Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
Data File : VU032333.D
Acq On : 28 May 2019 17:00
Operator : JC/SP
Sample : K3017-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51G1

Quant Time: May 29 05:31:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 05:27:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	594190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	582580	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245327	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	209160	47.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.52%			
7) Chloroethane-d5	1.67	69	192997	54.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.14%			
11) 1,1-Dichloroethene-d2	2.27	63	276607	35.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.10%			
21) 2-Butanone-d5	4.17	46	372838	129.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.35%			
24) Chloroform-d	4.64	84	427850	55.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.64%			
26) 1,2-Dichloroethane-d4	5.31	65	280356	61.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.60%			
32) Benzene-d6	5.33	84	856874	56.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.16%			
36) 1,2-Dichloropropane-d6	6.32	67	282233	59.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.00%			
41) Toluene-d8	7.56	98	693288	48.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.26%			
43) trans-1,3-Dichloropropene-	7.85	79	105292	48.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.96%			
47) 2-Hexanone-d5	8.31	63	230860	116.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.01%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	435910	60.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.30%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	283265	56.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.24%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3318	0.880	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2231	0.580	ug/L #	1
13) Acetone	2.32	43	153608	56.548	ug/L	100
16) Methylene chloride	2.70	84	13516	3.015	ug/L	94
22) 2-Butanone	4.27	43	63971	19.554	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4236	0.768	ug/L	83
48) 2-Hexanone	8.37	43	11380	2.511	ug/L #	37
59) 1,2,3-Trichloropropane	11.48	75	26092	4.619	ug/L	91

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

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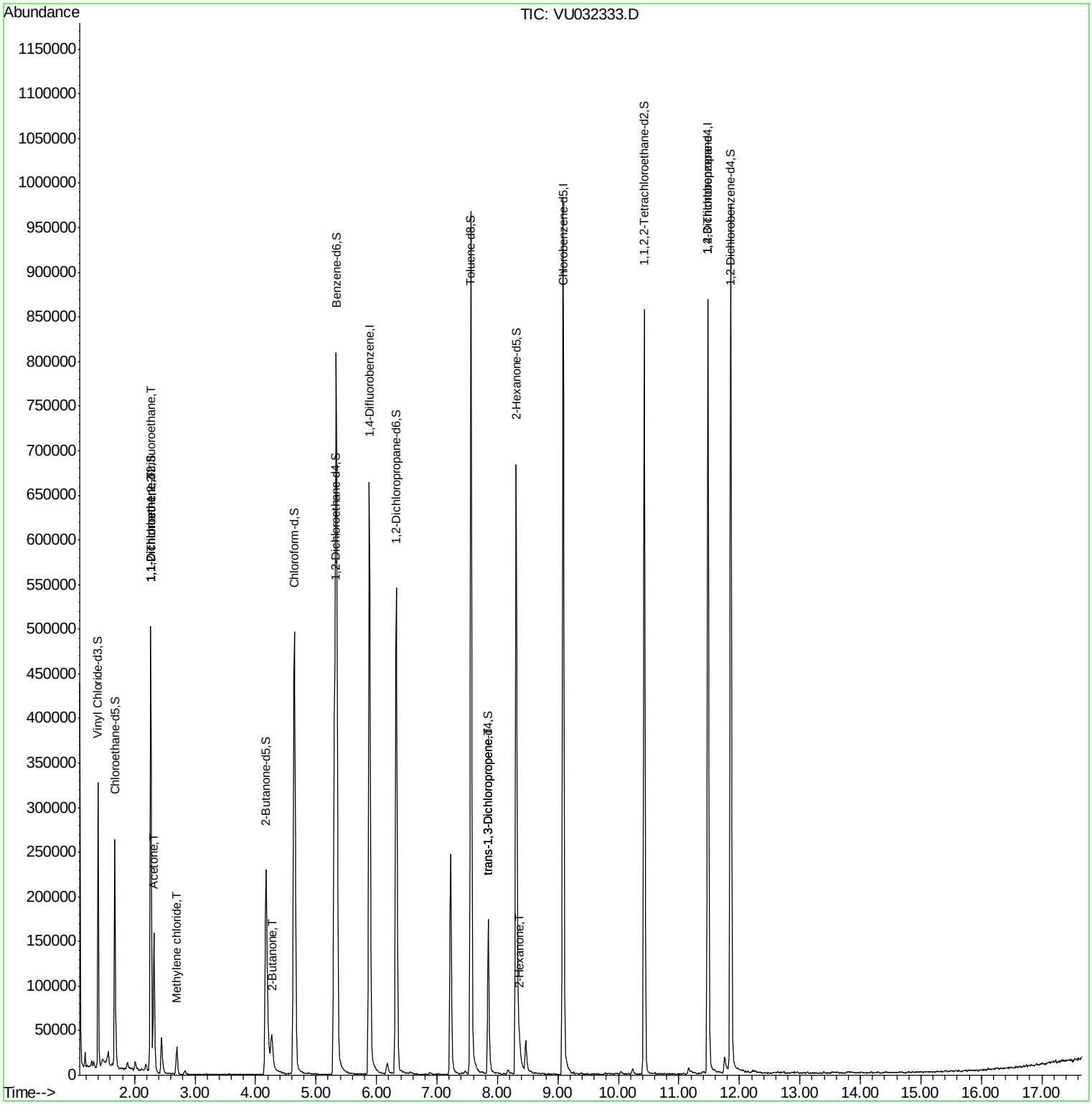
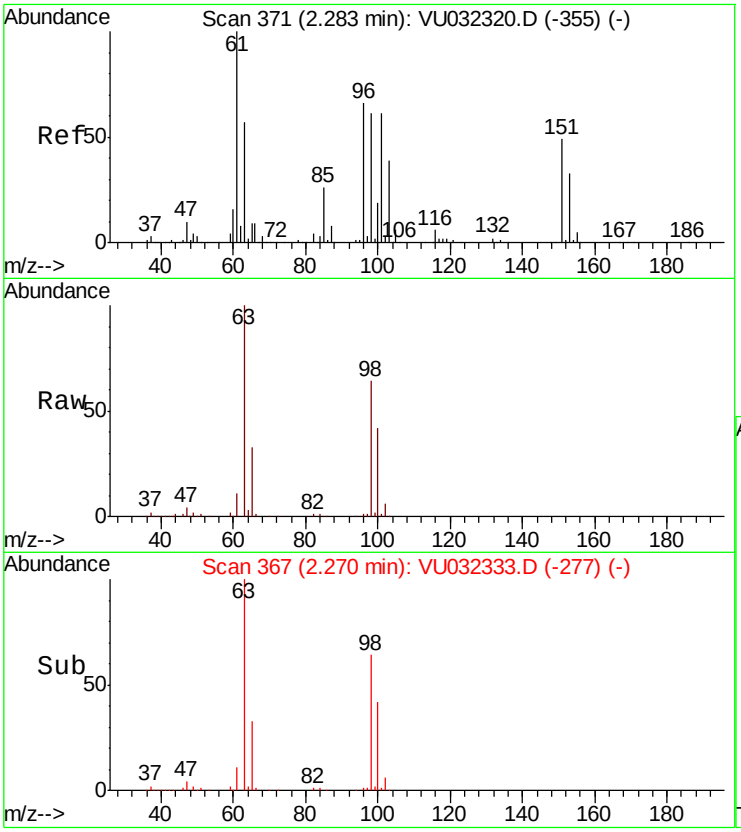


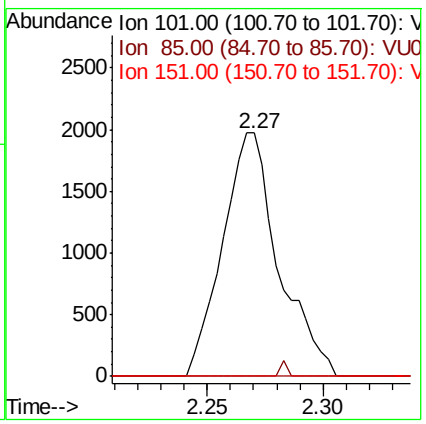


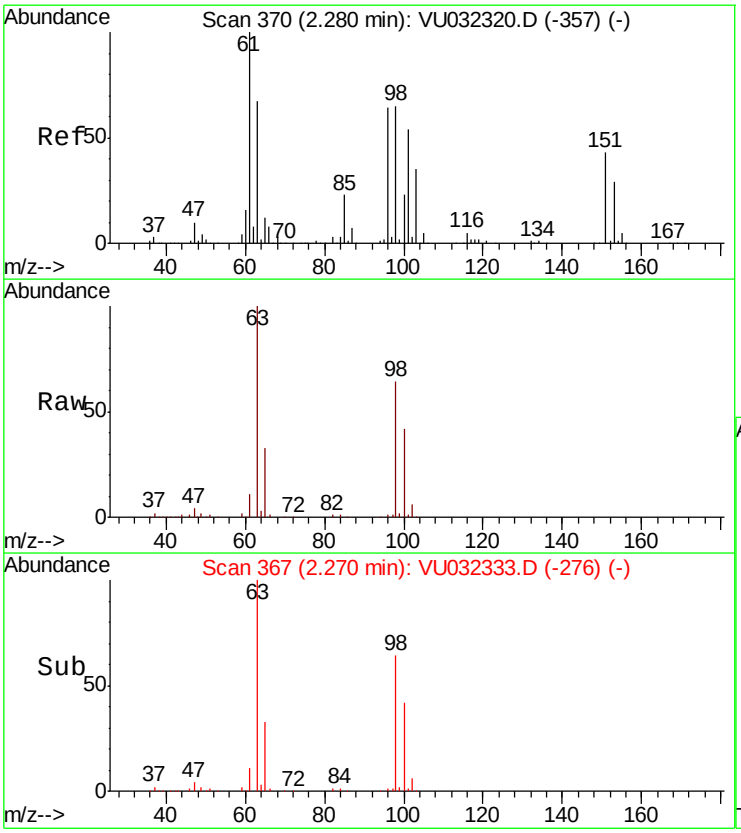
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.880 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A51G1

Tgt Ion:101 Resp: 3318

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.0#
151	0.0	63.7	95.5#

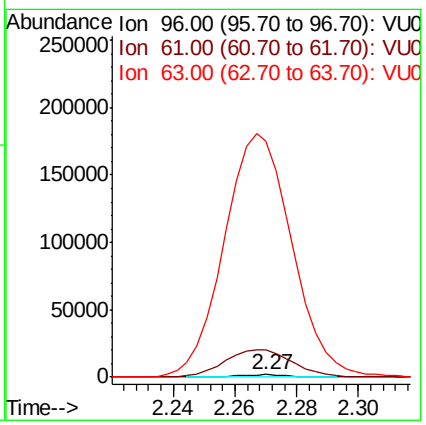


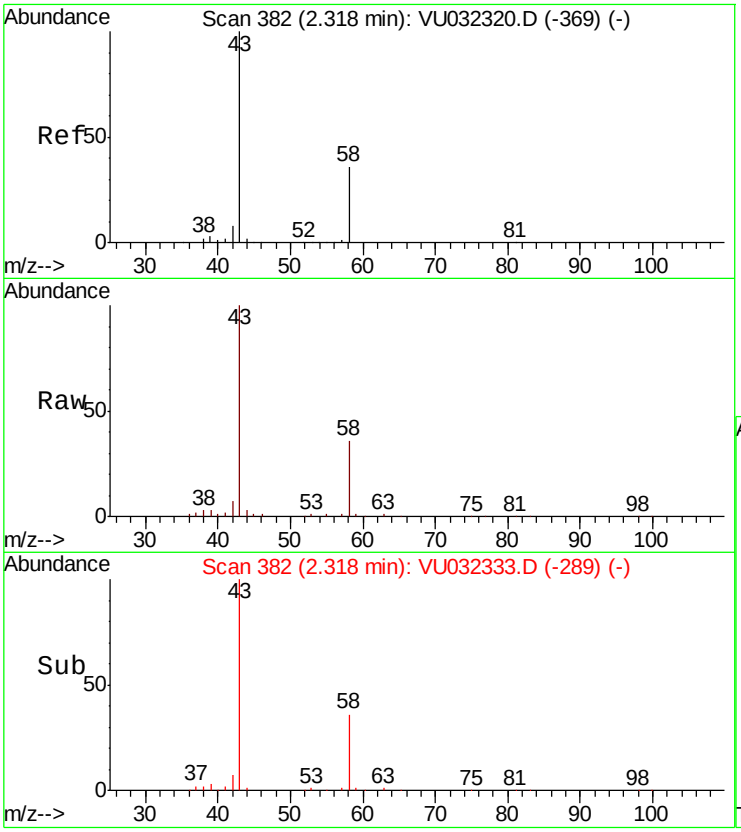


#12
1,1-Dichloroethene
Concen: 0.580 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Tgt Ion: 96 Resp: 2231

Ion	Ratio	Lower	Upper
96	100		
61	1119.8	109.8	203.8#
63	9845.0	74.4	138.2#



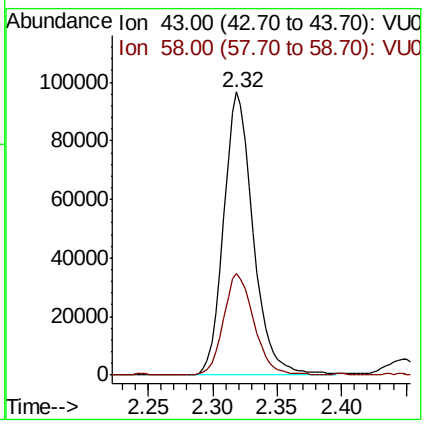


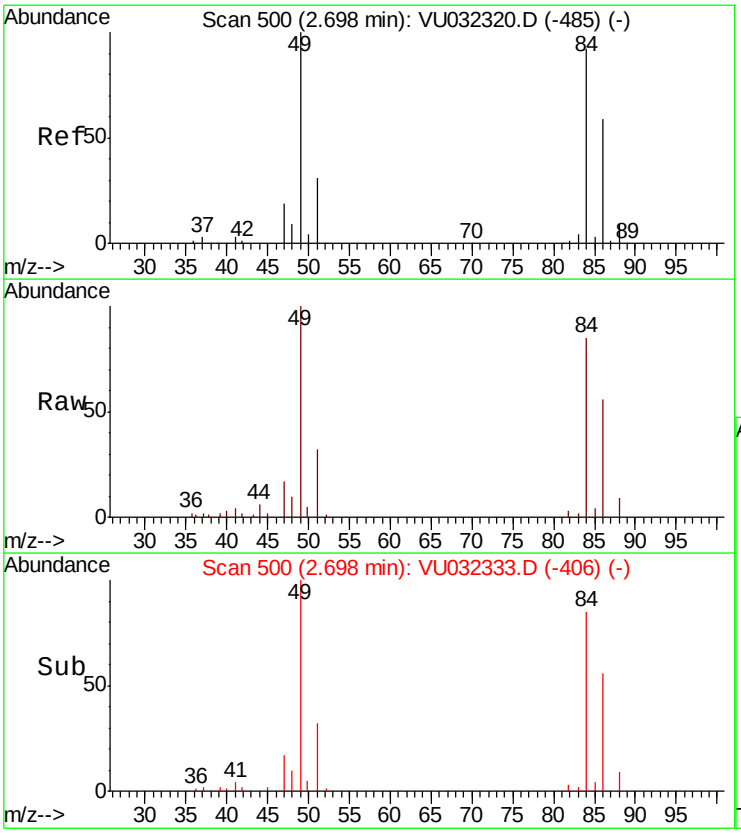
#13
Acetone
Concen: 56.548 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A51G1

Tgt Ion: 43 Resp: 153608

Ion	Ratio	Lower	Upper
43	100		
58	37.0	0.0	73.6

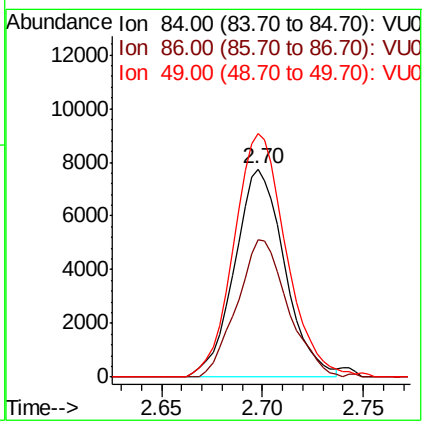


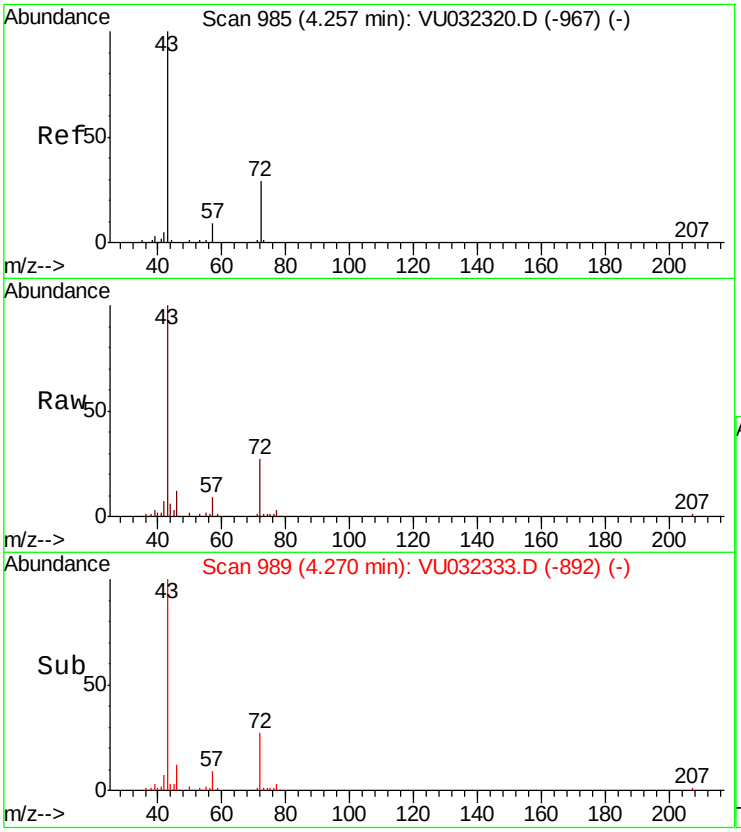


#16
Methylene chloride
Concen: 3.015 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Tgt Ion: 84 Resp: 13516

Ion	Ratio	Lower	Upper
84	100		
86	65.9	45.0	83.6
49	117.1	75.9	140.9



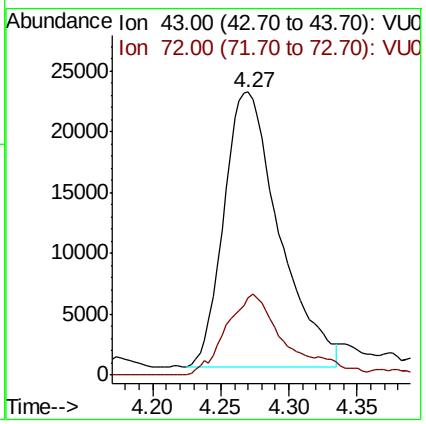


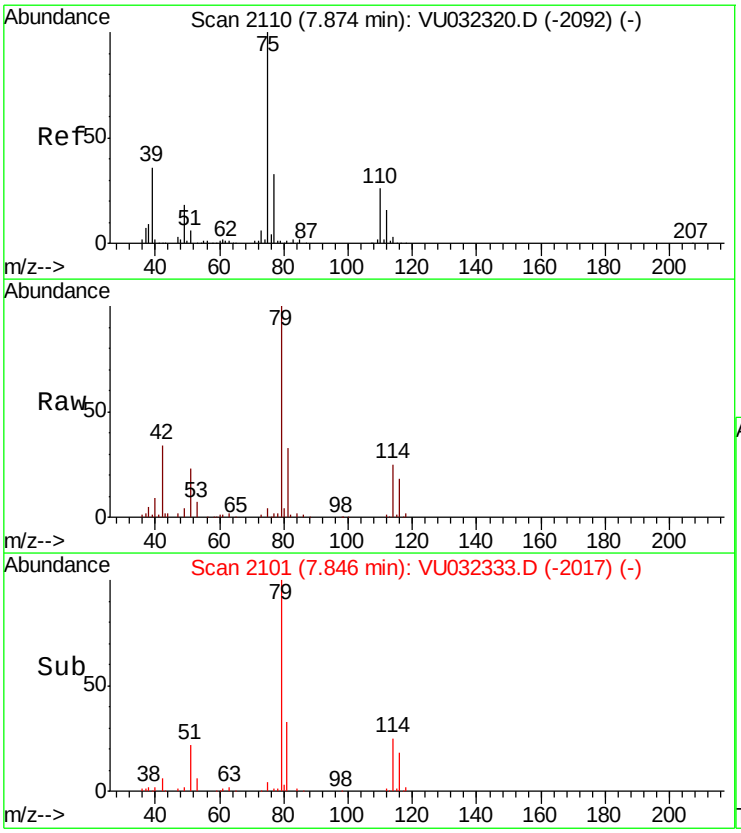
#22
2-Butanone
Concen: 19.554 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.01 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Instrument : MSVOA_U
ClientSampleId : A51G1

Tgt Ion: 43 Resp: 63971

Ion	Ratio	Lower	Upper
43	100		
72	28.2	15.3	45.8

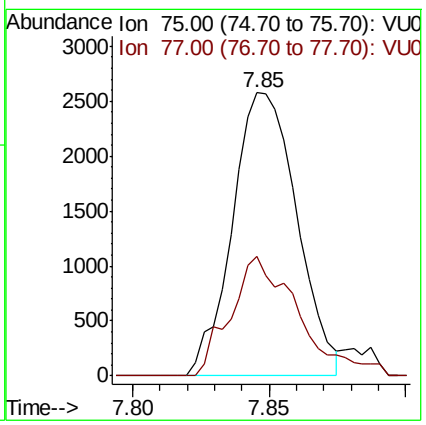


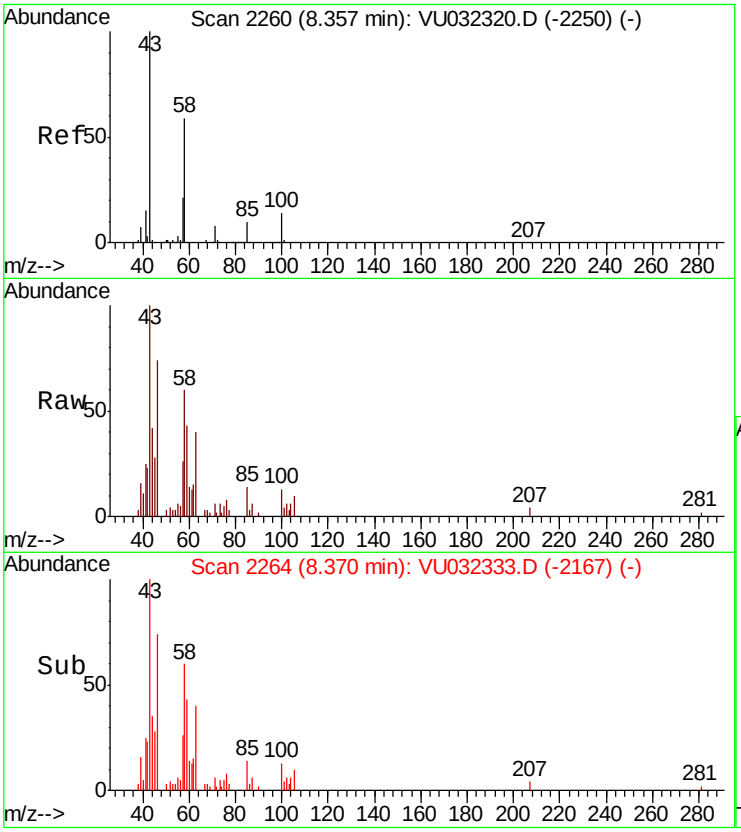


#44
trans-1,3-Dichloropropene
Concen: 0.768 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Tgt Ion: 75 Resp: 4236

Ion	Ratio	Lower	Upper
75	100		
77	42.3	23.0	42.6



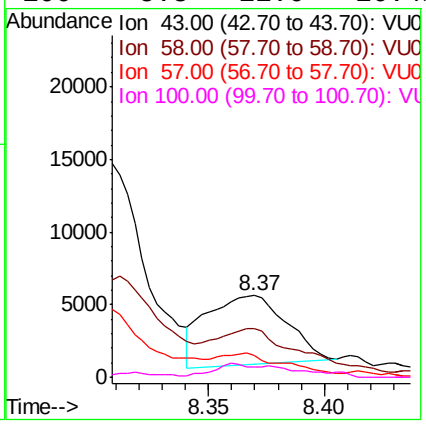


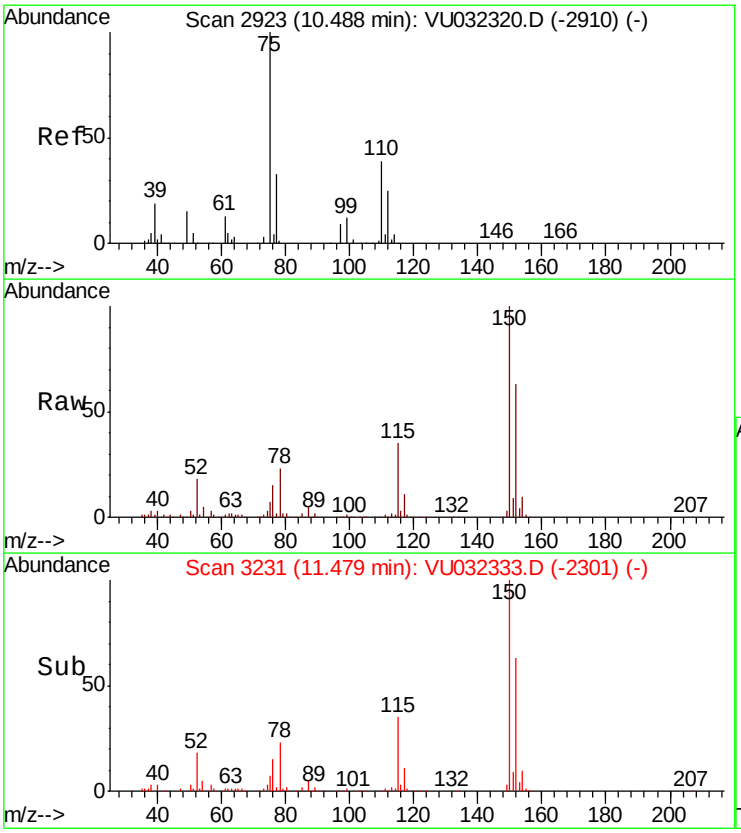
#48
2-Hexanone
Concen: 2.511 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Instrument : MSVOA_U
ClientSampleId : A51G1

Tgt Ion: 43 Resp: 11380

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.6	73.0#
57	1.4	17.0	25.4#
100	5.8	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 4.619 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032333.D
Acq: 28 May 2019 17:00

Tgt Ion: 75 Resp: 26092

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.8