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

Quantitation Report (Not Reviewed)

Data File : VU026859.D
Acq On : 18 Sep 2018 14:04
Operator : MD/SY
Sample : J4896-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L4

Quant Time: Sep 19 05:08:10 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	243242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	231869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95512	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79989	44.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.90%			
7) Chloroethane-d5	1.68	69	72142	46.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.68%			
11) 1,1-Dichloroethene-d2	2.27	63	118484	34.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.60%			
21) 2-Butanone-d5	4.18	46	137611	115.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.24%			
24) Chloroform-d	4.65	84	157225	47.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.22%			
26) 1,2-Dichloroethane-d4	5.31	65	106381	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.24%			
32) Benzene-d6	5.34	84	329866	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.52%			
36) 1,2-Dichloropropane-d6	6.33	67	107250	51.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.44%			
41) Toluene-d8	7.57	98	277192	47.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.44%			
43) trans-1,3-Dichloropropene-	7.85	79	45419	48.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.18%			
47) 2-Hexanone-d5	8.31	63	95826	116.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.45%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147835	50.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	110197	55.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.92%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1210	0.846	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1099	0.654	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	903	0.572	ug/L #	1
25) Chloroform	4.67	83	4303	1.268	ug/L	98
33) Benzene	5.39	78	10009	1.392	ug/L	100
37) 1,2-Dichloropropane	6.33	63	11322	5.733	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2418	0.867	ug/L #	57
40) 4-Methyl-2-pentanone	7.57	43	1156	0.493	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1926	0.737	ug/L	98
48) 2-Hexanone	8.31	43	11397	6.021	ug/L #	66
51) Chlorobenzene	9.12	112	46024	9.324	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	16271	6.879	ug/L	89
62) 1,3-Dichlorobenzene	11.42	146	2279	0.783	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	19117	5.963	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	66916	20.756	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	8445	3.748	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	8445	4.349	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : VU026859.D
Acq On : 18 Sep 2018 14:04
Operator : MD/SY
Sample : J4896-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L4

Quant Time: Sep 19 05:08:10 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	2925	1.368	ug/L	#	92

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

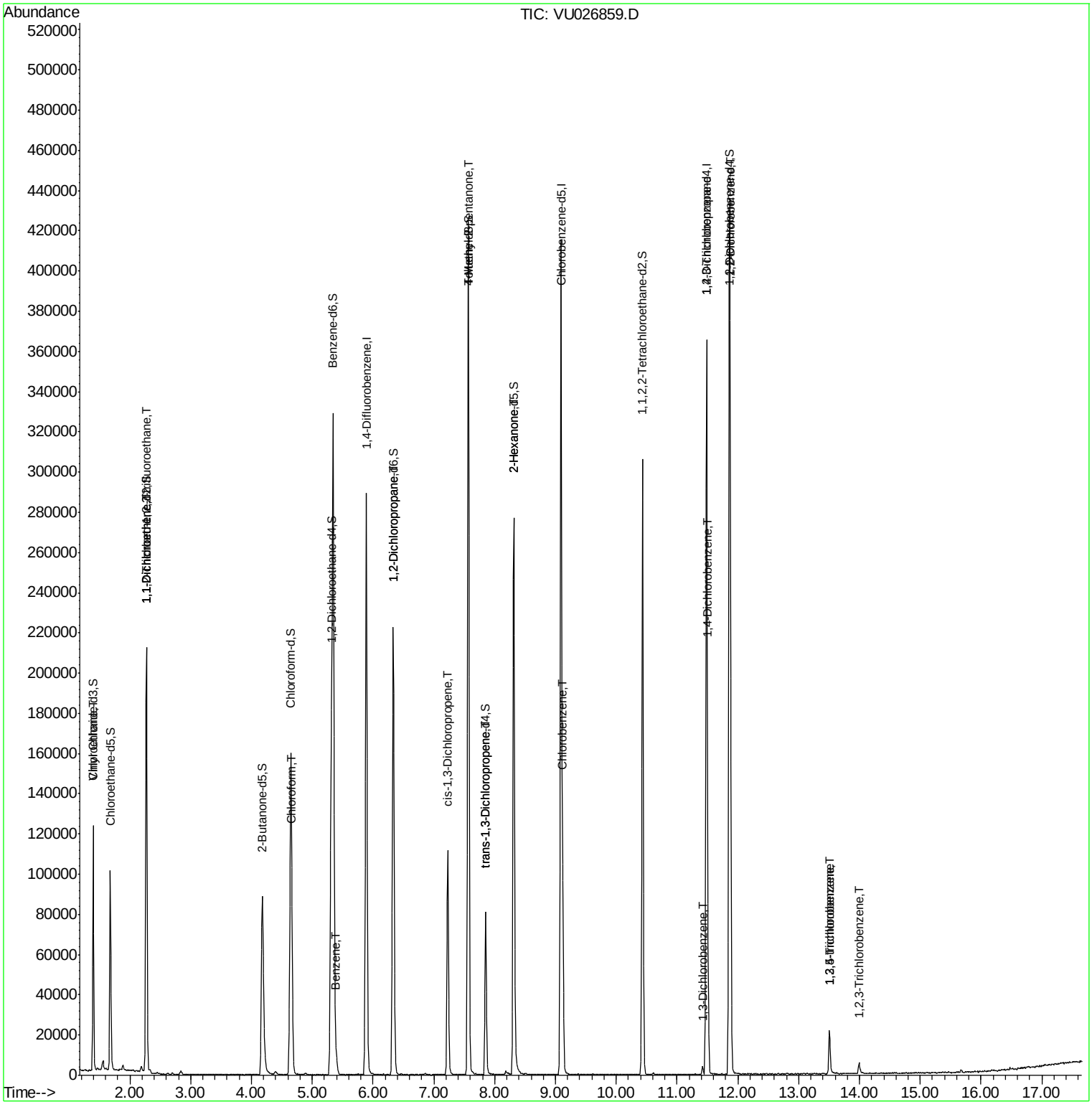
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

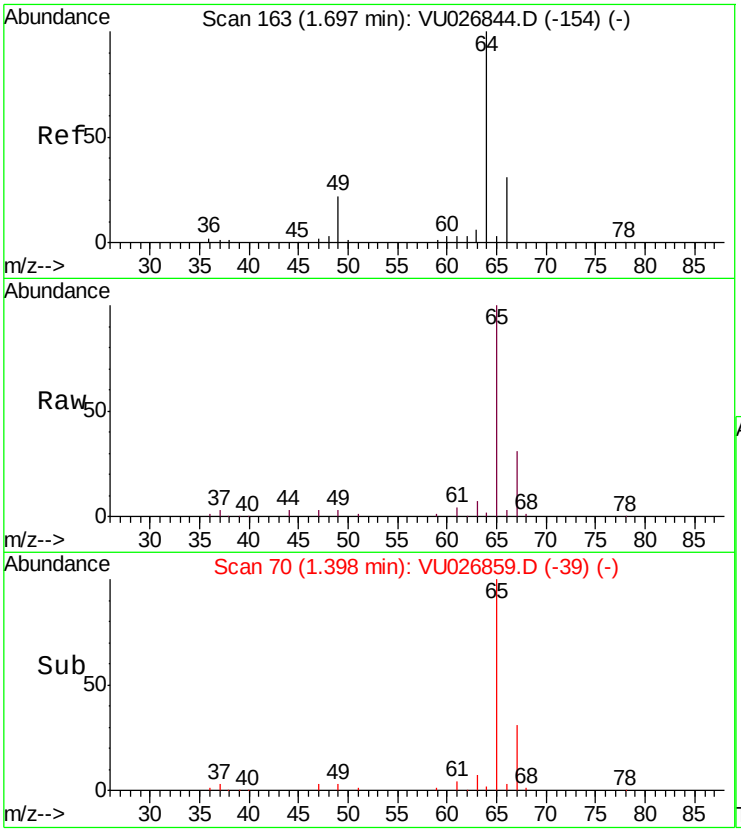
Quantitation Report (Not Reviewed)

Data File : VU026859.D
Acq On : 18 Sep 2018 14:04
Operator : MD/SY
Sample : J4896-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Quant Time: Sep 19 05:08:10 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



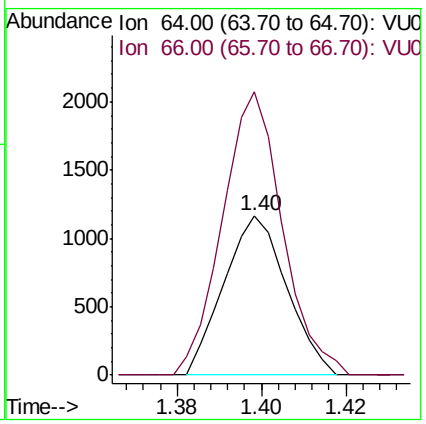


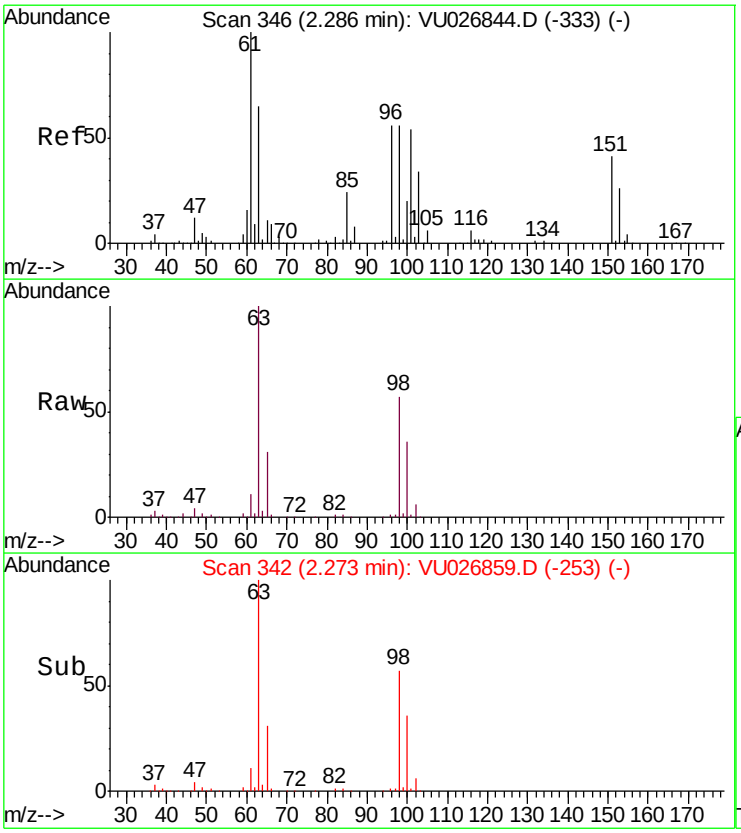
#8
Chloroethane
Concen: 0.846 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion: 64 Resp: 1210

Ion	Ratio	Lower	Upper
64	100		
66	177.8	23.0	42.8#

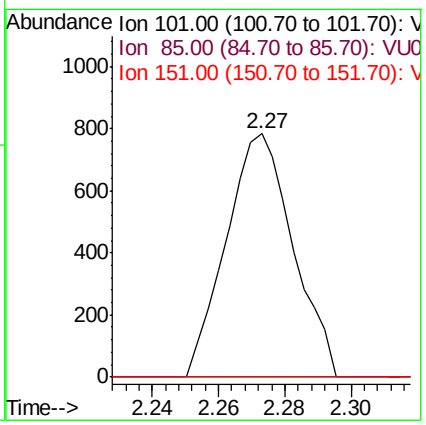


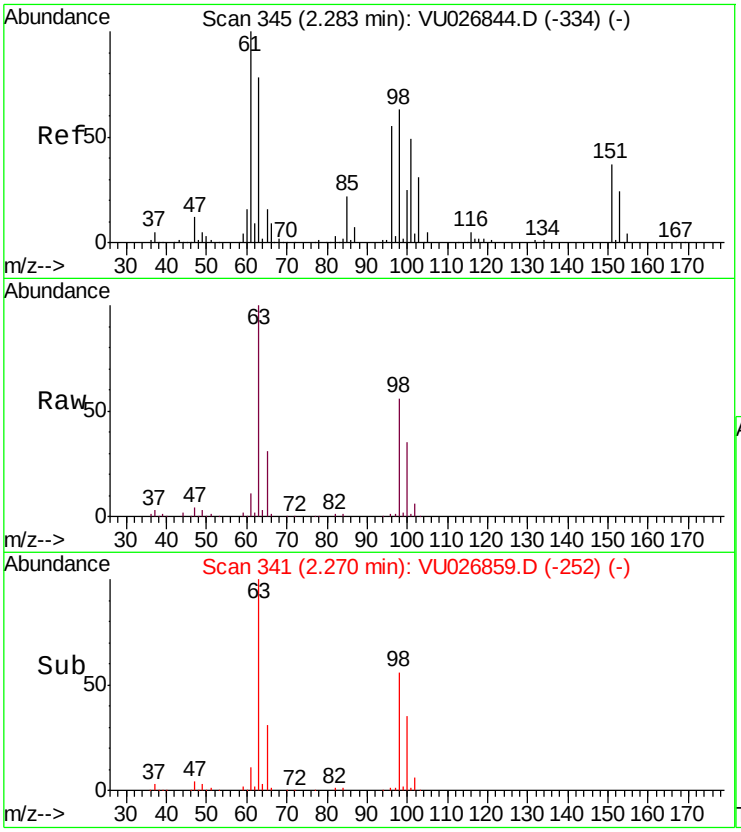


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.654 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion:101 Resp: 1099

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



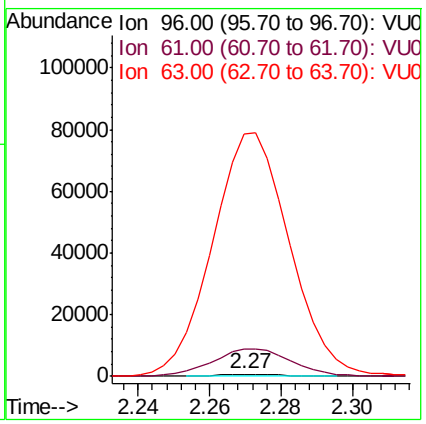


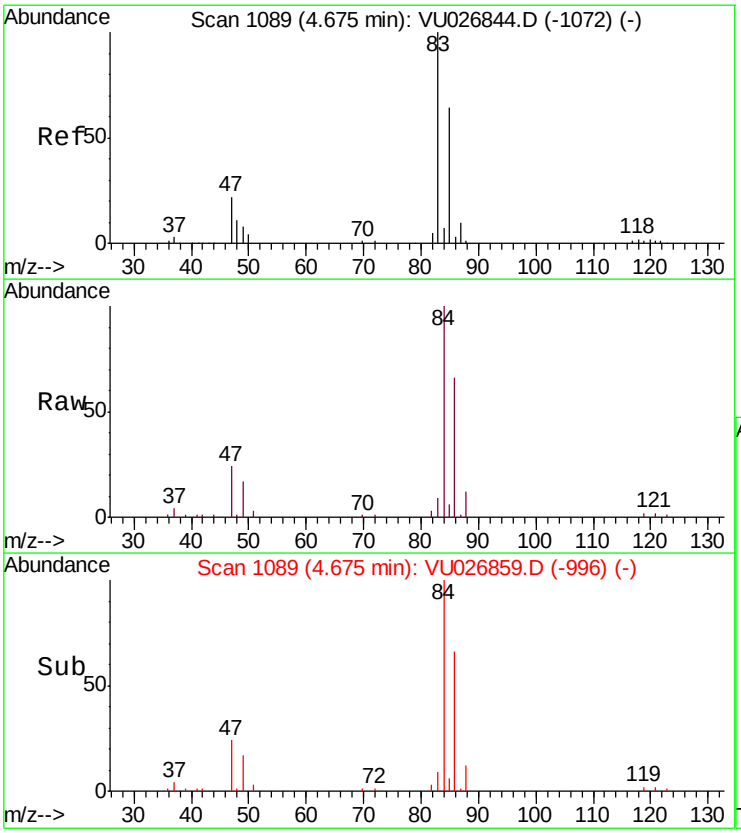
#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion: 96 Resp: 903

Ion	Ratio	Lower	Upper
96	100		
61	1440.2	124.0	230.4#
63	12706.9	97.7	181.5#

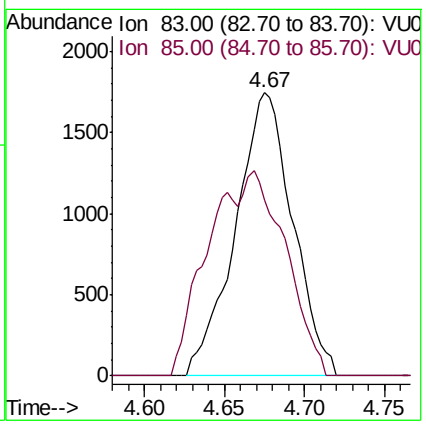


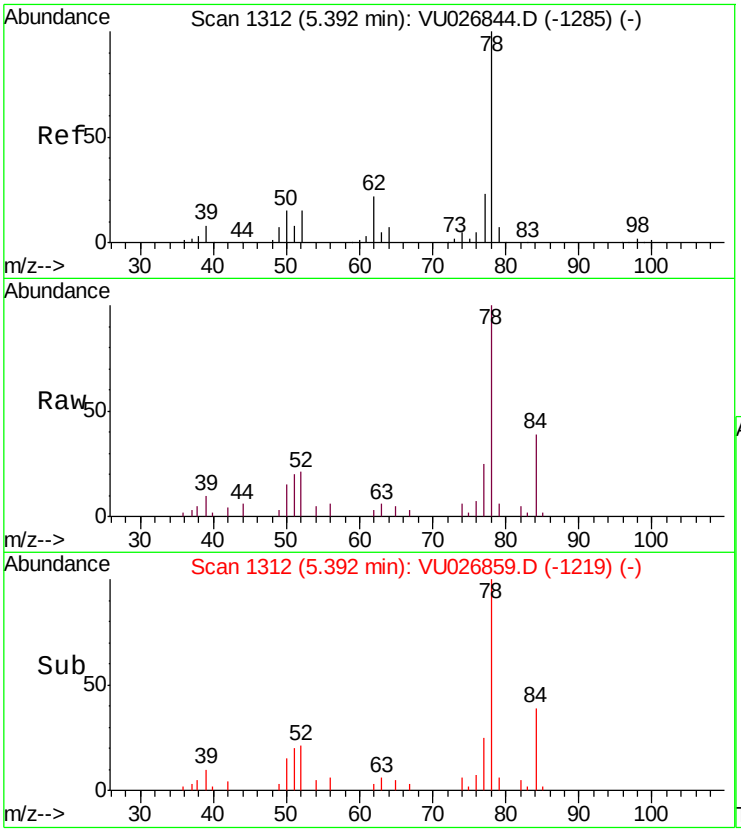


#25
Chloroform
Concen: 1.268 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 83 Resp: 4303

Ion	Ratio	Lower	Upper
83	100		
85	62.3	44.4	82.5

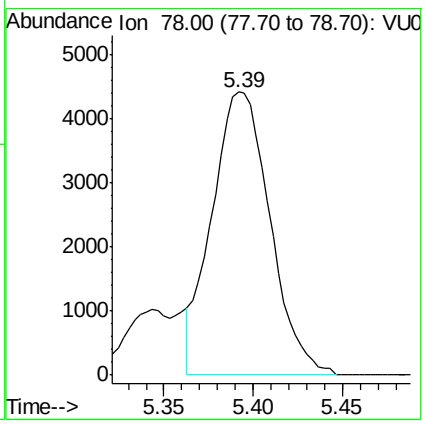


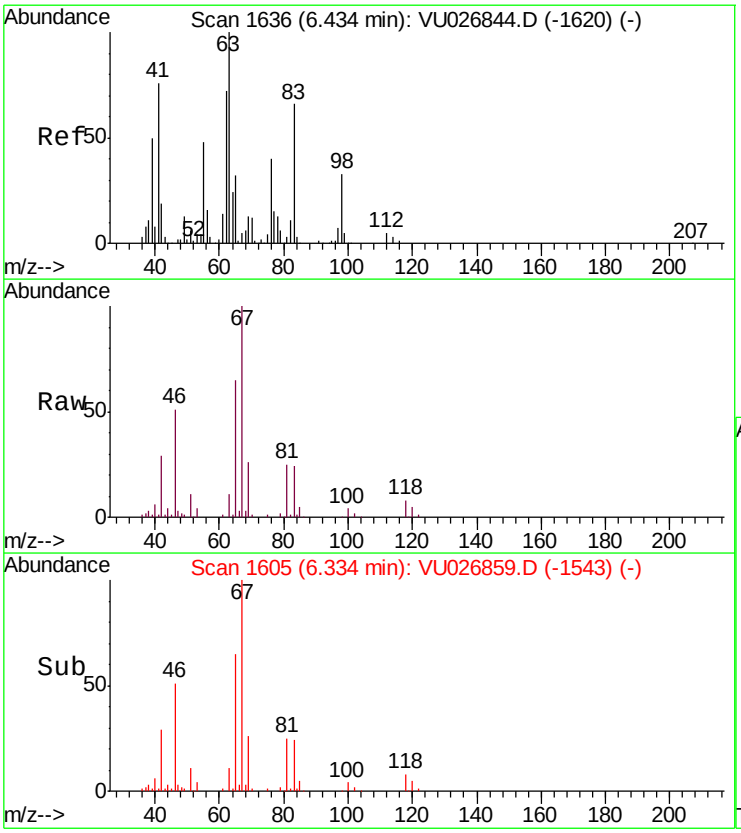


#33
Benzene
Concen: 1.392 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion: 78 Resp: 10009

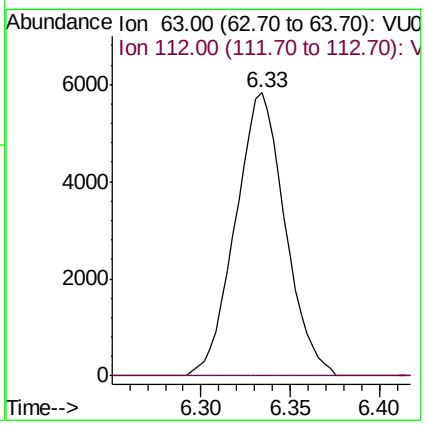


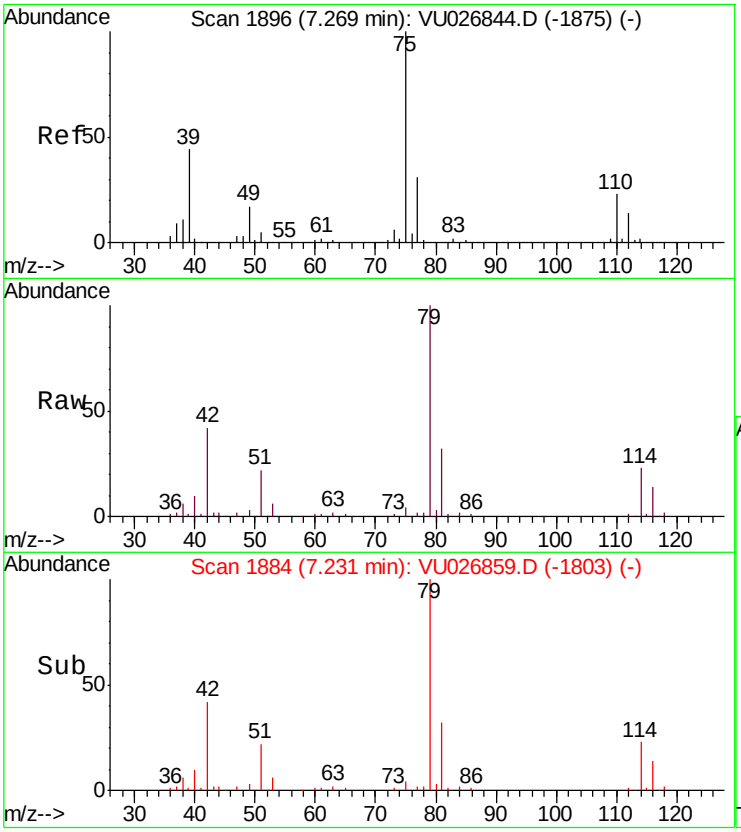


#37
1,2-Dichloropropane
Concen: 5.733 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 63 Resp: 11322

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



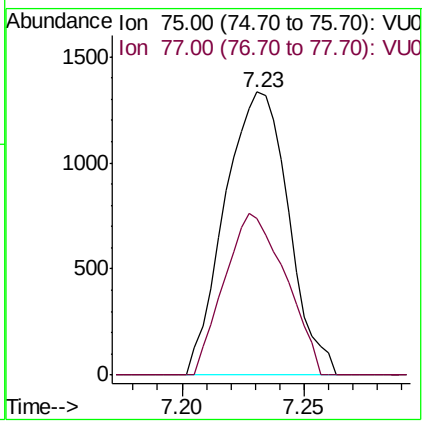


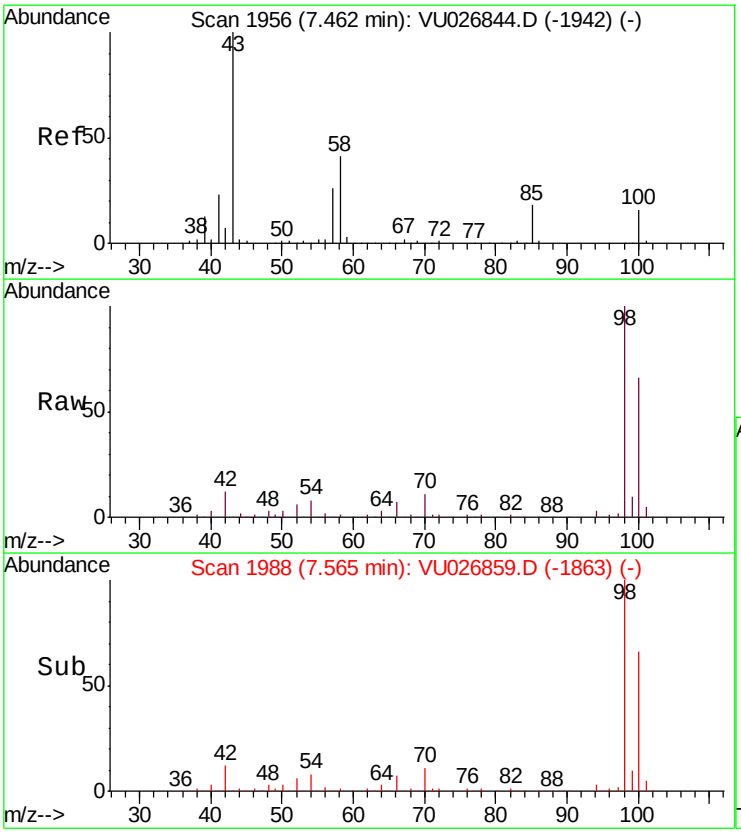
#39
cis-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion: 75 Resp: 2418

Ion	Ratio	Lower	Upper
75	100		
77	55.3	22.1	41.1#

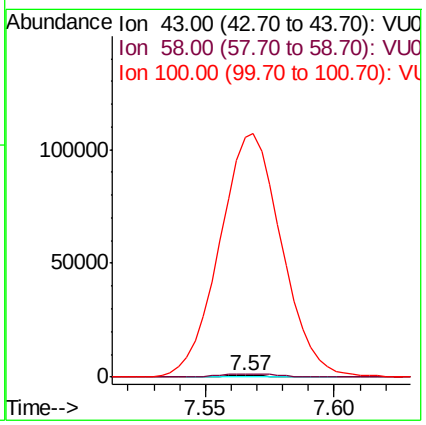


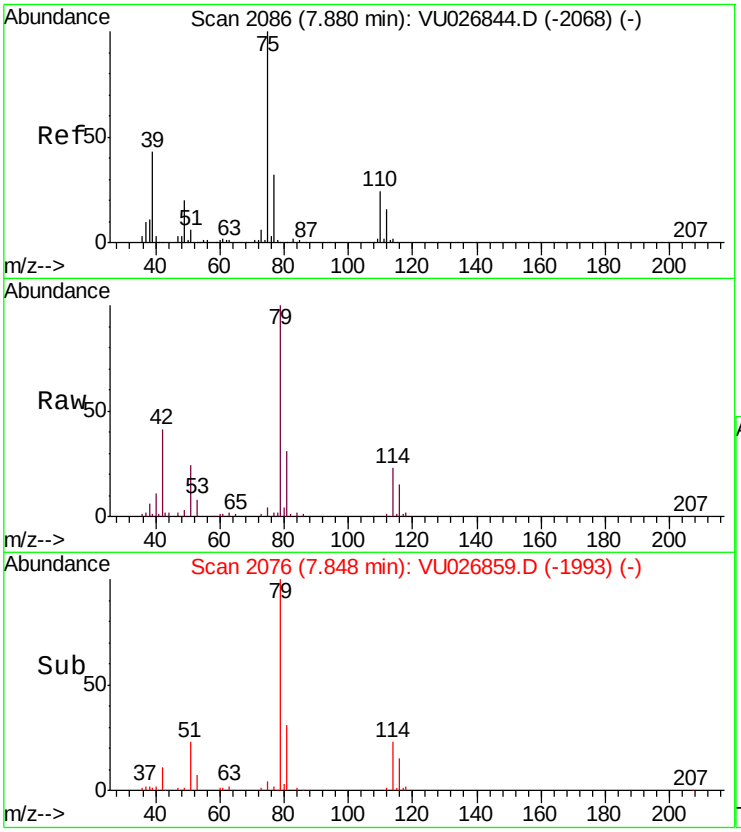


#40
4-Methyl-2-pentanone
Concen: 0.493 ug/L
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 43 Resp: 1156

Ion	Ratio	Lower	Upper
43	100		
58	192.2	32.0	48.0#
100	15618.8	12.6	19.0#



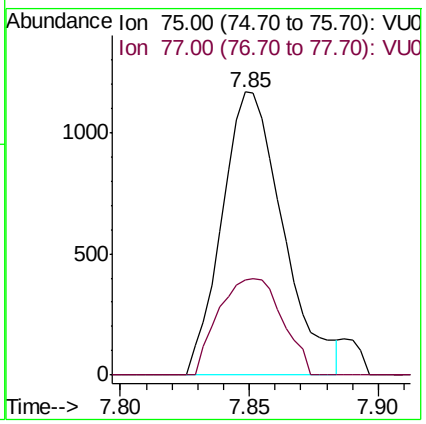


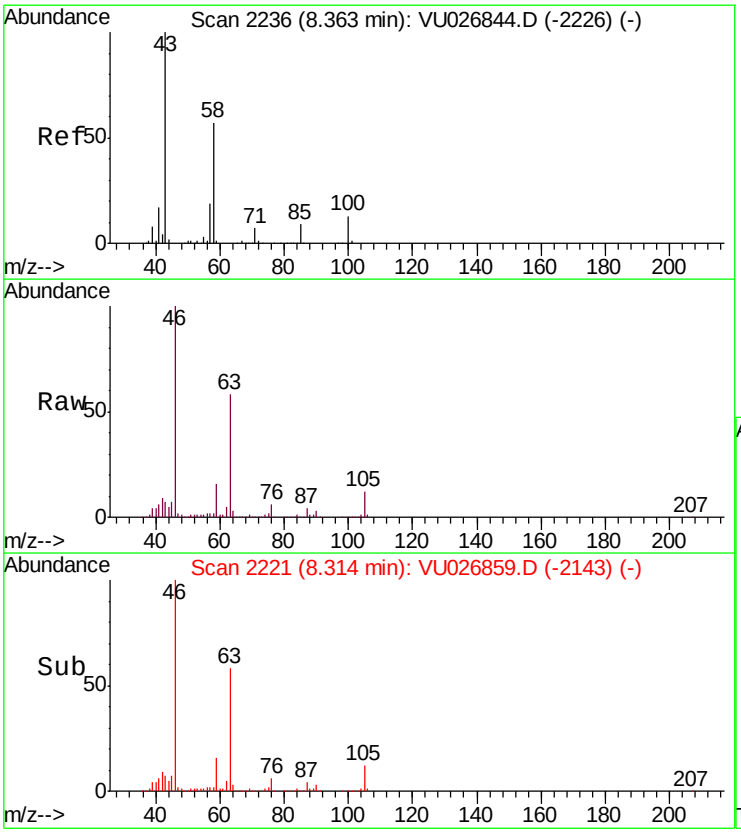
#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument : MSVOA_U
ClientSampleId : C08L4

Tgt Ion: 75 Resp: 1926

Ion	Ratio	Lower	Upper
75	100		
77	33.5	22.8	42.4

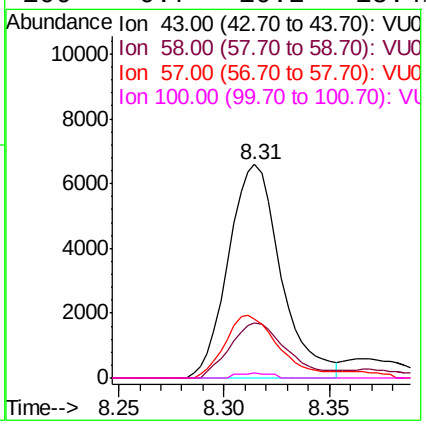


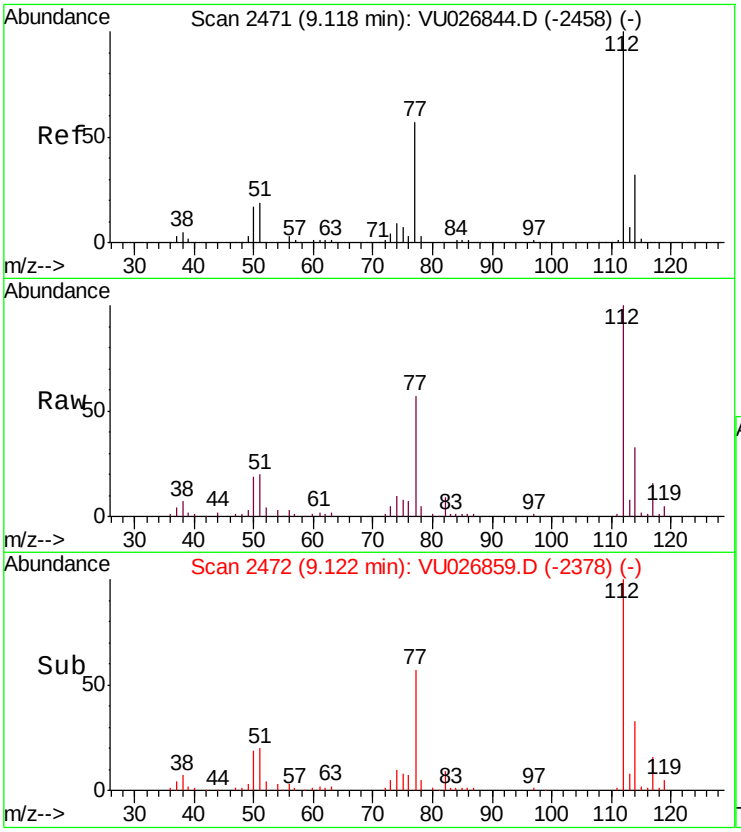


#48
2-Hexanone
Concen: 6.021 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 43 Resp: 11397

Ion	Ratio	Lower	Upper
43	100		
58	28.7	44.9	67.3#
57	30.2	15.4	23.2#
100	0.7	10.2	15.4#



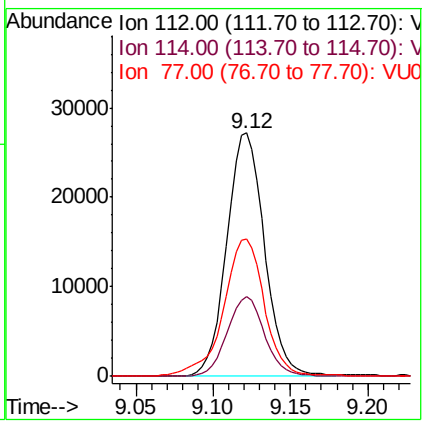


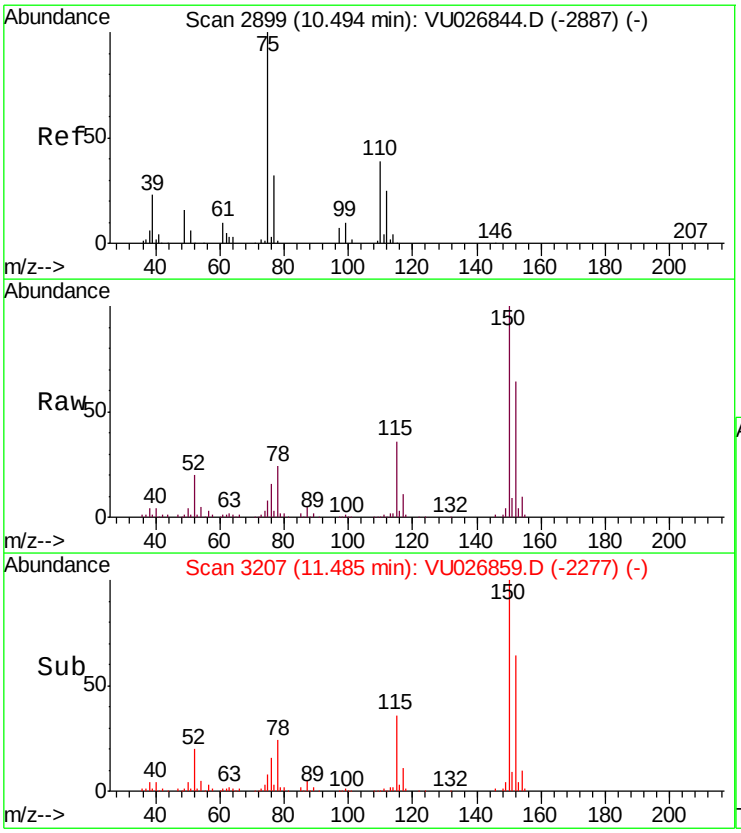
#51
Chlorobenzene
Concen: 9.324 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion:112 Resp: 46024

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	56.6	45.1	67.7

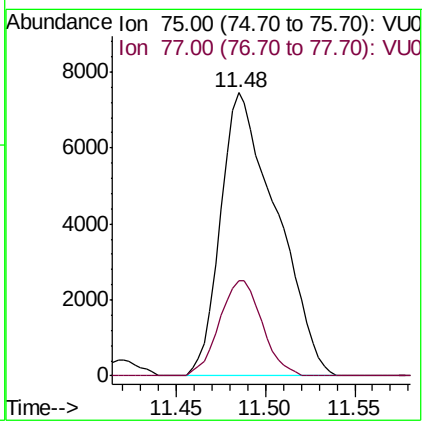


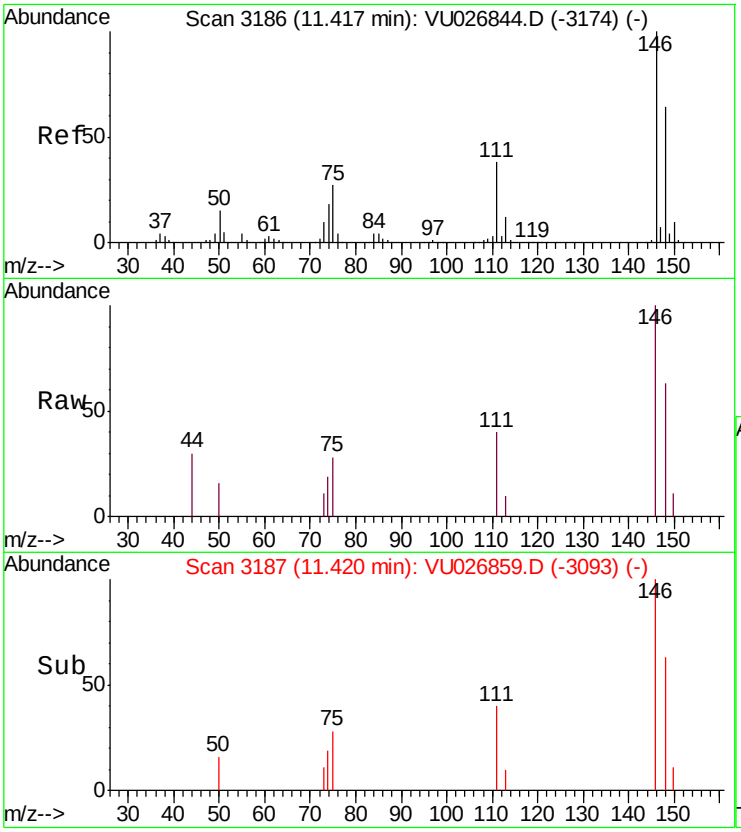


#59
1,2,3-Trichloropropane
Concen: 6.879 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 75 Resp: 16271

Ion	Ratio	Lower	Upper
75	100		
77	25.7	25.5	38.3



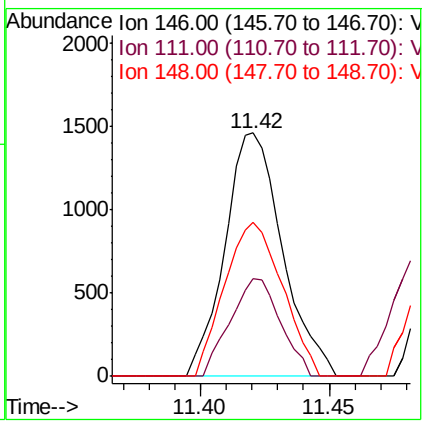


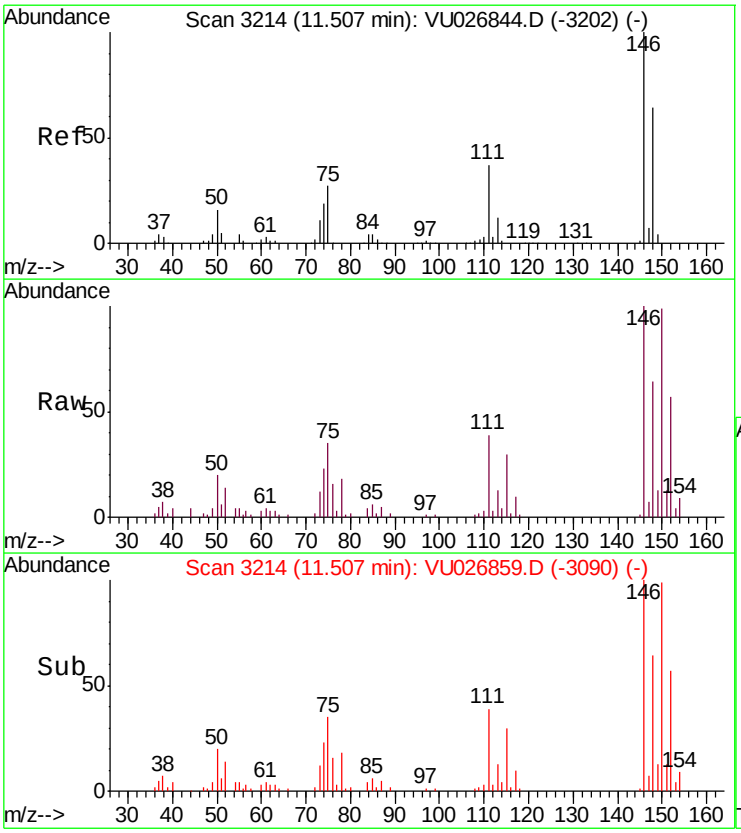
#62
1,3-Dichlorobenzene
Concen: 0.783 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion:146 Resp: 2279

Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.7	49.7
148	63.0	44.9	83.5

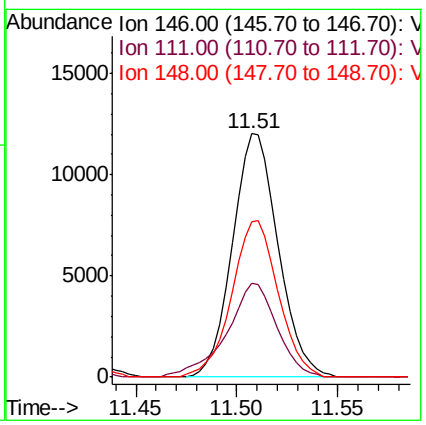


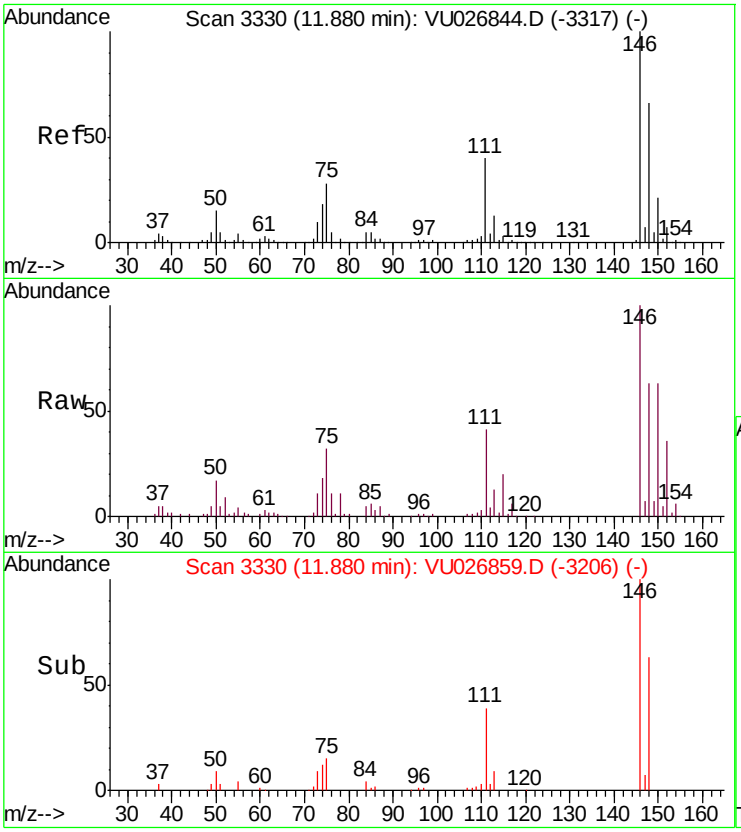


#63
1,4-Dichlorobenzene
Concen: 5.963 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion:146 Resp: 19117

Ion	Ratio	Lower	Upper
146	100		
111	38.7	26.0	48.2
148	63.5	45.8	85.2



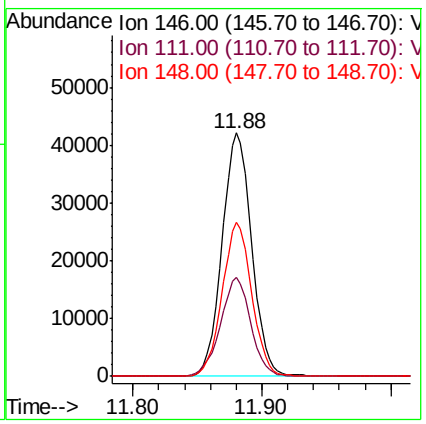


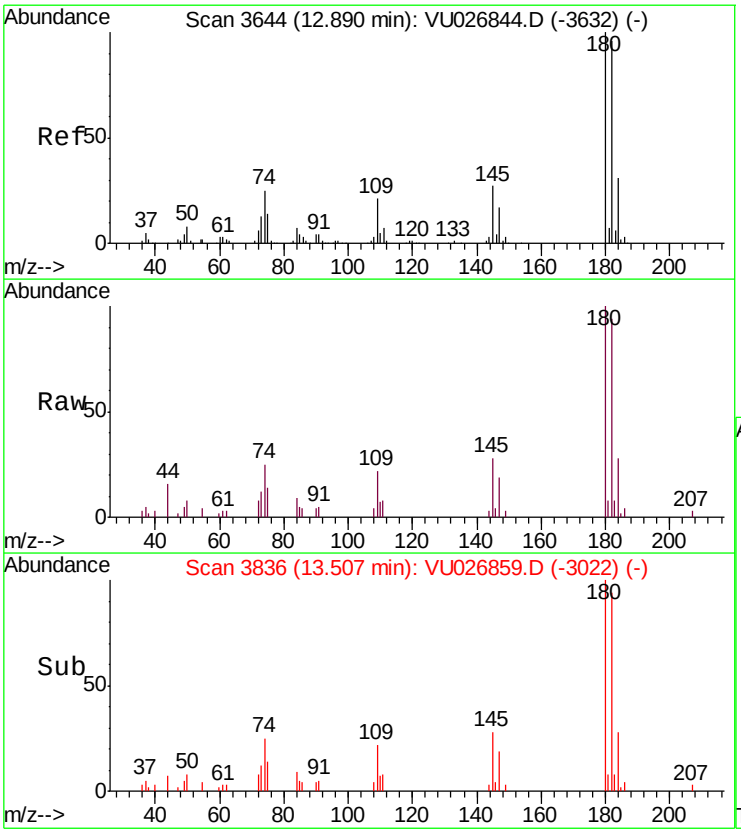
#65
1,2-Dichlorobenzene
Concen: 20.756 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion:146 Resp: 66916

Ion	Ratio	Lower	Upper
146	100		
111	40.8	31.4	47.0
148	63.3	51.4	77.2

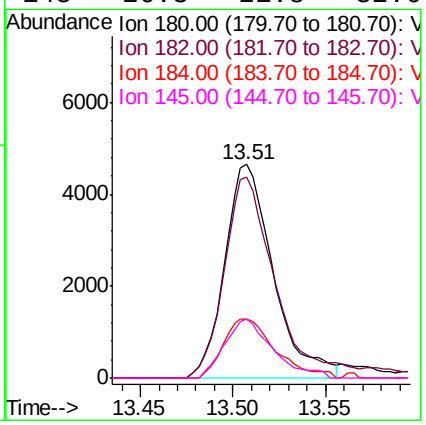


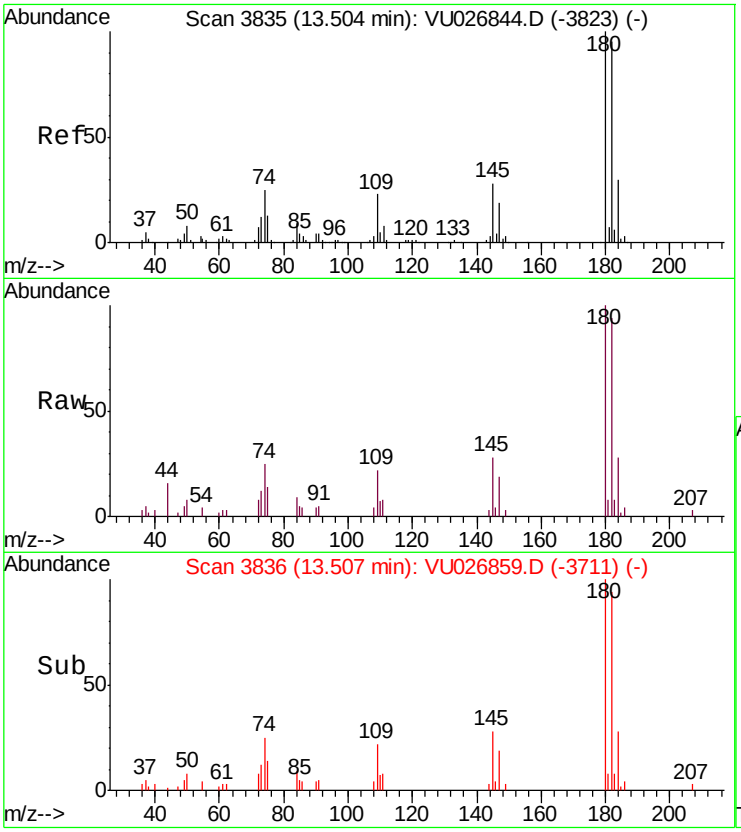


#67
1,3,5-Trichlorobenzene
Concen: 3.748 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion:180 Resp: 8445

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.7	115.1
184	28.9	24.2	36.4
145	26.3	21.8	32.6



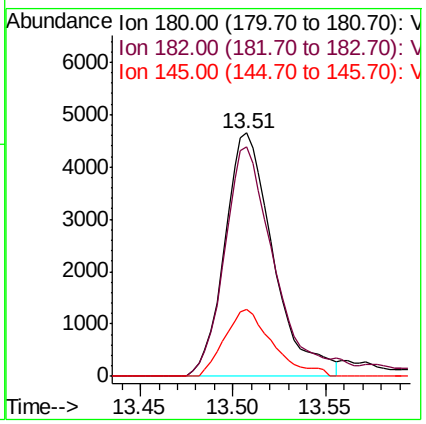


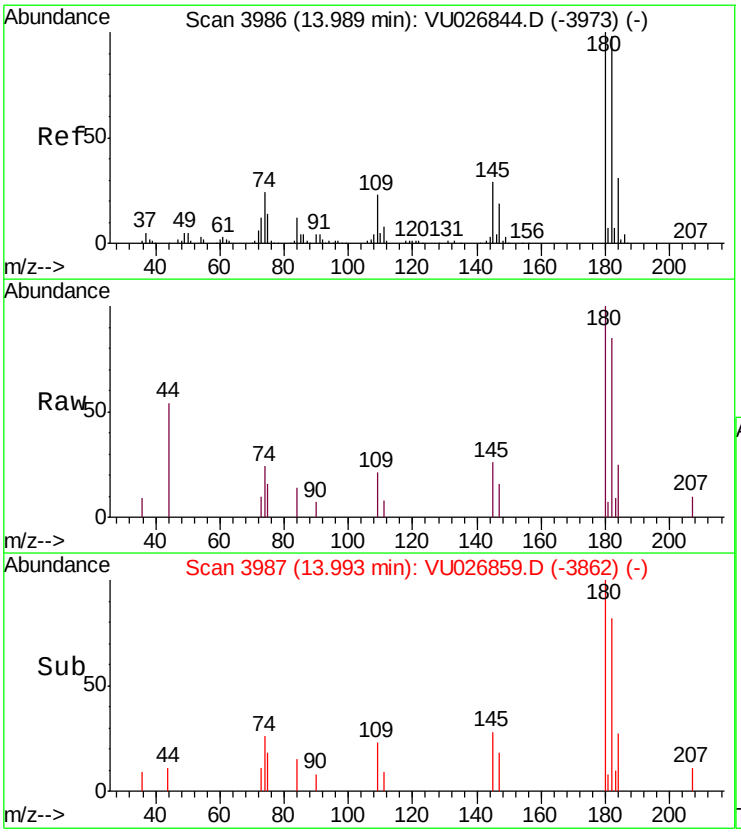
#68
1,2,4-trichlorobenzene
Concen: 4.349 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Tgt Ion:180 Resp: 8445

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	26.3	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 1.368 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion:180 Resp: 2925

Ion	Ratio	Lower	Upper
180	100		
182	88.3	75.6	113.4
145	23.0	23.8	35.6#