Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU031999.D
Acq On : 14 May 2019 17:02
Operator : JC/SP
Sample : K2788-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A2

Quant Time: May 15 04:30:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1041775	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	412798	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	401084	43.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.74%			
7) Chloroethane-d5	1.68	69	340858	46.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.10%			
11) 1,1-Dichloroethene-d2	2.27	63	564719	34.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.92%			
21) 2-Butanone-d5	4.17	46	581652	90.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.86%			
24) Chloroform-d	4.64	84	695481	45.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.90%			
26) 1,2-Dichloroethane-d4	5.31	65	454533	47.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.32%			
32) Benzene-d6	5.34	84	1456593	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.92%			
36) 1,2-Dichloropropane-d6	6.32	67	492652	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.56	98	1269313	46.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.30%			
43) trans-1,3-Dichloropropene-	7.85	79	199351	45.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.18%			
47) 2-Hexanone-d5	8.31	63	371918	91.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	654854	44.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.30%			
64) 1,2-Dichlorobenzene-d4	11.85	152	436798	50.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.58%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5455	0.704	ug/L #	23
13) Acetone	2.32	43	236528	35.941	ug/L	100
16) Methylene chloride	2.70	84	27773	2.960	ug/L	97
22) 2-Butanone	4.27	43	110760	14.591	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	10980	0.838	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	8101	0.704	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	51620	4.288	ug/L	91

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

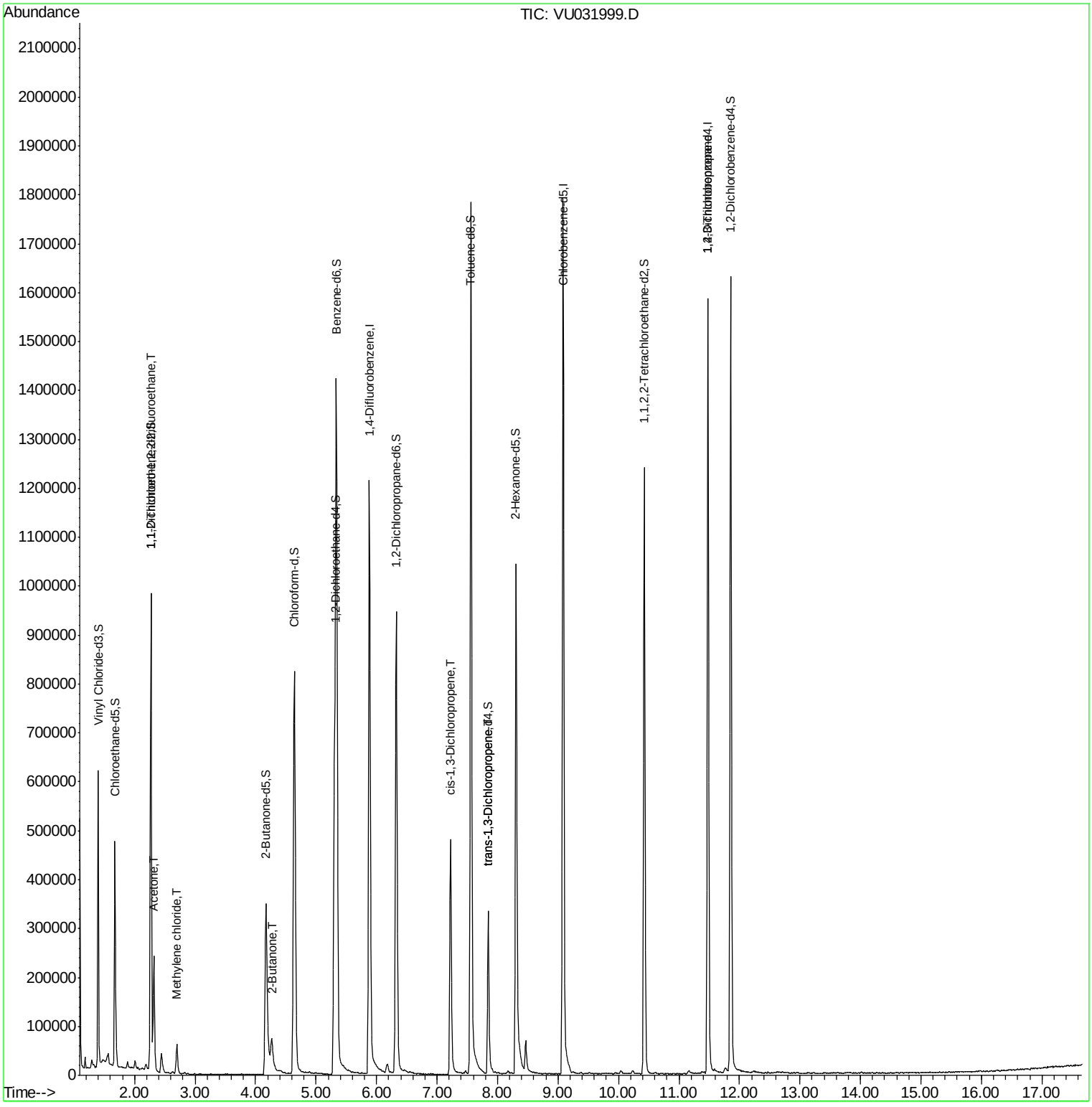
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

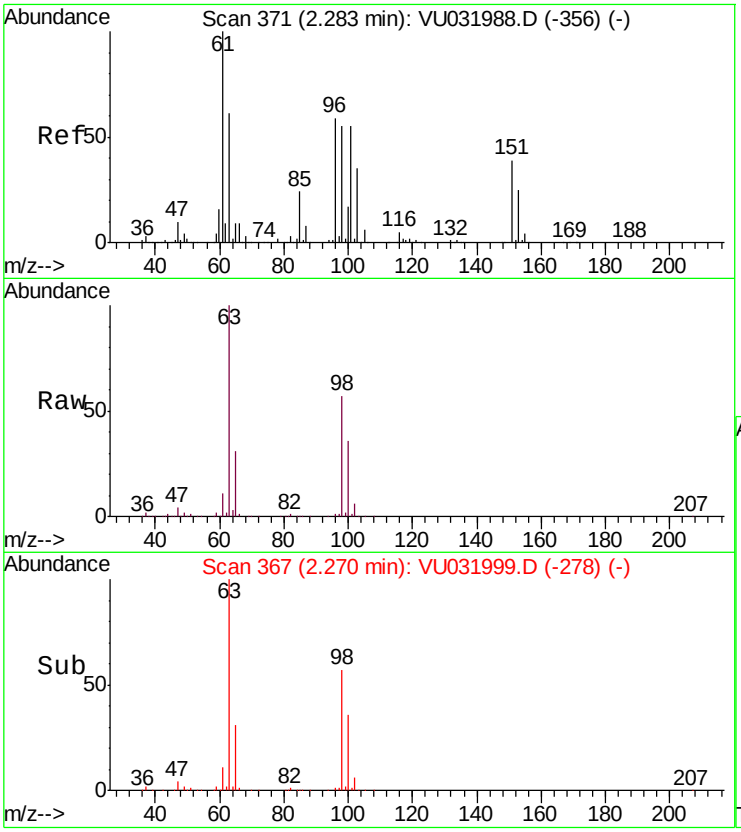
Quantitation Report (Not Reviewed)

Data File : VU031999.D
Acq On : 14 May 2019 17:02
Operator : JC/SP
Sample : K2788-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A2

Quant Time: May 15 04:30:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



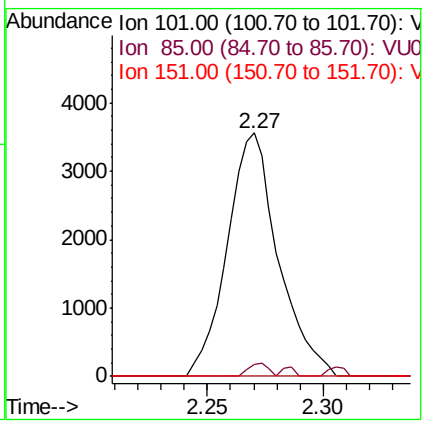


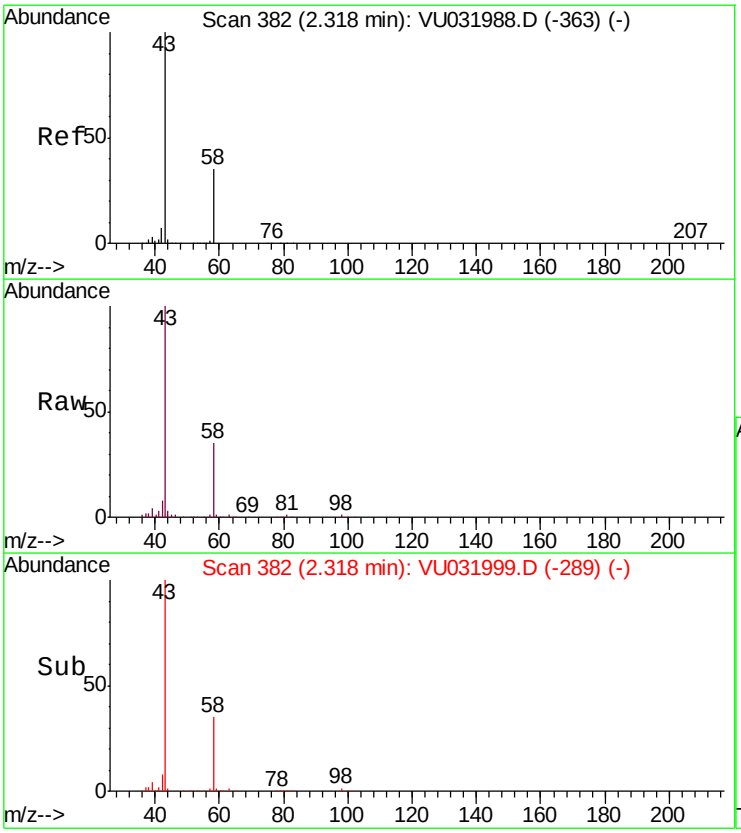
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.704 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion:101 Resp: 5455

Ion	Ratio	Lower	Upper
101	100		
85	2.1	34.1	51.1#
151	0.0	55.8	83.8#

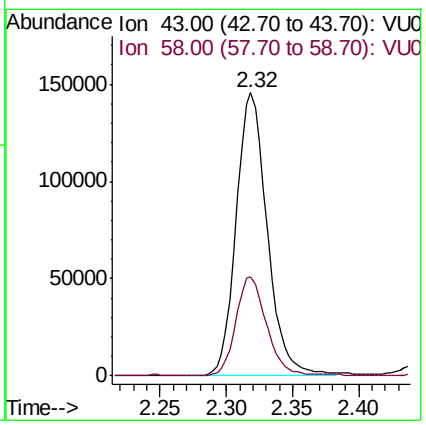


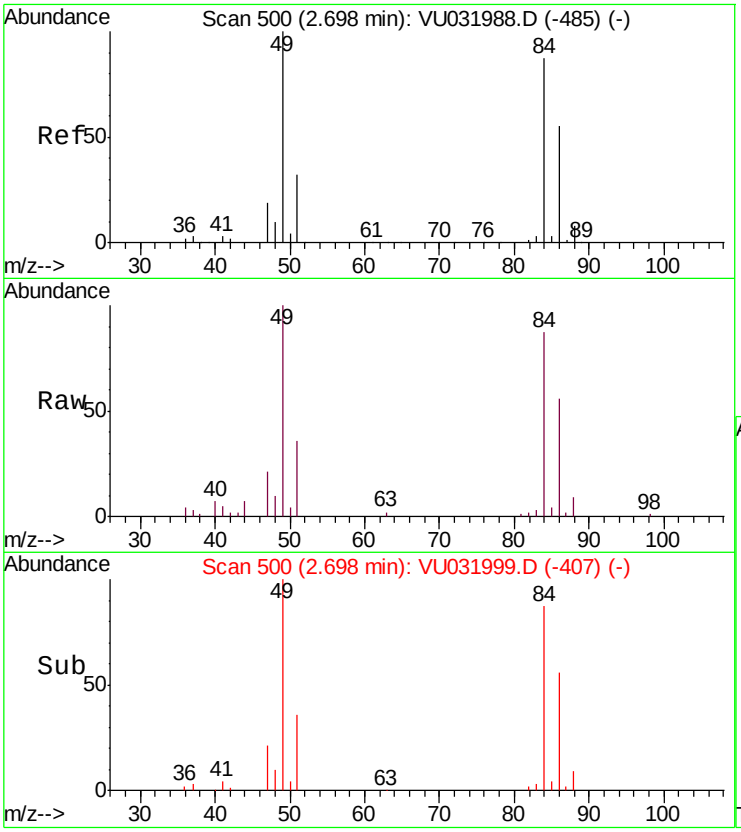


#13
Acetone
Concen: 35.941 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Tgt Ion: 43 Resp: 236528

Ion	Ratio	Lower	Upper
43	100		
58	34.3	0.0	68.2



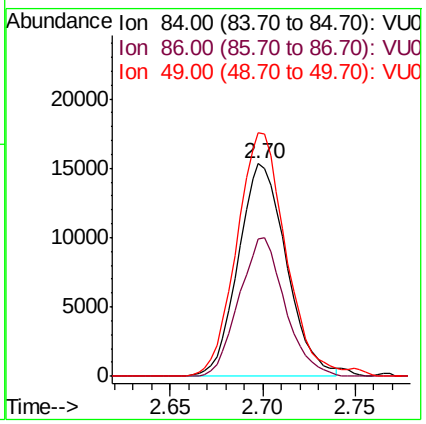


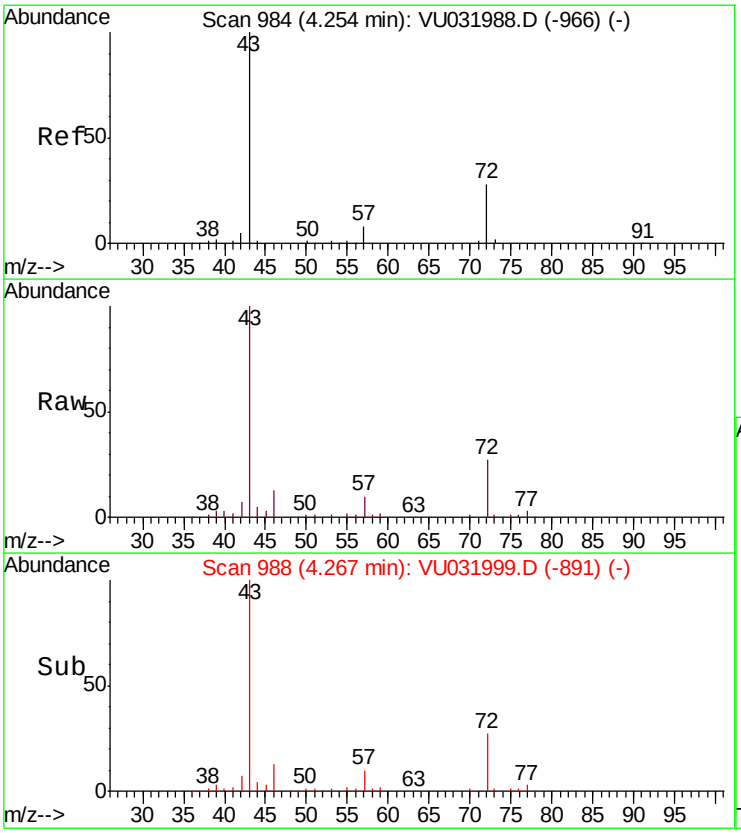
#16
Methylene chloride
Concen: 2.960 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Instrument : MSVOA_U
ClientSampleId : A51A2

Tgt Ion: 84 Resp: 27773

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.8	85.0
49	114.4	83.3	154.7

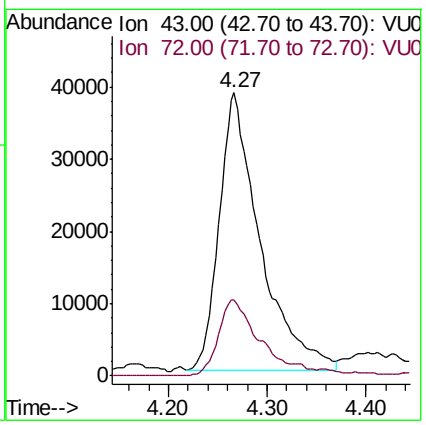


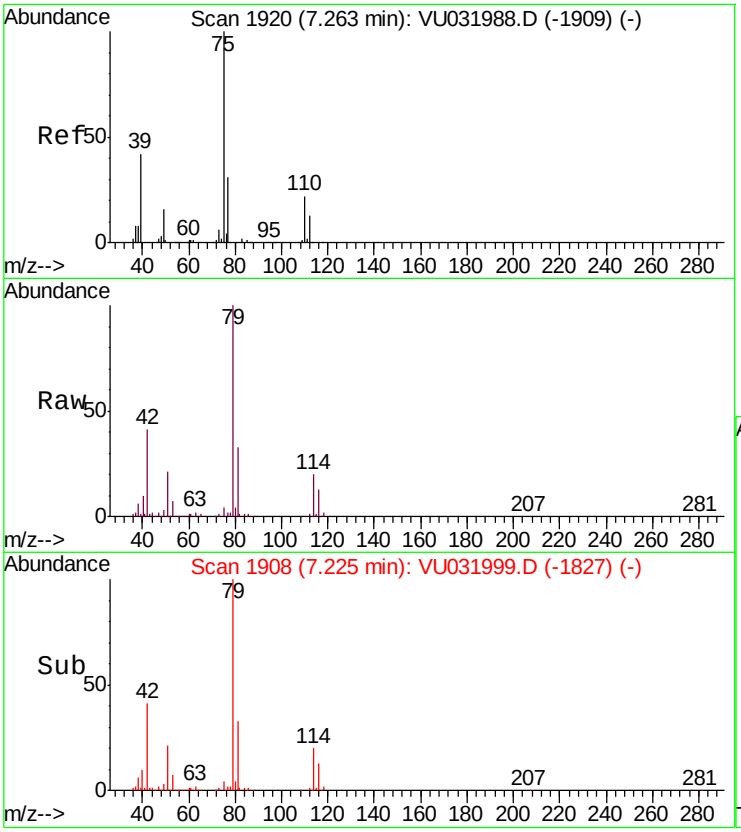


#22
2-Butanone
Concen: 14.591 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Tgt Ion: 43 Resp: 110760

Ion	Ratio	Lower	Upper
43	100		
72	26.6	13.9	41.7



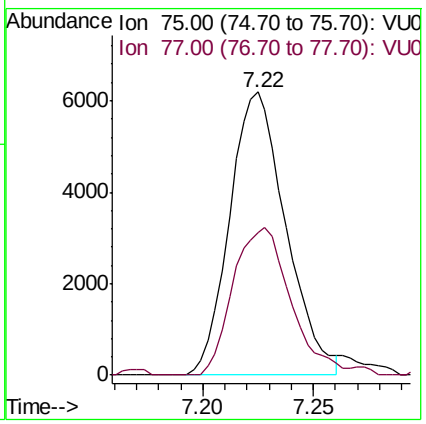


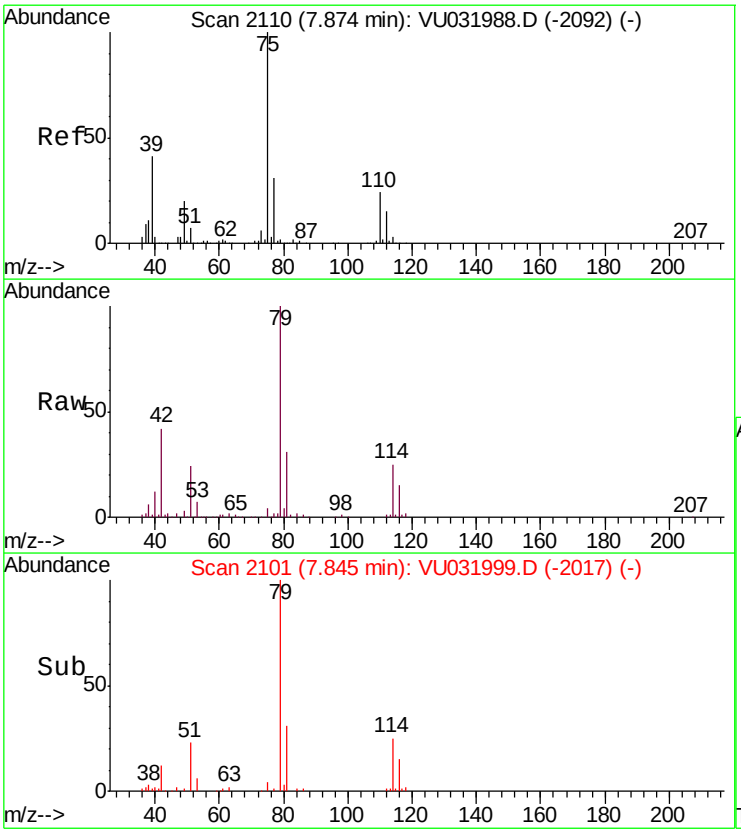
#39
cis-1,3-Dichloropropene
Concen: 0.838 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion: 75 Resp: 10980

Ion	Ratio	Lower	Upper
75	100		
77	50.5	21.8	40.6#

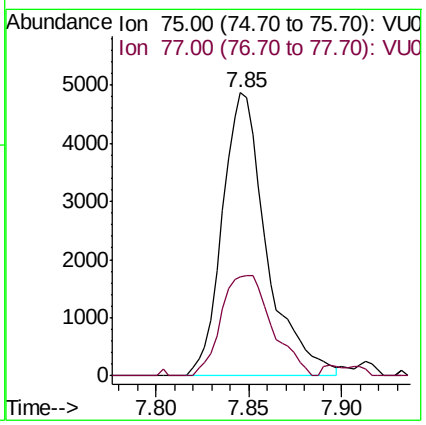


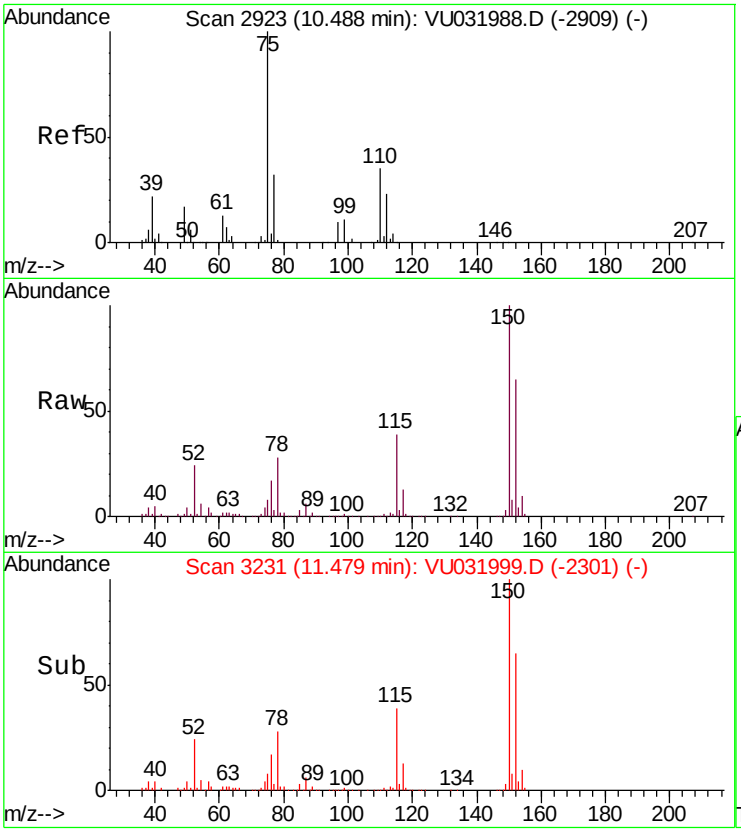


#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Tgt Ion: 75 Resp: 8101

Ion	Ratio	Lower	Upper
75	100		
77	34.8	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 4.288 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031999.D
Acq: 14 May 2019 17:02

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion: 75 Resp: 51620

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.7	38.5