Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\

Quantitation Report (Not Reviewed)

Data File : VU034625.D
Acq On : 17 Sep 2019 19:39
Operator : JC/SP
Sample : VU0918WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK09

Quant Time: Sep 18 08:08:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	101825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	95937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	43186	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	39771	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.67	69	32248	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.26	63	56924	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.17	46	104331	52.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.76%			
24) Chloroform-d	4.62	84	57448	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.29	65	36072	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.32	84	131872	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.31	67	44615	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.54	98	122904	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.83	79	17022	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.30	63	76756	49.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.96%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	33845	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	36267	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	840	0.148	ug/L #	36
12) 1,1-Dichloroethene	2.27	96	670	0.133	ug/L #	1
13) Acetone	2.32	43	1952	1.269	ug/L	78
16) Methylene chloride	2.68	84	1234	0.185	ug/L	82
18) trans-1,2-Dichloroethene	2.96	96	358	0.069	ug/L #	47
25) Chloroform	4.65	83	7585	0.532	ug/L	99
44) trans-1,3-Dichloropropene	7.84	75	1104	0.121	ug/L	99
48) 2-Hexanone	8.35	43	6046	1.490	ug/L #	86

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

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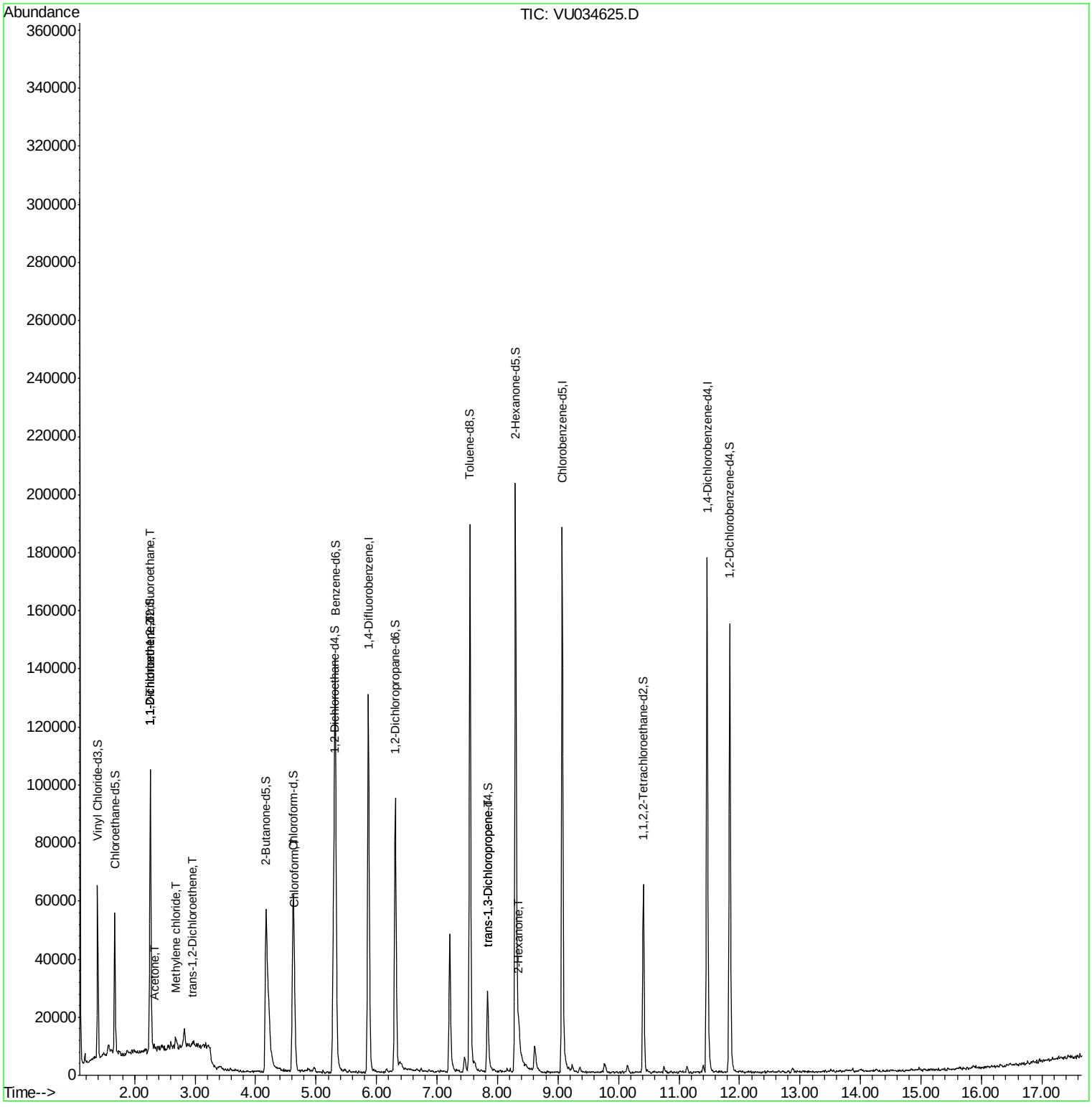
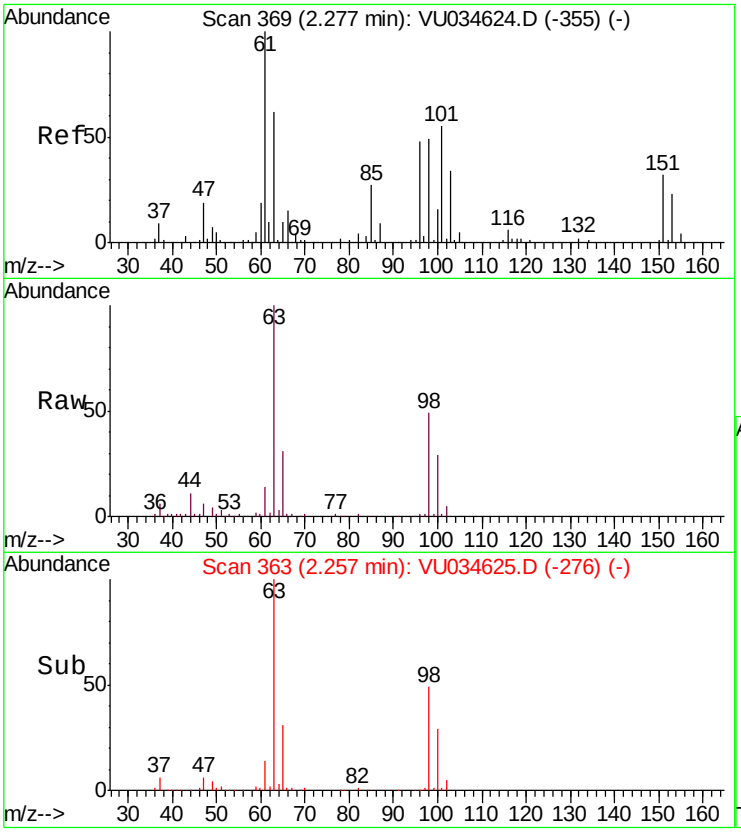
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK09

Quant Time: Sep 18 08:08:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration



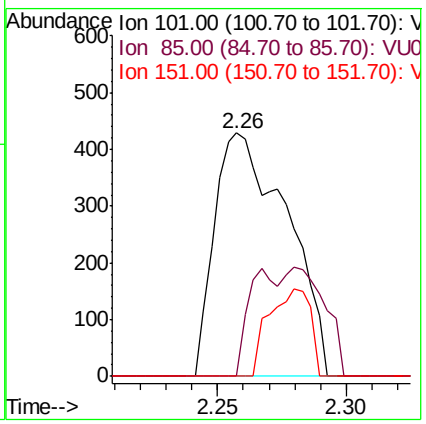


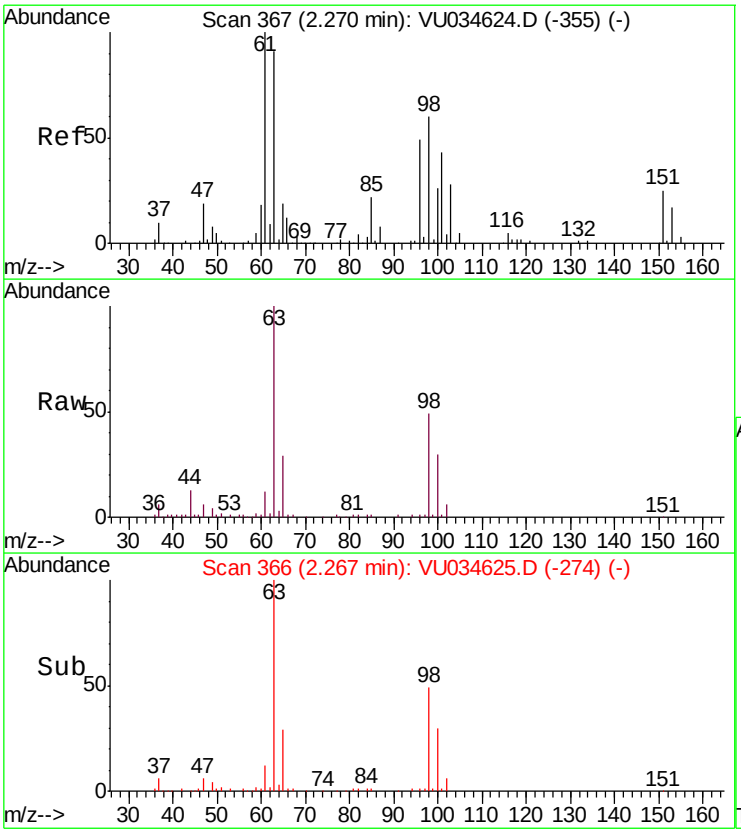
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.148 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion:101 Resp: 840

Ion	Ratio	Lower	Upper
101	100		
85	18.3	41.9	62.9#
151	0.0	46.4	69.6#

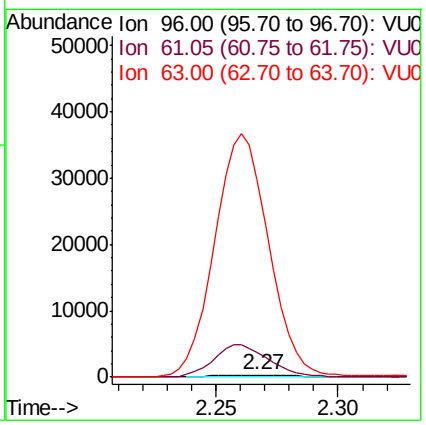


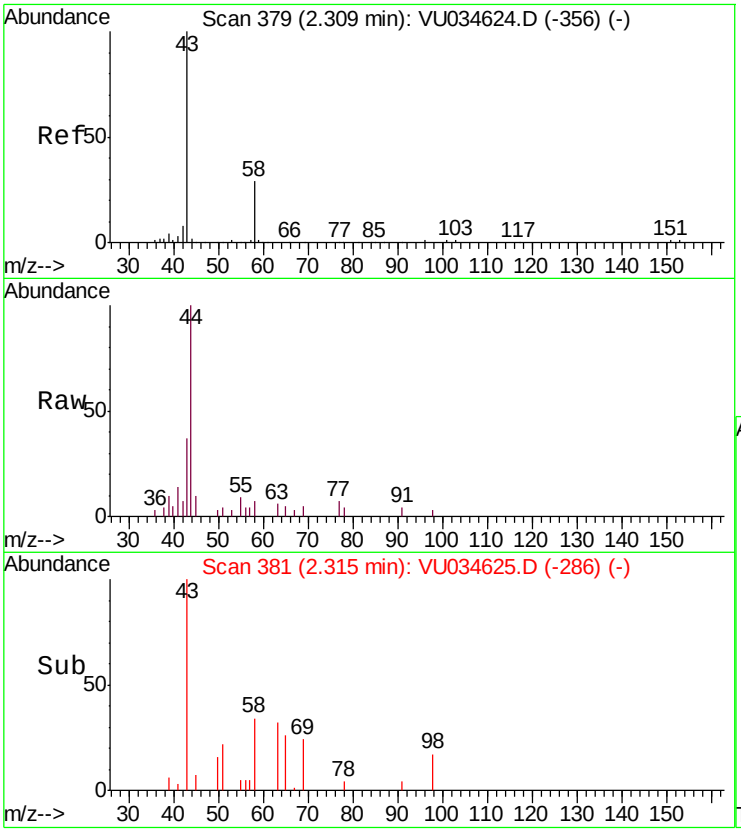


#12
1,1-Dichloroethene
Concen: 0.133 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Tgt Ion: 96 Resp: 670

Ion	Ratio	Lower	Upper
96	100		
61	1254.4	144.4	268.2#
63	10083.8	111.5	207.1#



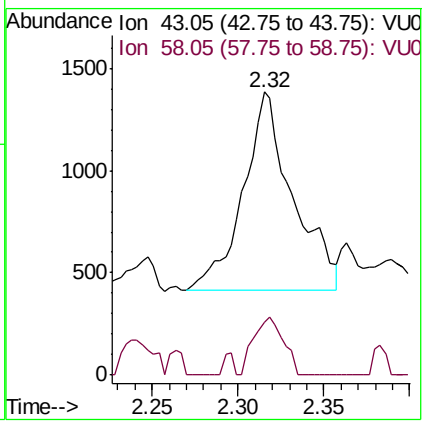


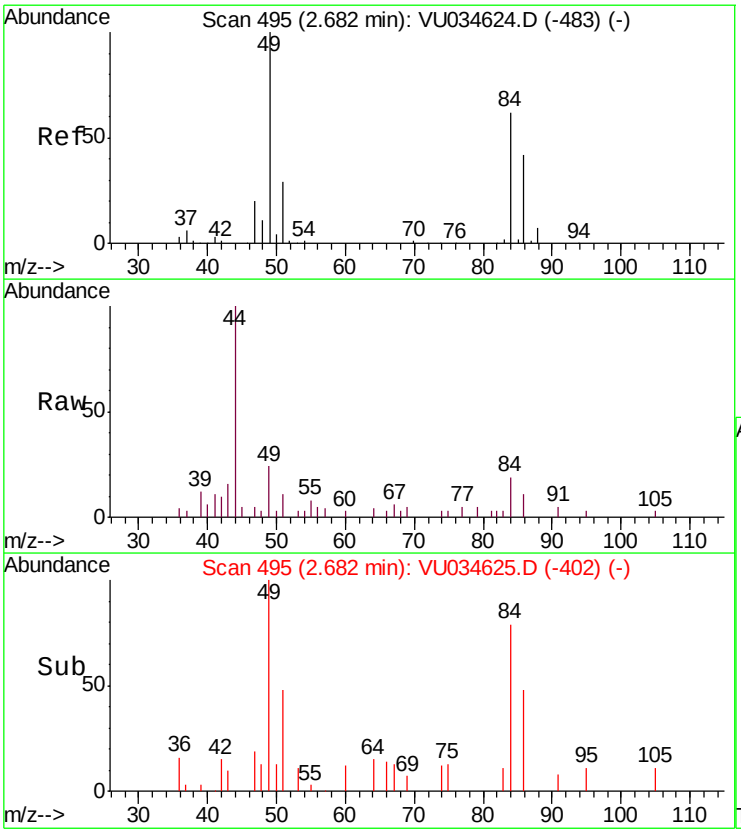
#13
Acetone
Concen: 1.269 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion: 43 Resp: 1952

Ion	Ratio	Lower	Upper
43	100		
58	17.4	0.0	57.8

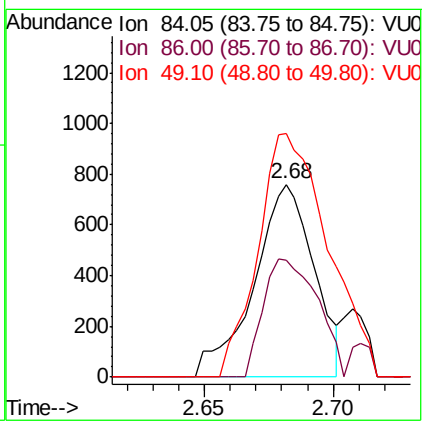


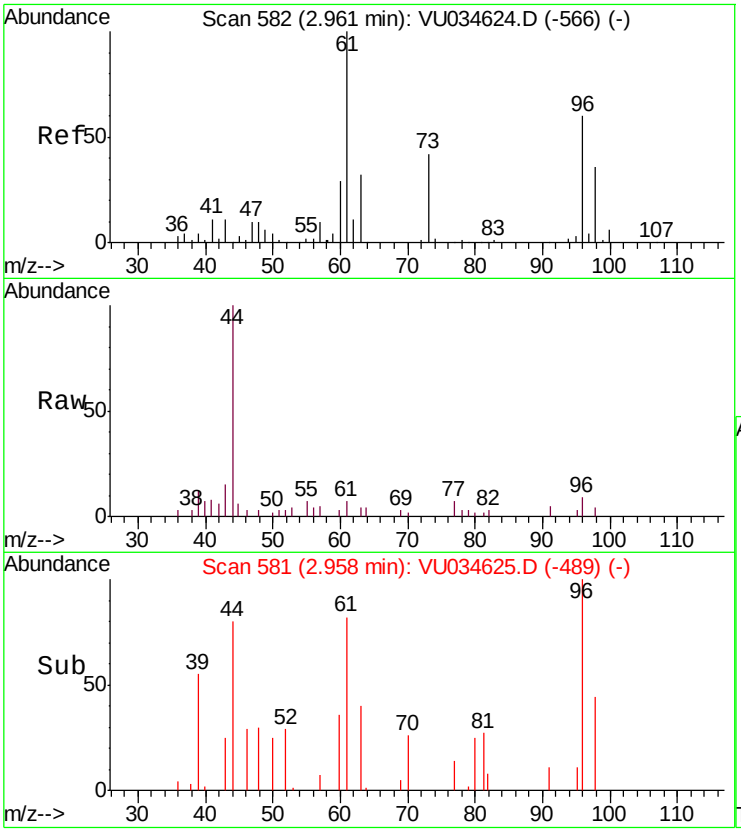


#16
Methylene chloride
Concen: 0.185 ug/L
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Tgt Ion: 84 Resp: 1234

Ion	Ratio	Lower	Upper
84	100		
86	60.7	43.0	80.0
49	126.5	110.9	205.9



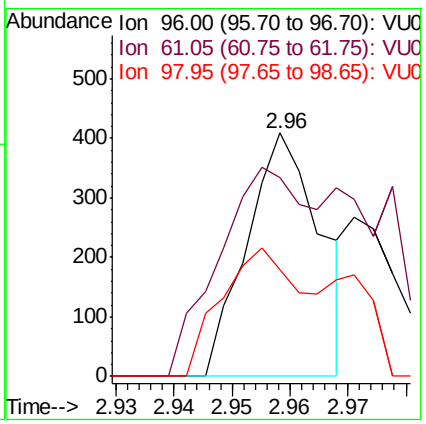


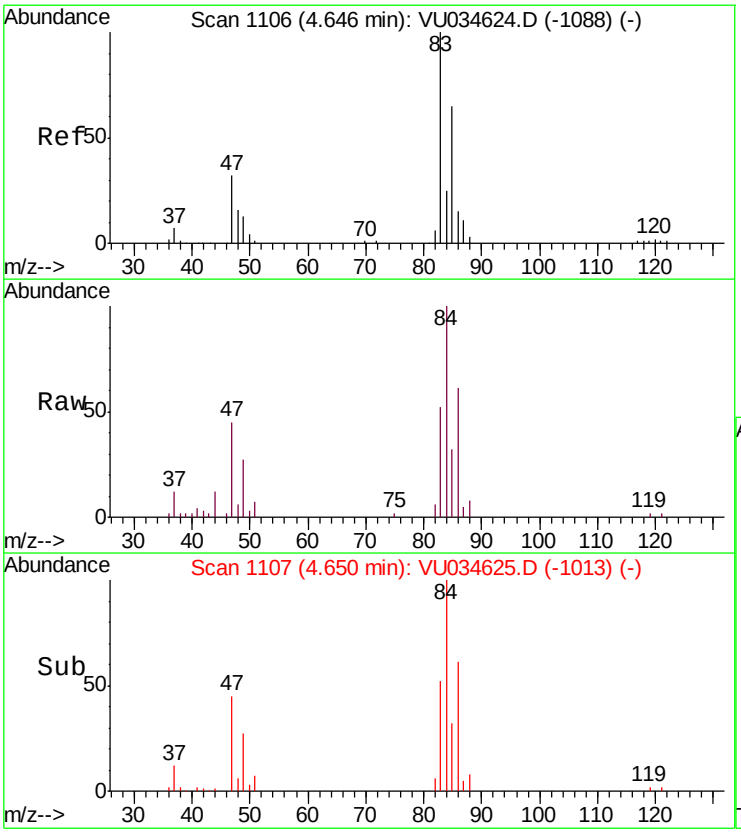
#18
trans-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion: 96 Resp: 358

Ion	Ratio	Lower	Upper
96	100		
61	81.9	118.2	219.6#
98	44.0	44.8	83.2#

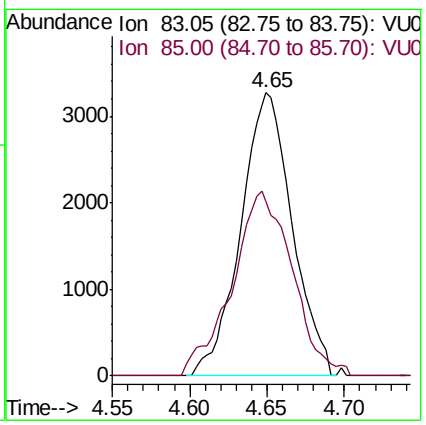


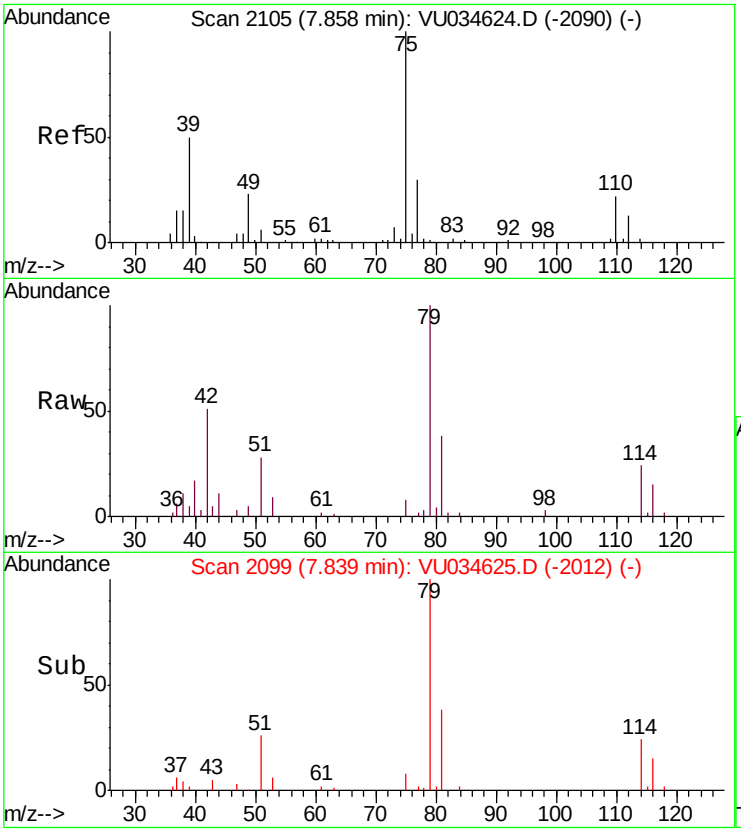


#25
Chloroform
Concen: 0.532 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Tgt Ion: 83 Resp: 7585

Ion	Ratio	Lower	Upper
83	100		
85	61.5	42.8	79.4



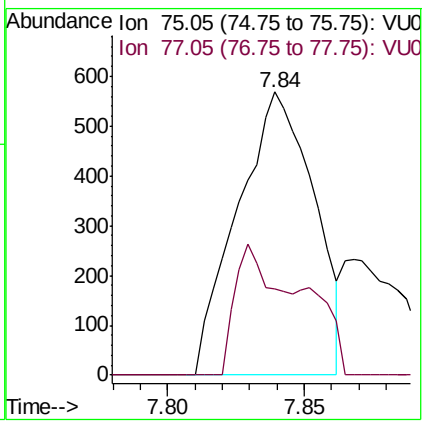


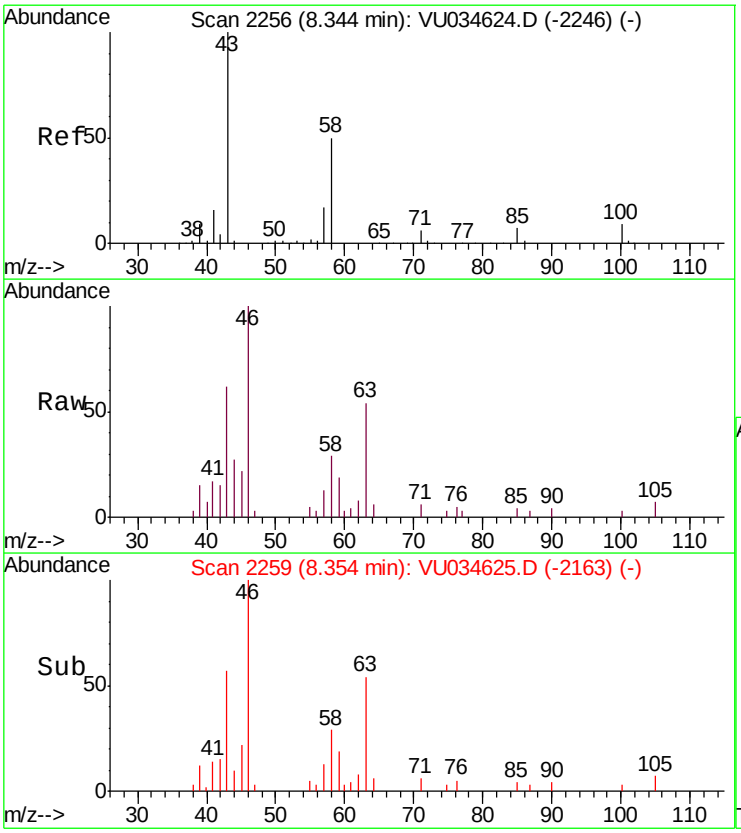
#44
trans-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.84 min Scan# 2099
Delta R.T. -0.02 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion: 75 Resp: 1104

Ion	Ratio	Lower	Upper
75	100		
77	30.6	21.1	39.3





#48
2-Hexanone
Concen: 1.490 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU034625.D
Acq: 17 Sep 2019 19:39

Tgt Ion: 43 Resp: 6046

Ion	Ratio	Lower	Upper
43	100		
58	44.4	41.2	61.8
57	5.9	13.3	19.9#
100	3.1	7.2	10.8#