Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\

Quantitation Report (Not Reviewed)

Data File : VU030113.D
Acq On : 15 Mar 2019 16:11
Operator : JC/SP
Sample : VU0316WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK33

Quant Time: Mar 16 00:55:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	550144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250997	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	178149	48.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.92%			
7) Chloroethane-d5	1.68	69	146109	49.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.48%			
11) 1,1-Dichloroethene-d2	2.27	63	241675	36.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.58%			
21) 2-Butanone-d5	4.18	46	264759	97.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.11%			
24) Chloroform-d	4.65	84	316861	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.08%			
26) 1,2-Dichloroethane-d4	5.31	65	188596	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.02%			
32) Benzene-d6	5.34	84	681258	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.33	67	213472	52.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.64%			
41) Toluene-d8	7.56	98	609264	48.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.85	79	95748	48.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.88%			
47) 2-Hexanone-d5	8.31	63	224544	98.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.35%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304848	48.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.24%			
64) 1,2-Dichlorobenzene-d4	11.86	152	248025	51.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.02%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3677	0.959	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2564	0.709	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2126	0.617	ug/L #	1
48) 2-Hexanone	8.37	43	5393	1.201	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	25598	5.042	ug/L	90
68) 1,2,4-trichlorobenzene	13.51	180	2422	0.421	ug/L #	72
69) Naphthalene	13.76	128	9829	0.526	ug/L #	86
70) 1,2,3-Trichlorobenzene	14.00	180	3526	0.590	ug/L	92

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

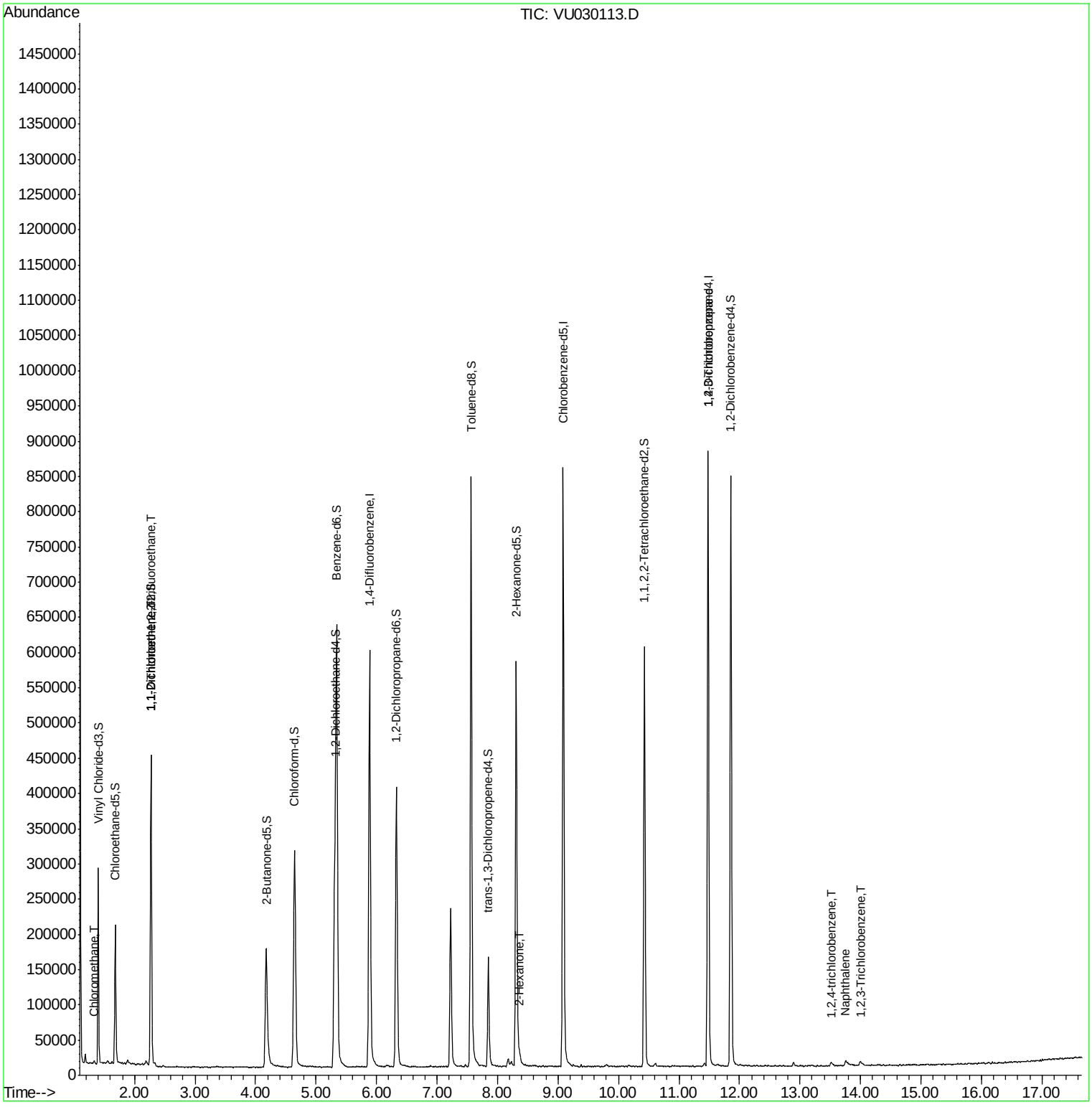
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\

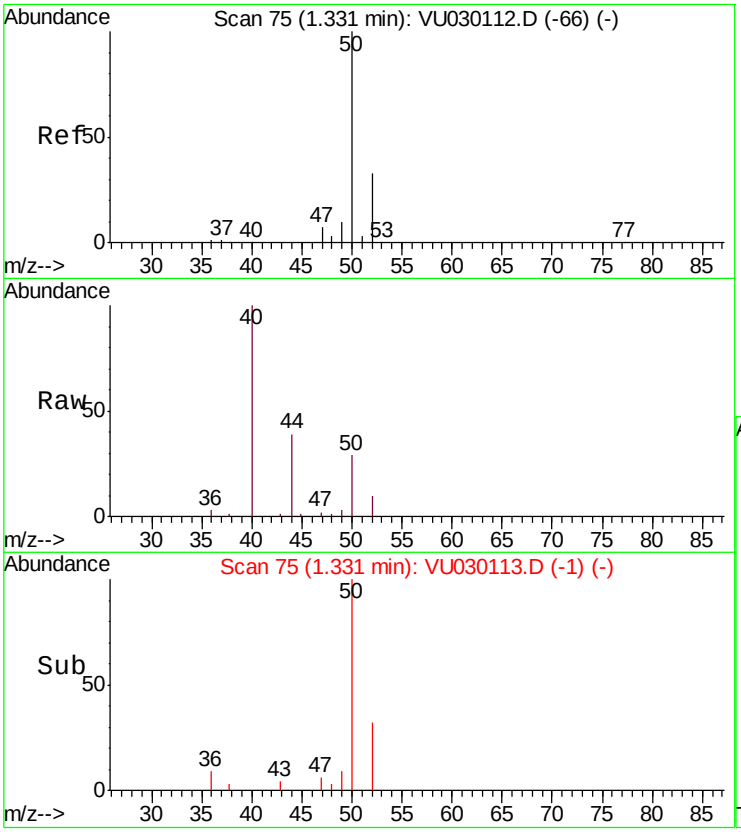
Quantitation Report (Not Reviewed)

Data File : VU030113.D
Acq On : 15 Mar 2019 16:11
Operator : JC/SP
Sample : VU0316WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK33

Quant Time: Mar 16 00:55:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration



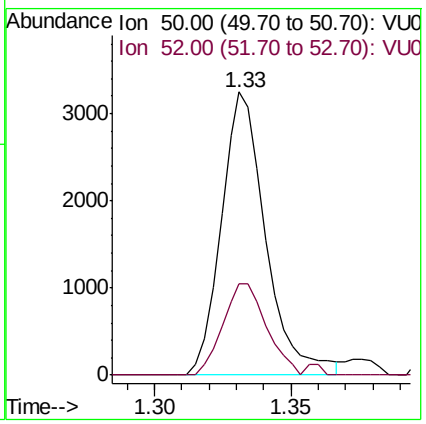


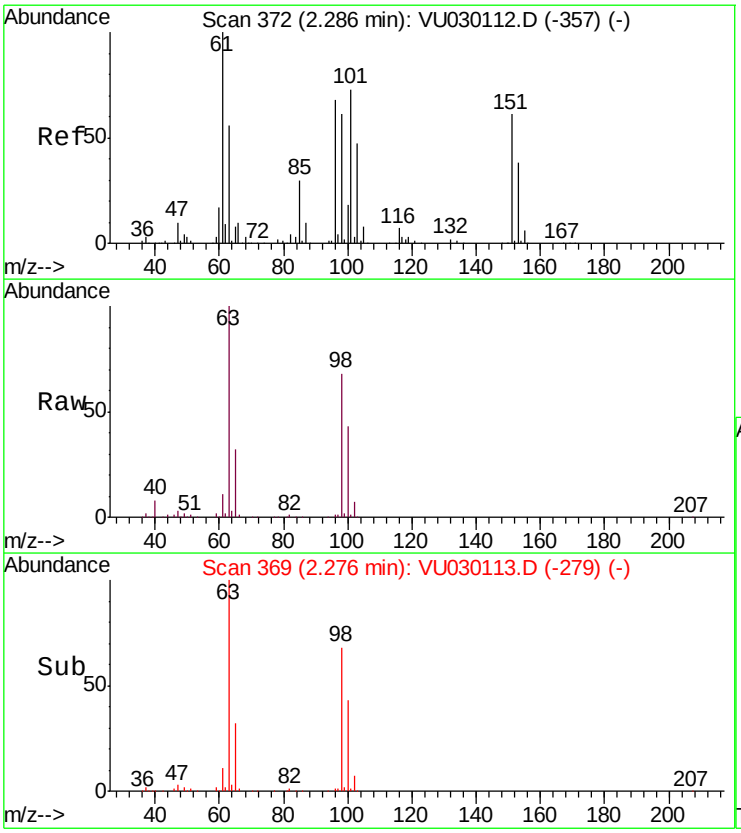
#3
Chloromethane
Concen: 0.959 ug/L
RT: 1.33 min Scan# 75
Delta R.T. -0.00 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion: 50 Resp: 3677

Ion	Ratio	Lower	Upper
50	100		
52	32.3	23.4	43.6

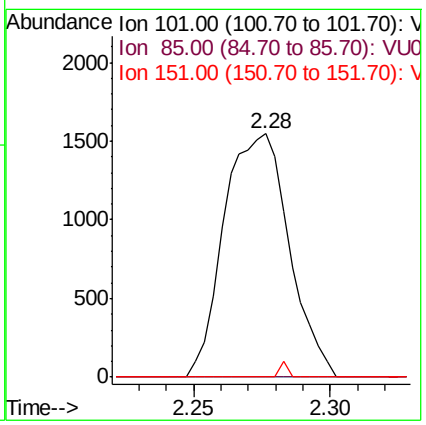


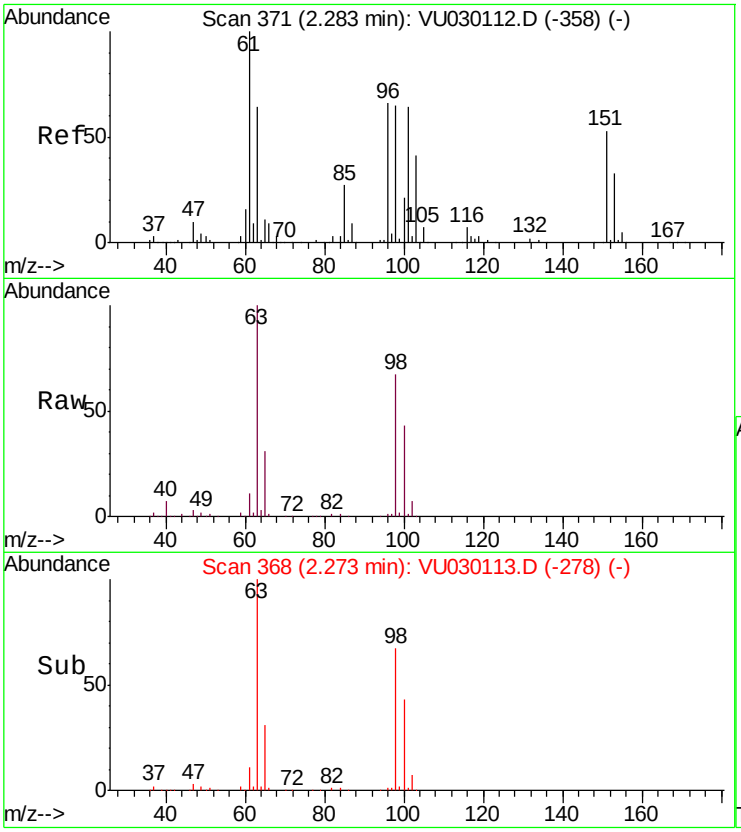


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.709 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Tgt Ion:101 Resp: 2564

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	0.0	66.1	99.1#



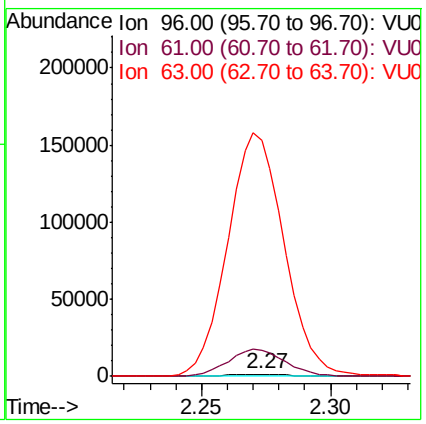


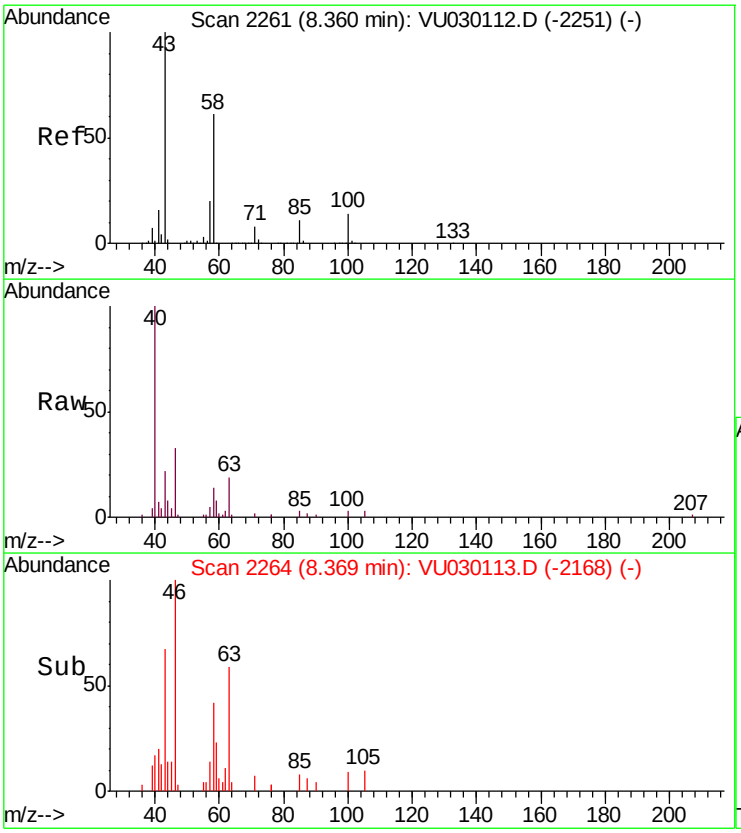
#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion: 96 Resp: 2126

Ion	Ratio	Lower	Upper
96	100		
61	1259.2	110.4	205.0#
63	11278.9	86.5	160.7#

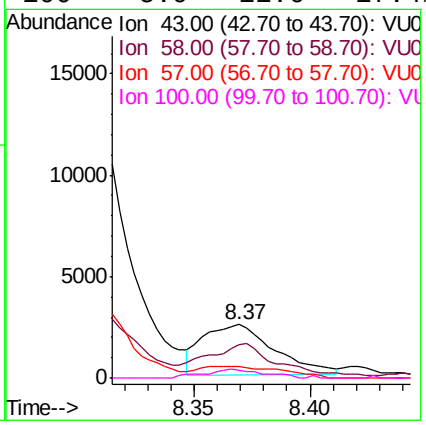


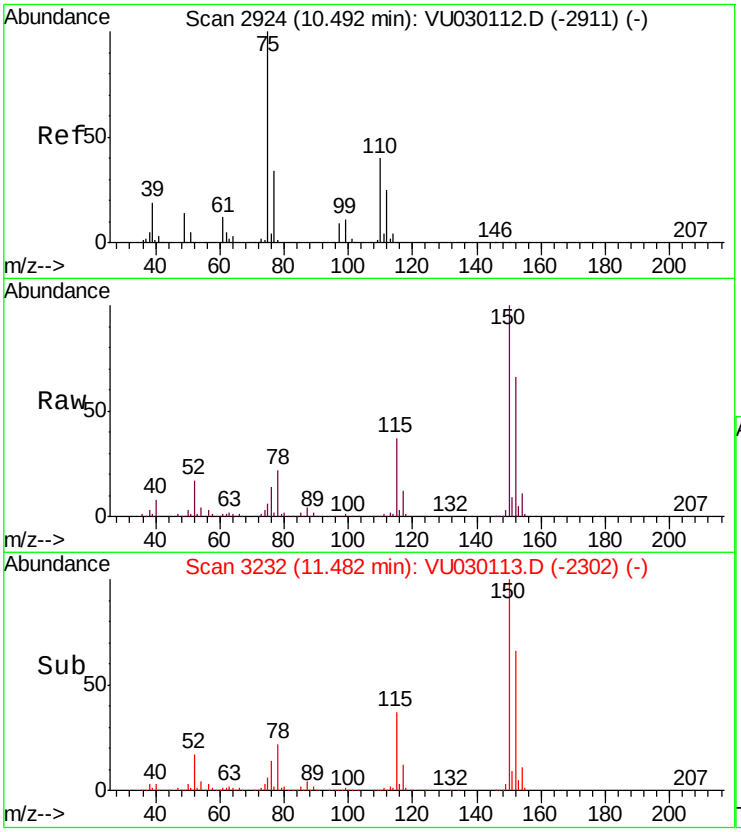


#48
2-Hexanone
Concen: 1.201 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Tgt Ion: 43 Resp: 5393

Ion	Ratio	Lower	Upper
43	100		
58	51.9	48.6	72.8
57	3.7	16.1	24.1#
100	5.9	11.6	17.4#



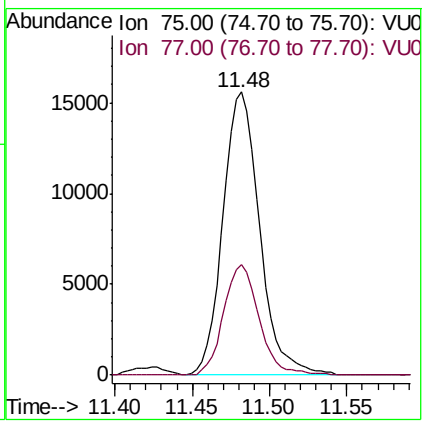


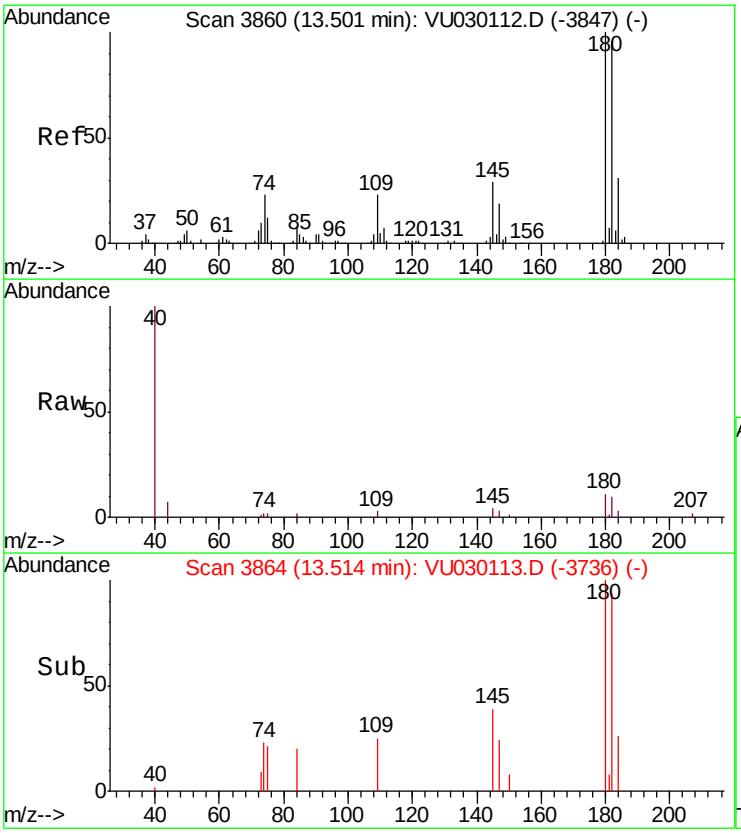
#59
1,2,3-Trichloropropane
Concen: 5.042 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Instrument : MSVOA_U
ClientSampleId : VBLK33

Tgt Ion: 75 Resp: 25598

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.8

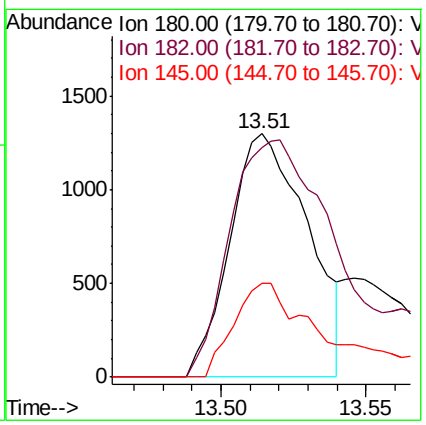


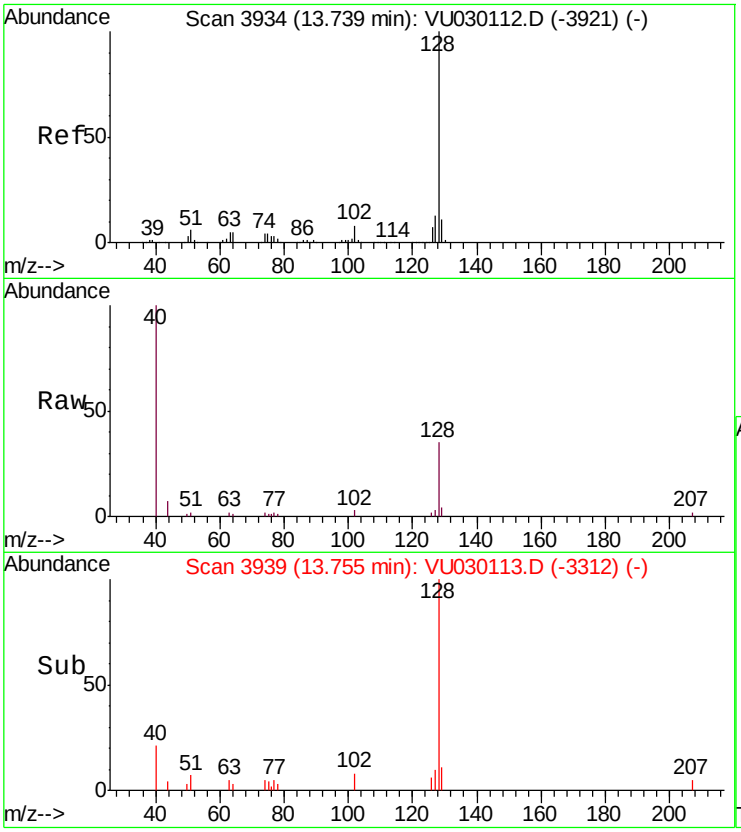


#68
1,2,4-trichlorobenzene
Concen: 0.421 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.01 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Tgt Ion:180 Resp: 2422

Ion	Ratio	Lower	Upper
180	100		
182	128.7	76.1	114.1#
145	25.1	23.0	34.4



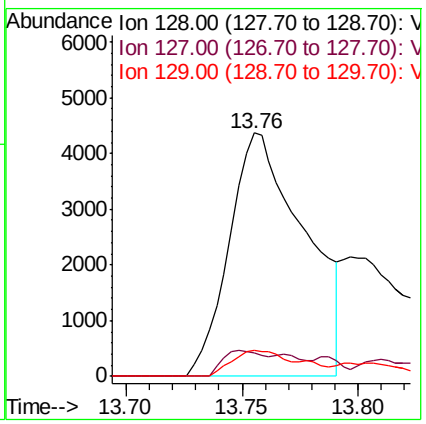


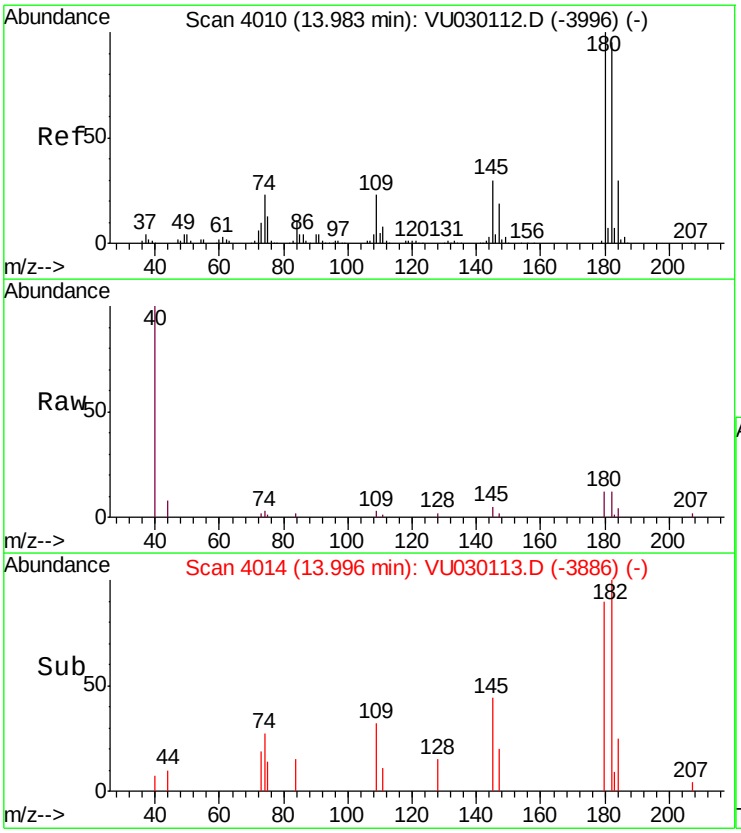
#69
Naphthalene
Concen: 0.526 ug/L
RT: 13.76 min Scan# 3939
Delta R.T. 0.02 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion:128 Resp: 9829

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.1	15.1#
129	7.2	8.7	13.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.590 ug/L
RT: 14.00 min Scan# 4014
Delta R.T. 0.01 min
Lab File: VU030113.D
Acq: 15 Mar 2019 16:11

Tgt Ion:180 Resp: 3526

Ion	Ratio	Lower	Upper
180	100		
182	104.7	75.9	113.9
145	29.0	24.0	36.0