Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026728.D
Acq On : 13 Sep 2018 16:10
Operator : MD/SY
Sample : VU0915WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK56

Quant Time: Sep 14 01:21:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	206889	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79234	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61696	40.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.04%			
7) Chloroethane-d5	1.68	69	49527	39.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.72%			
11) 1,1-Dichloroethene-d2	2.27	63	84830	30.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.48%			
21) 2-Butanone-d5	4.18	46	83288	86.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.81%			
24) Chloroform-d	4.65	84	96154	37.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.02%			
26) 1,2-Dichloroethane-d4	5.31	65	65449	39.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.02%			
32) Benzene-d6	5.34	84	205148	42.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.14%			
36) 1,2-Dichloropropane-d6	6.33	67	69218	42.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.60%			
41) Toluene-d8	7.57	98	183643	40.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.28%			
43) trans-1,3-Dichloropropene-	7.85	79	29326	38.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.10%			
47) 2-Hexanone-d5	8.31	63	57832	86.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88847	39.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67357	42.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.28%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	922	0.726	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	773	0.634	ug/L #	1
13) Acetone	2.32	43	828	0.758	ug/L	70
25) Chloroform	4.67	83	4642	1.842	ug/L	99
37) 1,2-Dichloropropane	6.33	63	6865	4.657	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1818	0.834	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1216	0.599	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	9525	5.462	ug/L	90
68) 1,2,4-trichlorobenzene	13.51	180	1015	0.647	ug/L #	93
69) Naphthalene	13.75	128	3454	0.719	ug/L #	89
70) 1,2,3-Trichlorobenzene	14.00	180	1185	0.697	ug/L #	89

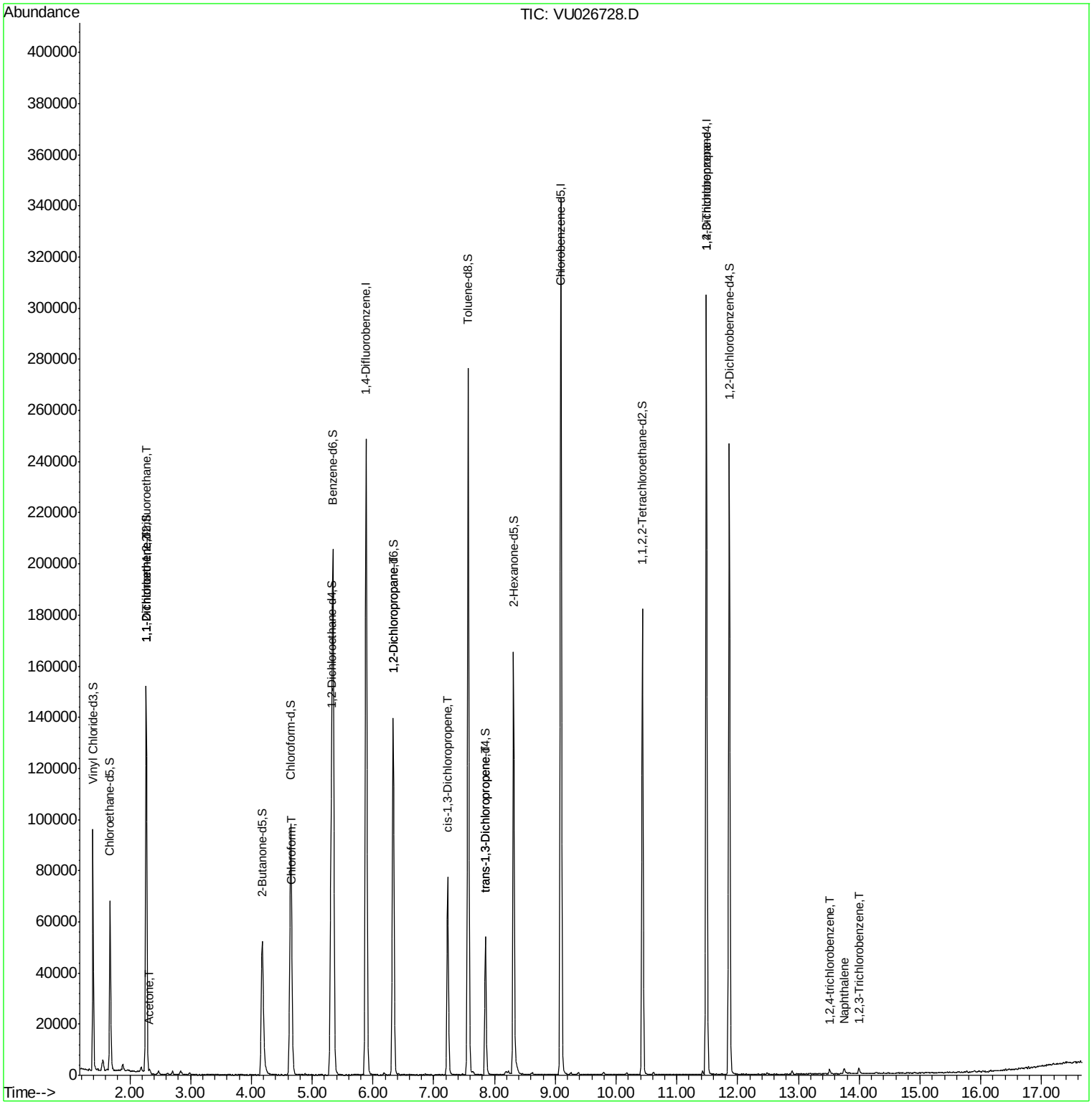
(#) = qualifier out of range (m) = manual integration (+) = signals summed

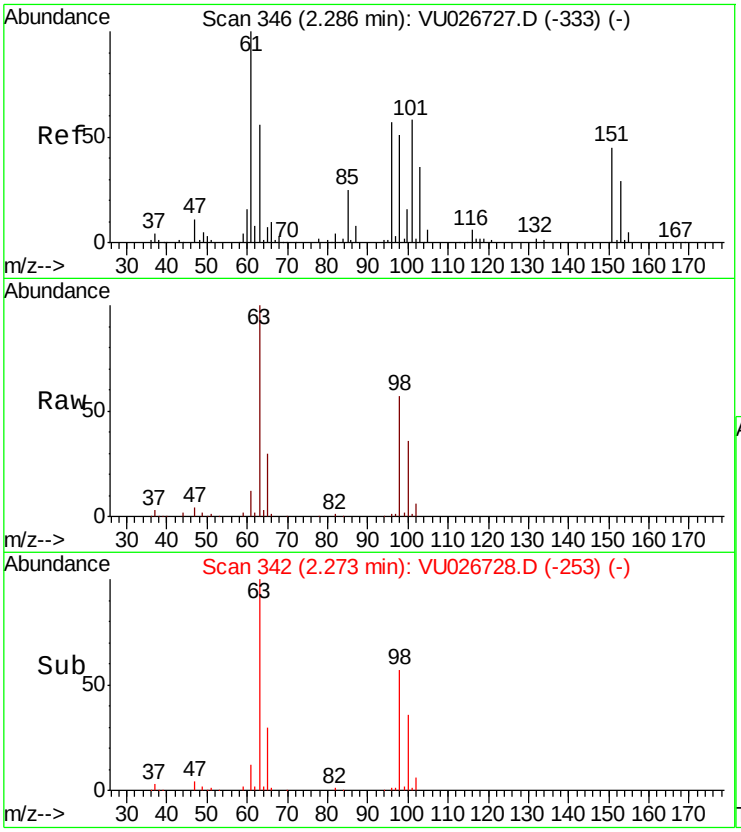
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026728.D
Acq On : 13 Sep 2018 16:10
Operator : MD/SY
Sample : VU0915WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK56

Quant Time: Sep 14 01:21:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration



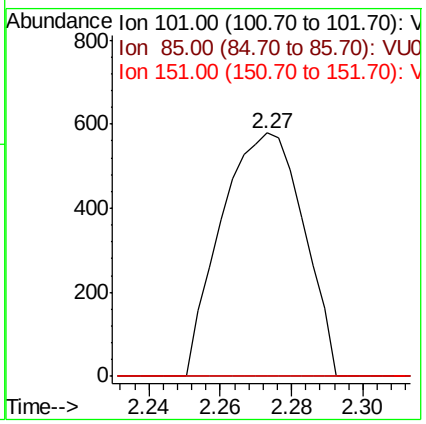


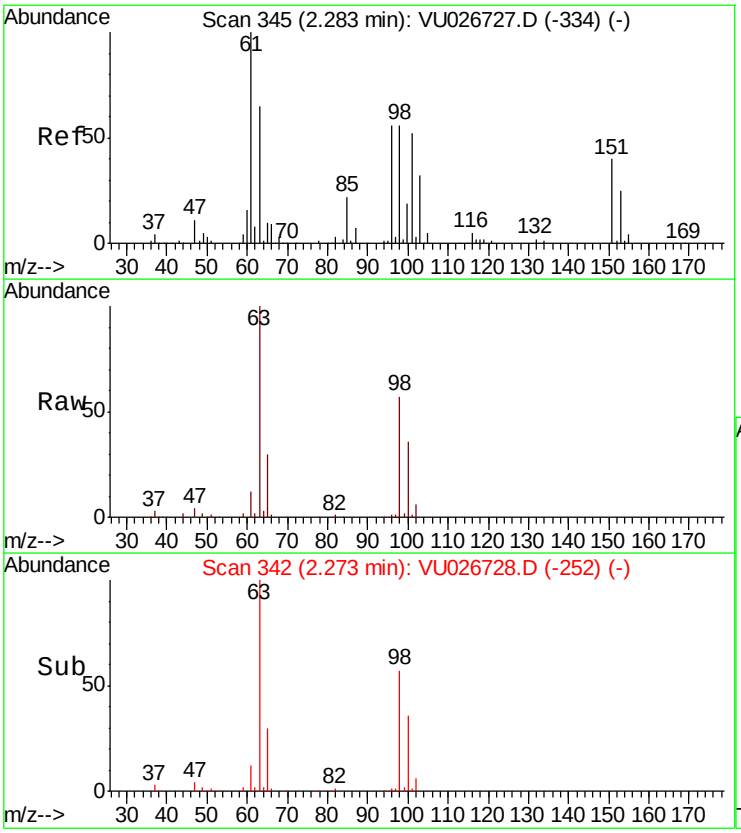
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.726 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:101 Resp: 922

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

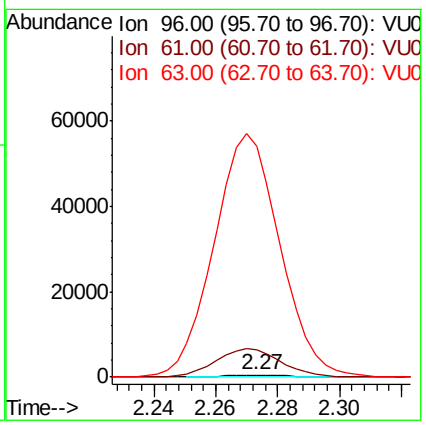


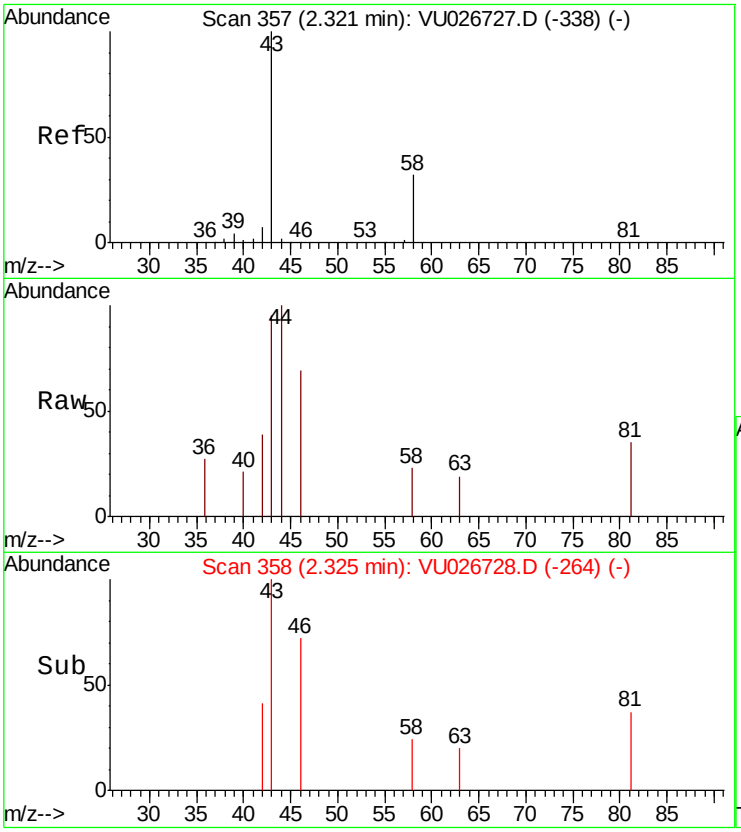


#12
1,1-Dichloroethene
Concen: 0.634 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Tgt Ion: 96 Resp: 773

Ion	Ratio	Lower	Upper
96	100		
61	1307.8	121.0	224.8#
63	11090.2	89.9	166.9#



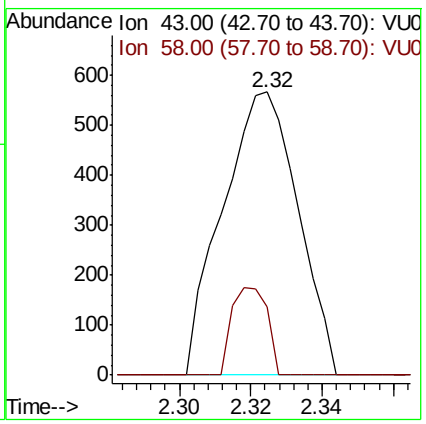


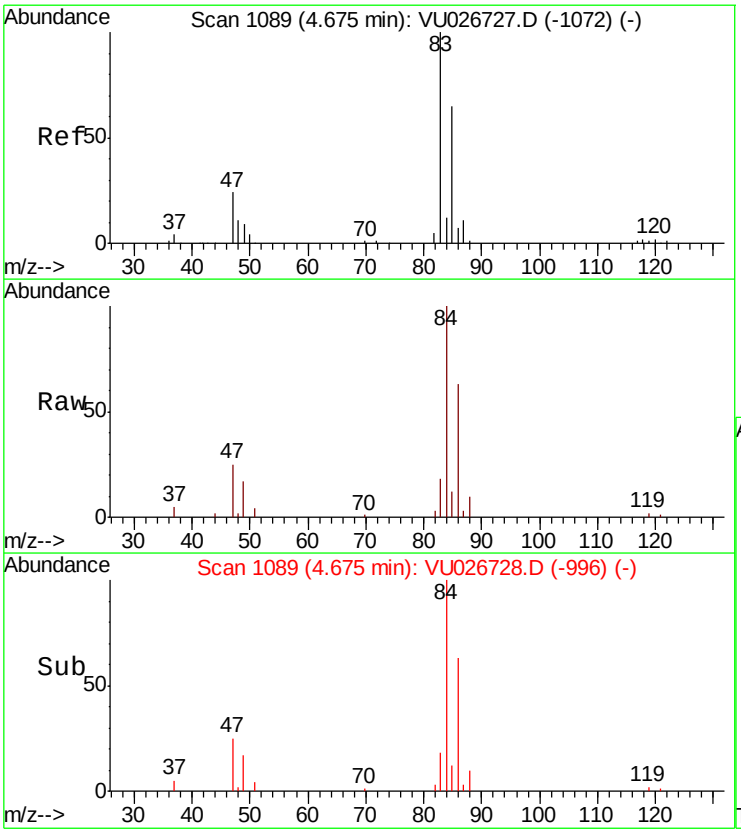
#13
Acetone
Concen: 0.758 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 43 Resp: 828

Ion	Ratio	Lower	Upper
43	100		
58	14.6	0.0	62.8

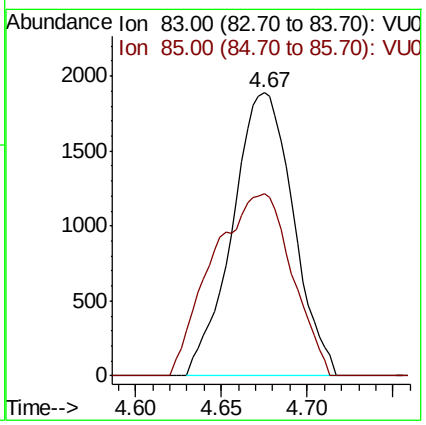


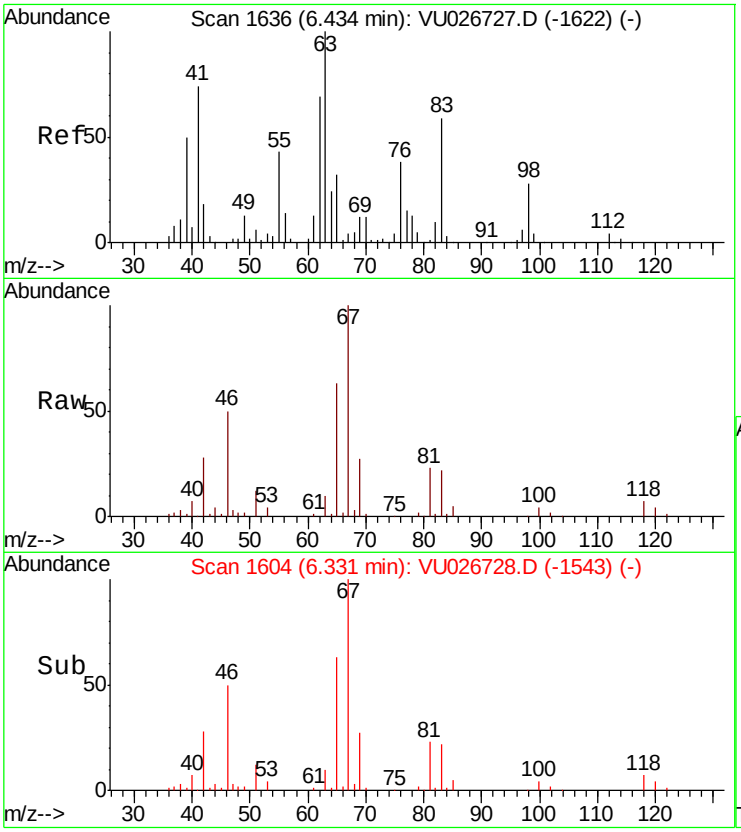


#25
Chloroform
Concen: 1.842 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Tgt Ion: 83 Resp: 4642

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.6	84.6



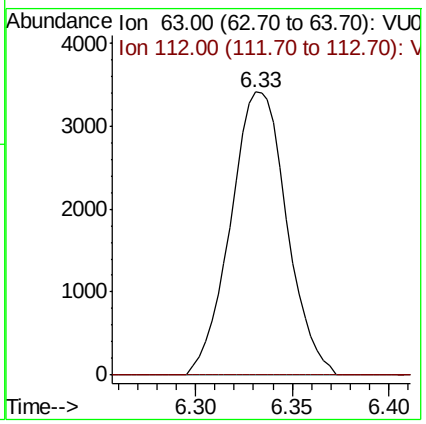


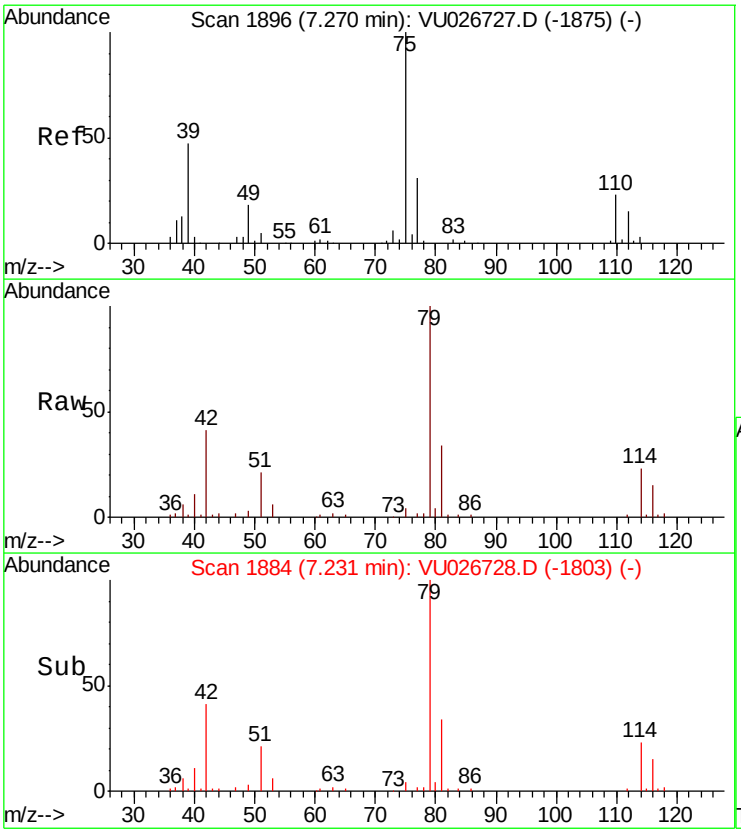
#37
1,2-Dichloropropane
Concen: 4.657 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument : MSVOA_U
ClientSampleId : VBLK56

Tgt Ion: 63 Resp: 6865

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

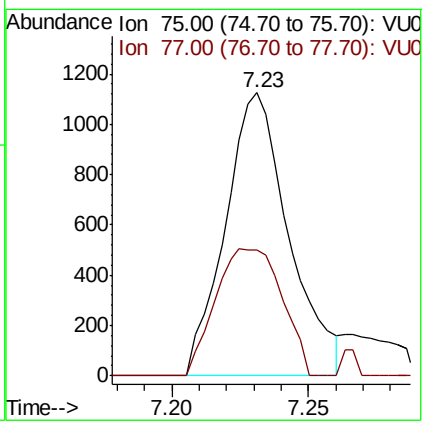


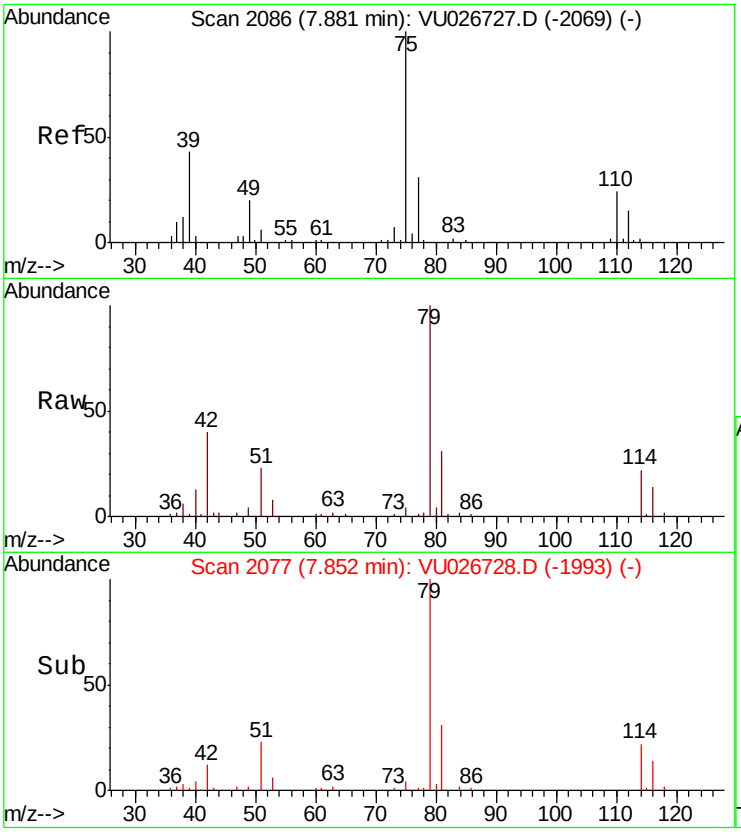


#39
cis-1,3-Dichloropropene
Concen: 0.834 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Tgt Ion: 75 Resp: 1818

Ion	Ratio	Lower	Upper
75	100		
77	44.5	22.3	41.3#



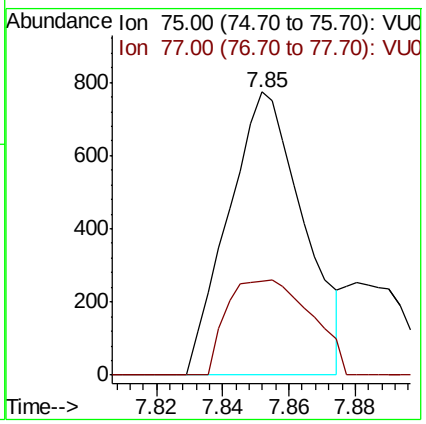


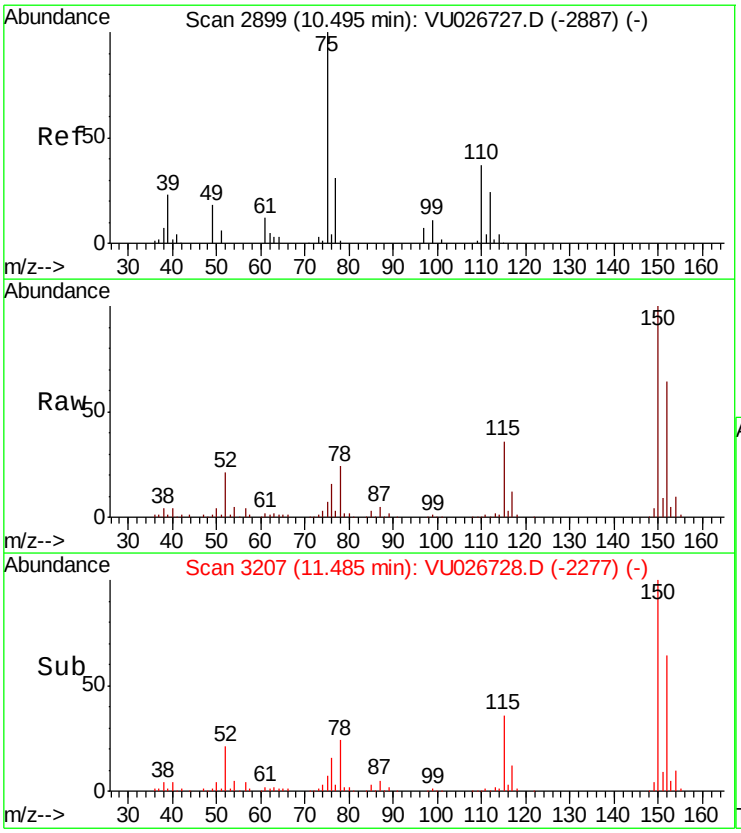
#44
trans-1,3-Dichloropropene
Concen: 0.599 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion: 75 Resp: 1216

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.4	41.6

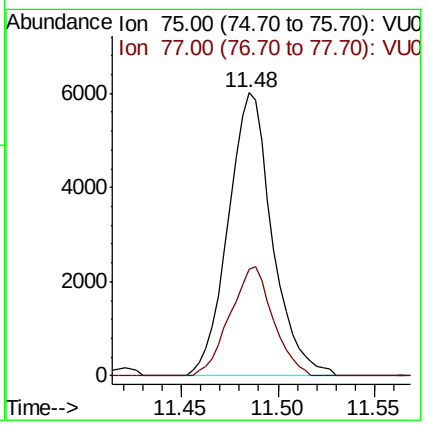


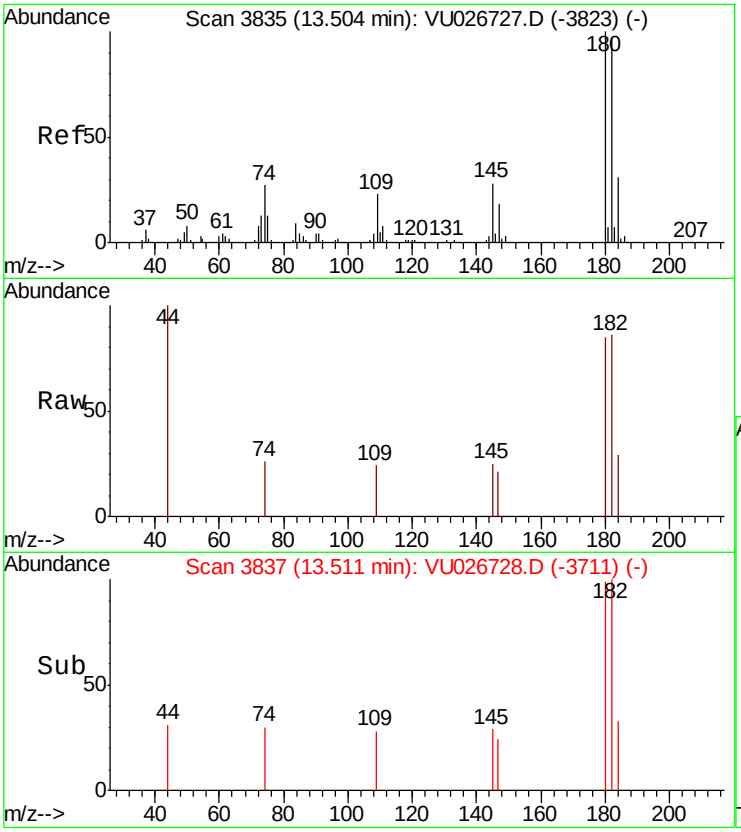


#59
1,2,3-Trichloropropane
Concen: 5.462 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Tgt Ion: 75 Resp: 9525

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.8	38.6



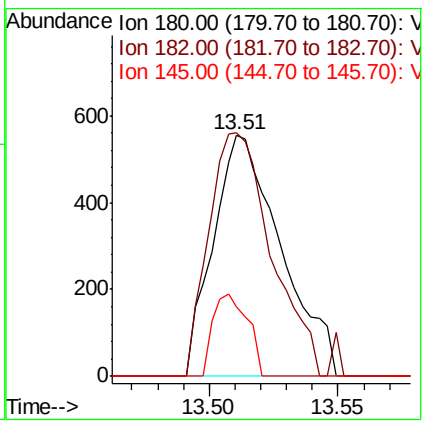


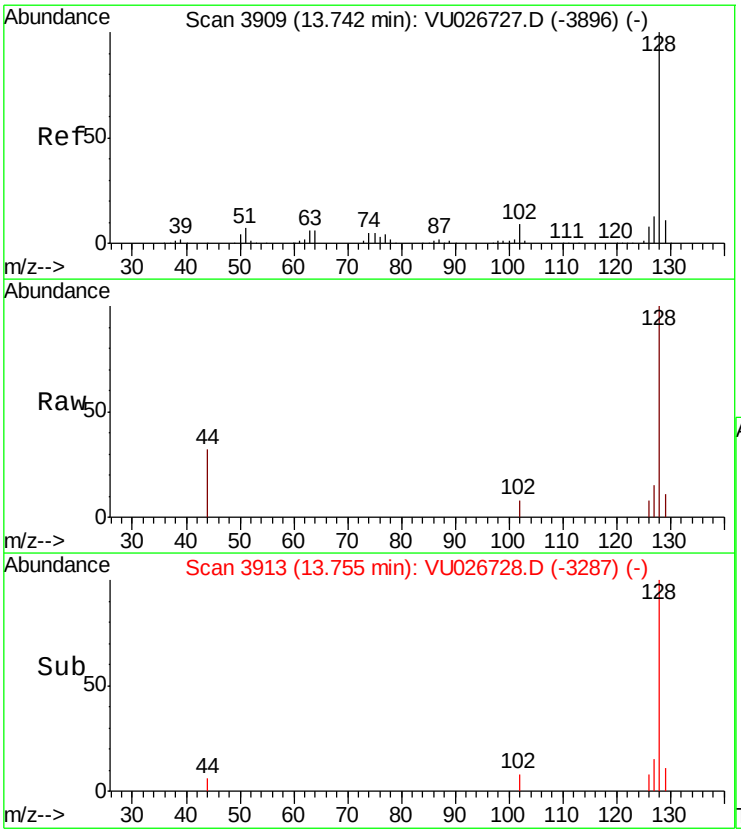
#68
1,2,4-trichlorobenzene
Concen: 0.647 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:180 Resp: 1015

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	17.2	23.4	35.0#

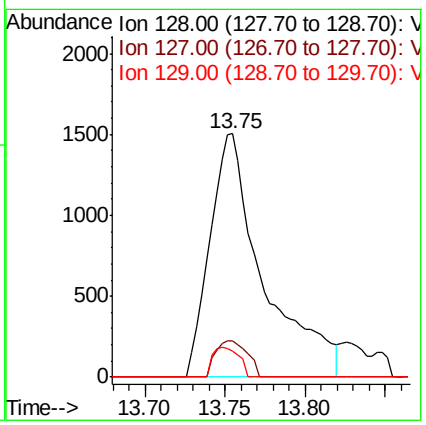


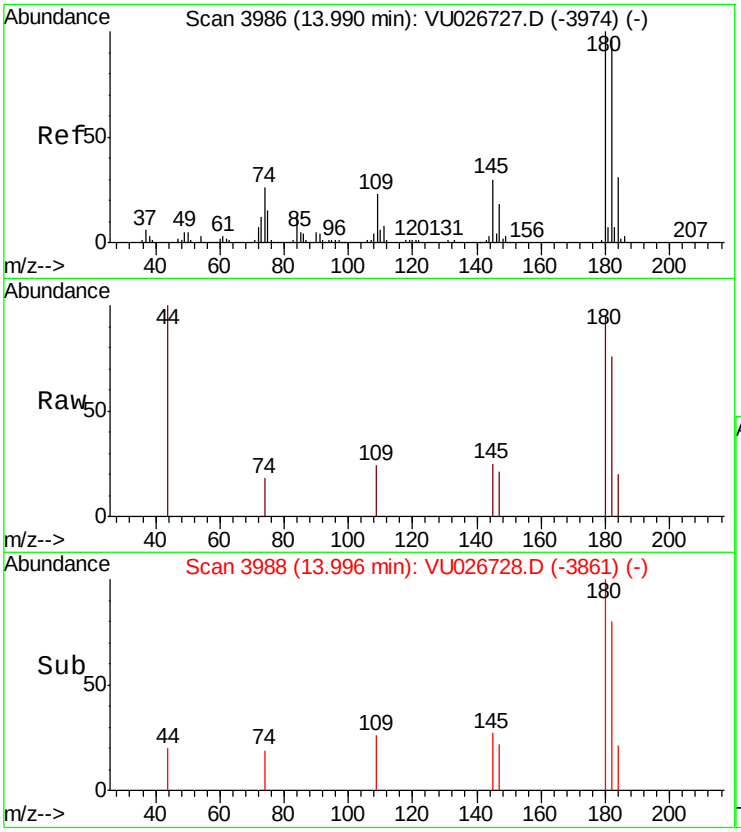


#69
Naphthalene
Concen: 0.719 ug/L
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Tgt Ion:128 Resp: 3454

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.3	15.5#
129	6.0	8.6	13.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.697 ug/L
RT: 14.00 min Scan# 3988
Delta R.T. 0.01 min
Lab File: VU026728.D
Acq: 13 Sep 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Tgt Ion:180 Resp: 1185

Ion	Ratio	Lower	Upper
180	100		
182	88.0	76.7	115.1
145	17.9	23.0	34.6#