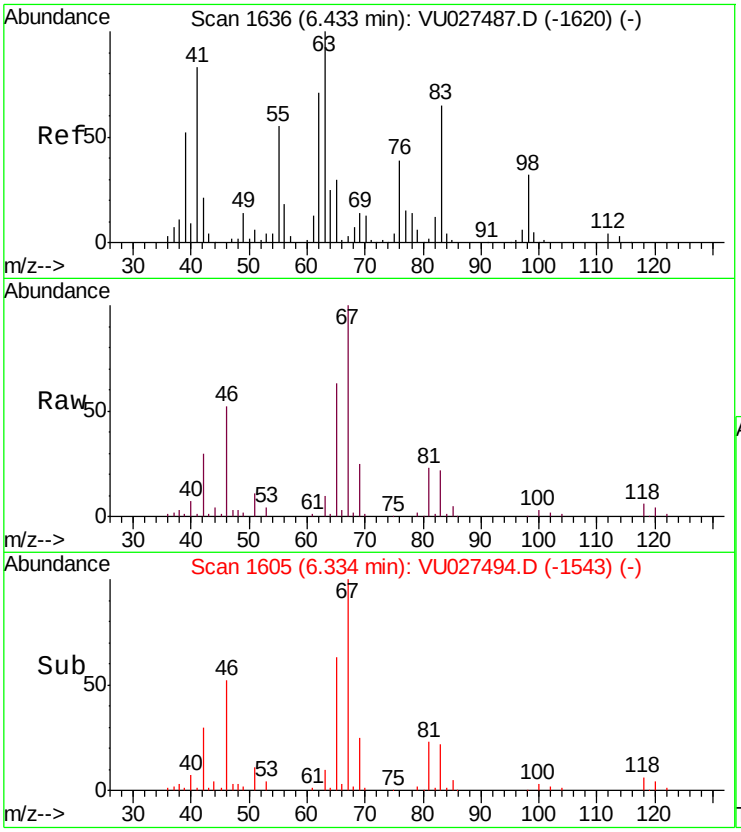


#35
Methylcyclohexane
Concen: 7.893 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Tgt Ion: 83 Resp: 19924

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.9	104.9#
98	0.8	37.1	55.7#



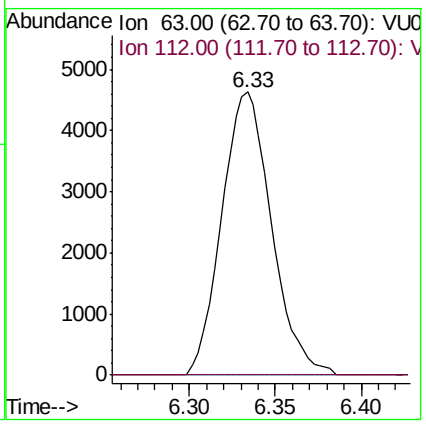


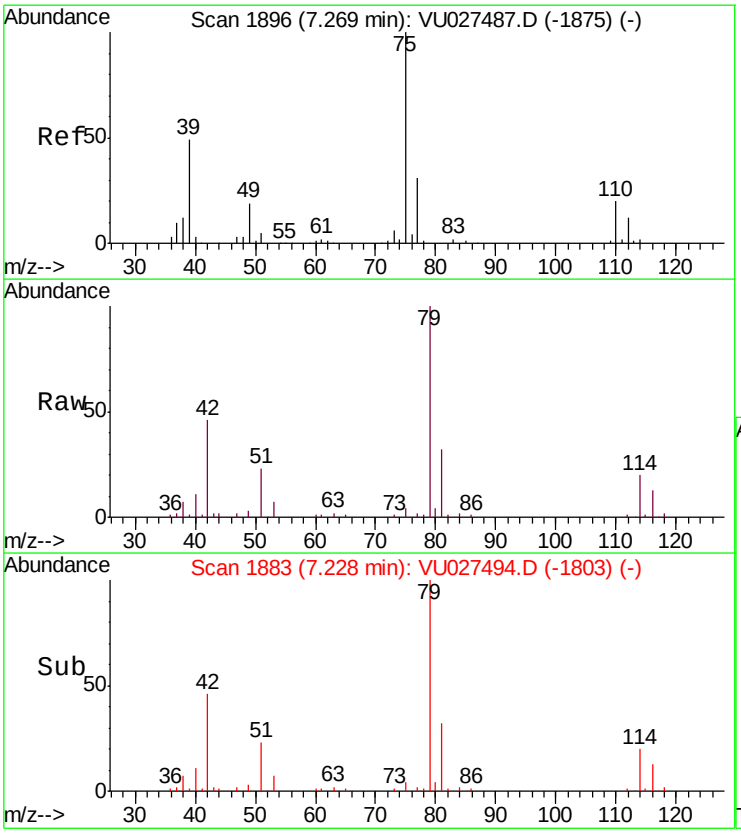
#37
1,2-Dichloropropane
Concen: 5.312 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Instrument : MSVOA_U
ClientSampleId : C0912

Tgt Ion: 63 Resp: 9297

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

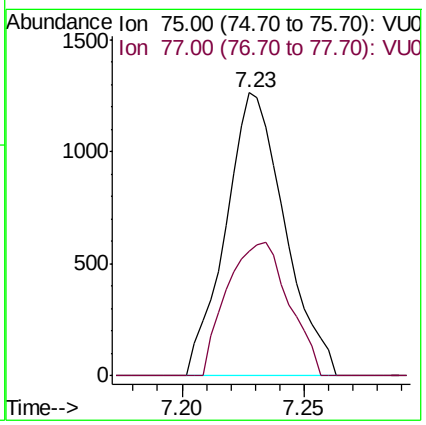


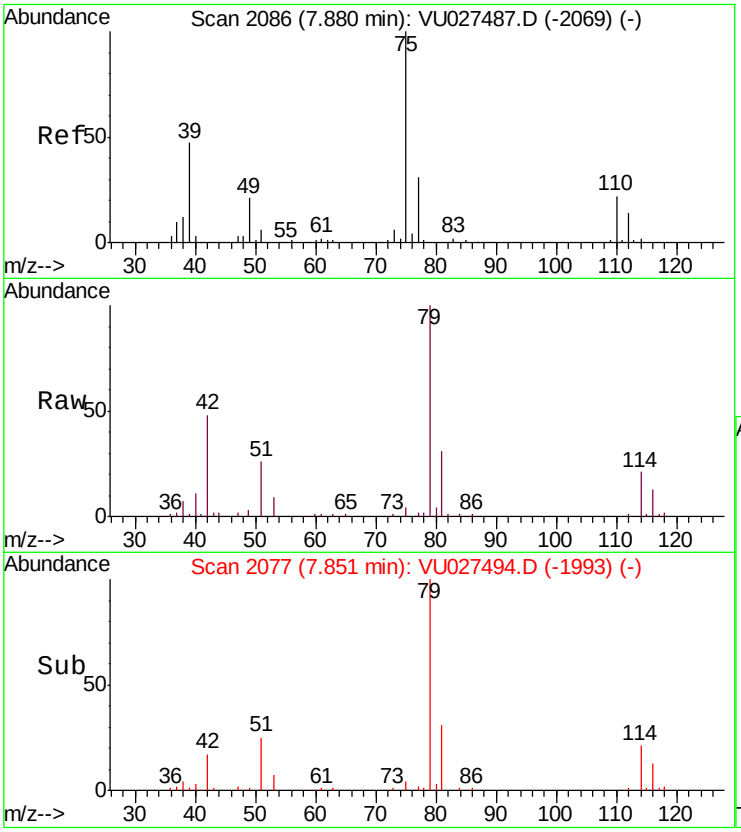


#39
cis-1,3-Dichloropropene
Concen: 0.827 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Tgt Ion: 75 Resp: 2128

Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.1	41.1#



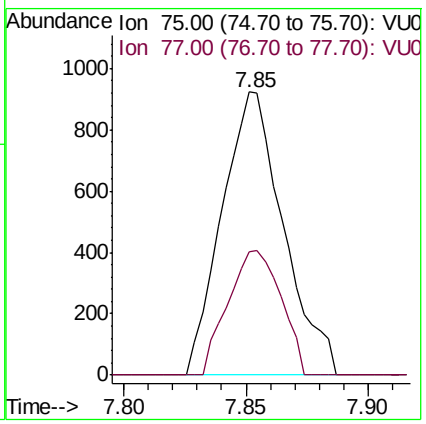


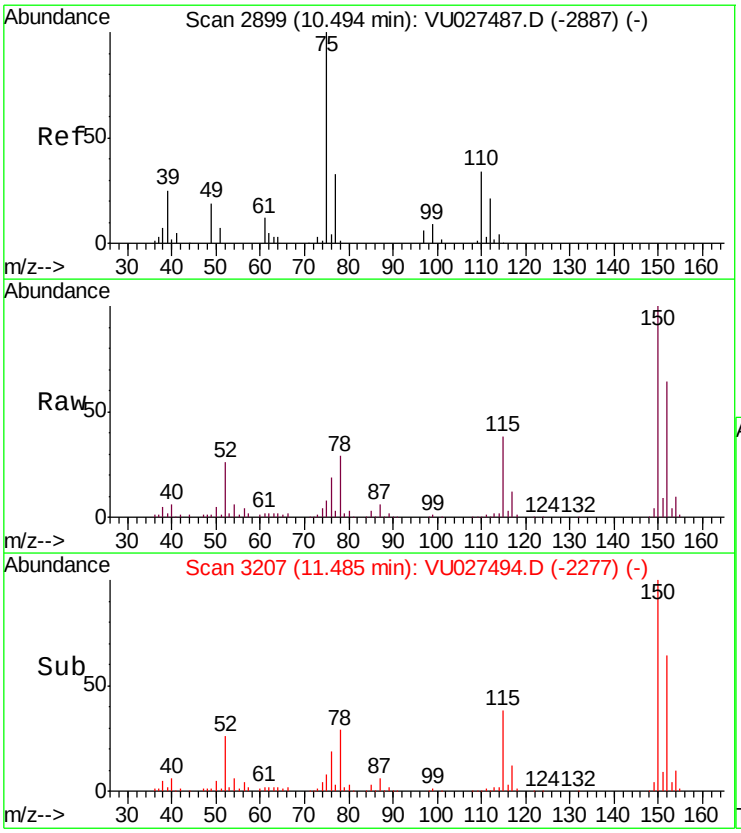
#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
C0912

Tgt Ion: 75 Resp: 1612

Ion	Ratio	Lower	Upper
75	100		
77	43.4	22.2	41.2#





#59
1,2,3-Trichloropropane
Concen: 5.997 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027494.D
Acq: 08 Oct 2018 12:56

Tgt Ion: 75 Resp: 11884

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.7	38.5