Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032827.D
Acq On : 18 Jun 2019 16:22
Operator : JC/SP
Sample : VU0618WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK35

Quant Time: Jun 19 04:41:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114537	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	64629	41.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.74%			
7) Chloroethane-d5	1.68	69	53674	43.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.16%			
11) 1,1-Dichloroethene-d2	2.26	63	100513	31.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.88%			
21) 2-Butanone-d5	4.17	46	118631	91.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.23%			
24) Chloroform-d	4.64	84	127928	42.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.24%			
26) 1,2-Dichloroethane-d4	5.30	65	90410	44.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.38%			
32) Benzene-d6	5.33	84	260122	45.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.30%			
36) 1,2-Dichloropropane-d6	6.32	67	83538	45.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.02%			
41) Toluene-d8	7.56	98	243043	45.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.08%			
43) trans-1,3-Dichloropropene-	7.84	79	42176	44.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.34%			
47) 2-Hexanone-d5	8.31	63	74710	87.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120528	42.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	100453	45.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.64%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1013	0.848	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	903	0.591	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	937	0.651	ug/L #	1
13) Acetone	2.32	43	1268	0.706	ug/L	68
37) 1,2-Dichloropropane	6.32	63	9822	5.624	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3131	1.151	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	2036	0.797	ug/L #	57
59) 1,2,3-Trichloropropane	11.48	75	14892	6.389	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032827.D
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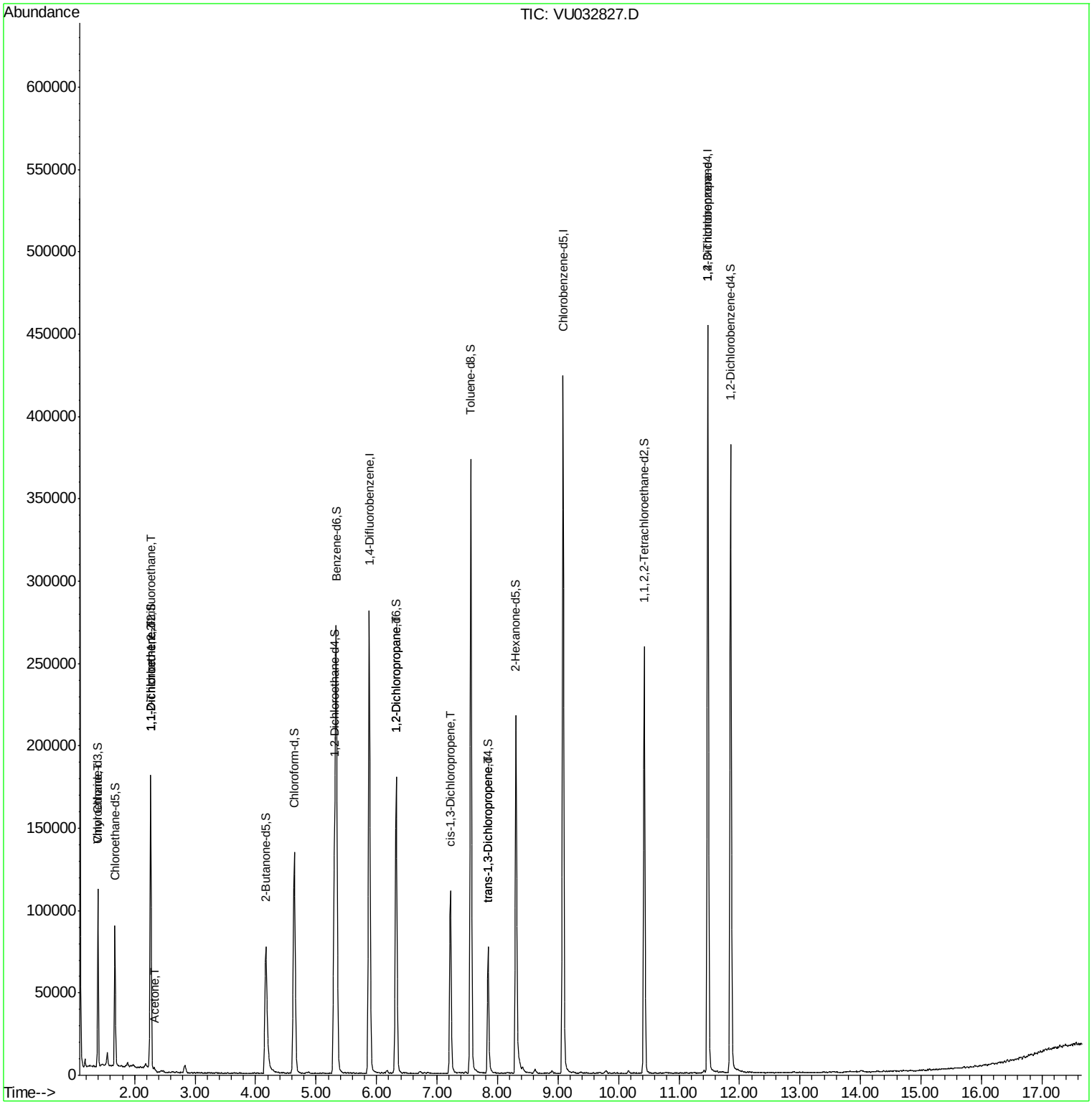
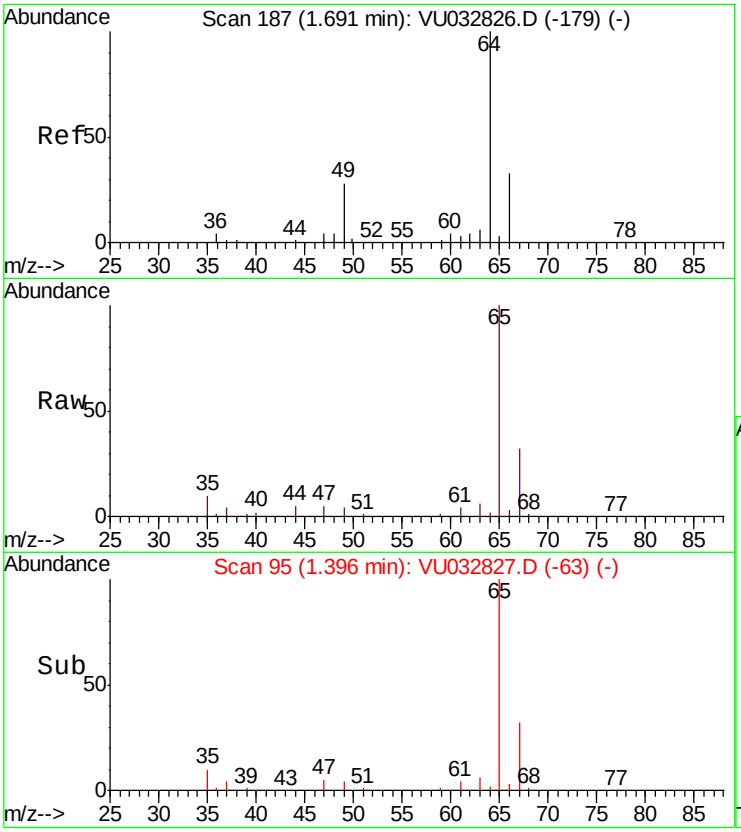
Operator : JC/SP
Sample : VU0618WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK35

Quant Time: Jun 19 04:41:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration



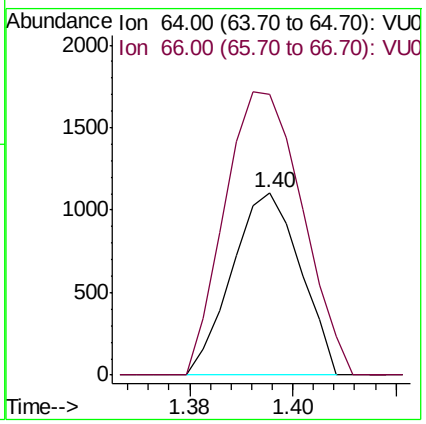


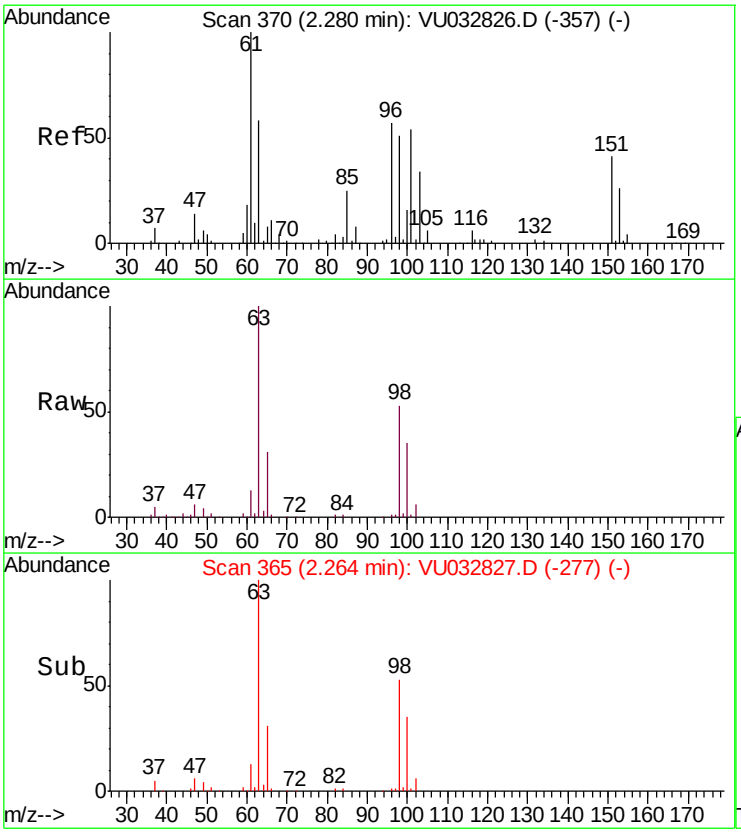
#8
Chloroethane
Concen: 0.848 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Instrument :
MSVOA_U
ClientSampleId :
VBLK35

Tgt Ion: 64 Resp: 1013

Ion	Ratio	Lower	Upper
64	100		
66	153.5	22.5	41.7#

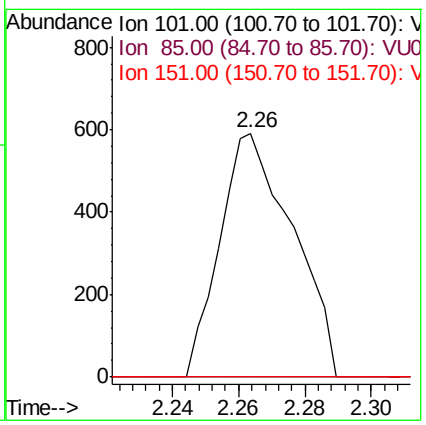


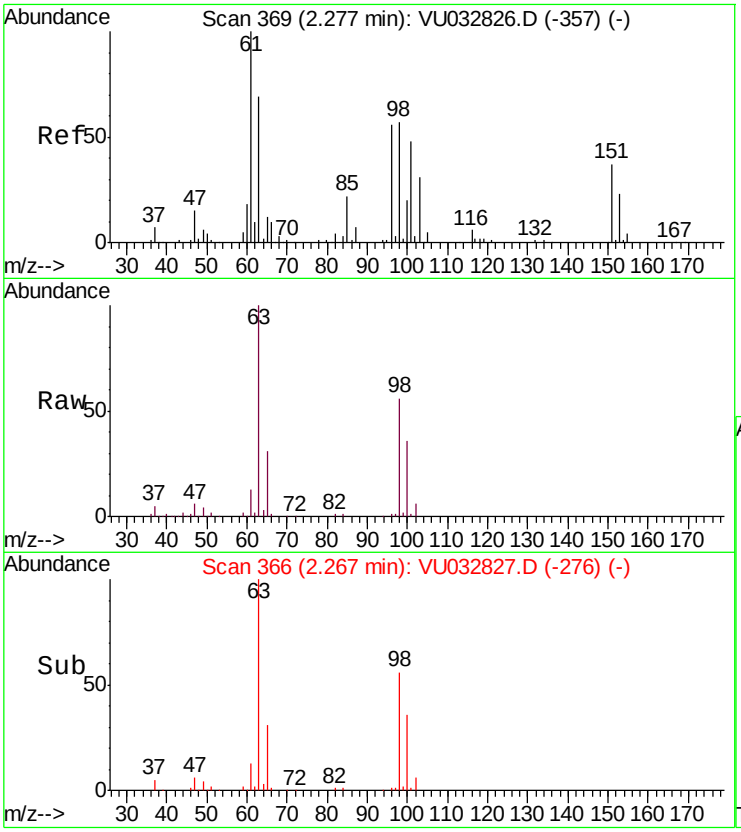


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Tgt Ion:101 Resp: 903

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



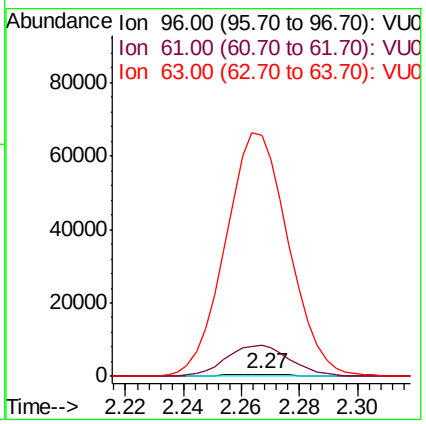


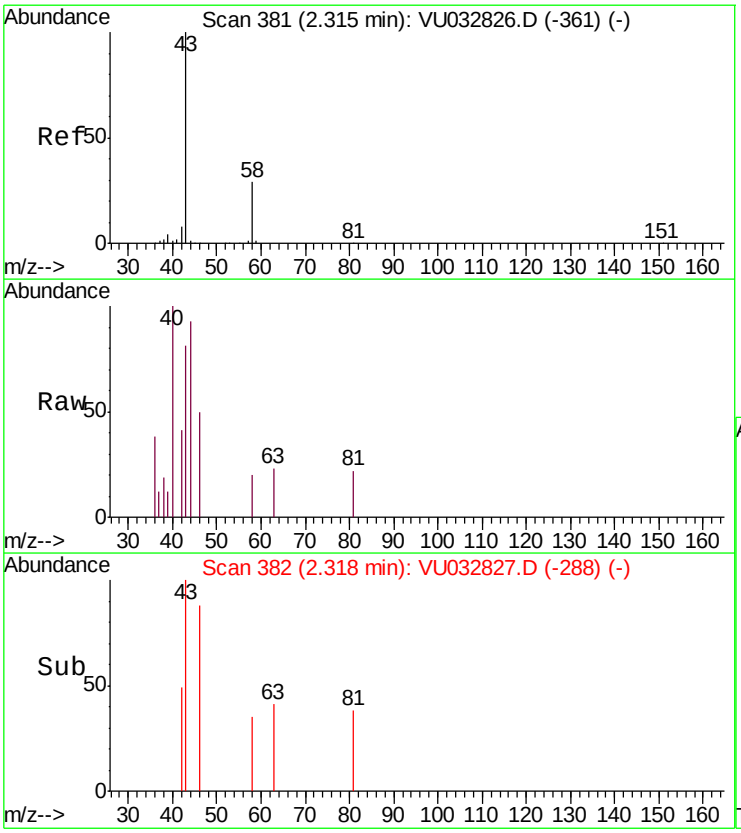
#12
1,1-Dichloroethene
Concen: 0.651 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Instrument :
MSVOA_U
ClientSampleId :
VBLK35

Tgt Ion: 96 Resp: 937

Ion	Ratio	Lower	Upper
96	100		
61	1557.5	131.0	243.4#
63	12234.3	101.0	187.6#

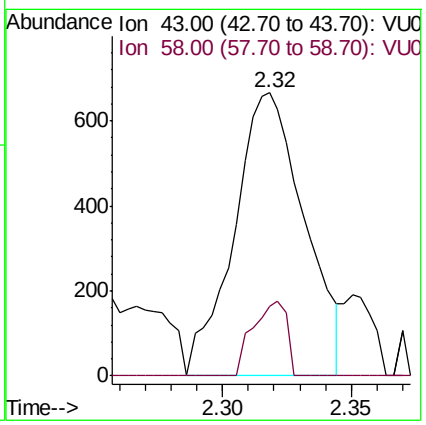


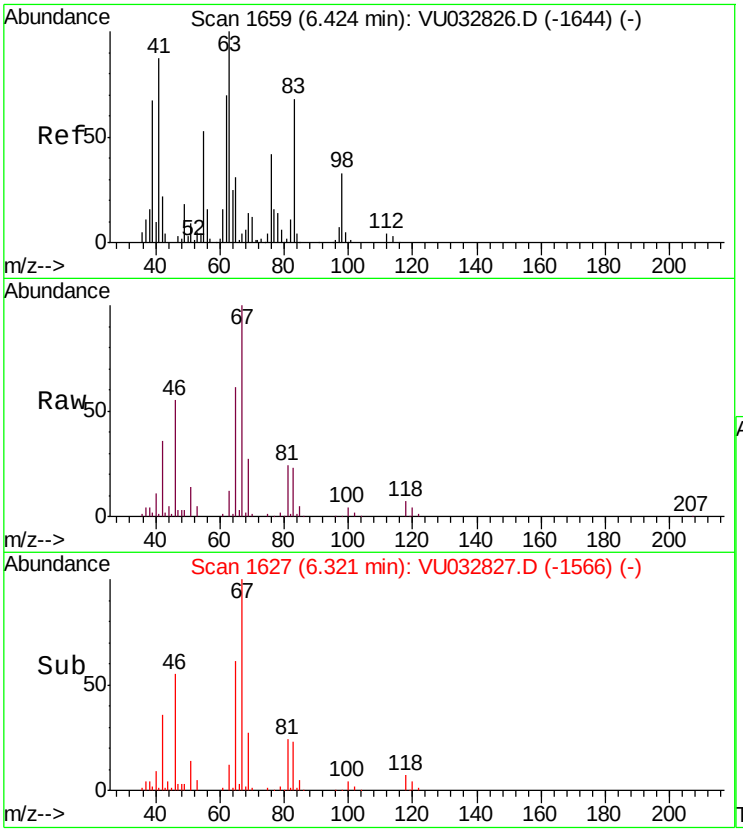


#13
Acetone
Concen: 0.706 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Tgt Ion: 43 Resp: 1268

Ion	Ratio	Lower	Upper
43	100		
58	12.9	0.0	60.6



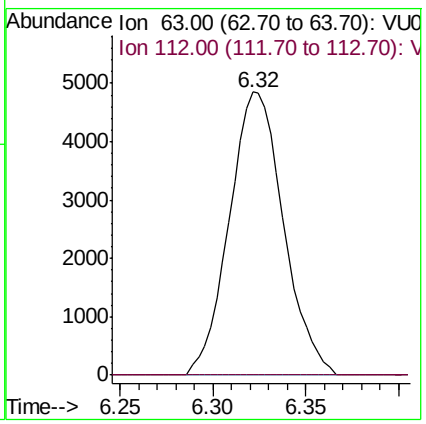


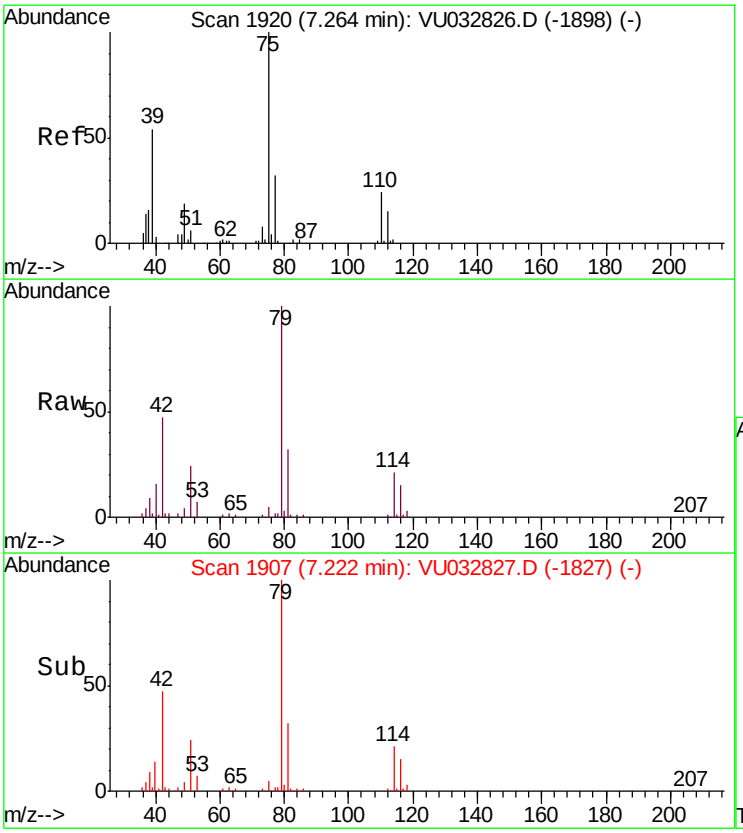
#37
1,2-Dichloropropane
Concen: 5.624 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Instrument : MSVOA_U
ClientSampleId : VBLK35

Tgt Ion: 63 Resp: 9822

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

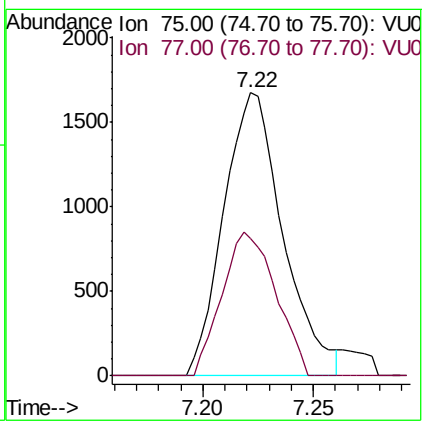


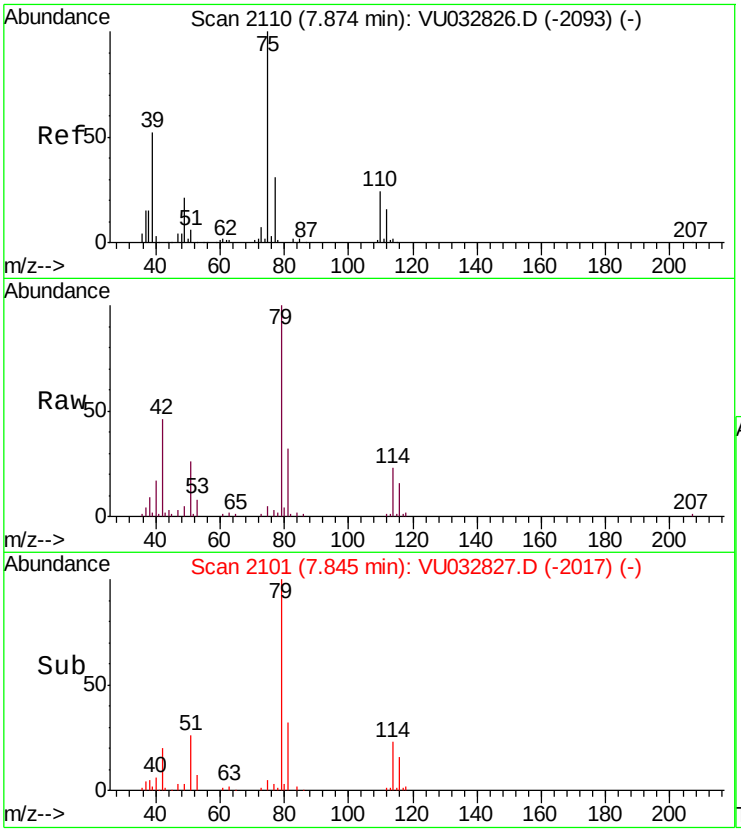


#39
cis-1,3-Dichloropropene
Concen: 1.151 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Tgt Ion: 75 Resp: 3131

Ion	Ratio	Lower	Upper
75	100		
77	48.7	21.9	40.7#



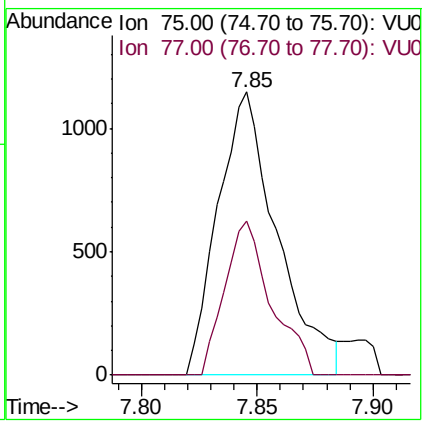


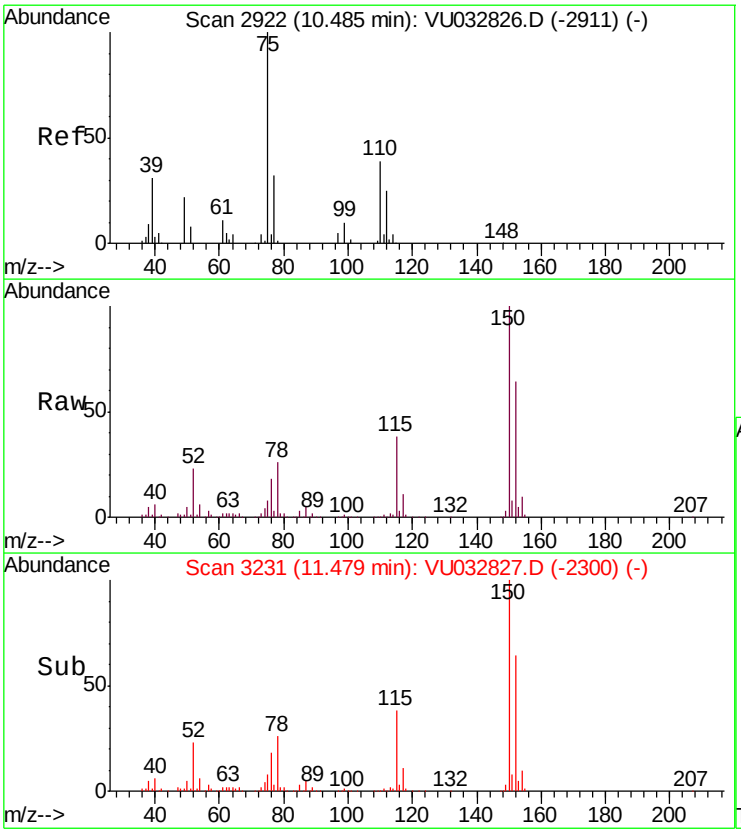
#44
trans-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Instrument :
MSVOA_U
ClientSampleId :
VBLK35

Tgt Ion: 75 Resp: 2036

Ion	Ratio	Lower	Upper
75	100		
77	54.7	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 6.389 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032827.D
Acq: 18 Jun 2019 16:22

Tgt Ion: 75 Resp: 14892

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.5	38.3