Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026864.D
Acq On : 18 Sep 2018 16:01
Operator : MD/SY
Sample : J4896-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08N1

Quant Time: Sep 19 05:09:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	230373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99697	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	72018	42.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.52%			
7) Chloroethane-d5	1.68	69	66731	45.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.50%			
11) 1,1-Dichloroethene-d2	2.27	63	108629	33.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.38%			
21) 2-Butanone-d5	4.18	46	130366	115.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.28%			
24) Chloroform-d	4.65	84	149670	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%			
26) 1,2-Dichloroethane-d4	5.31	65	100304	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.78%			
32) Benzene-d6	5.34	84	305380	48.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.12%			
36) 1,2-Dichloropropane-d6	6.33	67	101625	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.28%			
41) Toluene-d8	7.57	98	258567	45.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.08%			
43) trans-1,3-Dichloropropene-	7.85	79	41557	45.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.92%			
47) 2-Hexanone-d5	8.31	63	89698	111.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.47%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140606	49.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	111803	53.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.82%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1134	0.837	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	957	0.602	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	823	0.551	ug/L #	1
13) Acetone	2.32	43	874	0.786	ug/L	67
25) Chloroform	4.67	83	2888	0.898	ug/L	90
33) Benzene	5.39	78	74377	10.580	ug/L	100
35) Methylcyclohexane	6.33	83	23443	8.525	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10576	5.477	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2147	0.787	ug/L #	49
48) 2-Hexanone	8.31	43	10567	5.709	ug/L #	68
51) Chlorobenzene	9.12	112	788084	163.262	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	9898	4.279	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	36337	11.956	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	174126	52.031	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	207262	61.589	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	78785	33.499	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	78785	38.874	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026864.D
Acq On : 18 Sep 2018 16:01
Operator : MD/SY
Sample : J4896-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08N1

Quant Time: Sep 19 05:09:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.99	180	21908	9.816	ug/L	98

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

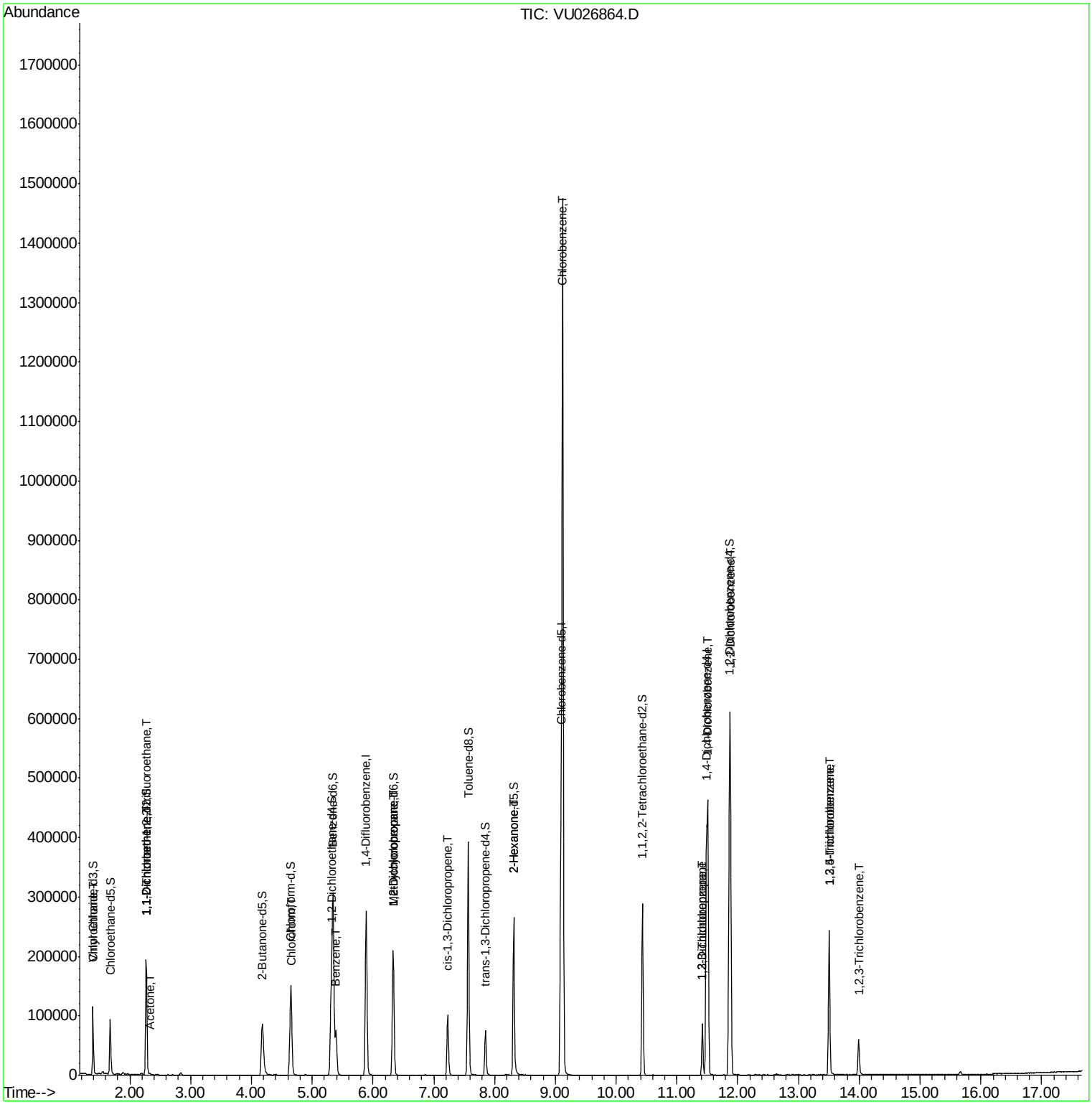
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

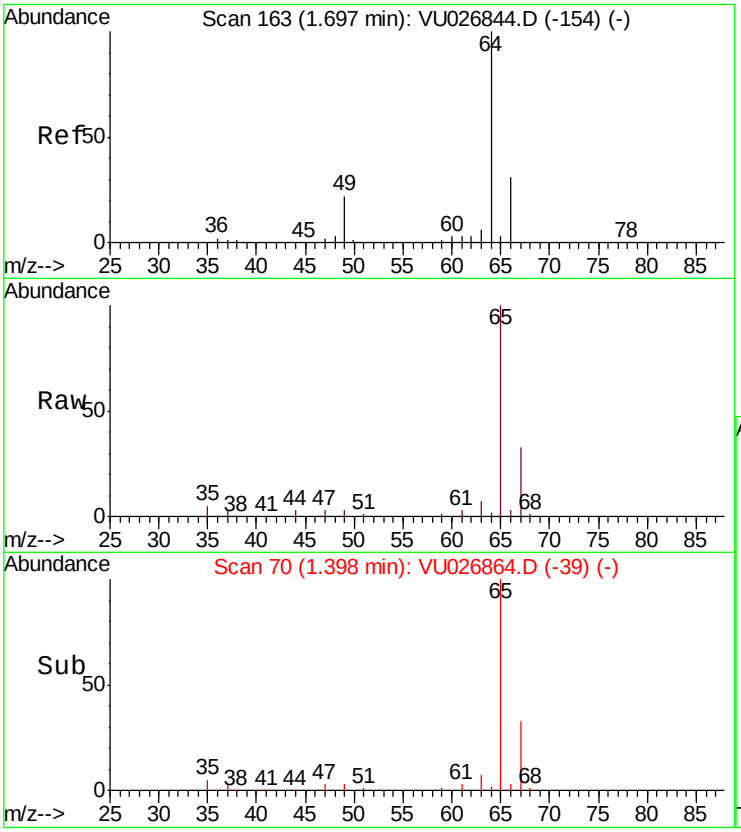
Quantitation Report (Not Reviewed)

Data File : VU026864.D
Acq On : 18 Sep 2018 16:01
Operator : MD/SY
Sample : J4896-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Quant Time: Sep 19 05:09:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration



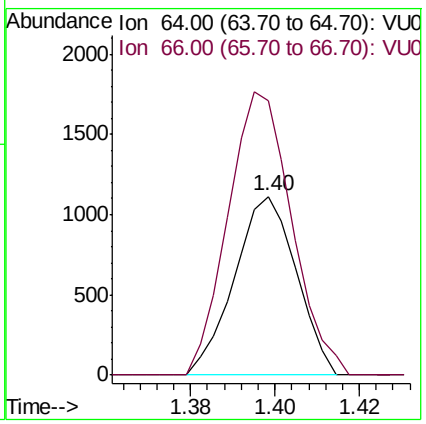


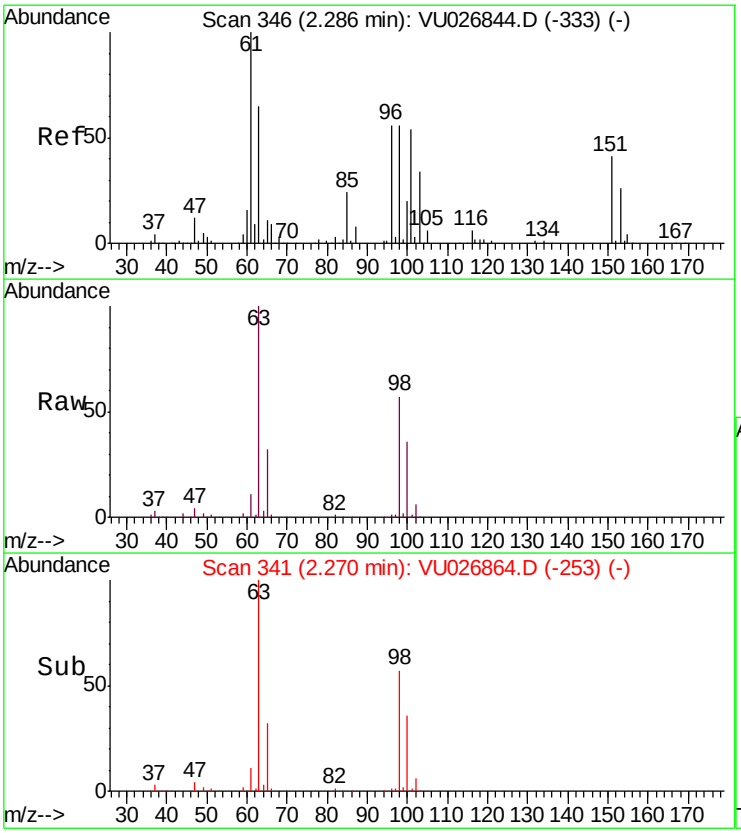
#8
Chloroethane
Concen: 0.837 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion: 64 Resp: 1134

Ion	Ratio	Lower	Upper
64	100		
66	153.5	23.0	42.8#

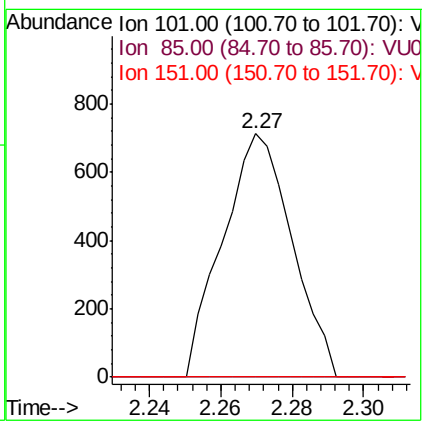


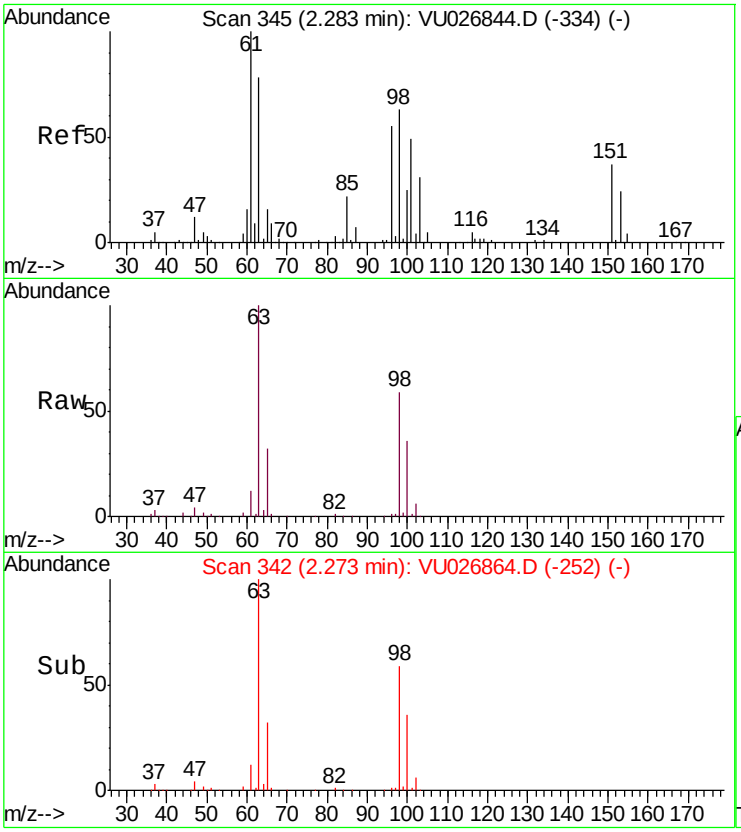


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.602 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion:101 Resp: 957

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.0	94.4#



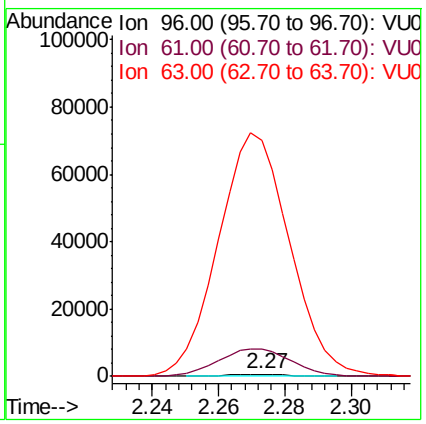


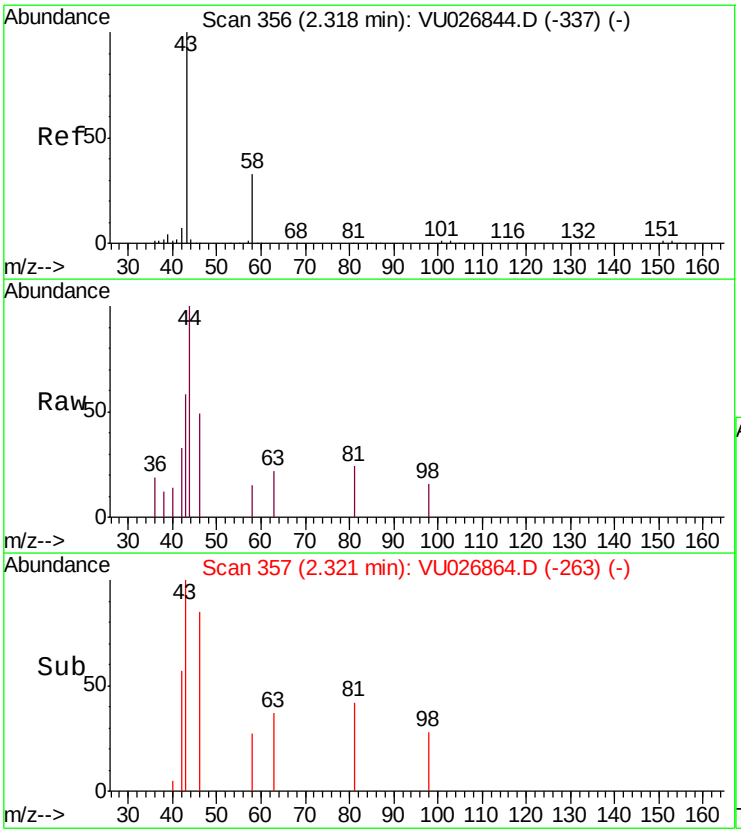
#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument : MSVOA_U
ClientSampleId : C08N1

Tgt Ion: 96 Resp: 823

Ion	Ratio	Lower	Upper
96	100		
61	1383.1	124.0	230.4#
63	11961.8	97.7	181.5#

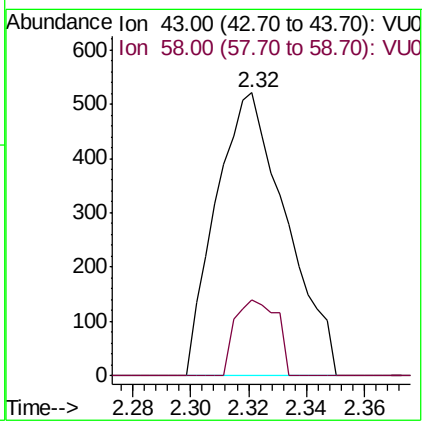


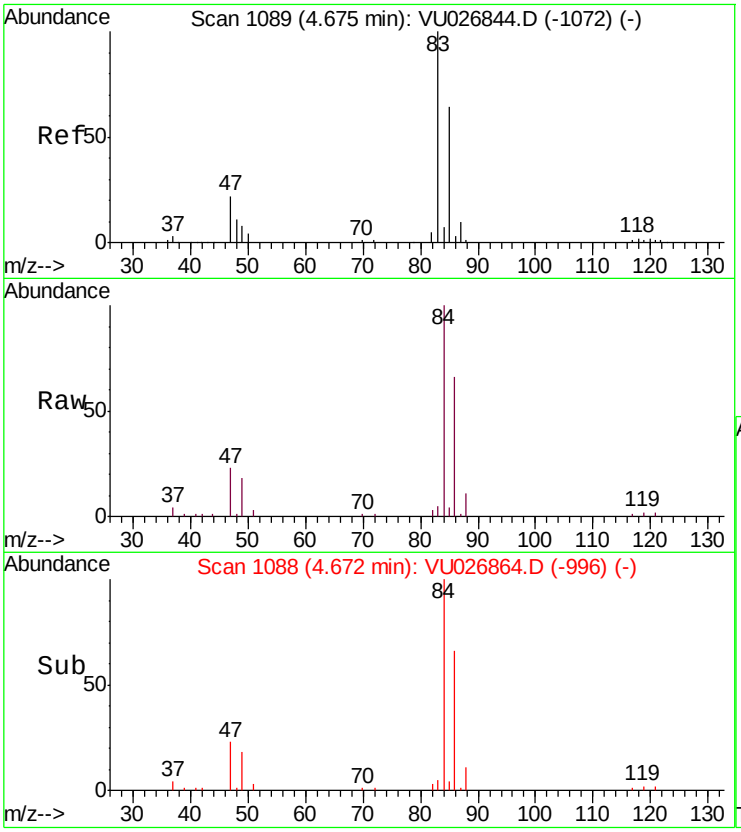


#13
Acetone
Concen: 0.786 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion: 43 Resp: 874

Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	64.6



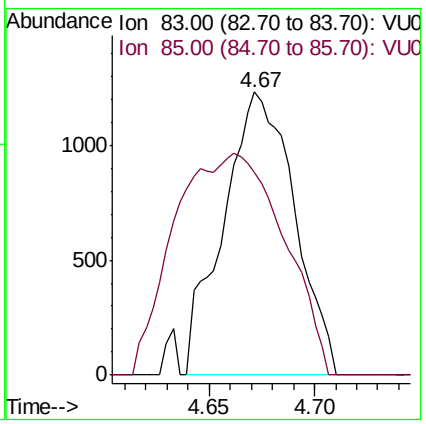


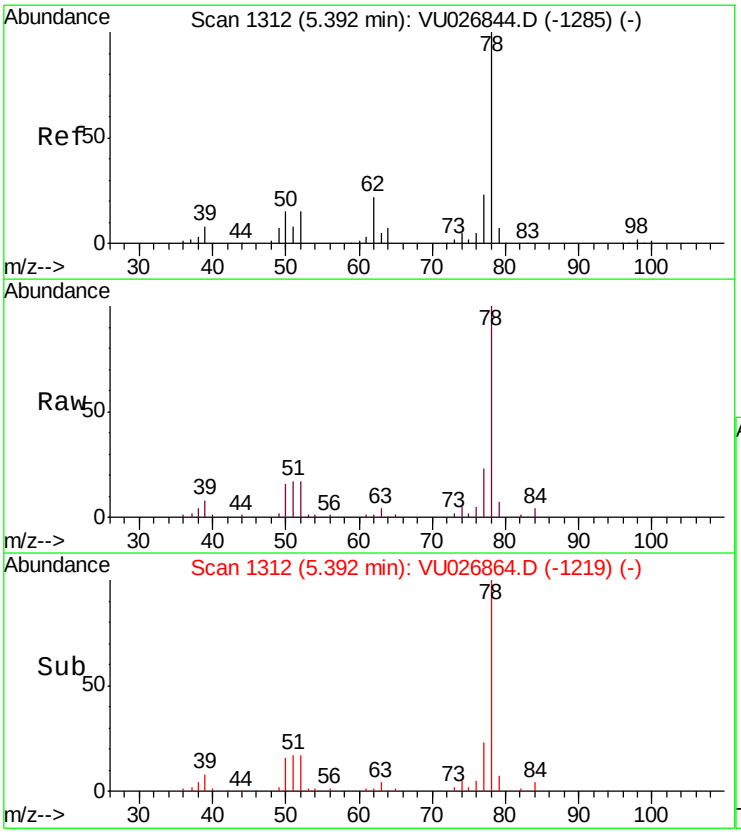
#25
Chloroform
Concen: 0.898 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion: 83 Resp: 2888

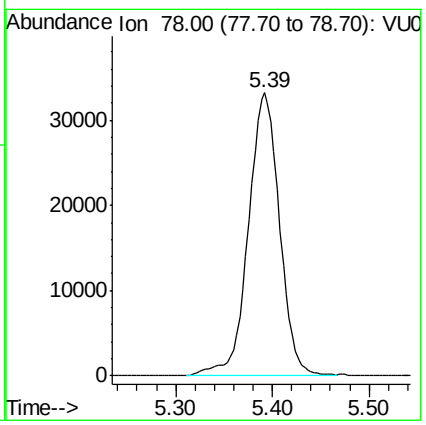
Ion	Ratio	Lower	Upper
83	100		
85	71.6	44.4	82.5

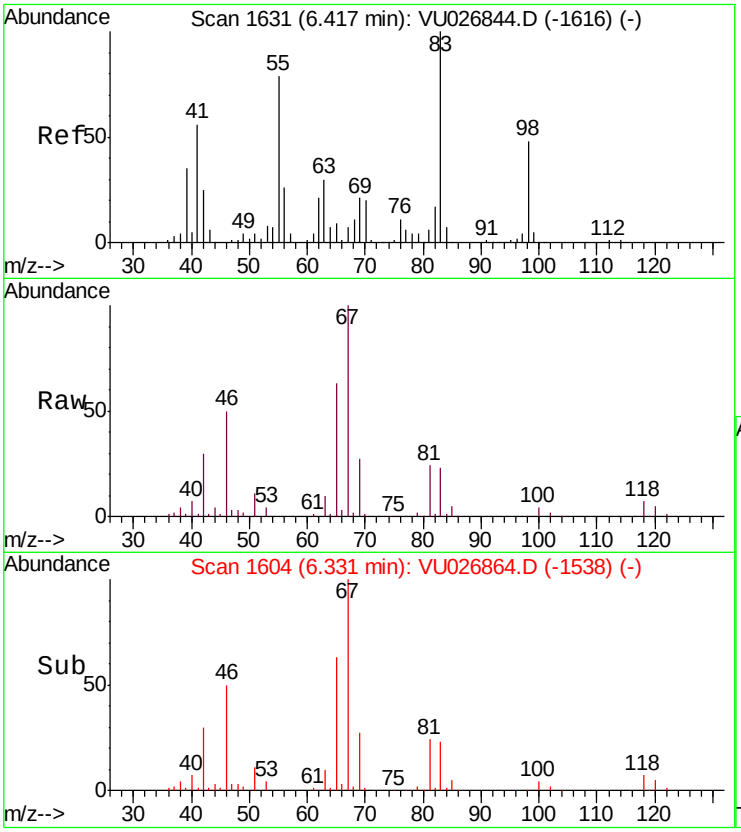




#33
Benzene
Concen: 10.580 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion: 78 Resp: 74377



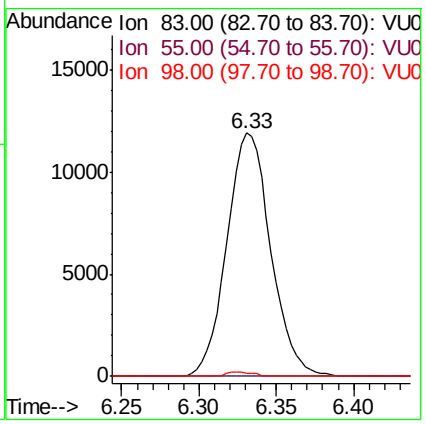


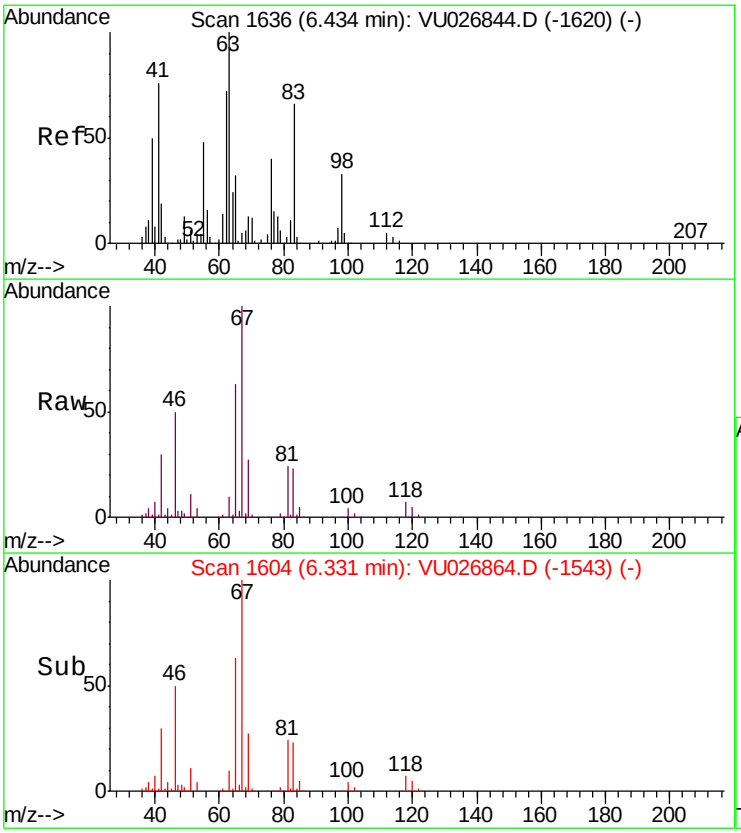
#35
Methylcyclohexane
Concen: 8.525 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion: 83 Resp: 23443

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	0.9	38.3	57.5#

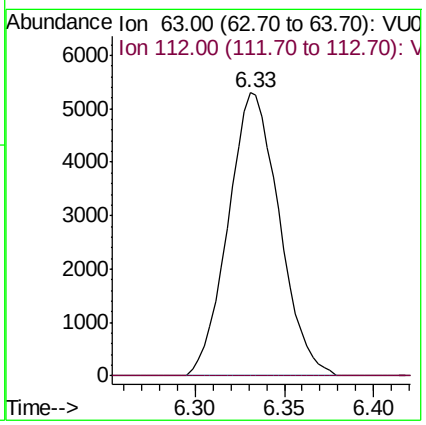


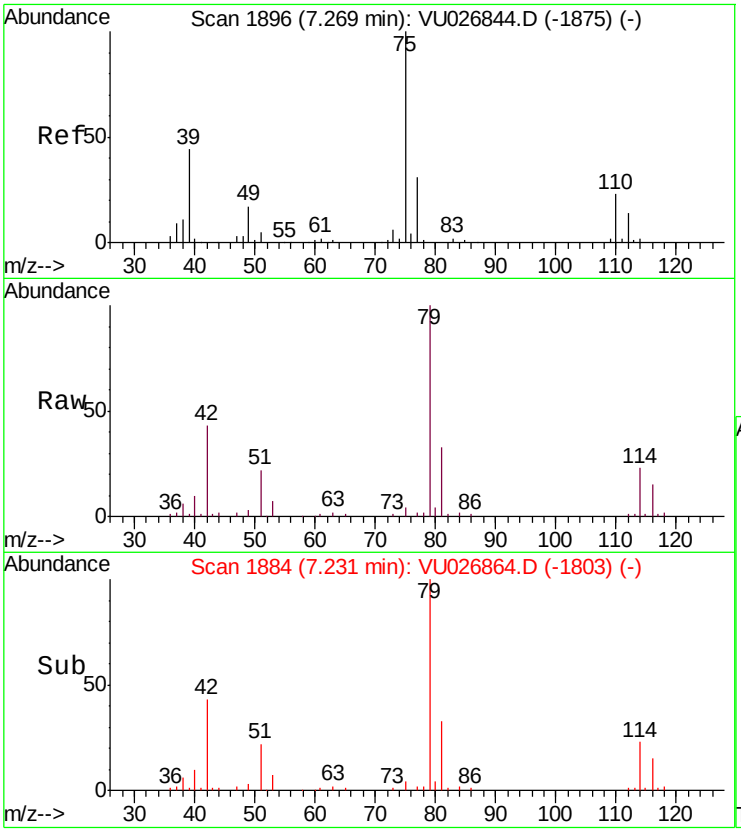


#37
1,2-Dichloropropane
Concen: 5.477 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion: 63 Resp: 10576

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



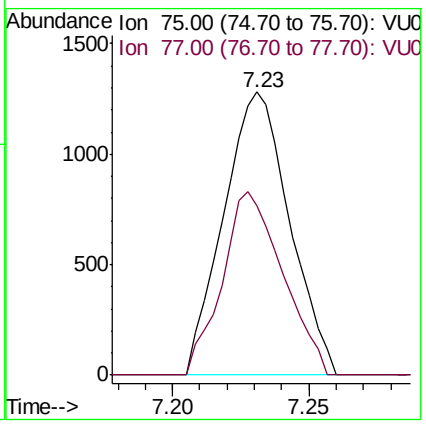


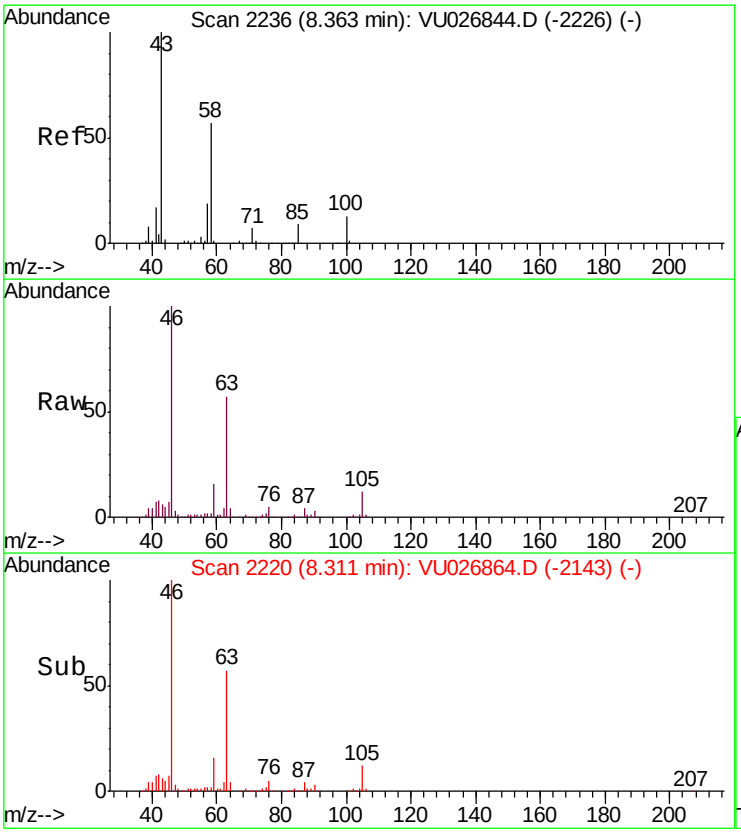
#39
cis-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion: 75 Resp: 2147

Ion	Ratio	Lower	Upper
75	100		
77	60.0	22.1	41.1#

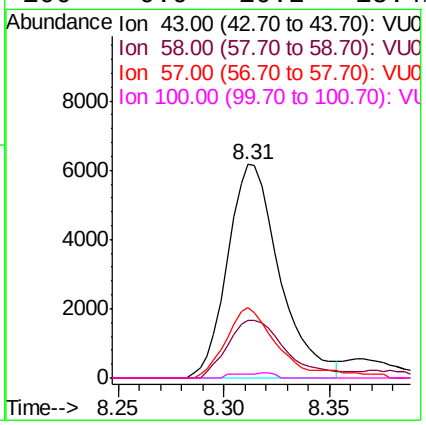


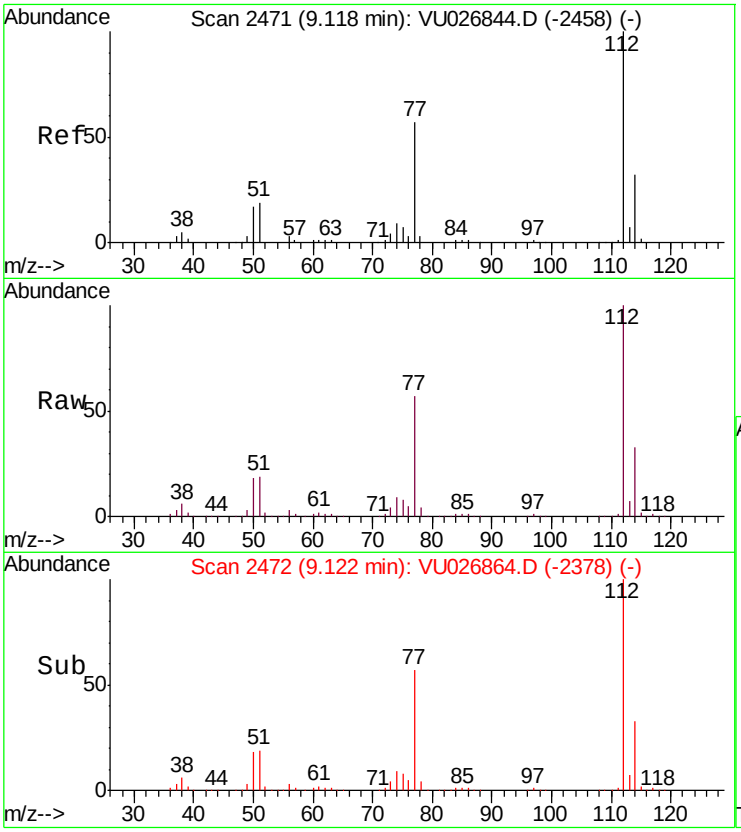


#48
2-Hexanone
Concen: 5.709 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion: 43 Resp: 10567

Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.9	67.3#
57	30.8	15.4	23.2#
100	0.9	10.2	15.4#



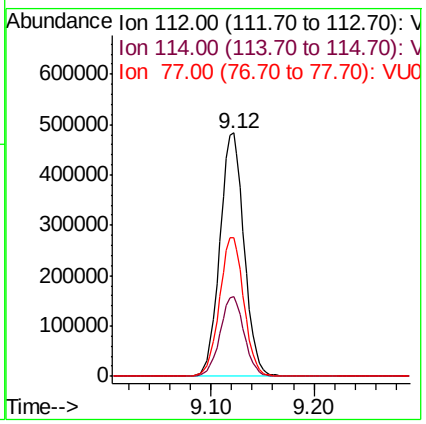


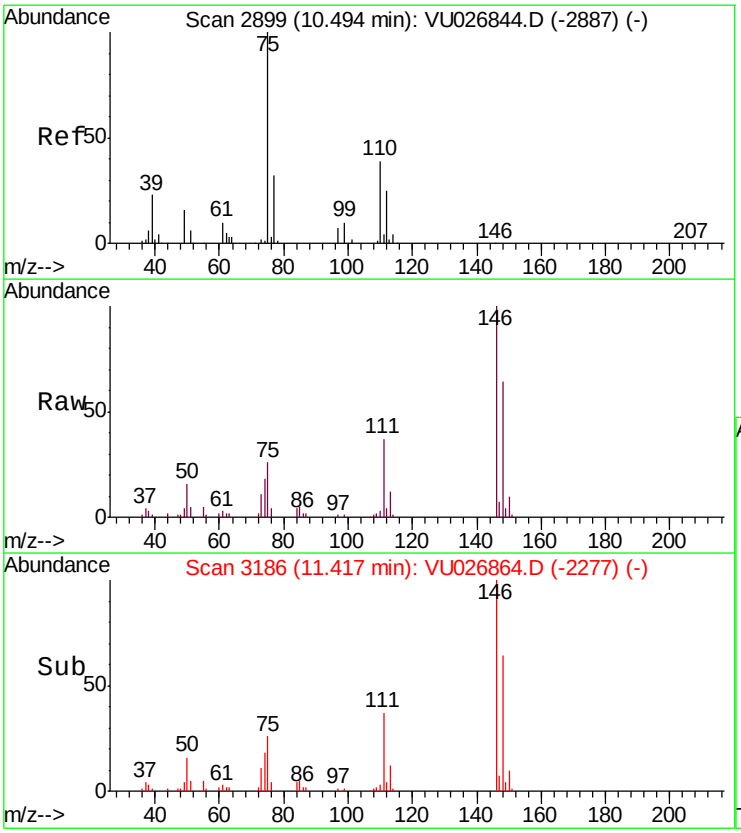
#51
Chlorobenzene
Concen: 163.262 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion:112 Resp: 788084

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	57.2	45.1	67.7

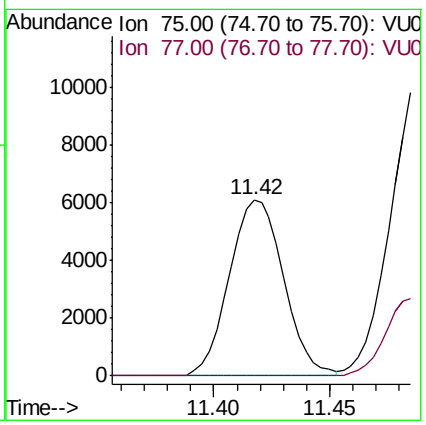


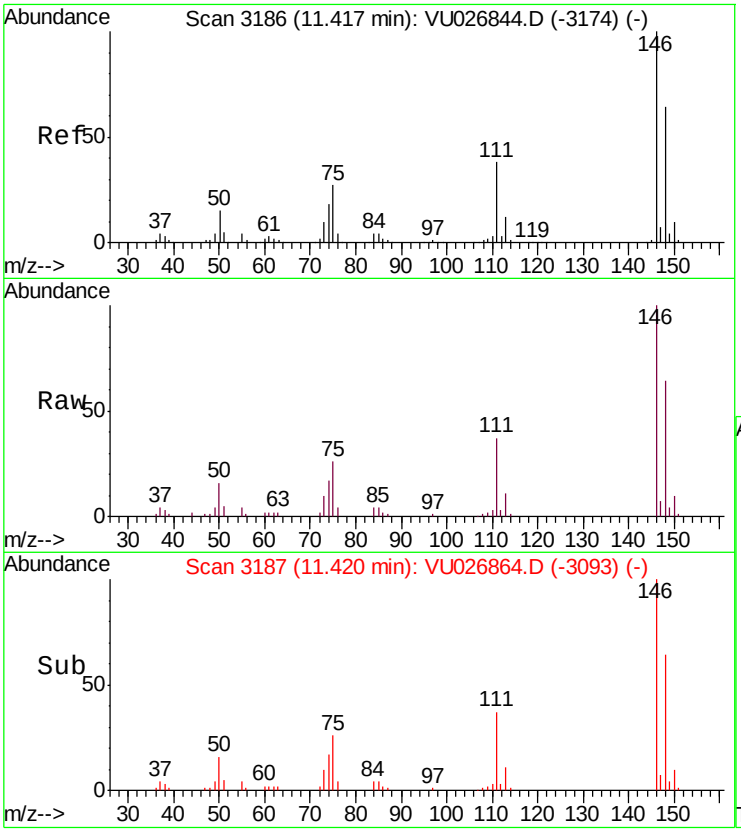


#59
1,2,3-Trichloropropane
Concen: 4.279 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.92 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion: 75 Resp: 9898

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#



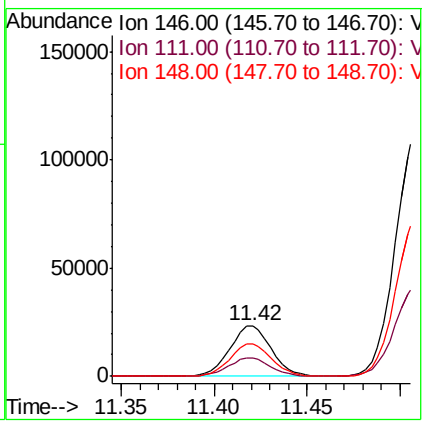


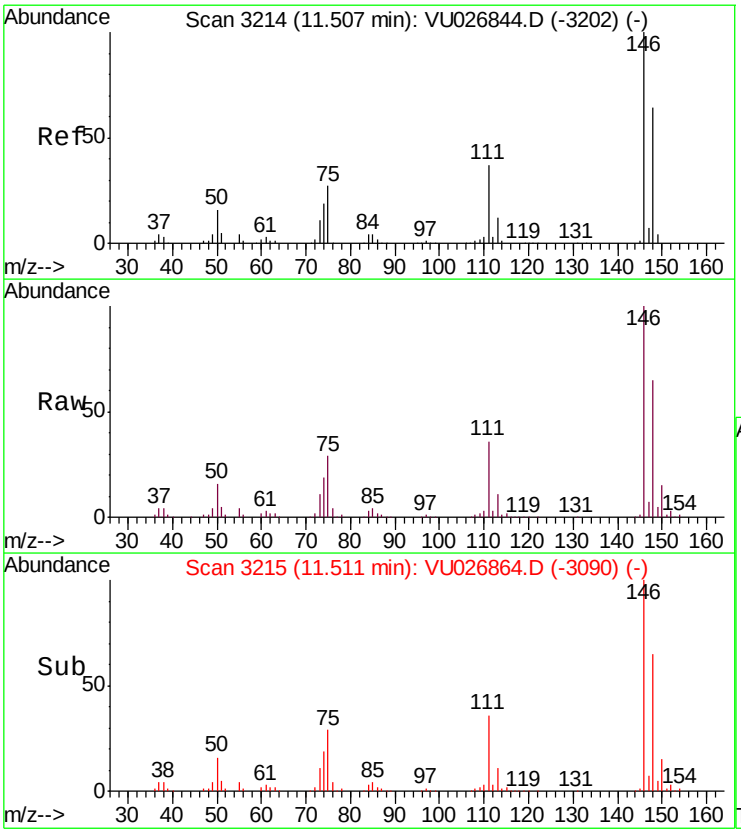
#62
1,3-Dichlorobenzene
Concen: 11.956 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion:146 Resp: 36337

Ion	Ratio	Lower	Upper
146	100		
111	36.6	26.7	49.7
148	63.9	44.9	83.5

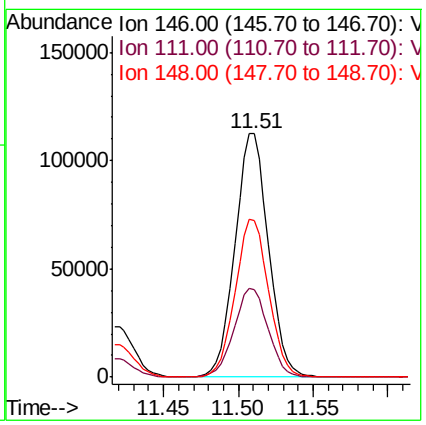


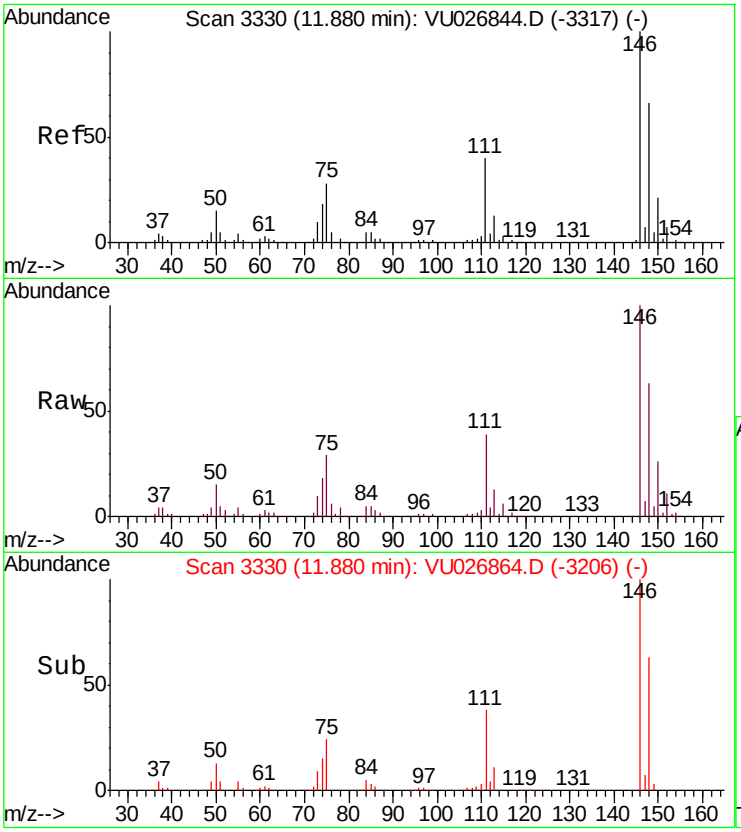


#63
1,4-Dichlorobenzene
Concen: 52.031 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion:146 Resp: 174126

Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.0	48.2
148	64.5	45.8	85.2



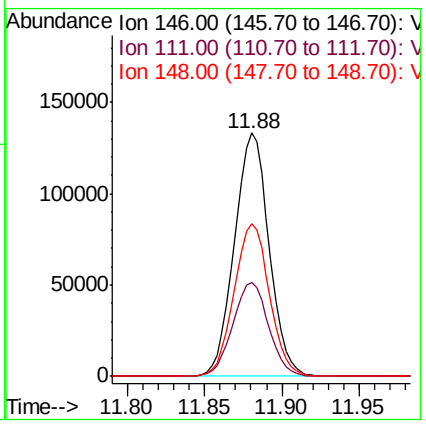


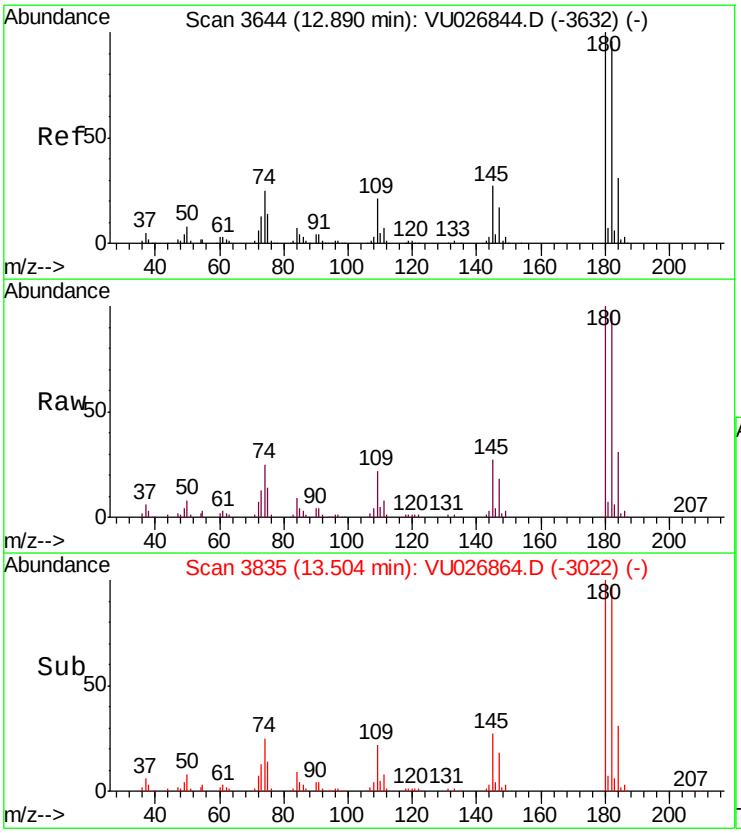
#65
1,2-Dichlorobenzene
Concen: 61.589 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument : MSVOA_U
ClientSampleId : C08N1

Tgt Ion:146 Resp: 207262

Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.4	47.0
148	62.8	51.4	77.2

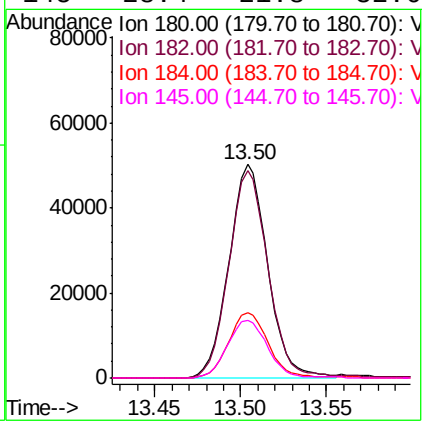


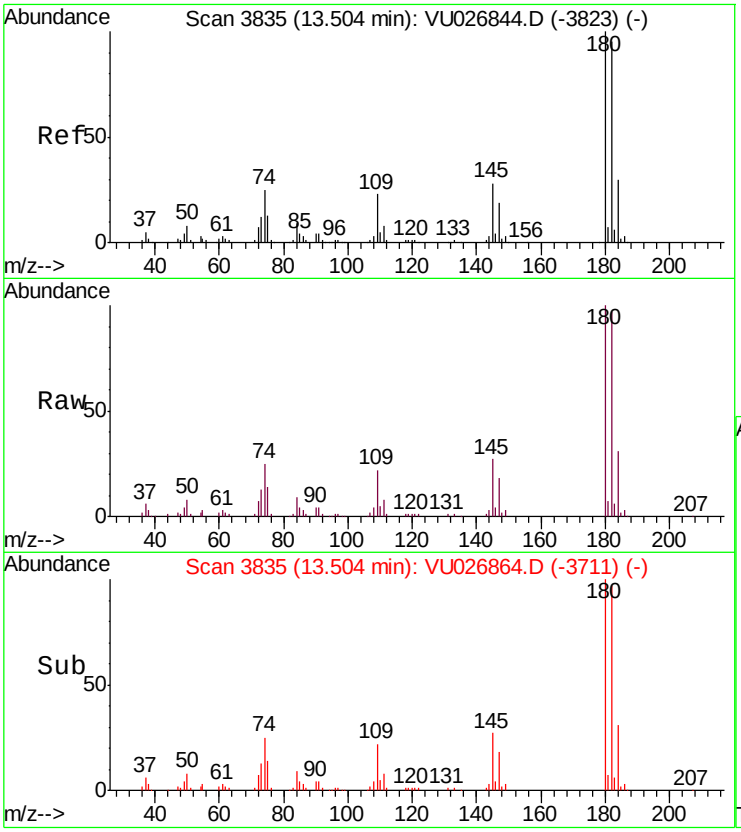


#67
1,3,5-Trichlorobenzene
Concen: 33.499 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.61 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion:180 Resp: 78785

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.7	115.1
184	31.0	24.2	36.4
145	28.4	21.8	32.6



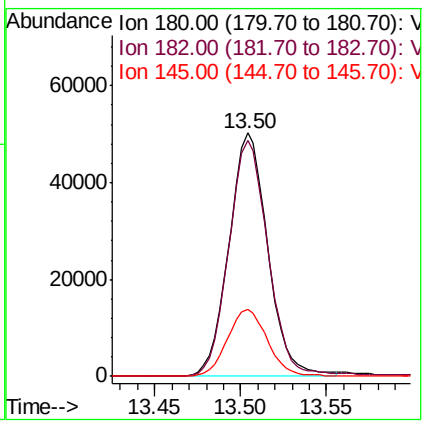


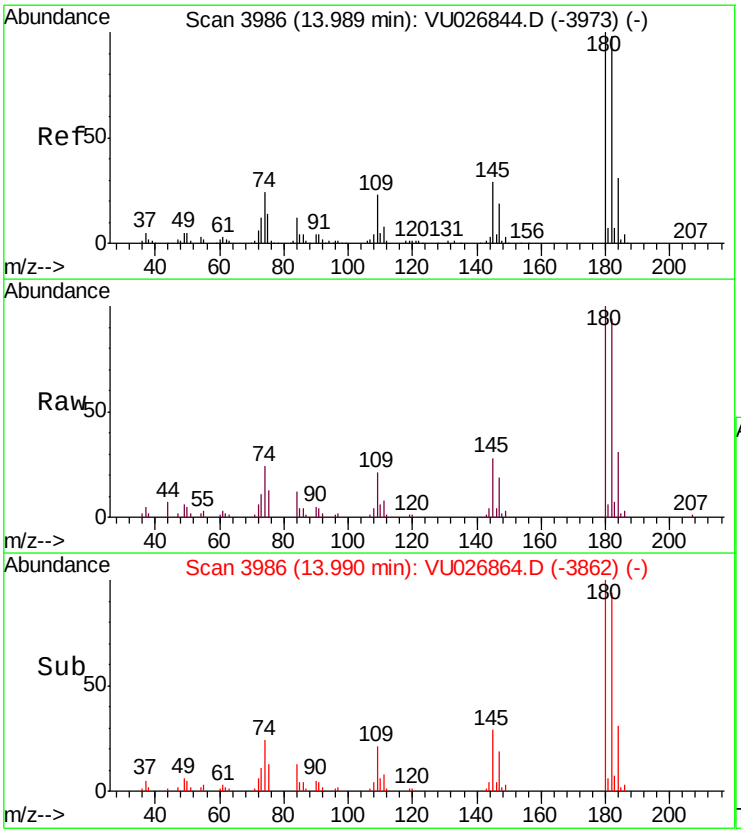
#68
1,2,4-trichlorobenzene
Concen: 38.874 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
C08N1

Tgt Ion:180 Resp: 78785

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	28.4	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 9.816 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026864.D
Acq: 18 Sep 2018 16:01

Tgt Ion:180 Resp: 21908

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.6	113.4
145	28.0	23.8	35.6