Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030404.D
Acq On : 25 Mar 2019 15:47
Operator : JC/SP
Sample : VU0325MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK54

Quant Time: Mar 26 01:28:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170423	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	184778	50.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.34%			
7) Chloroethane-d5	1.68	69	147542	51.05	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.10%			
11) 1,1-Dichloroethene-d2	2.27	63	256915	37.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.28%			
21) 2-Butanone-d5	4.17	46	326203	95.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.16%			
24) Chloroform-d	4.64	84	296640	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.42%			
26) 1,2-Dichloroethane-d4	5.31	65	197199	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.92%			
32) Benzene-d6	5.34	84	618247	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.94%			
36) 1,2-Dichloropropane-d6	6.33	67	216080	51.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.10%			
41) Toluene-d8	7.56	98	526276	47.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.68%			
43) trans-1,3-Dichloropropene-	7.85	79	92884	47.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.26%			
47) 2-Hexanone-d5	8.31	63	218884	96.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.37%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282666	47.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	173423	50.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.58%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	6983	1.249	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2321	0.702	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1914	0.590	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3673	0.704	ug/L	93
48) 2-Hexanone	8.36	43	11082	1.951	ug/L #	83
51) Chlorobenzene	9.12	112	11796	1.290	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	27167	5.409	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	10871	1.895	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	9554	1.695	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	1828	0.504	ug/L #	2
69) Naphthalene	13.76	128	13247	1.028	ug/L #	83
70) 1,2,3-Trichlorobenzene	14.00	180	2208	0.577	ug/L #	32

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

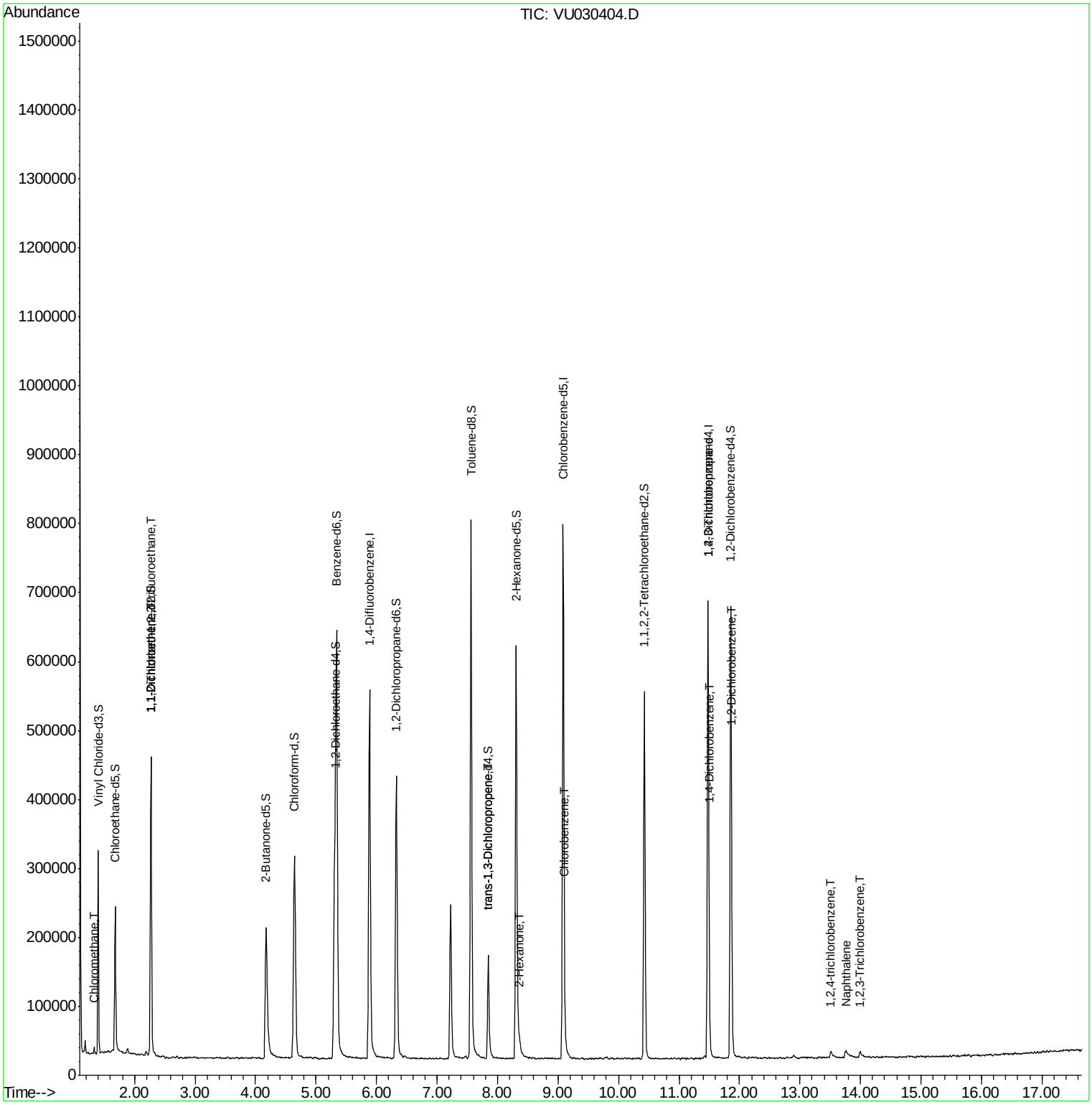
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

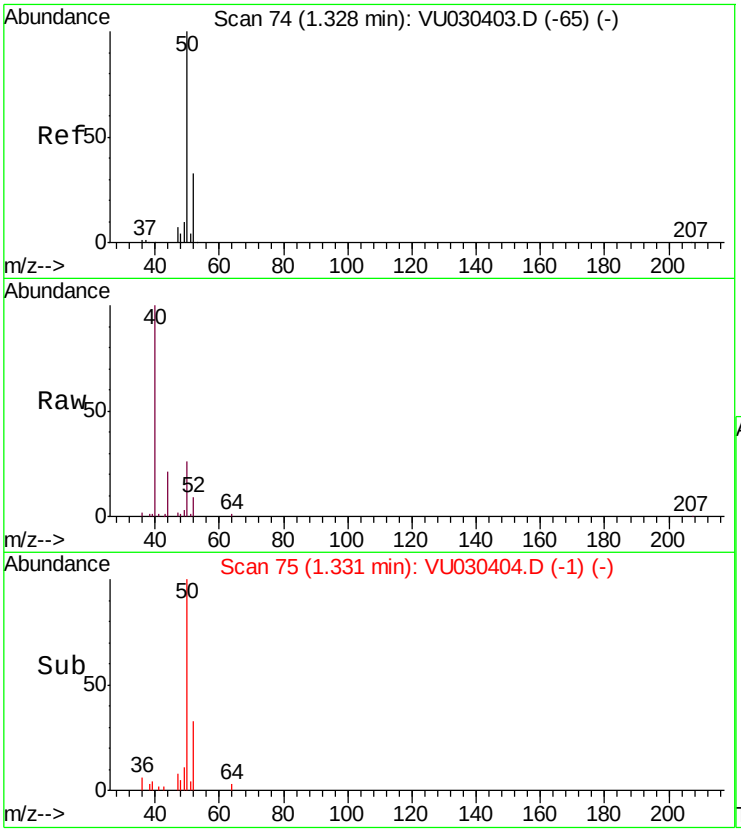
Quantitation Report (Not Reviewed)

Data File : VU030404.D
Acq On : 25 Mar 2019 15:47
Operator : JC/SP
Sample : VU0325MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK54

Quant Time: Mar 26 01:28:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



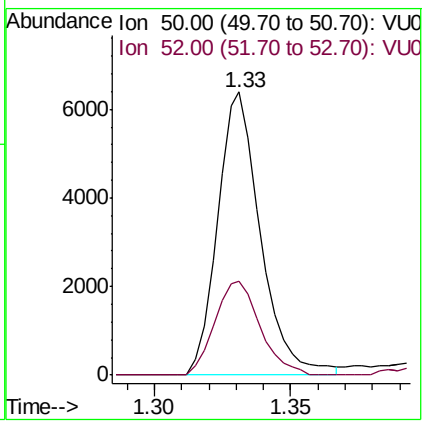


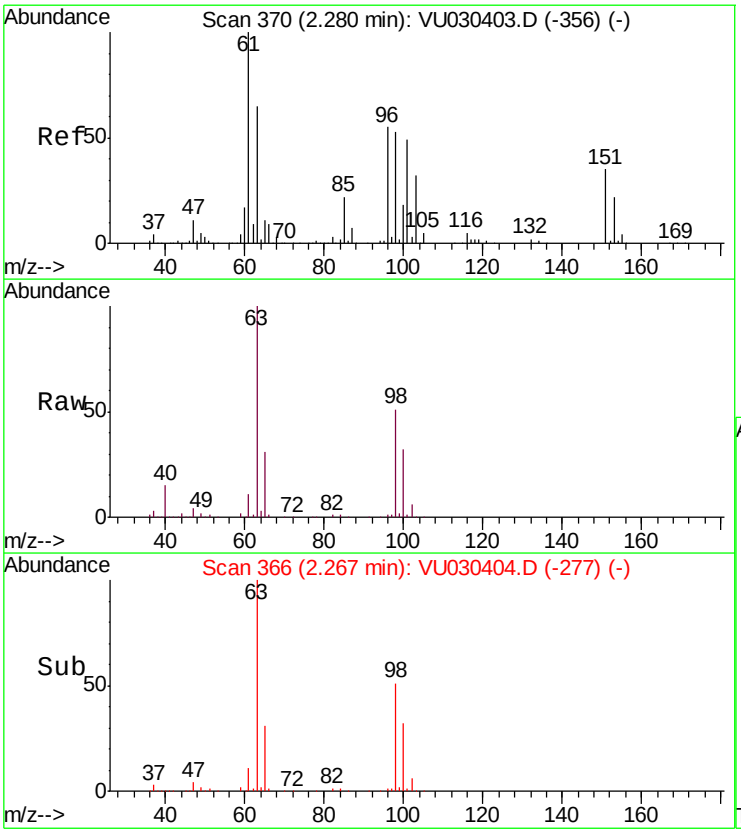
#3
Chloromethane
Concen: 1.249 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion: 50 Resp: 6983

Ion	Ratio	Lower	Upper
50	100		
52	33.3	23.0	42.6

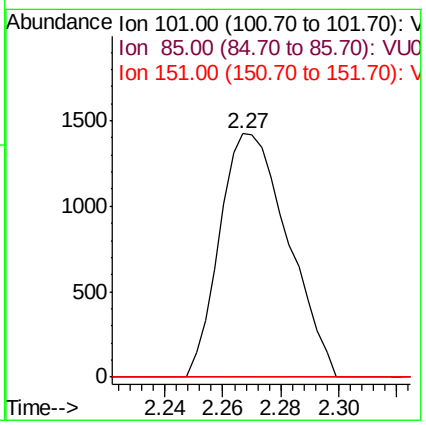


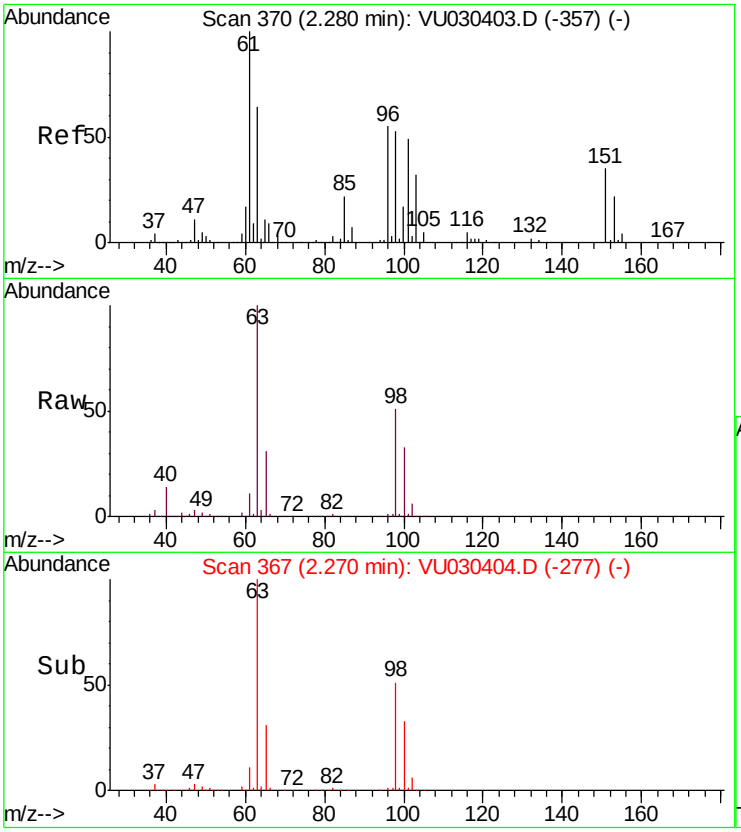


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.702 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion:101 Resp: 2321

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#



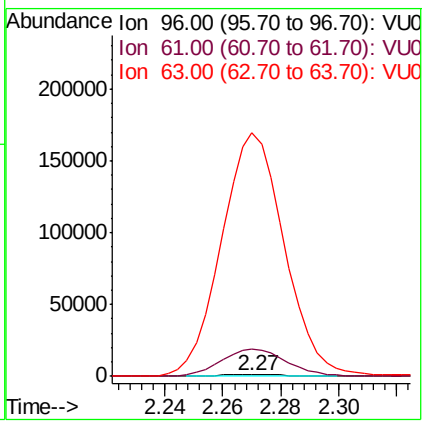


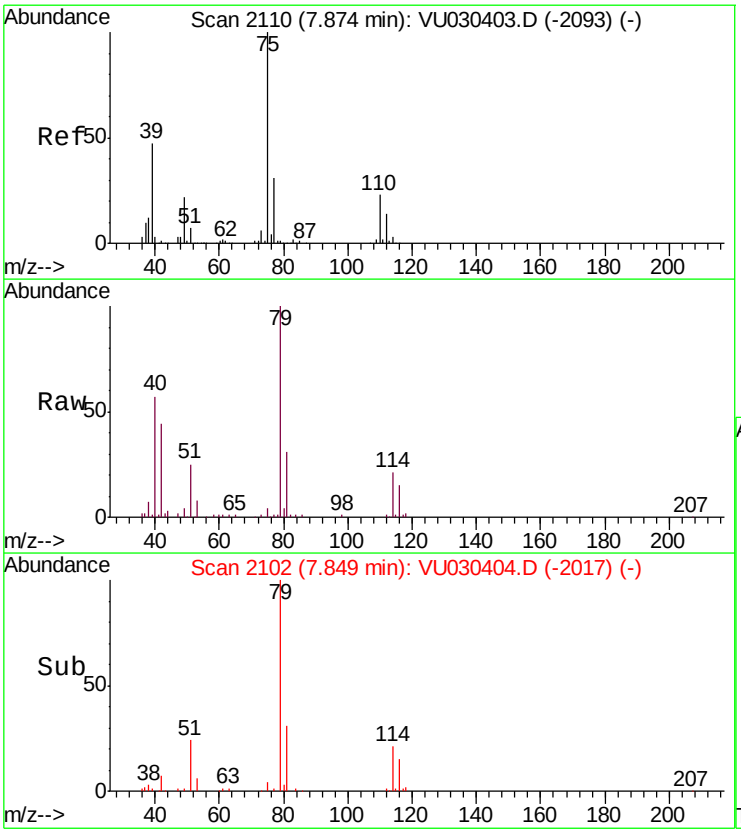
#12
1,1-Dichloroethene
Concen: 0.590 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument : MSVOA_U
ClientSampleId : VBLK54

Tgt Ion: 96 Resp: 1914

Ion	Ratio	Lower	Upper
96	100		
61	1665.2	131.0	243.4#
63	14703.9	92.4	171.6#

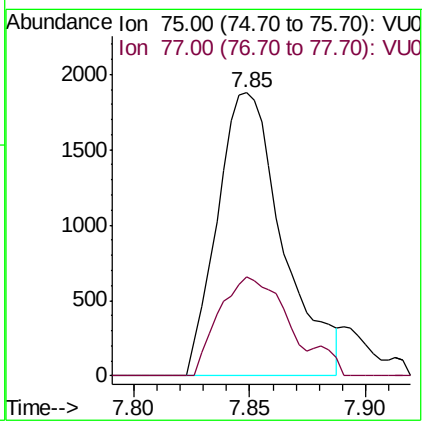


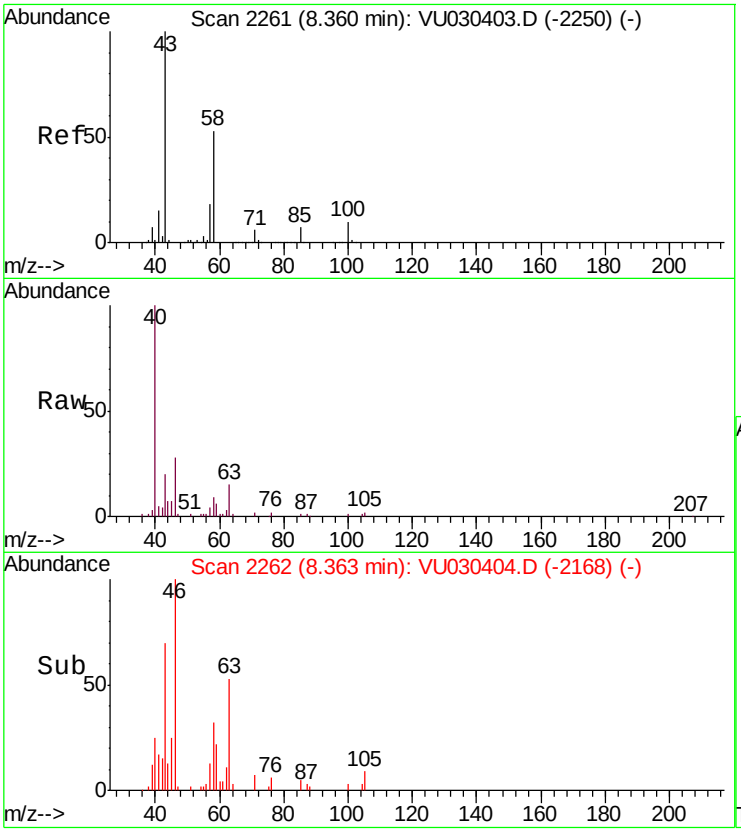


#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion: 75 Resp: 3673

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.0	40.8



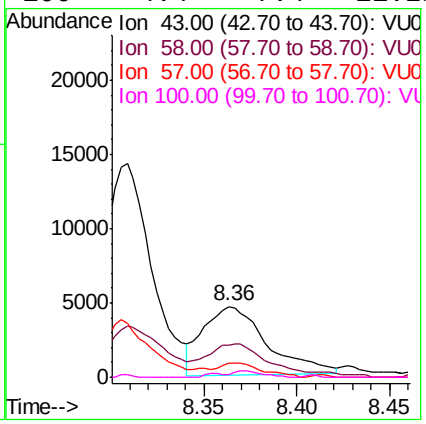


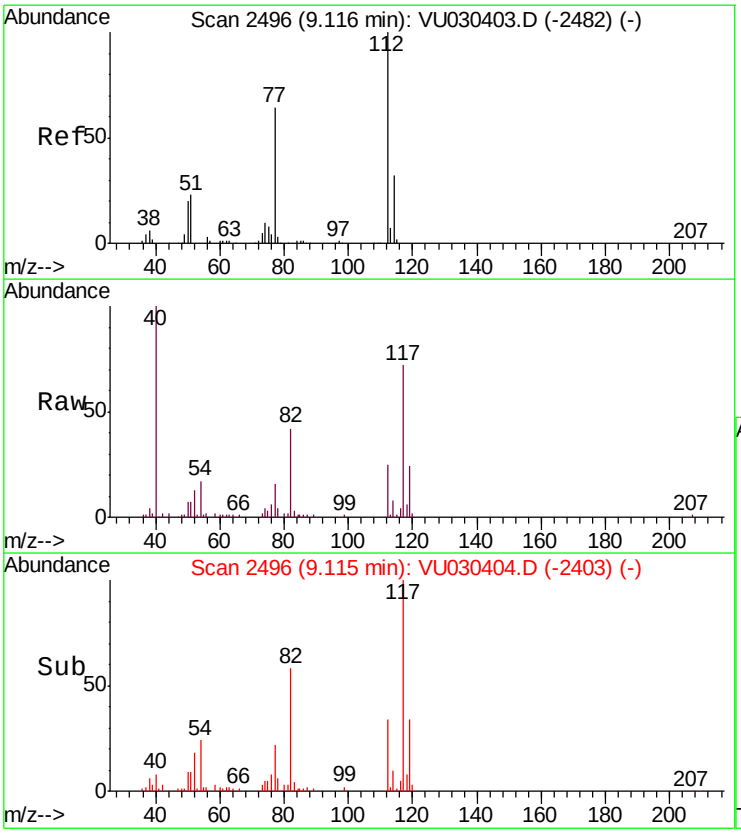
#48
2-Hexanone
Concen: 1.951 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument : MSVOA_U
ClientSampleId : VBLK54

Tgt Ion: 43 Resp: 11082

Ion	Ratio	Lower	Upper
43	100		
58	39.6	42.5	63.7#
57	13.7	15.0	22.6#
100	4.4	7.4	11.2#

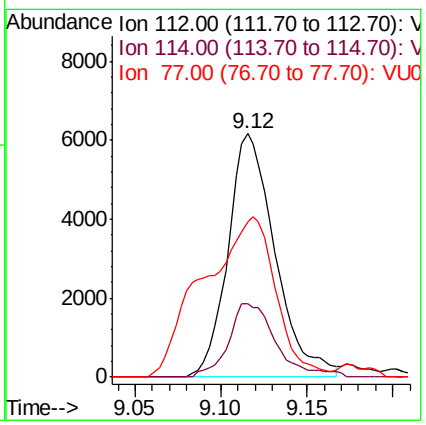


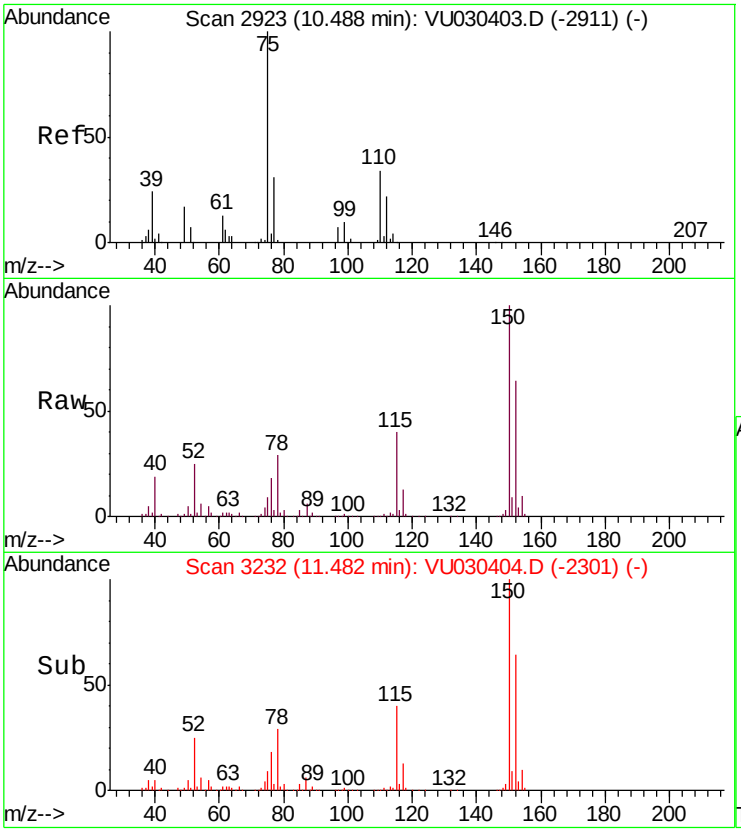


#51
Chlorobenzene
Concen: 1.290 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion:112 Resp: 11796

Ion	Ratio	Lower	Upper
112	100		
114	30.4	21.5	39.9
77	63.8	51.4	77.0



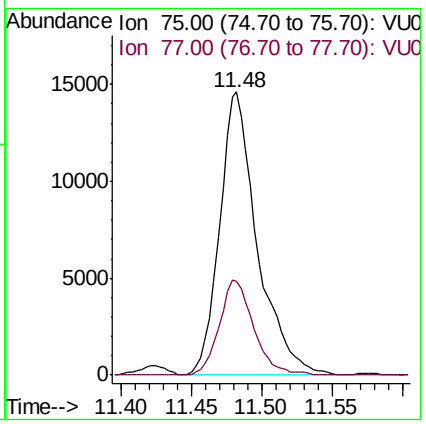


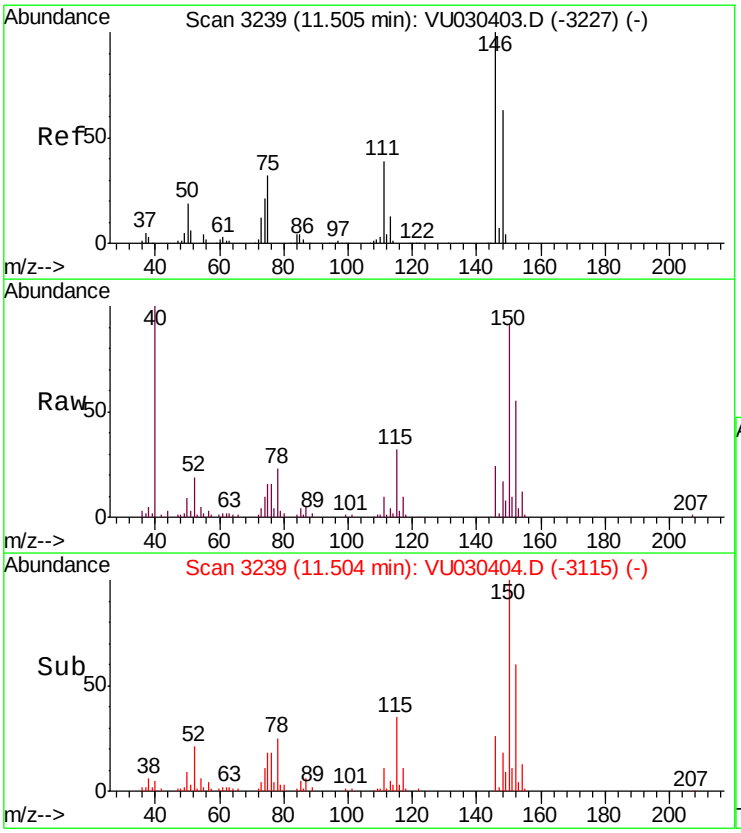
#59
1,2,3-Trichloropropane
Concen: 5.409 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument : MSVOA_U
ClientSampleId : VBLK54

Tgt Ion: 75 Resp: 27167

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.4	38.2

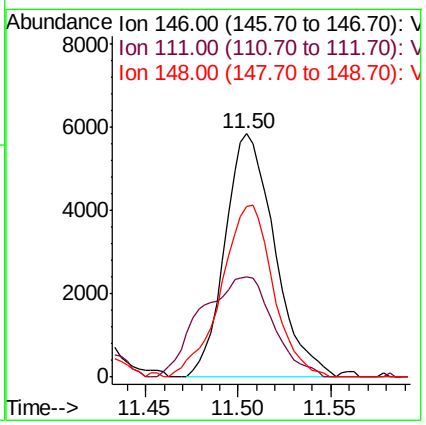


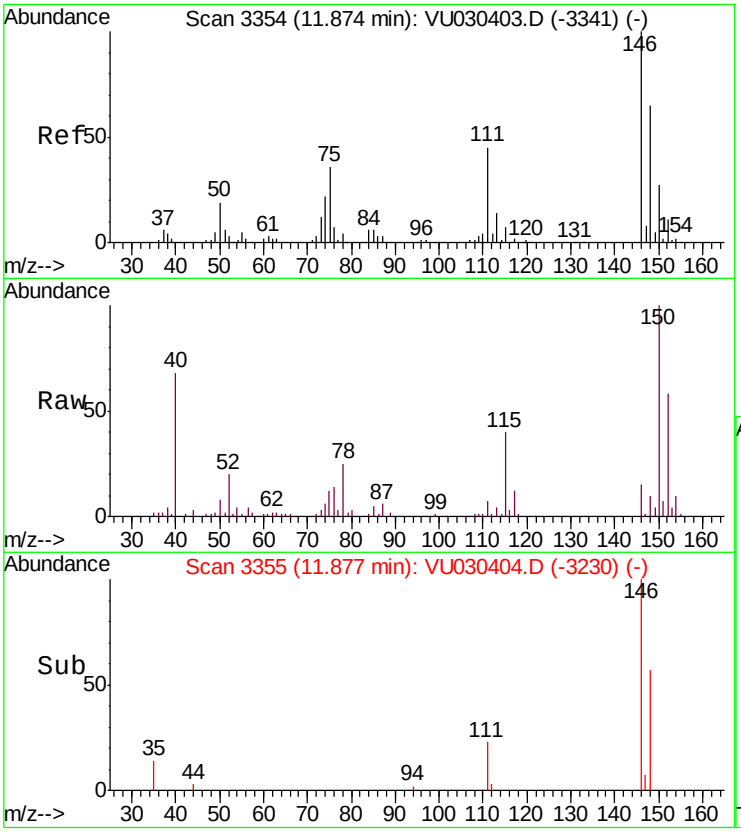


#63
1,4-Dichlorobenzene
Concen: 1.895 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion:146 Resp: 10871

Ion	Ratio	Lower	Upper
146	100		
111	41.4	28.7	53.3
148	69.9	44.3	82.3



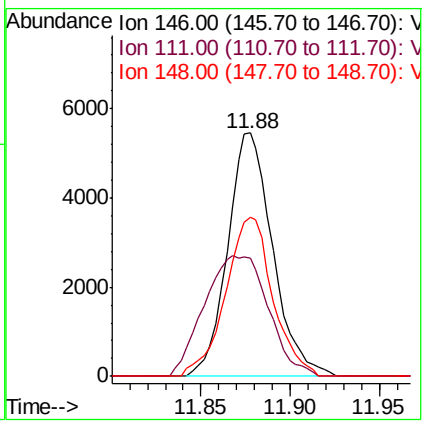


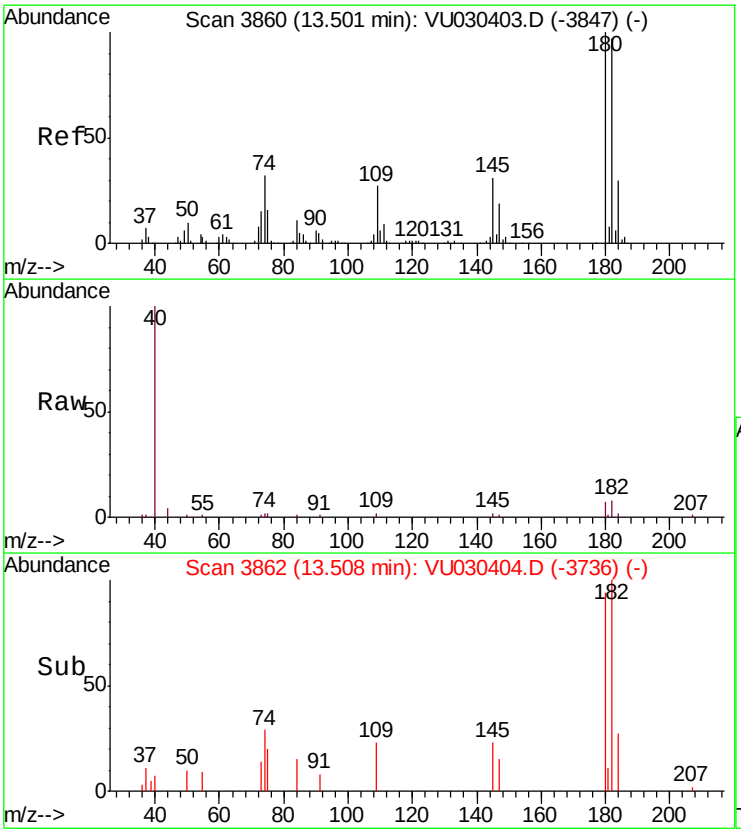
#65
1,2-Dichlorobenzene
Concen: 1.695 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion:146 Resp: 9554

Ion	Ratio	Lower	Upper
146	100		
111	48.3	34.9	52.3
148	65.2	51.2	76.8

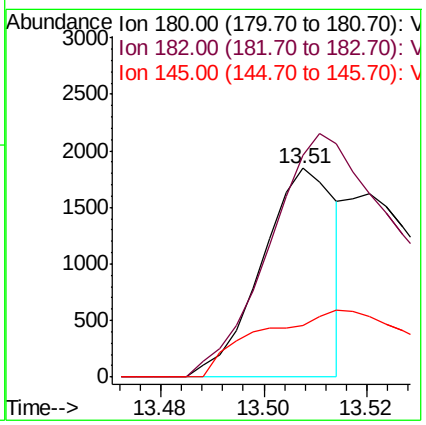


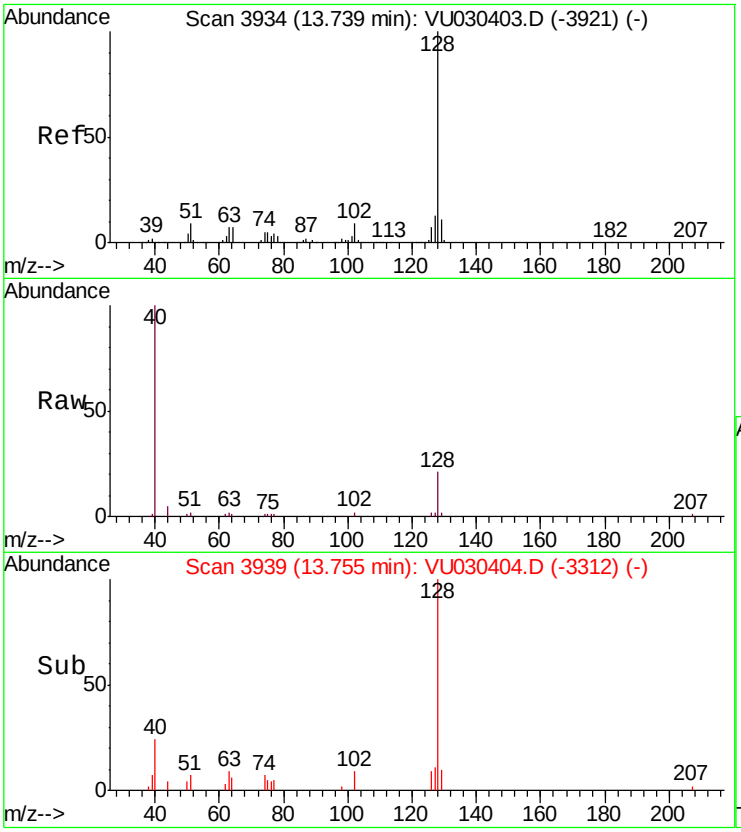


#68
1,2,4-trichlorobenzene
Concen: 0.504 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion:180 Resp: 1828

Ion	Ratio	Lower	Upper
180	100		
182	199.8	76.1	114.1#
145	67.9	24.5	36.7#



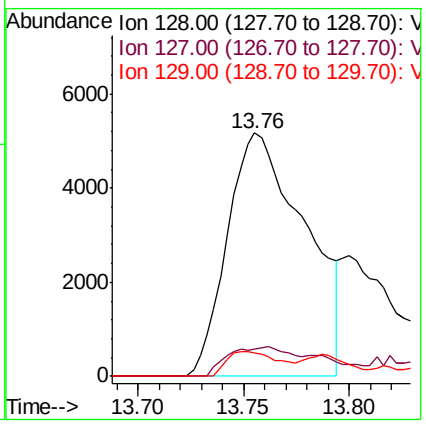


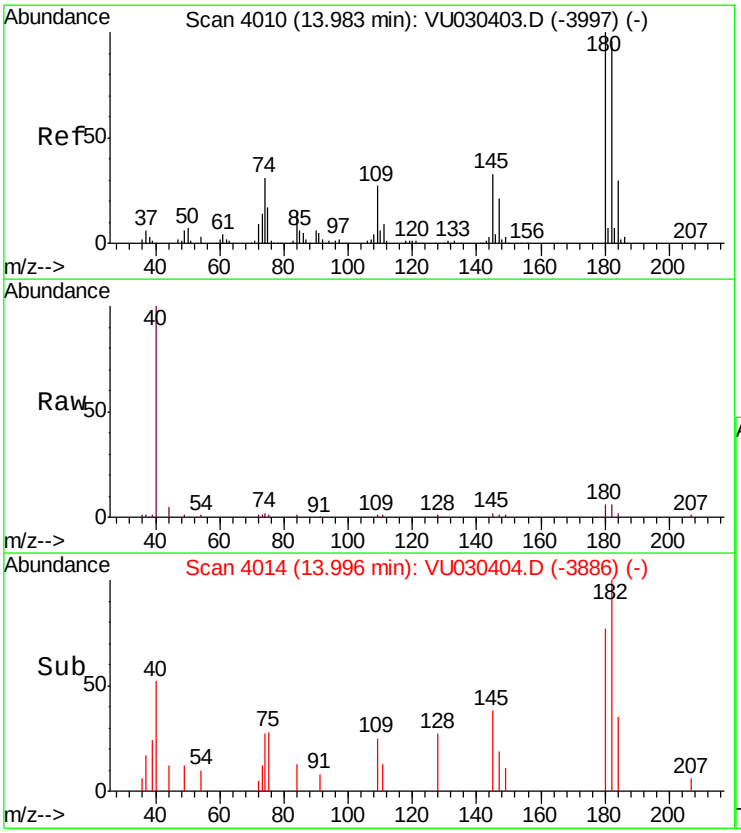
#69
Naphthalene
Concen: 1.028 ug/L
RT: 13.76 min Scan# 3939
Delta R.T. 0.02 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Tgt Ion:128 Resp: 13247

Ion	Ratio	Lower	Upper
128	100		
127	3.8	10.4	15.6#
129	6.9	8.4	12.6#





#70
1,2,3-Trichlorobenzene
Concen: 0.577 ug/L
RT: 14.00 min Scan# 4014
Delta R.T. 0.01 min
Lab File: VU030404.D
Acq: 25 Mar 2019 15:47

Tgt Ion:180 Resp: 2208

Ion	Ratio	Lower	Upper
180	100		
182	174.5	77.4	116.2#
145	51.3	25.9	38.9#