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

Quantitation Report (Not Reviewed)

Data File : VU026862.D
Acq On : 18 Sep 2018 15:14
Operator : MD/SY
Sample : J4896-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

Quant Time: Sep 19 05:08:42 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	233466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76509	44.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.60%			
7) Chloroethane-d5	1.68	69	70462	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.34%			
11) 1,1-Dichloroethene-d2	2.27	63	113808	34.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.66%			
21) 2-Butanone-d5	4.18	46	133851	116.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.79%			
24) Chloroform-d	4.65	84	153118	47.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.31	65	101675	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.80%			
32) Benzene-d6	5.34	84	316544	50.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.86%			
36) 1,2-Dichloropropane-d6	6.33	67	104937	52.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.80%			
41) Toluene-d8	7.57	98	265543	47.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.58%			
43) trans-1,3-Dichloropropene-	7.85	79	42718	47.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.54%			
47) 2-Hexanone-d5	8.31	63	92832	117.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141961	50.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103019	54.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.98%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1071	0.780	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1035	0.642	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	924	0.610	ug/L #	1
13) Acetone	2.32	43	949	0.842	ug/L	62
25) Chloroform	4.68	83	4262	1.308	ug/L	89
35) Methylcyclohexane	6.33	83	24549	9.127	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11015	5.831	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2231	0.836	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1924	0.770	ug/L	99
51) Chlorobenzene	9.12	112	46549	9.859	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	11435	5.054	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	3845	1.401	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	4878	1.614	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3817	1.256	ug/L #	91
67) 1,3,5-Trichlorobenzene	13.51	180	1493	0.703	ug/L #	96
68) 1,2,4-trichlorobenzene	13.51	180	1493	0.816	ug/L #	96

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

Quantitation Report (Not Reviewed)

Data File : VU026862.D
Acq On : 18 Sep 2018 15:14
Operator : MD/SY
Sample : J4896-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

Quant Time: Sep 19 05:08:42 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)

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

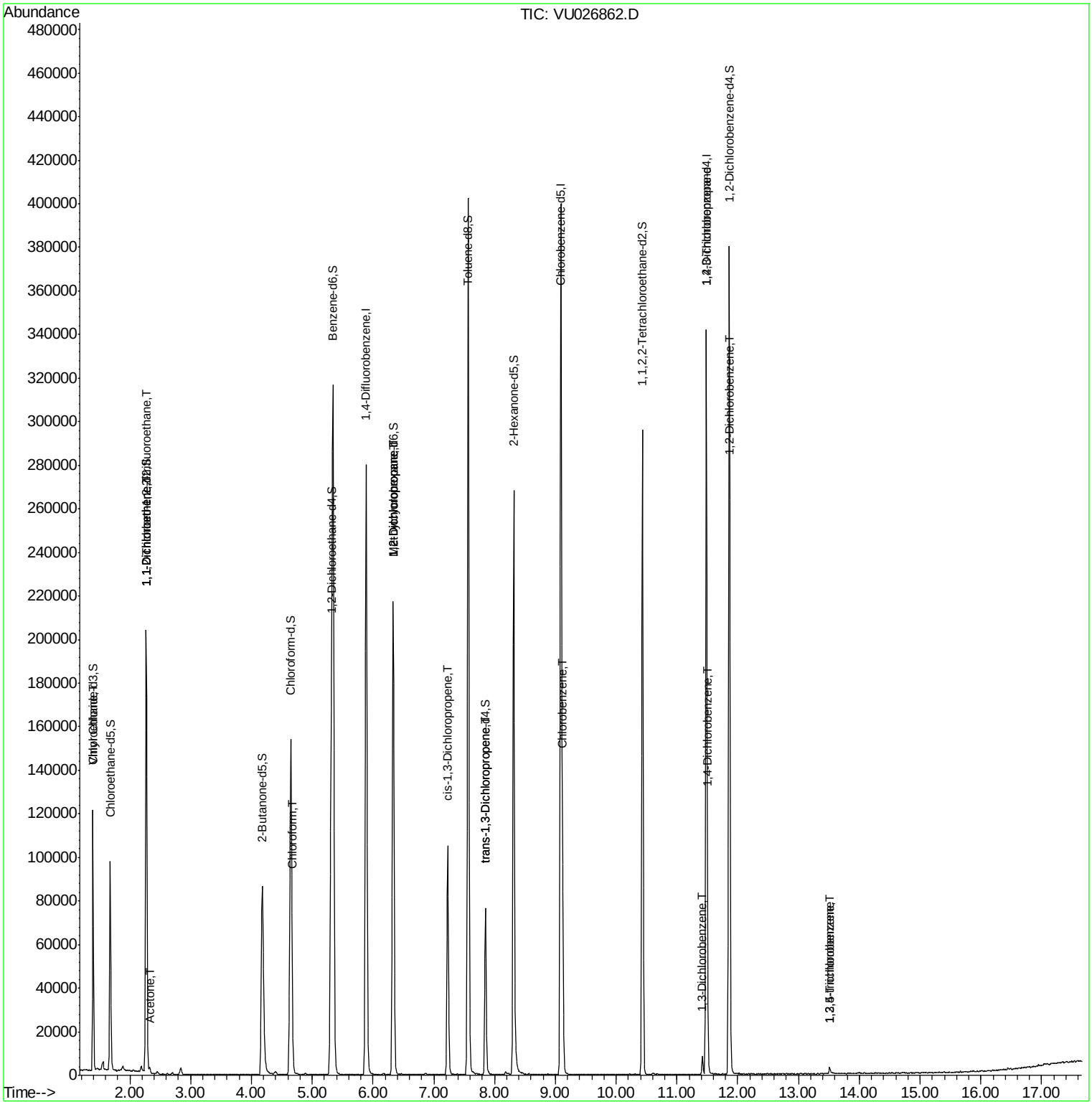
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

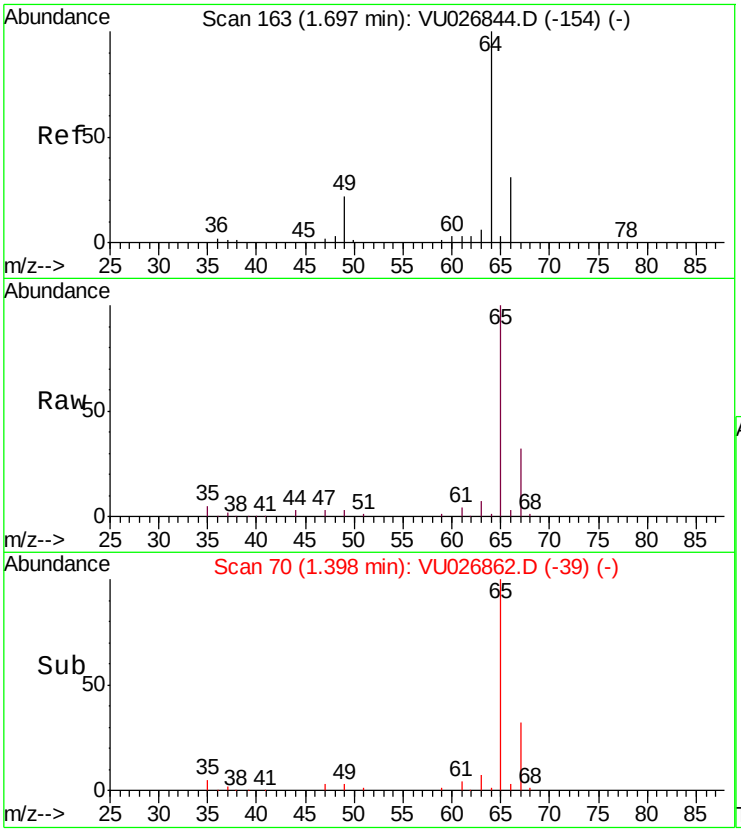
Quantitation Report (Not Reviewed)

Data File : VU026862.D
Acq On : 18 Sep 2018 15:14
Operator : MD/SY
Sample : J4896-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

Quant Time: Sep 19 05:08:42 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



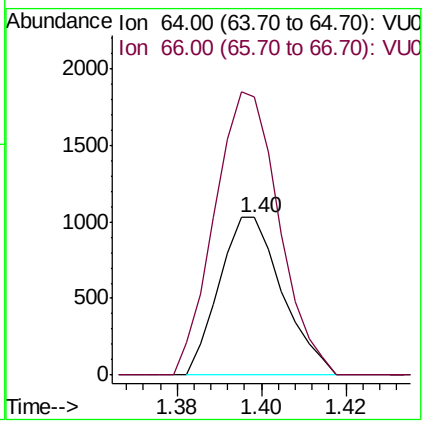


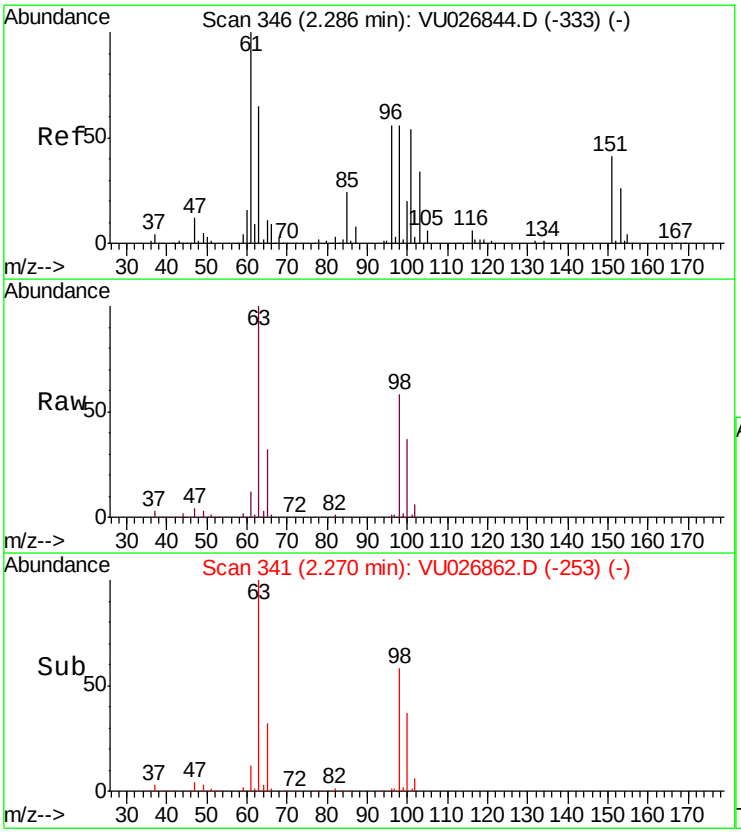
#8
Chloroethane
Concen: 0.780 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion: 64 Resp: 1071

Ion	Ratio	Lower	Upper
64	100		
66	176.6	23.0	42.8#

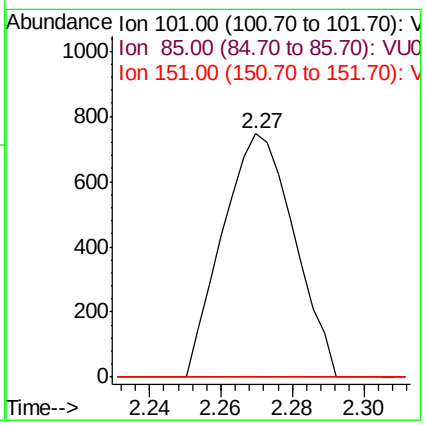


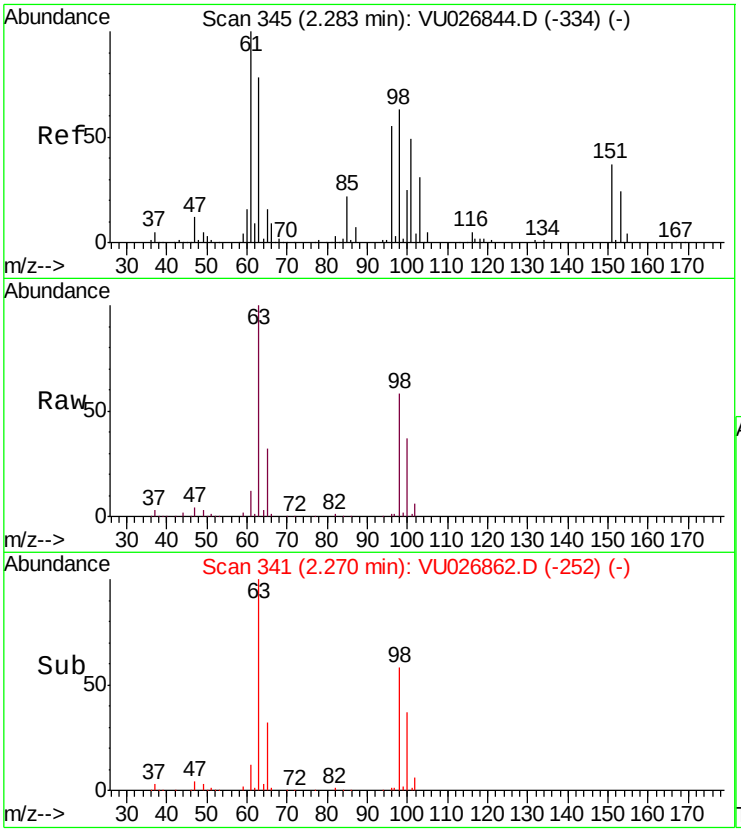


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.642 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion:101 Resp: 1035

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



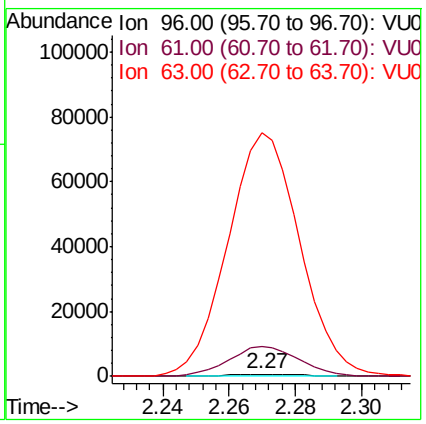


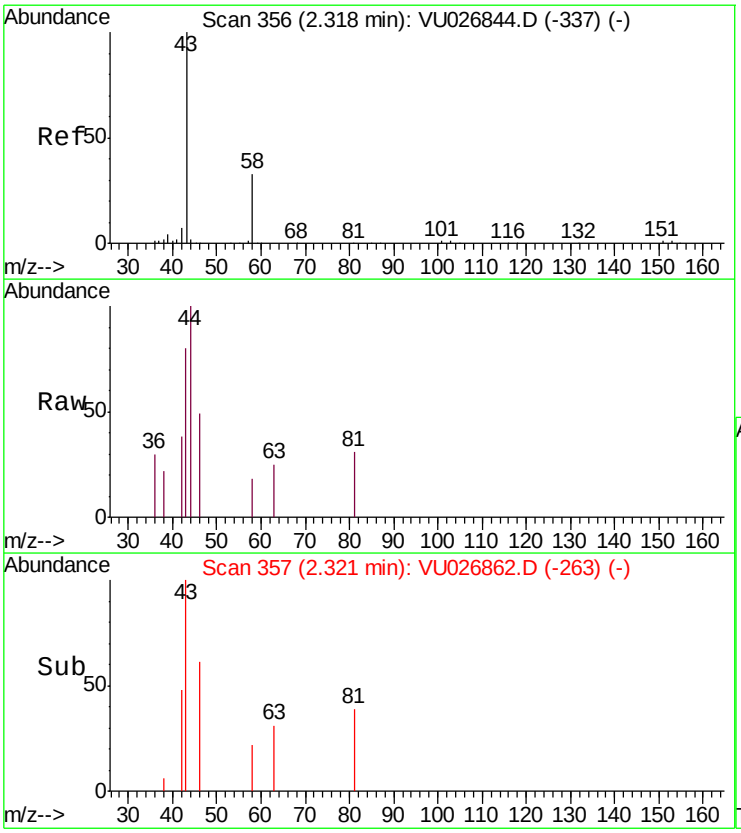
#12
1,1-Dichloroethene
Concen: 0.610 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion: 96 Resp: 924

Ion	Ratio	Lower	Upper
96	100		
61	1680.7	124.0	230.4#
63	13532.3	97.7	181.5#

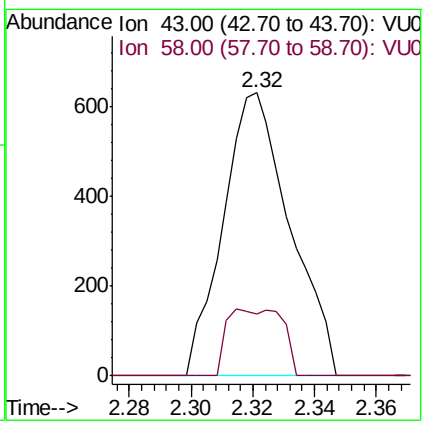


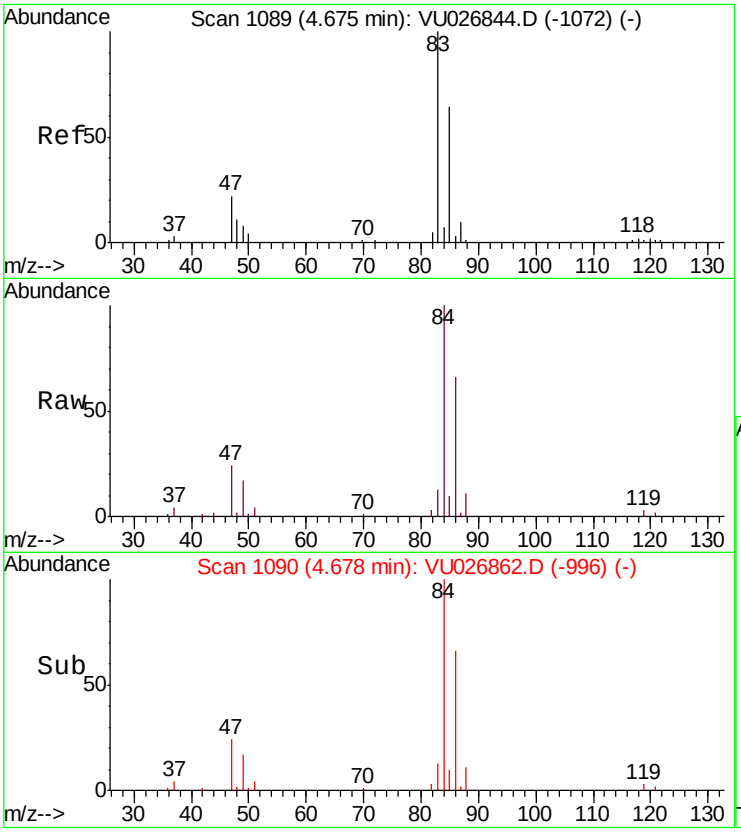


#13
Acetone
Concen: 0.842 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion: 43 Resp: 949

Ion	Ratio	Lower	Upper
43	100		
58	11.3	0.0	64.6



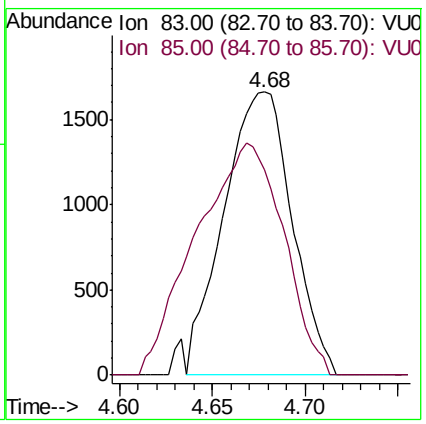


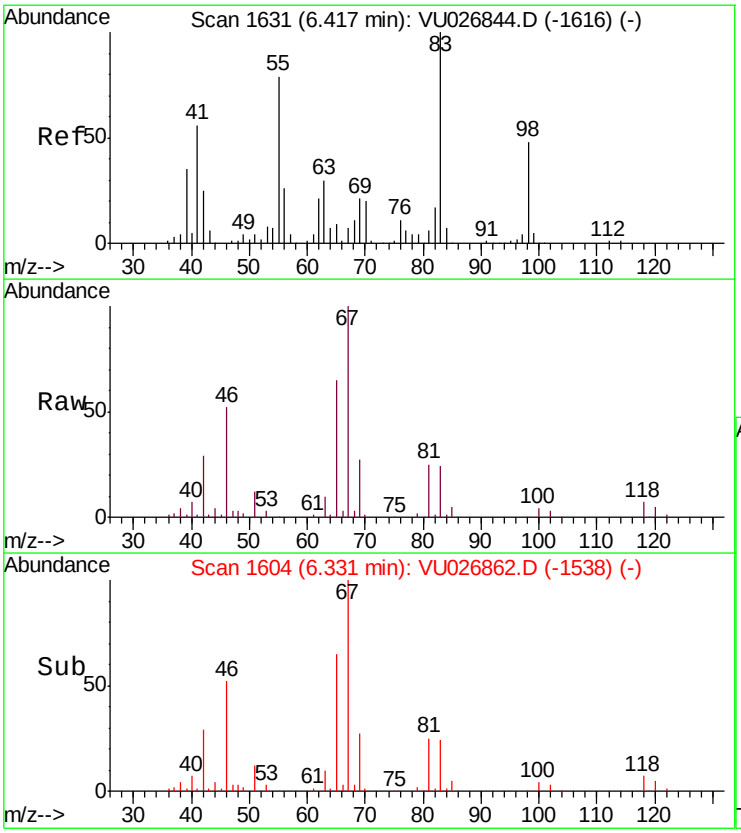
#25
Chloroform
Concen: 1.308 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion: 83 Resp: 4262

Ion	Ratio	Lower	Upper
83	100		
85	72.3	44.4	82.5

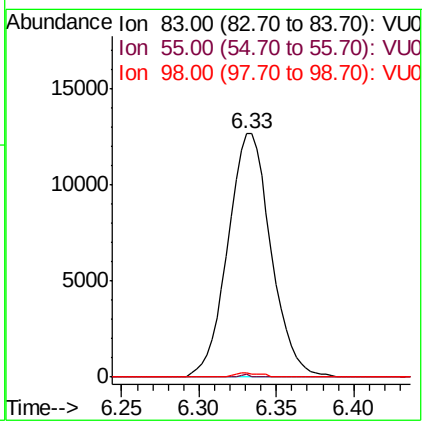


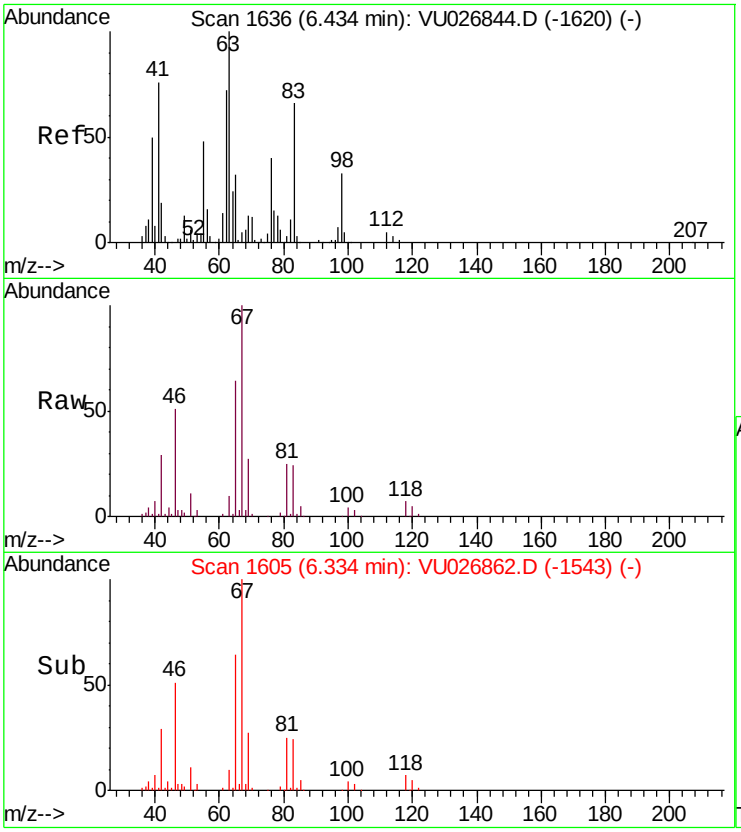


#35
Methylcyclohexane
Concen: 9.127 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion: 83 Resp: 24549

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.7	92.5#
98	0.8	38.3	57.5#



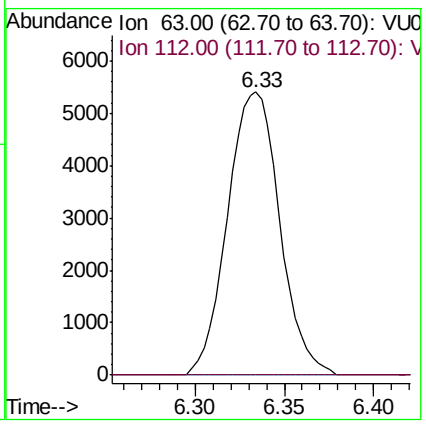


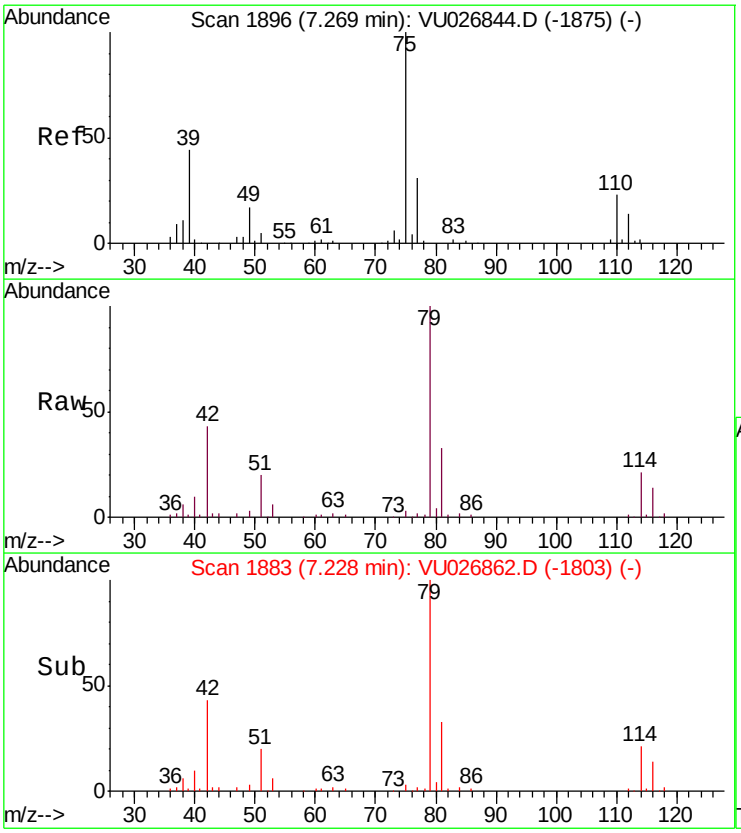
#37
1,2-Dichloropropane
Concen: 5.831 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument : MSVOA_U
ClientSampleId : C08M5

Tgt Ion: 63 Resp: 11015

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

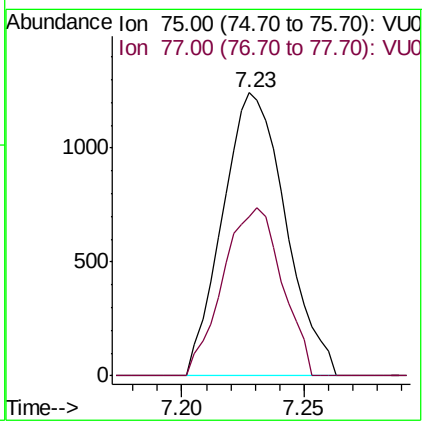


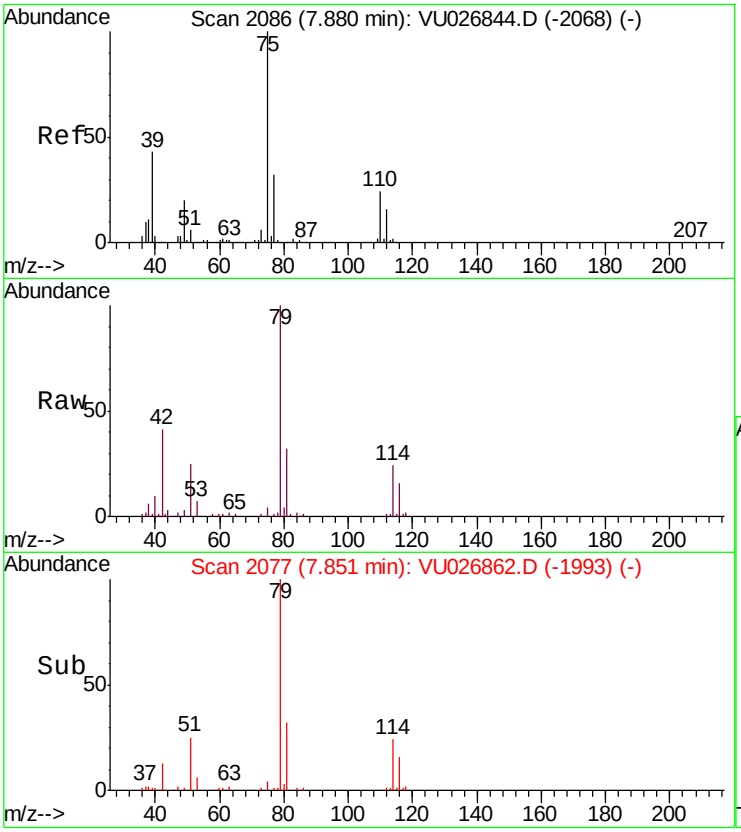


#39
cis-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion: 75 Resp: 2231

Ion	Ratio	Lower	Upper
75	100		
77	56.4	22.1	41.1#



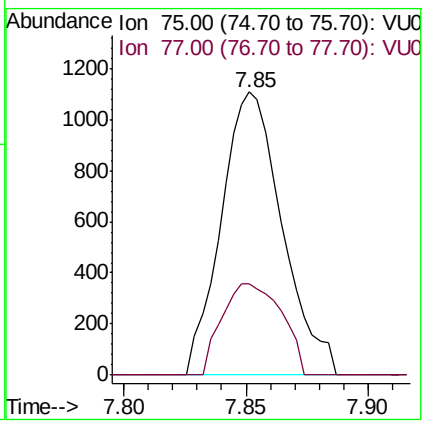


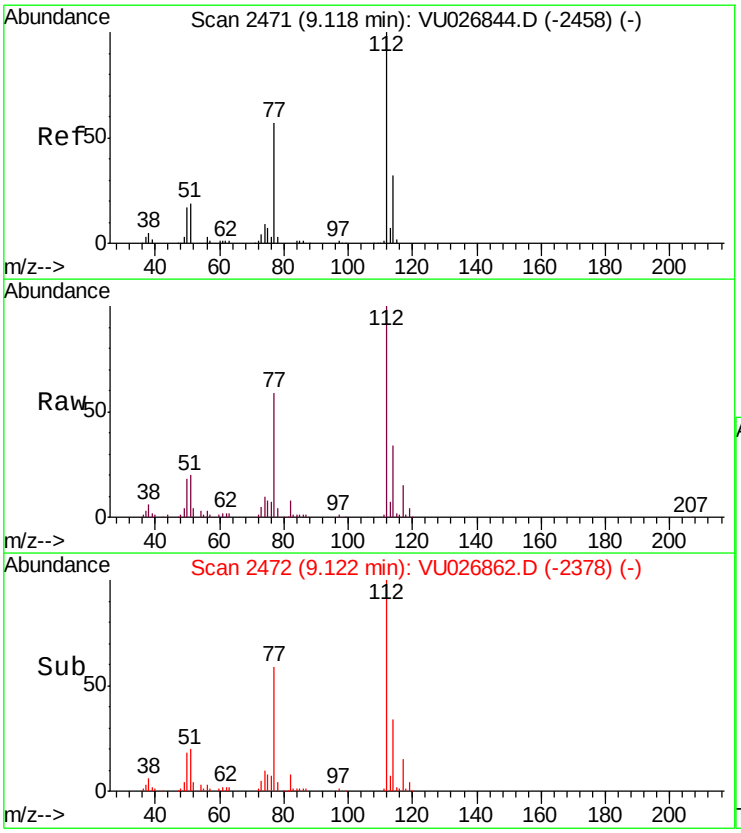
#44
trans-1,3-Dichloropropene
Concen: 0.770 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion: 75 Resp: 1924

Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.8	42.4

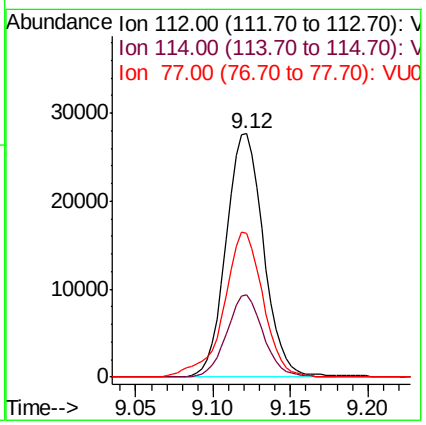


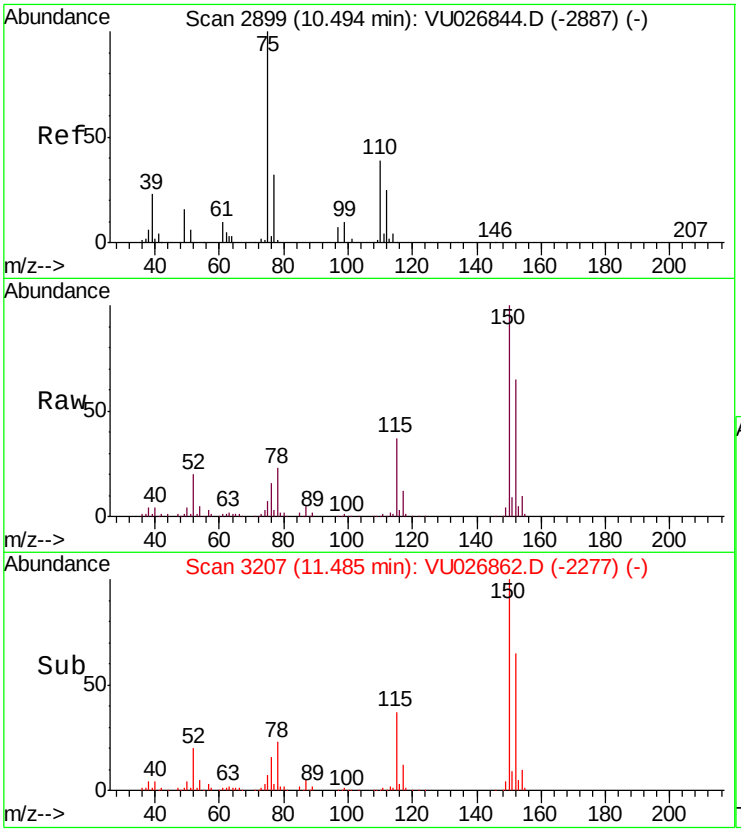


#51
Chlorobenzene
Concen: 9.859 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion:112 Resp: 46549

Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.3	41.5
77	58.9	45.1	67.7



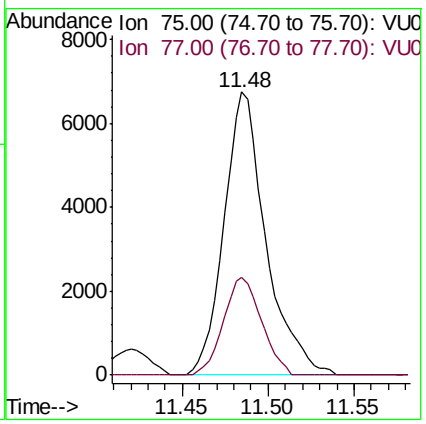


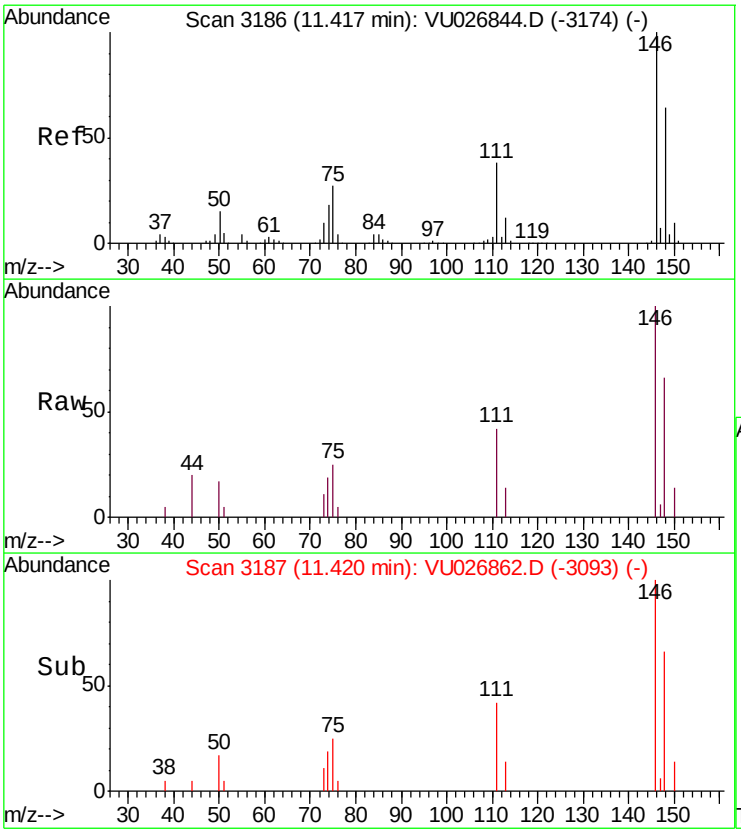
#59
1,2,3-Trichloropropane
Concen: 5.054 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion: 75 Resp: 11435

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3

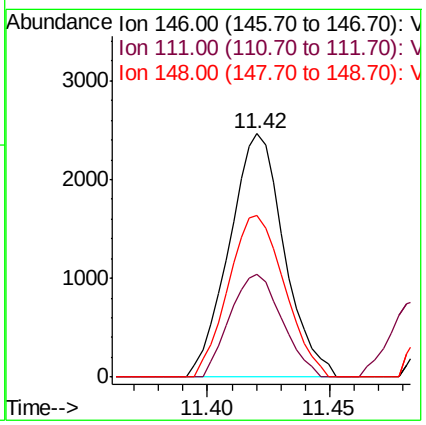


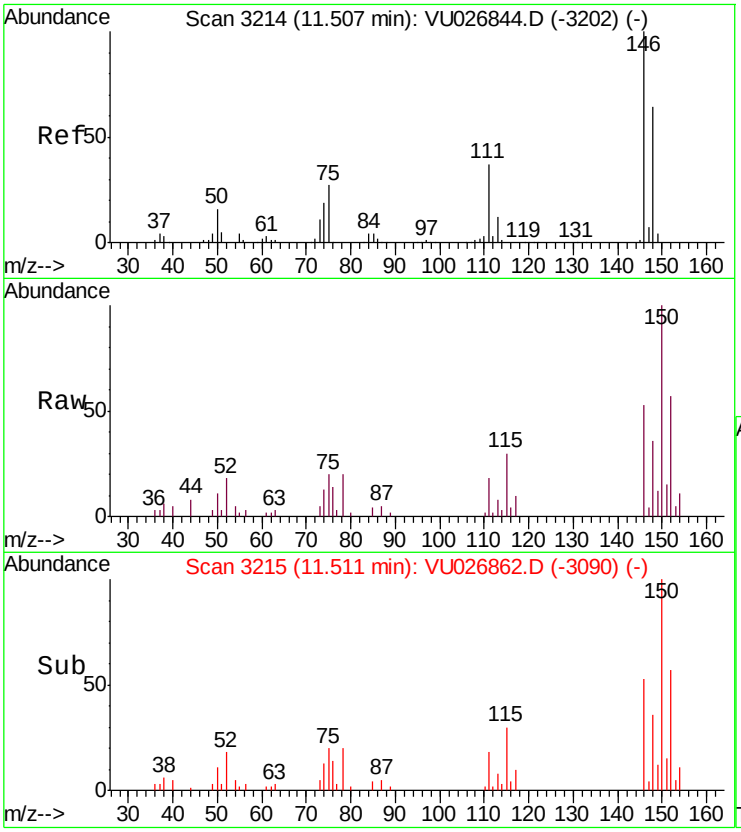


#62
1,3-Dichlorobenzene
Concen: 1.401 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion:146 Resp: 3845

Ion	Ratio	Lower	Upper
146	100		
111	42.5	26.7	49.7
148	66.5	44.9	83.5



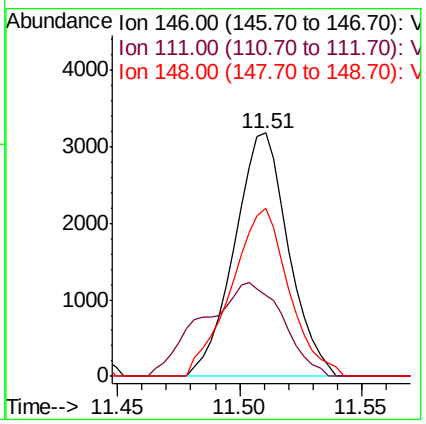


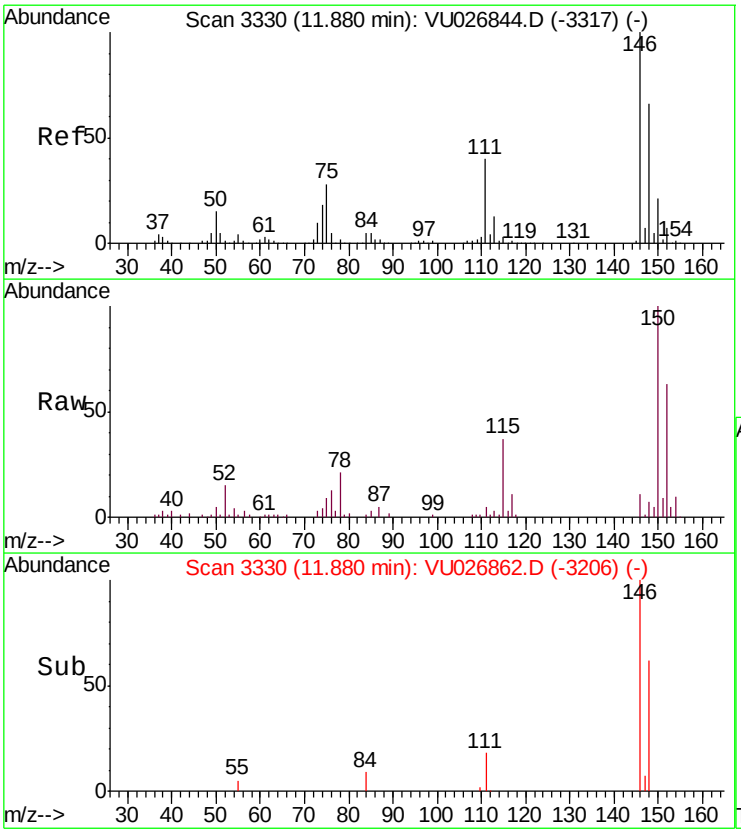
#63
1,4-Dichlorobenzene
Concen: 1.614 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion:146 Resp: 4878

Ion	Ratio	Lower	Upper
146	100		
111	33.3	26.0	48.2
148	69.0	45.8	85.2

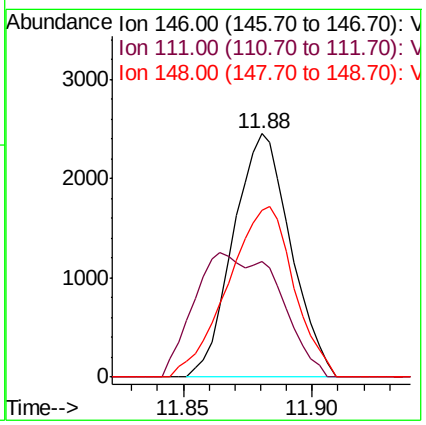


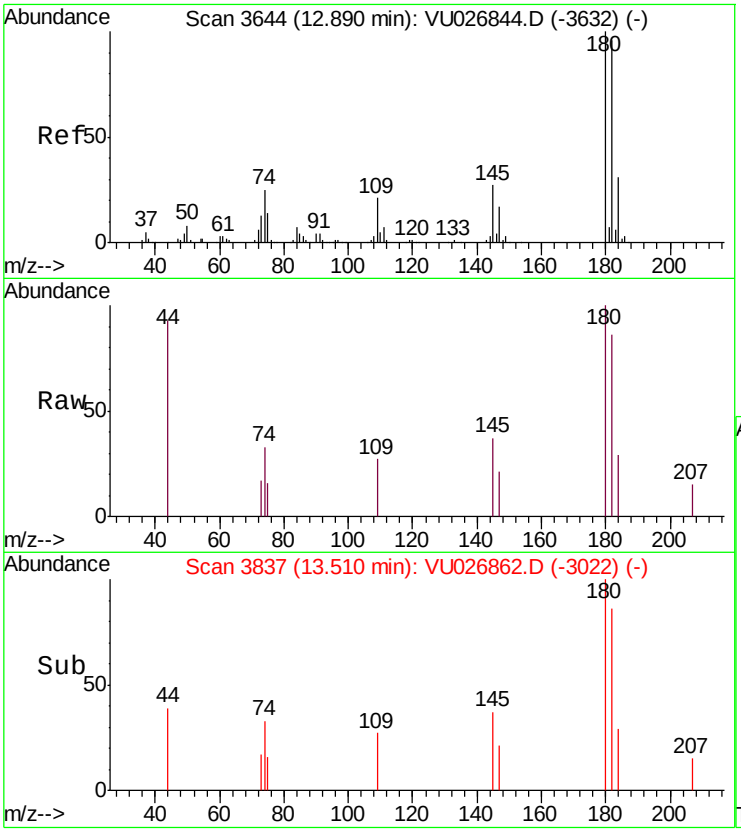


#65
1,2-Dichlorobenzene
Concen: 1.256 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion:146 Resp: 3817

Ion	Ratio	Lower	Upper
146	100		
111	47.4	31.4	47.0#
148	68.7	51.4	77.2



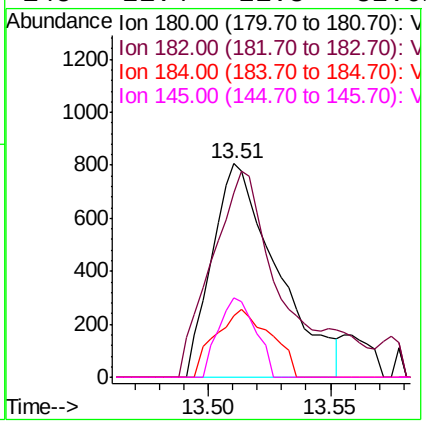


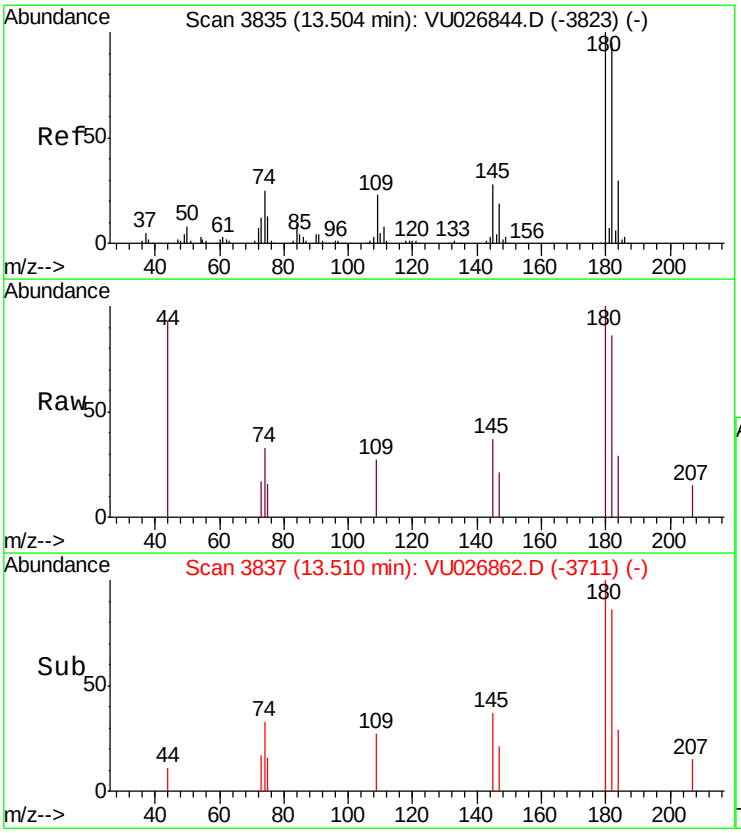
#67
1,3,5-Trichlorobenzene
Concen: 0.703 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.62 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
C08M5

Tgt Ion:180 Resp: 1493

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.7	115.1
184	26.9	24.2	36.4
145	21.4	21.8	32.6#





#68
1,2,4-trichlorobenzene
Concen: 0.816 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion:180 Resp: 1493

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	21.4	22.2	33.2#