Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026758.D
Acq On : 14 Sep 2018 12:07
Operator : MD/SY
Sample : J4893-12DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Quant Time: Sep 15 07:01:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	168411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68376	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57074	45.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.96%			
7) Chloroethane-d5	1.68	69	46476	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.92%			
11) 1,1-Dichloroethene-d2	2.27	63	78247	34.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.68%			
21) 2-Butanone-d5	4.18	46	79857	102.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.25%			
24) Chloroform-d	4.65	84	91762	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.94%			
26) 1,2-Dichloroethane-d4	5.31	65	65217	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.50%			
32) Benzene-d6	5.34	84	192950	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.06%			
36) 1,2-Dichloropropane-d6	6.33	67	65376	47.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.96%			
41) Toluene-d8	7.57	98	169912	44.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.26%			
43) trans-1,3-Dichloropropene-	7.85	79	27763	43.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.74%			
47) 2-Hexanone-d5	8.31	63	54695	97.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.36%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87018	46.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.32%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66484	48.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.54%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	767	0.742	ug/L #	18
13) Acetone	2.32	43	6809	7.655	ug/L	95
25) Chloroform	4.68	83	3858	1.881	ug/L	96
35) Methylcyclohexane	6.33	83	14930	8.453	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6970	5.620	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1623	0.884	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1142	0.669	ug/L	89
51) Chlorobenzene	9.12	112	70929	23.477	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	1134	0.773	ug/L #	42
62) 1,3-Dichlorobenzene	11.42	146	3852	1.962	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	16832	8.093	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	157812	76.055	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	14118	9.066	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	14118	10.430	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	2630	1.794	ug/L	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026758.D
Acq On : 14 Sep 2018 12:07
Operator : MD/SY
Sample : J4893-12DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Quant Time: Sep 15 07:01:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

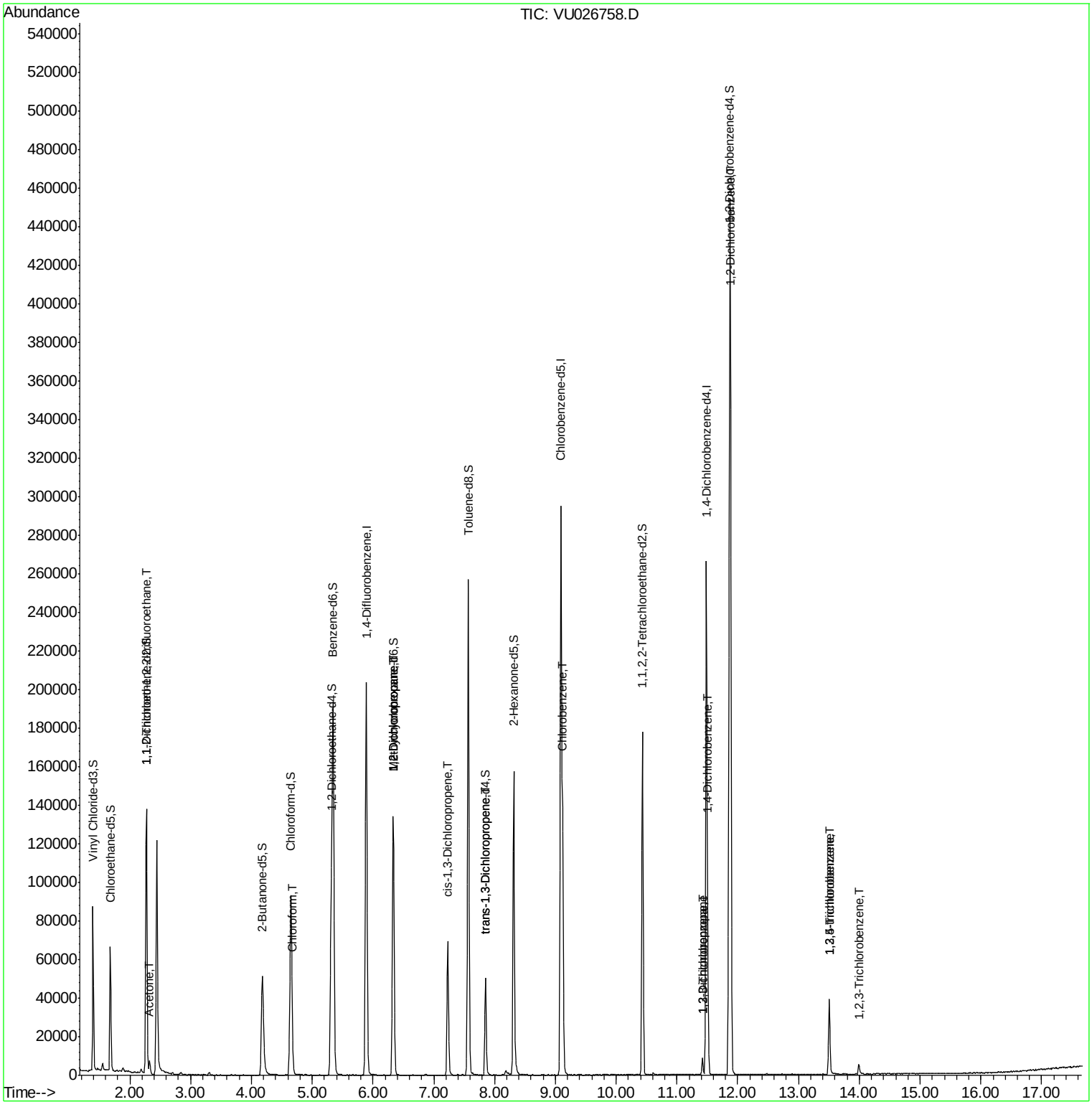
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

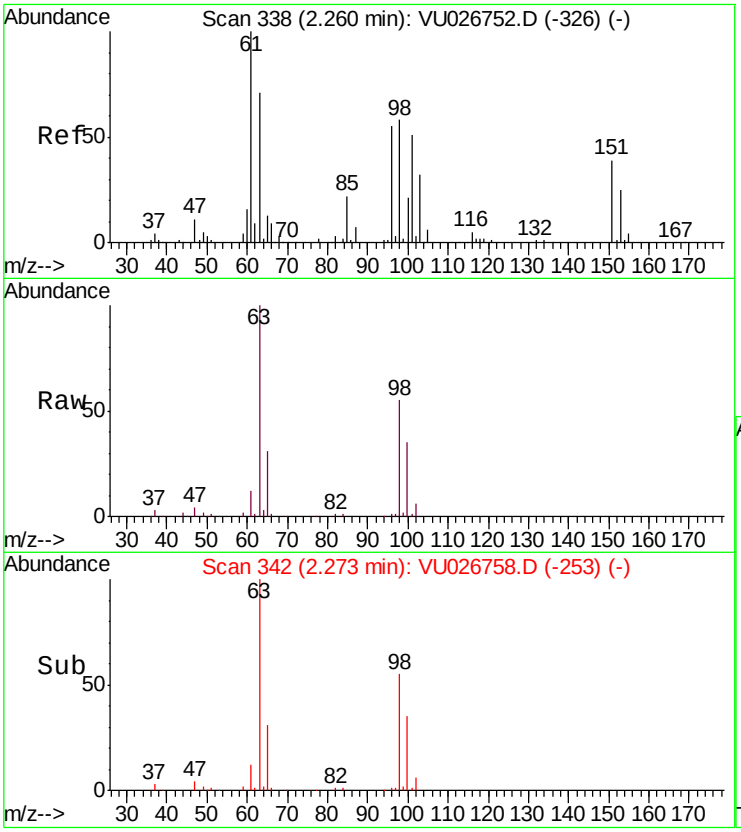
Quantitation Report (Not Reviewed)

Data File : VU026758.D
Acq On : 14 Sep 2018 12:07
Operator : MD/SY
Sample : J4893-12DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08N9DL

Quant Time: Sep 15 07:01:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration



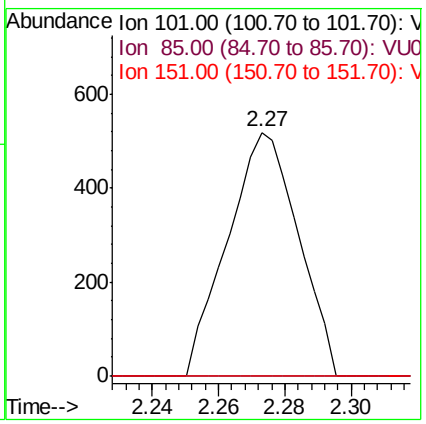


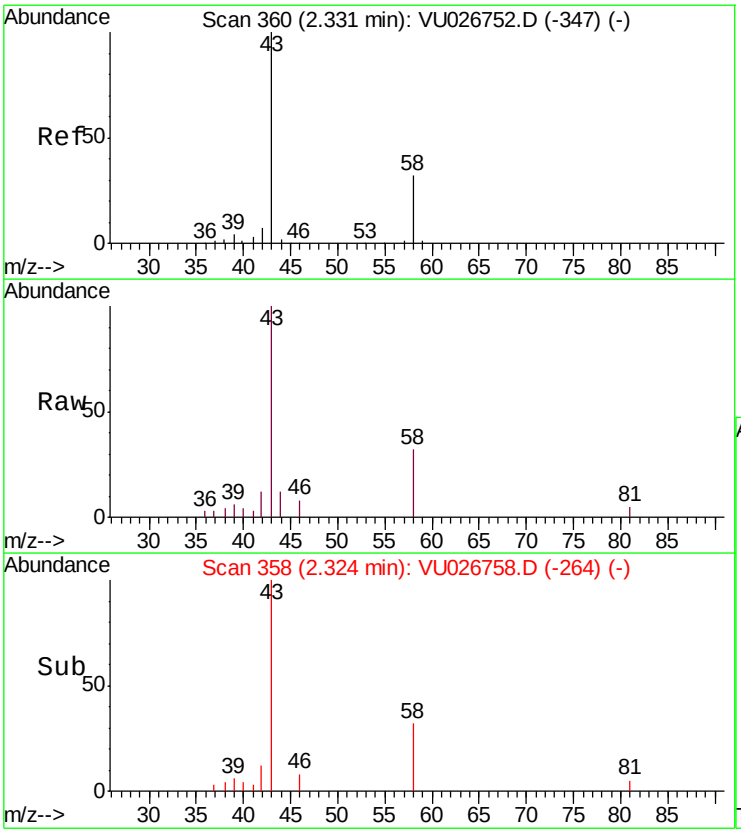
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Tgt Ion:101 Resp: 767

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

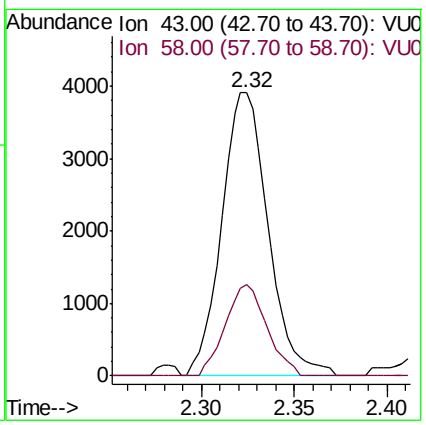


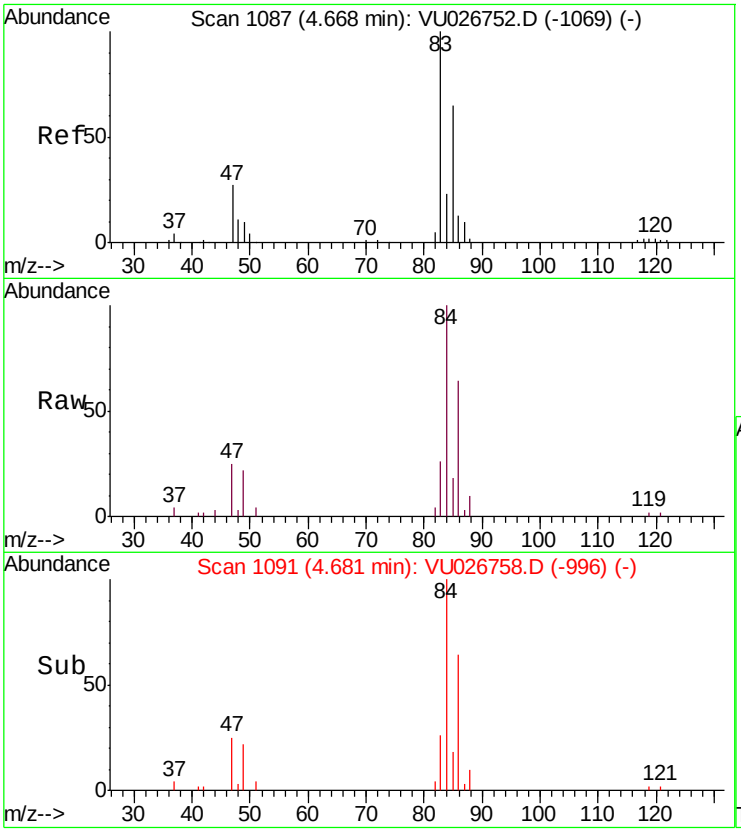


#13
Acetone
Concen: 7.655 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion: 43 Resp: 6809

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	62.8



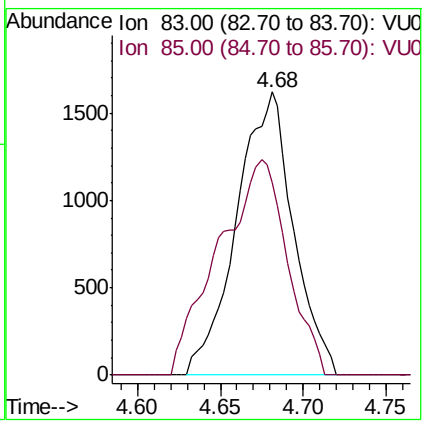


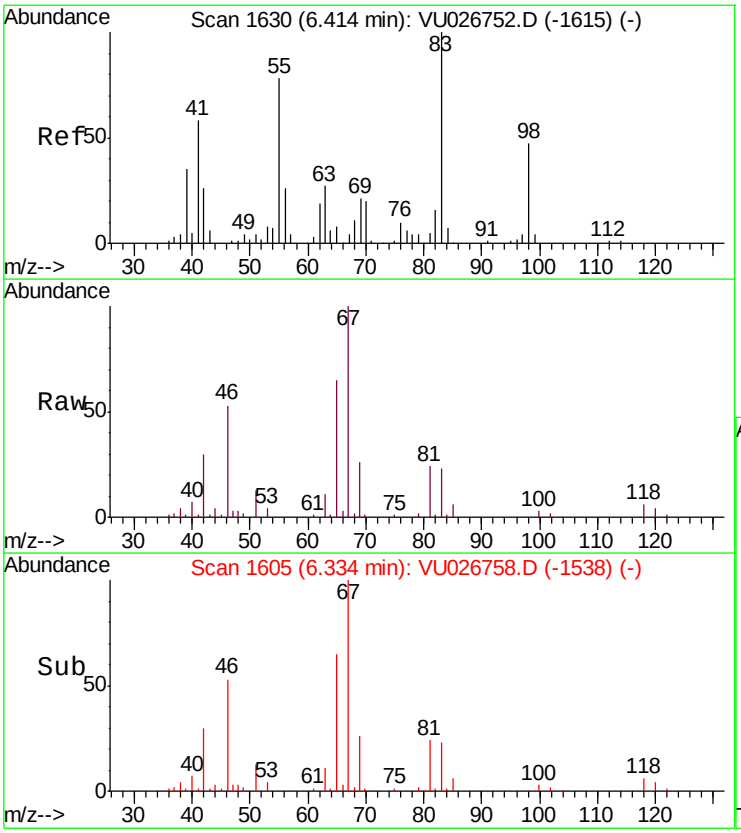
#25
Chloroform
Concen: 1.881 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :
C08N9DL

Tgt Ion: 83 Resp: 3858

Ion	Ratio	Lower	Upper
83	100		
85	68.1	45.6	84.6

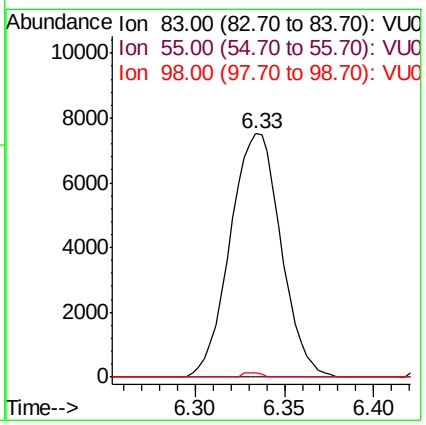


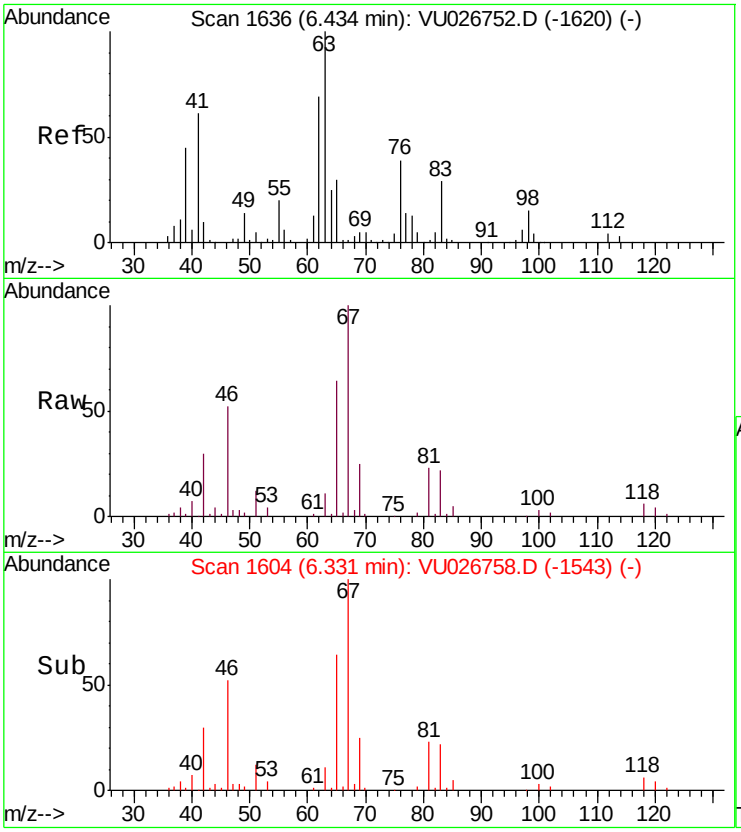


#35
Methylcyclohexane
Concen: 8.453 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion: 83 Resp: 14930

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.5	37.0	55.4#



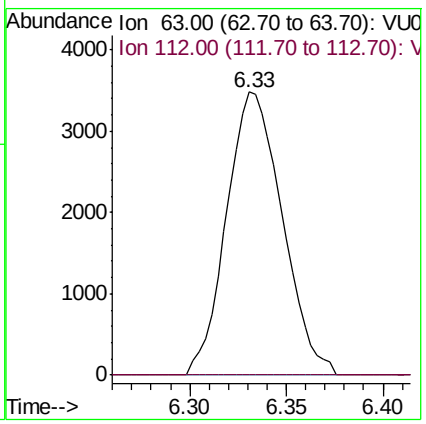


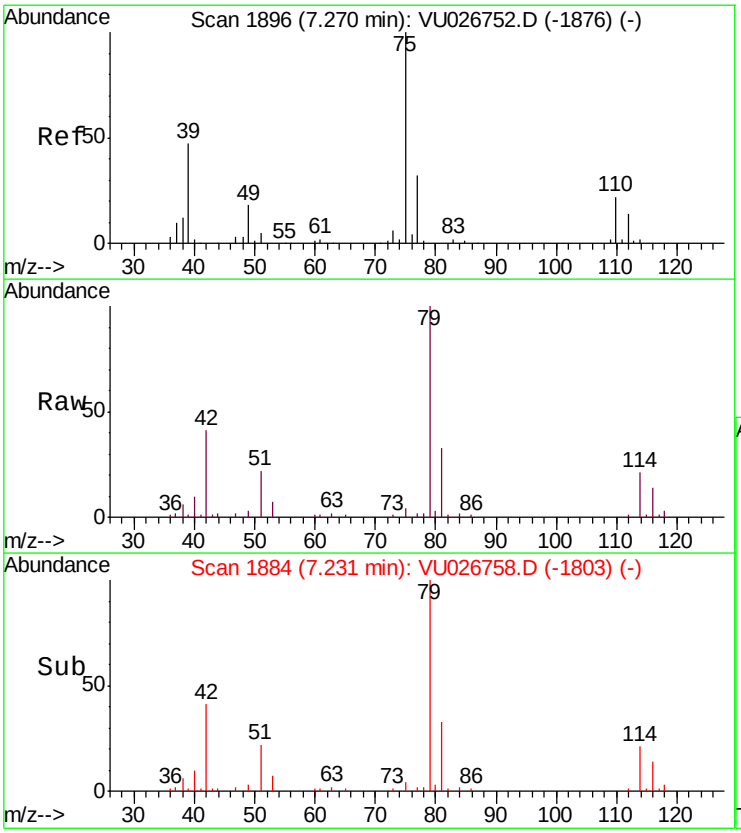
#37
1,2-Dichloropropane
Concen: 5.620 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Tgt Ion: 63 Resp: 6970

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

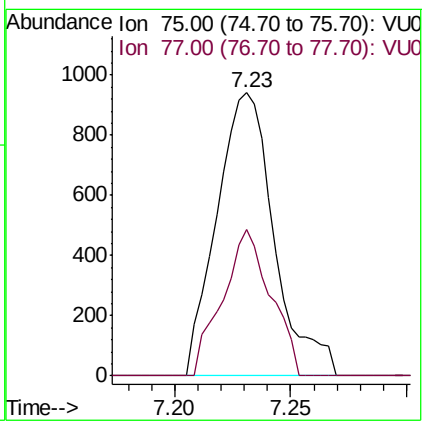


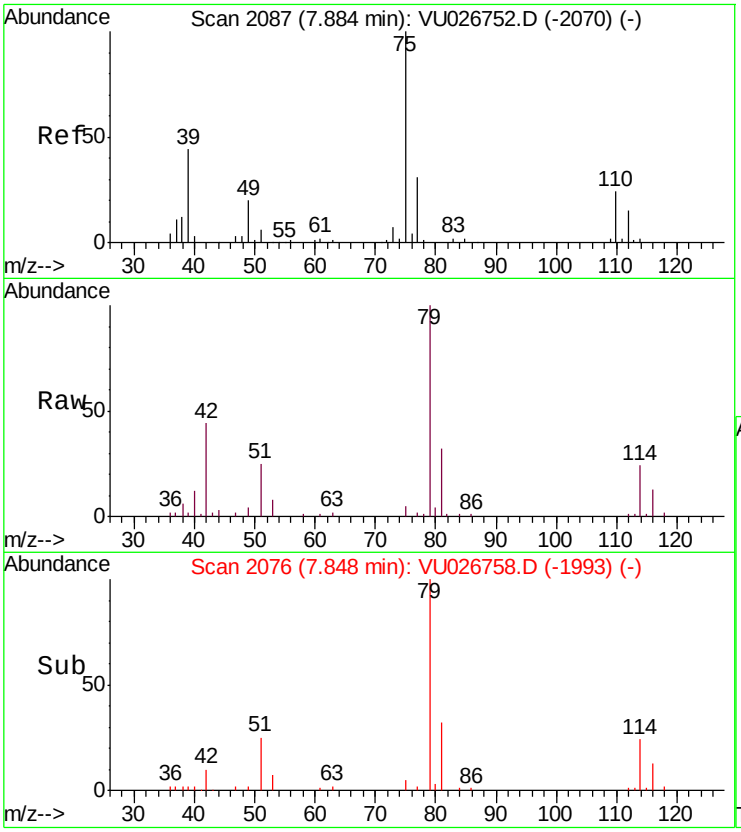


#39
cis-1,3-Dichloropropene
Concen: 0.884 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion: 75 Resp: 1623

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.3	41.3#



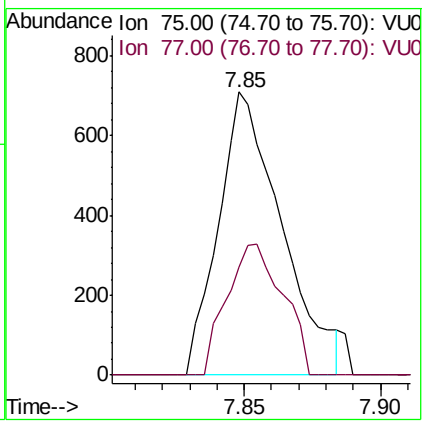


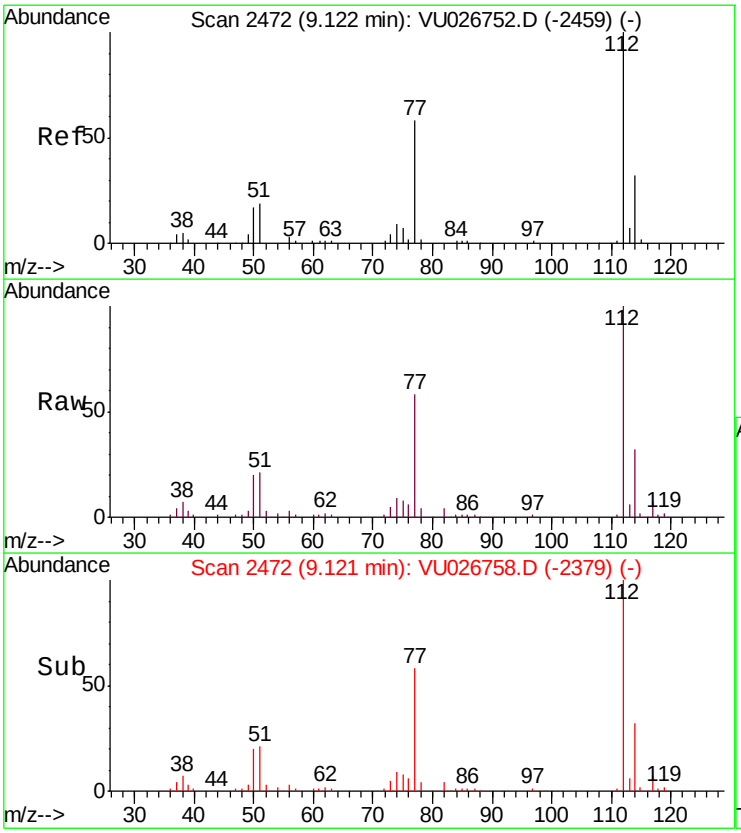
#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Tgt Ion: 75 Resp: 1142

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.4	41.6

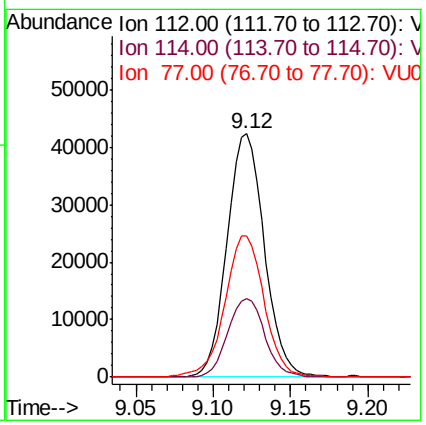


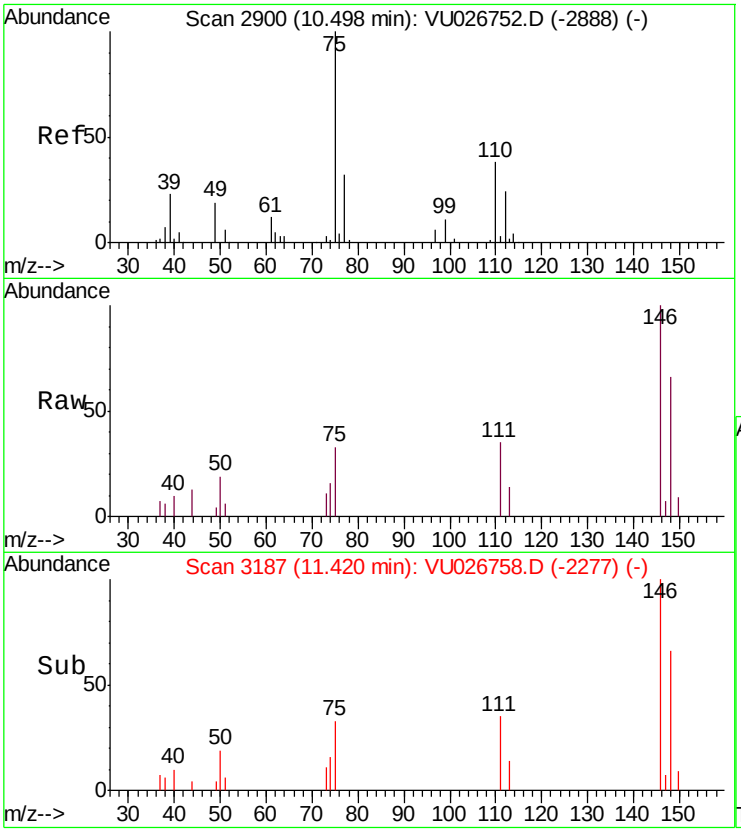


#51
Chlorobenzene
Concen: 23.477 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion:112 Resp: 70929

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.9	42.5
77	57.8	47.2	70.8



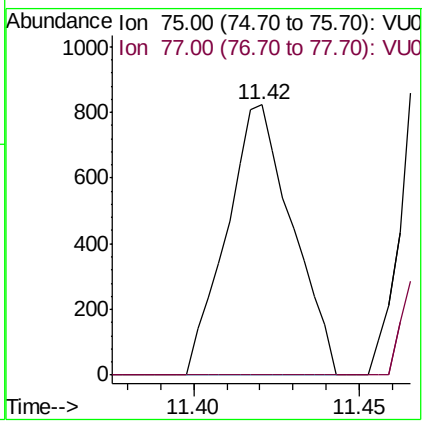


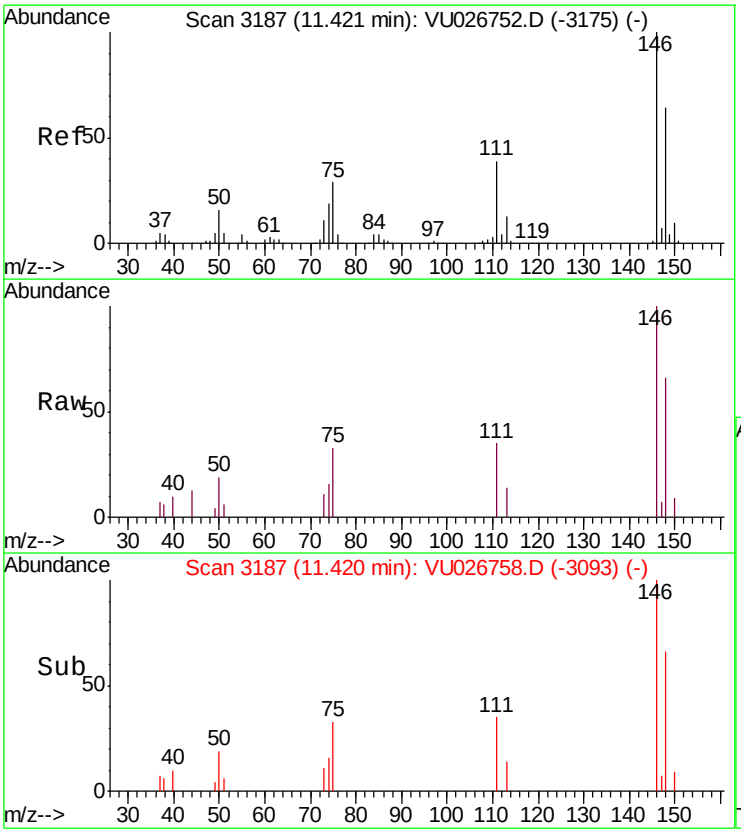
#59
1,2,3-Trichloropropane
Concen: 0.773 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.93 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Tgt Ion: 75 Resp: 1134

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#

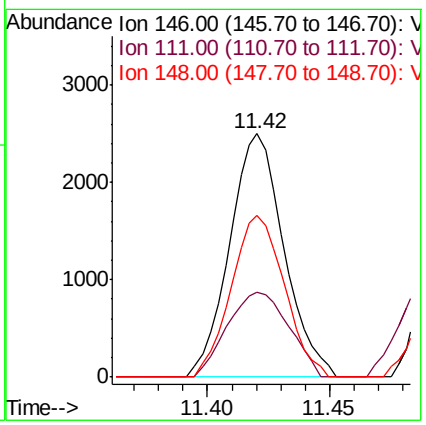


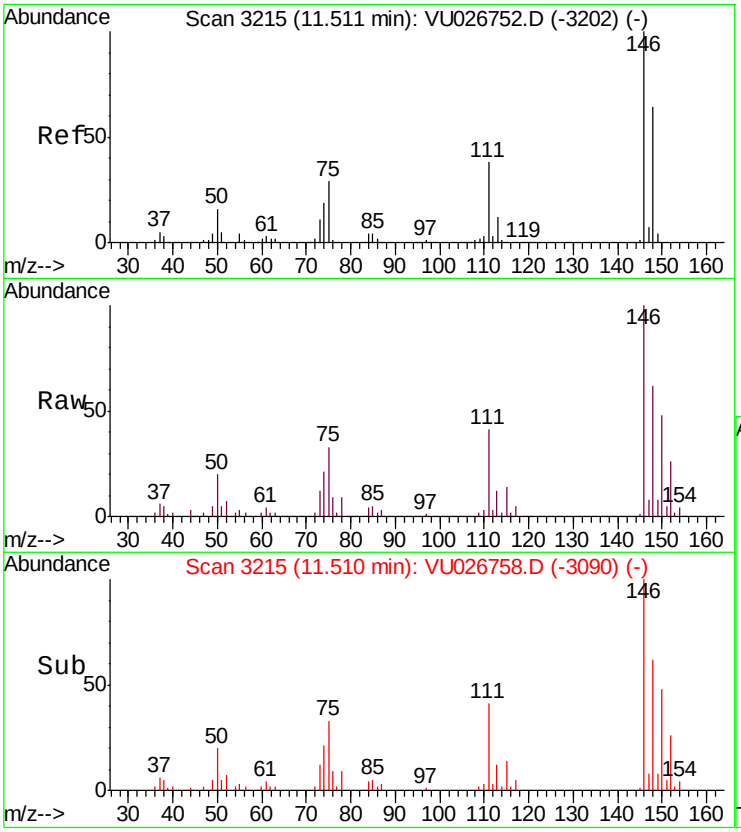


#62
1,3-Dichlorobenzene
Concen: 1.962 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion:146 Resp: 3852

Ion	Ratio	Lower	Upper
146	100		
111	34.7	26.7	49.5
148	66.3	44.2	82.2



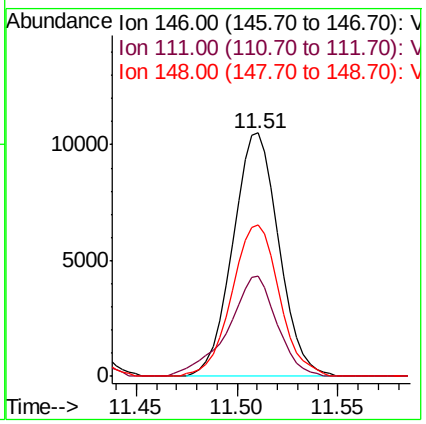


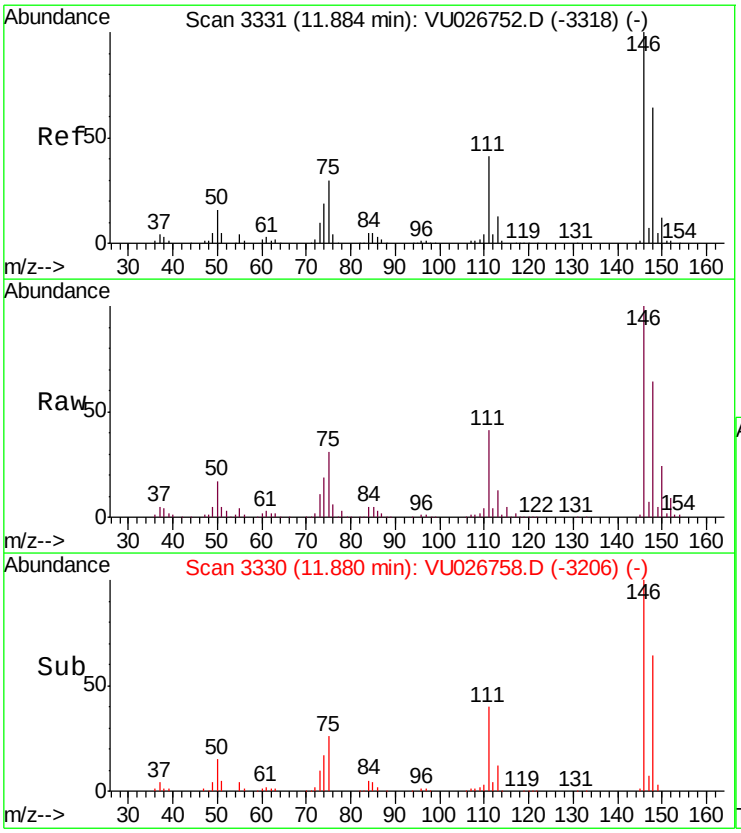
#63
1,4-Dichlorobenzene
Concen: 8.093 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument : MSVOA_U
ClientSampleId : C08N9DL

Tgt Ion:146 Resp: 16832

Ion	Ratio	Lower	Upper
146	100		
111	41.4	26.5	49.3
148	62.4	45.2	84.0

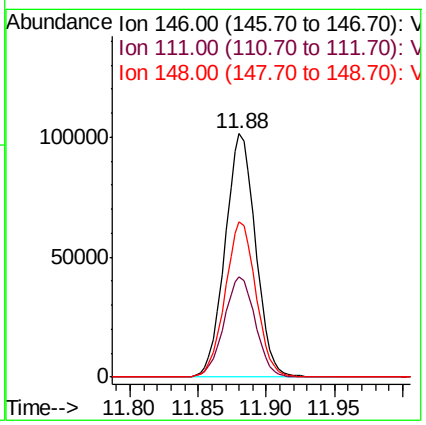


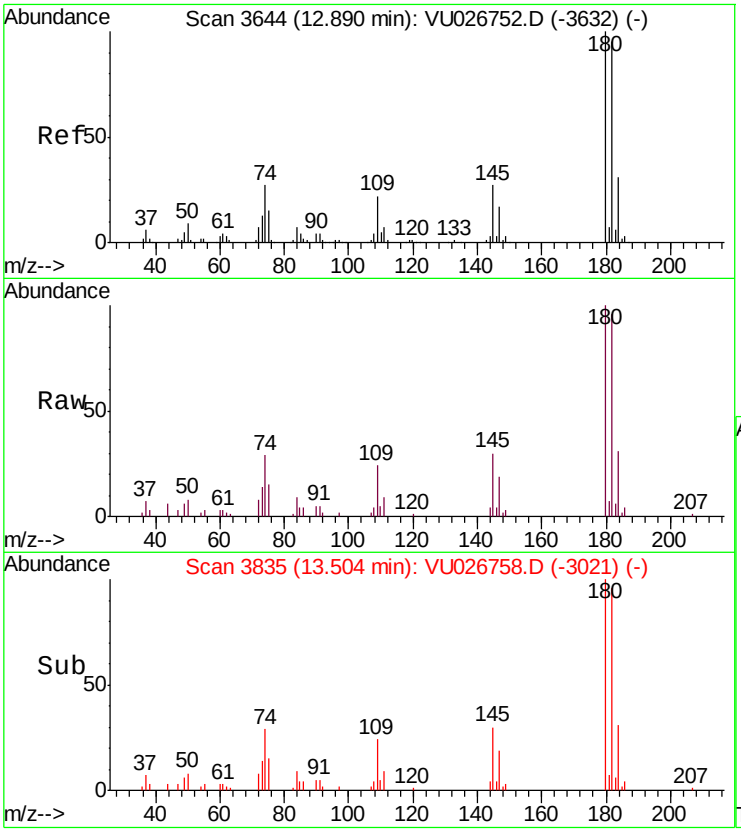


#65
1,2-Dichlorobenzene
Concen: 76.055 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion:146 Resp: 157812

Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.8	49.2
148	64.0	52.2	78.4



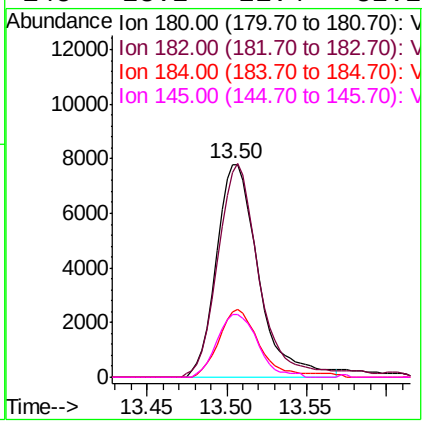


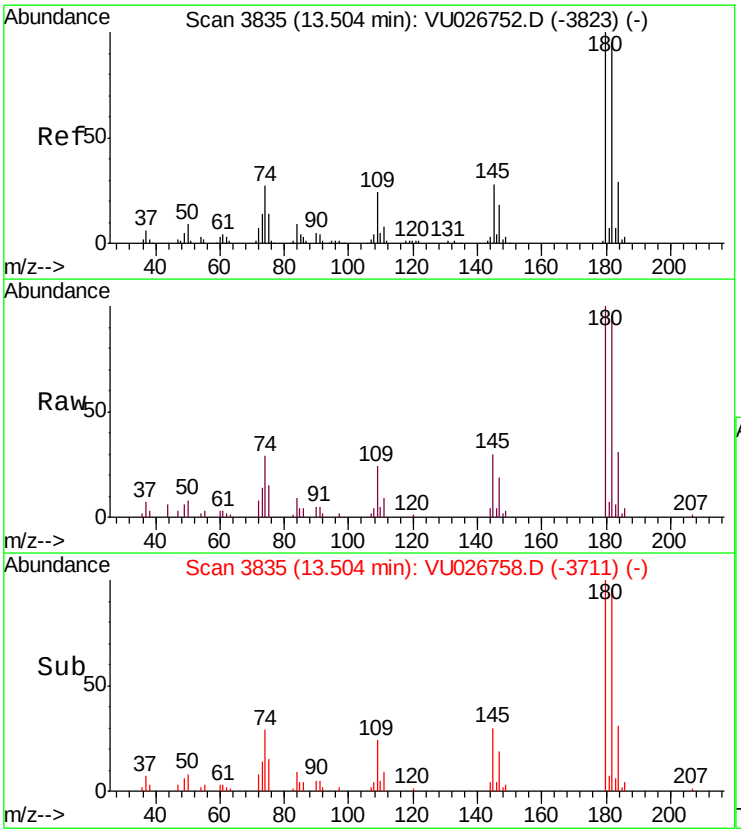
#67
1,3,5-Trichlorobenzene
Concen: 9.066 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :
C08N9DL

Tgt Ion:180 Resp: 14118

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
184	30.3	24.2	36.2
145	28.2	21.4	32.2

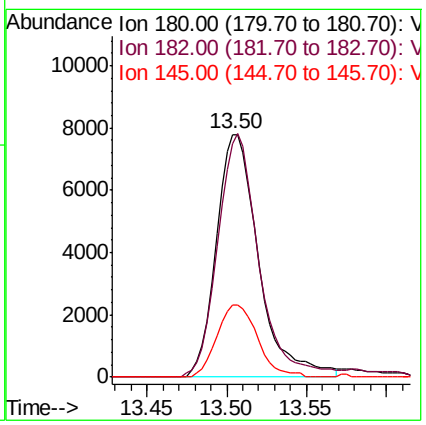


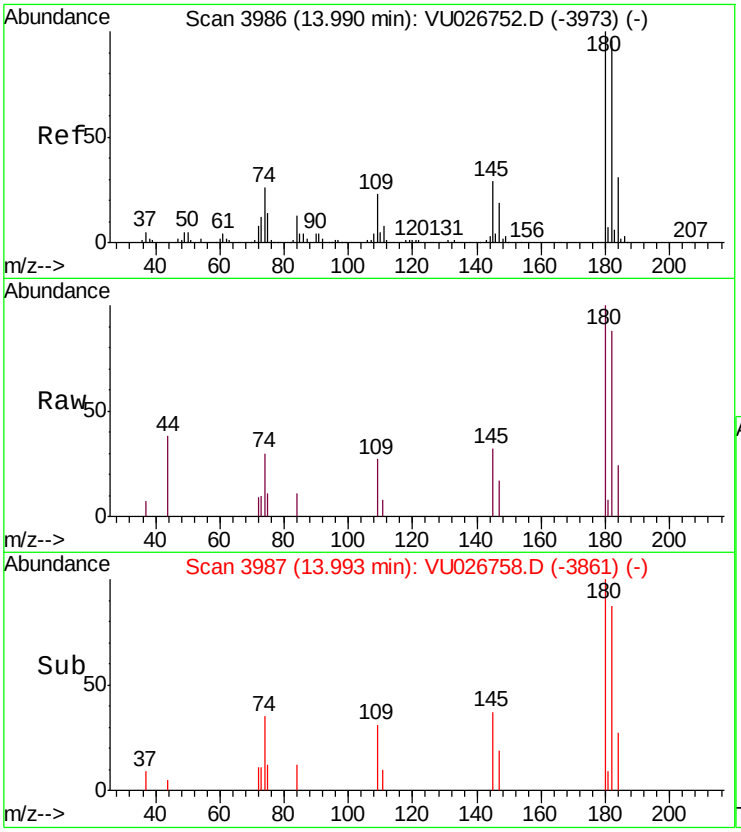


#68
1,2,4-trichlorobenzene
Concen: 10.430 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Tgt Ion:180 Resp: 14118

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.0	114.0
145	28.2	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 1.794 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026758.D
Acq: 14 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :
C08N9DL

Tgt Ion:180 Resp: 2630

Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.7	115.1
145	24.1	23.0	34.6