Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121218\

Quantitation Report (Not Reviewed)

Data File : VU028602.D
Acq On : 11 Dec 2018 12:43
Operator : MD/SY
Sample : VU1212WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK54

Quant Time: Dec 12 05:46:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	142750	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55294	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62701	47.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.06%			
7) Chloroethane-d5	1.67	69	50701	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.48%			
11) 1,1-Dichloroethene-d2	2.27	63	86454	36.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.56%			
21) 2-Butanone-d5	4.17	46	121141	113.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.15%			
24) Chloroform-d	4.65	84	107746	51.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.12%			
26) 1,2-Dichloroethane-d4	5.30	65	73373	52.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.48%			
32) Benzene-d6	5.34	84	225617	54.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.74%			
36) 1,2-Dichloropropane-d6	6.33	67	82261	55.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.40%			
41) Toluene-d8	7.56	98	195086	52.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.06%			
43) trans-1,3-Dichloropropene-	7.85	79	36286	53.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.44%			
47) 2-Hexanone-d5	8.31	63	86938	121.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107478	56.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66210	59.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.04%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2188	1.197	ug/L	96
8) Chloroethane	1.40	64	845	0.932	ug/L #	1
12) 1,1-Dichloroethene	2.27	96	576	0.613	ug/L #	1
37) 1,2-Dichloropropane	6.33	63	8323	5.935	ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2182	1.096	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1365	0.744	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	7800	4.923	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	676	0.526	ug/L #	73
69) Naphthalene	13.75	128	2171	0.509	ug/L #	82
70) 1,2,3-Trichlorobenzene	14.00	180	763	0.594	ug/L #	70

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

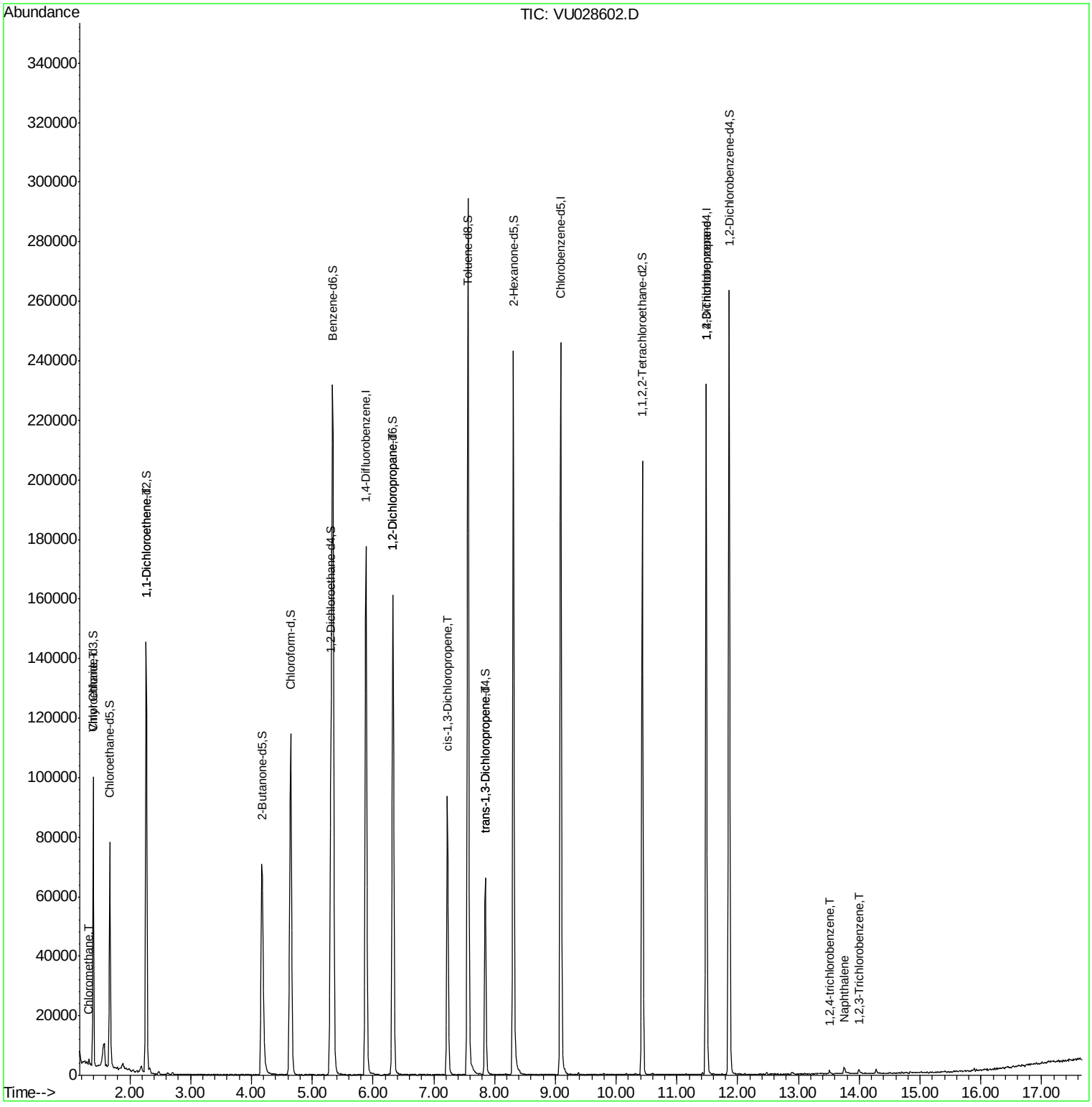
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121218\

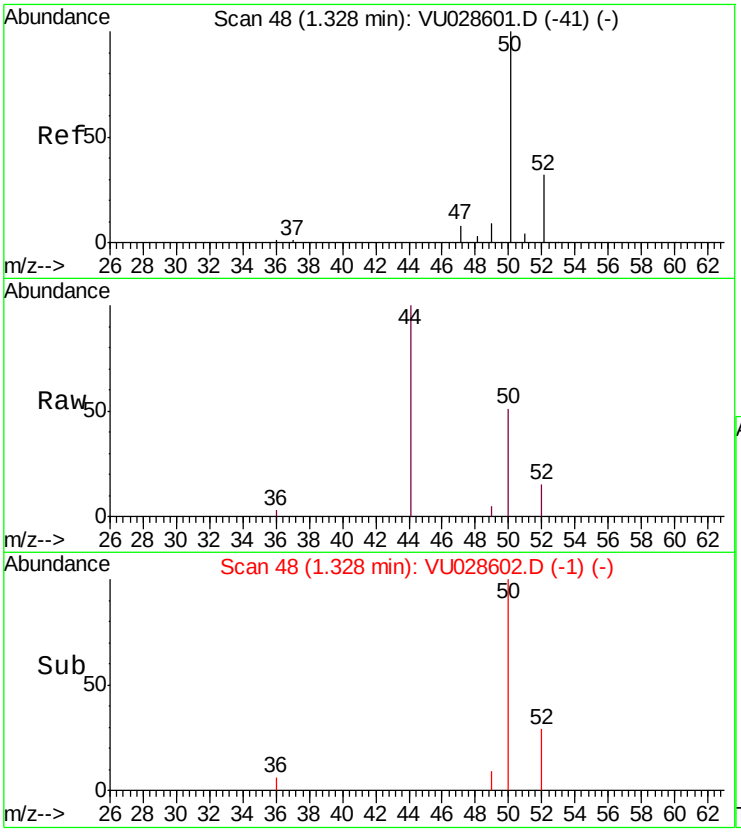
Quantitation Report (Not Reviewed)

Data File : VU028602.D
Acq On : 11 Dec 2018 12:43
Operator : MD/SY
Sample : VU1212WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK54

Quant Time: Dec 12 05:46:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration



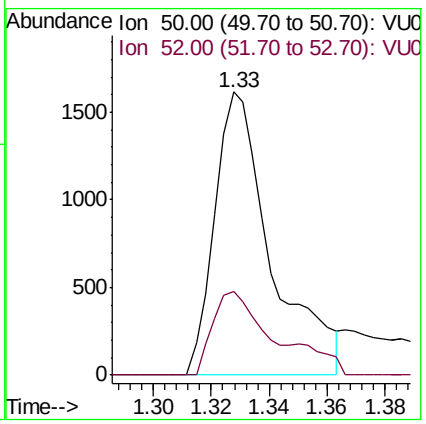


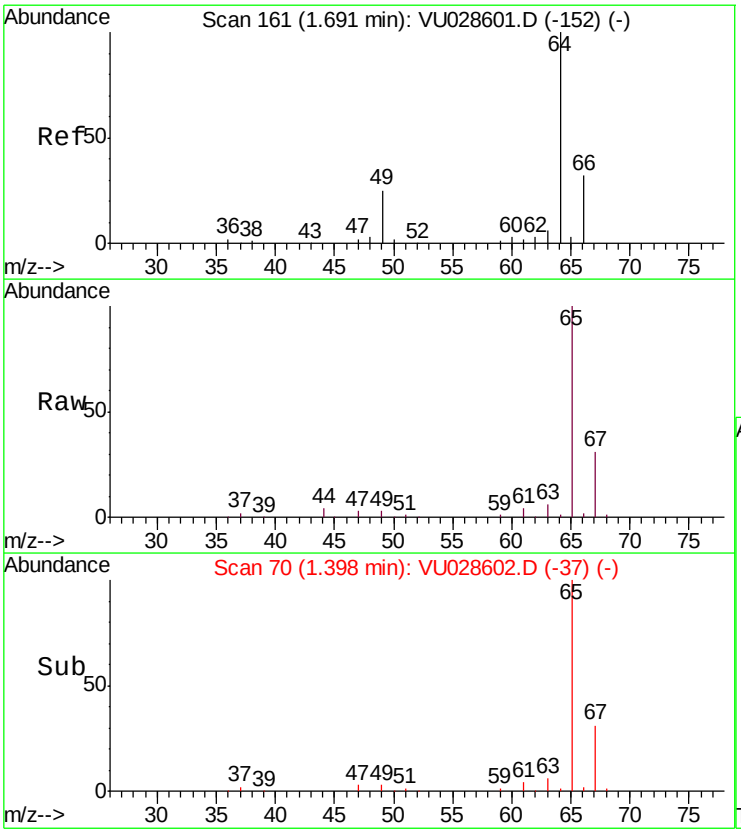
#3
Chloromethane
Concen: 1.197 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion: 50 Resp: 2188

Ion	Ratio	Lower	Upper
50	100		
52	29.5	22.0	41.0

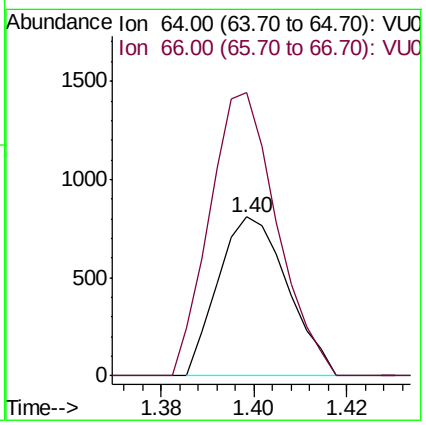


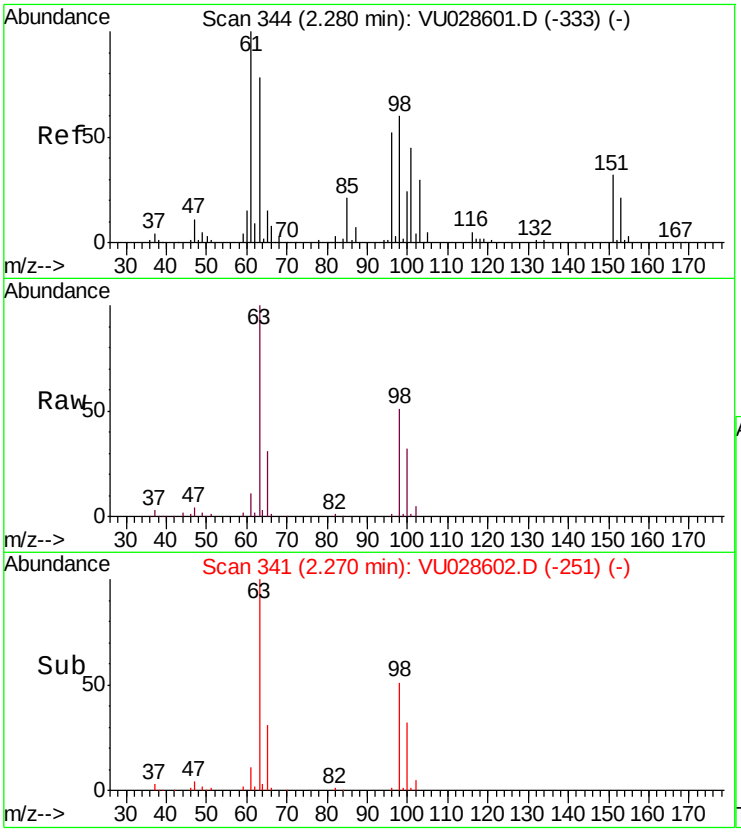


#8
Chloroethane
Concen: 0.932 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Tgt Ion: 64 Resp: 845

Ion	Ratio	Lower	Upper
64	100		
66	177.9	22.4	41.6#



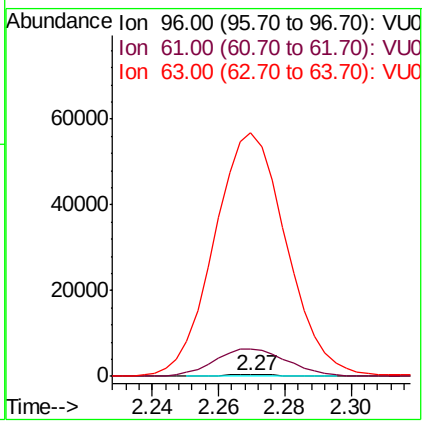


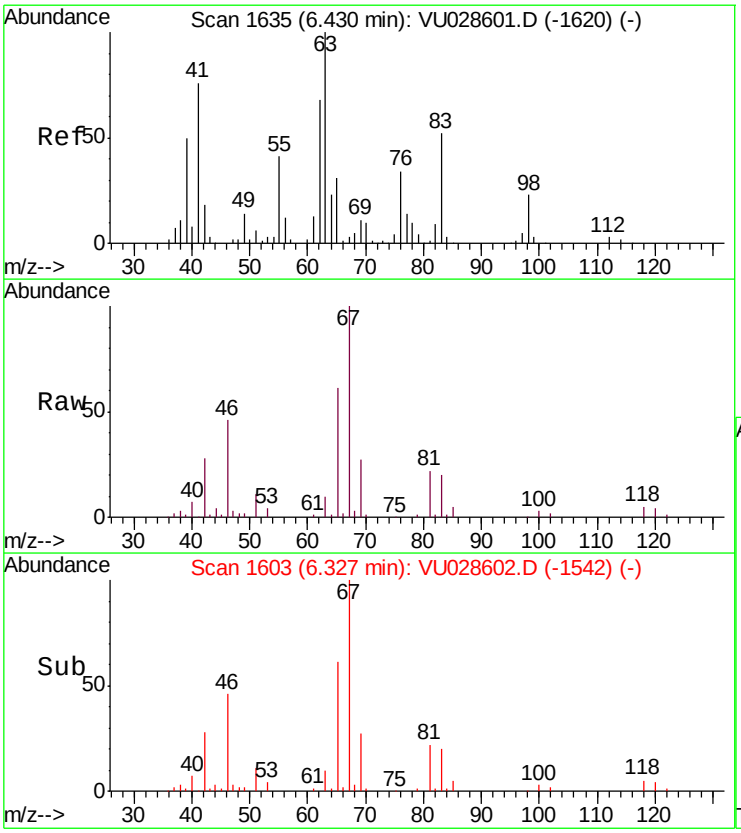
#12
1,1-Dichloroethene
Concen: 0.613 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Instrument : MSVOA_U
ClientSampleId : VBLK54

Tgt Ion: 96 Resp: 576

Ion	Ratio	Lower	Upper
96	100		
61	1762.8	143.2	266.0#
63	15514.8	130.1	241.7#

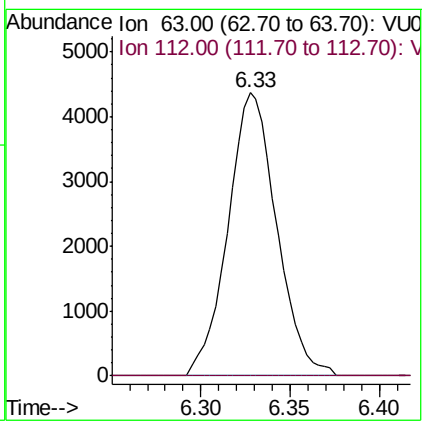


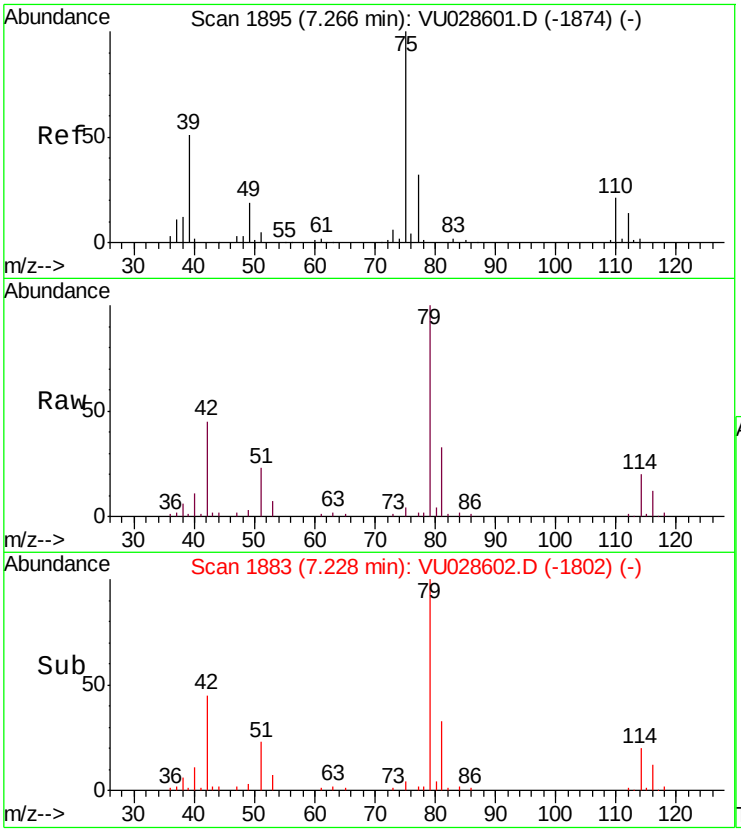


#37
1,2-Dichloropropane
Concen: 5.935 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Tgt Ion: 63 Resp: 8323

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.4	3.6#



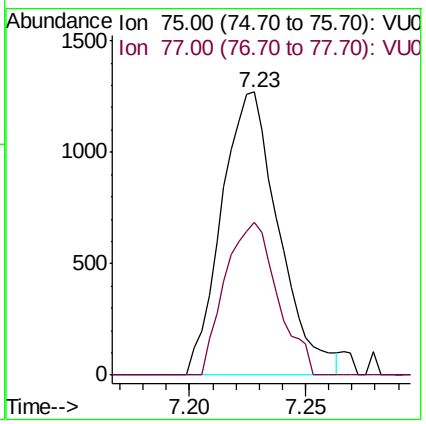


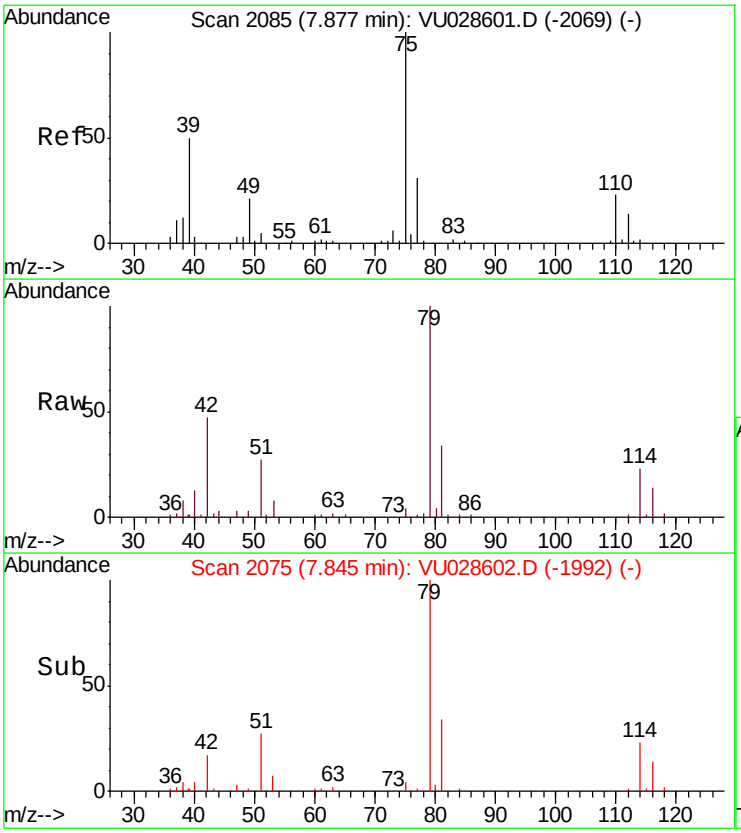
#39
cis-1,3-Dichloropropene
Concen: 1.096 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion: 75 Resp: 2182

Ion	Ratio	Lower	Upper
75	100		
77	54.1	21.8	40.6#

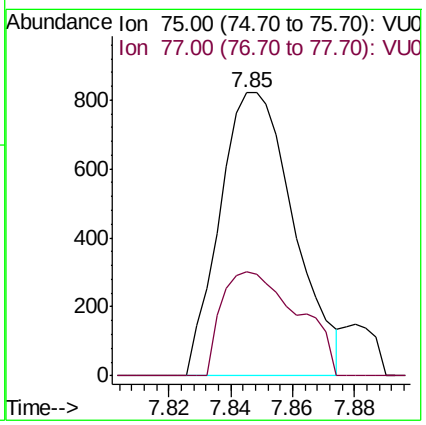


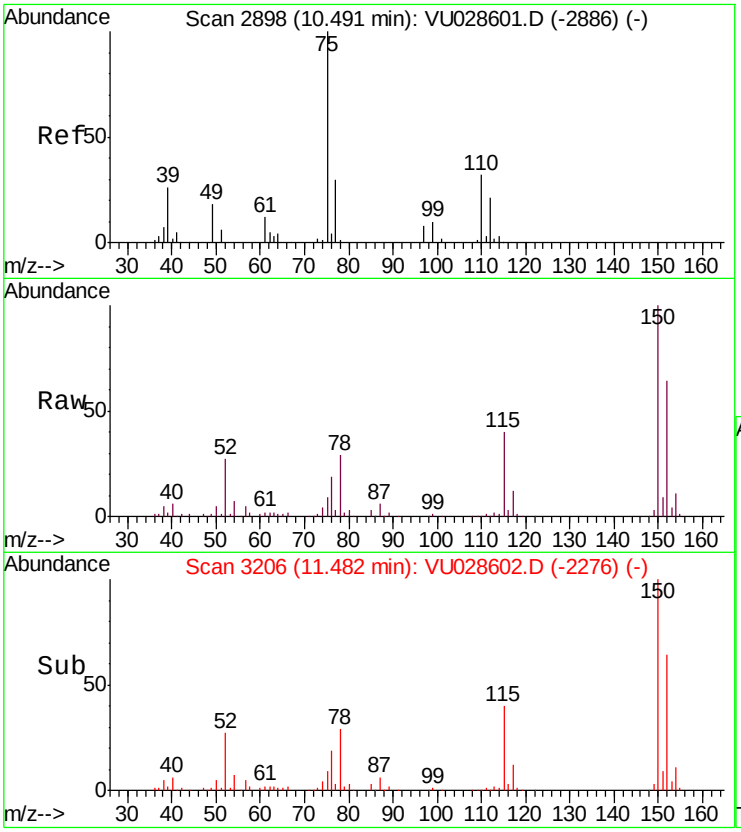


#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Tgt Ion: 75 Resp: 1365

Ion	Ratio	Lower	Upper
75	100		
77	36.8	21.8	40.6



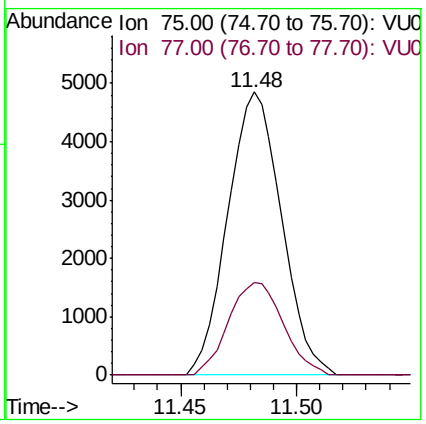


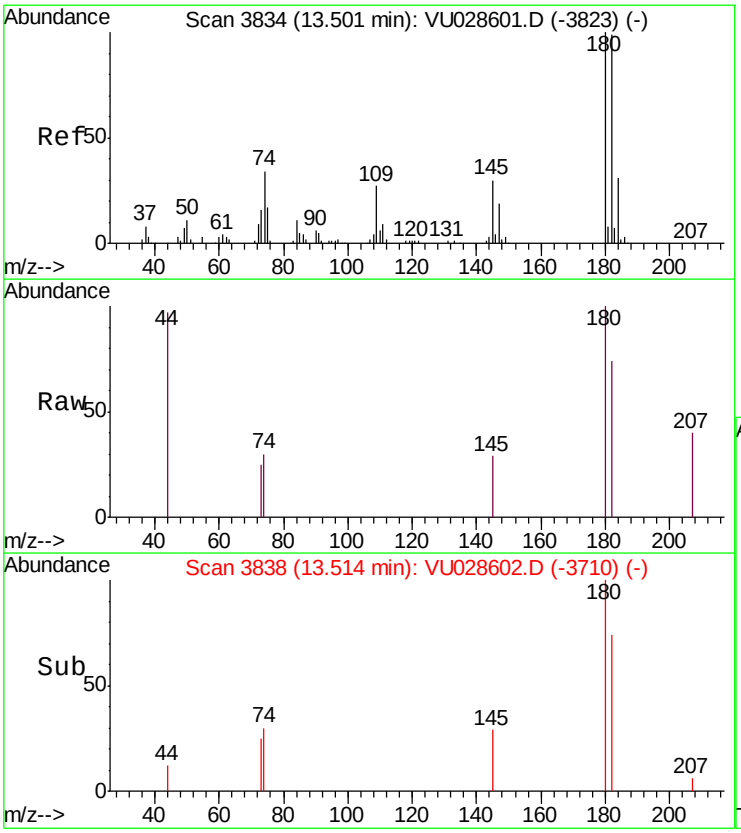
#59
1,2,3-Trichloropropane
Concen: 4.923 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion: 75 Resp: 7800

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.2

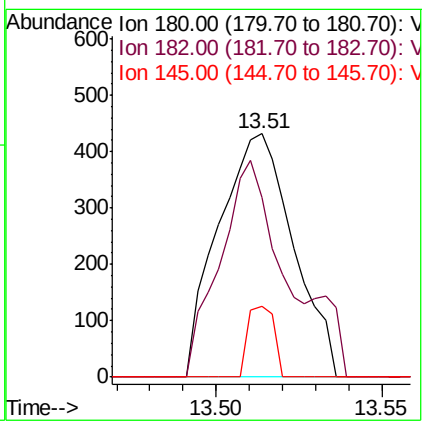


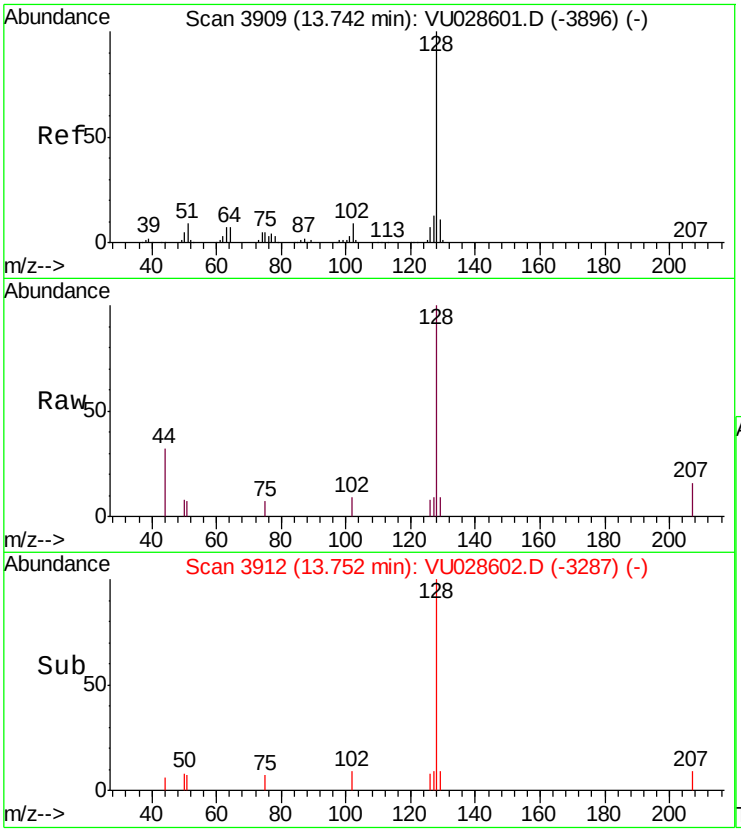


#68
1,2,4-trichlorobenzene
Concen: 0.526 ug/L
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Tgt Ion:180 Resp: 676

Ion	Ratio	Lower	Upper
180	100		
182	70.1	74.8	112.2#
145	10.2	23.0	34.6#



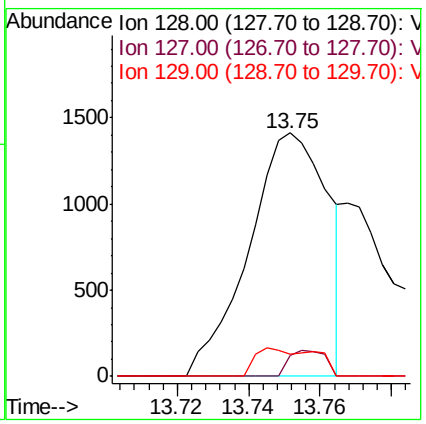


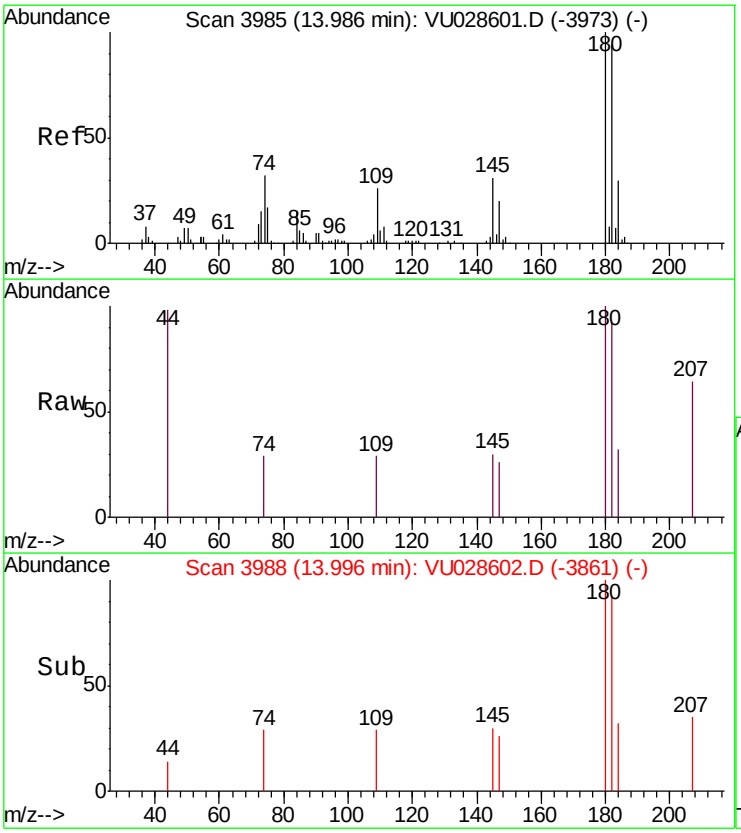
#69
Naphthalene
Concen: 0.509 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion:128 Resp: 2171

Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.7	16.1#
129	5.1	8.6	13.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.594 ug/L
RT: 14.00 min Scan# 3988
Delta R.T. 0.01 min
Lab File: VU028602.D
Acq: 11 Dec 2018 12:43

Tgt Ion:180 Resp: 763

Ion	Ratio	Lower	Upper
180	100		
182	63.4	75.2	112.8#
145	17.3	25.4	38.0#