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

Quantitation Report (Not Reviewed)

Data File : VU026754.D
Acq On : 14 Sep 2018 10:32
Operator : MD/SY
Sample : J4893-02DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Quant Time: Sep 15 07:00:53 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	192170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79900	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58126	40.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.18%			
7) Chloroethane-d5	1.68	69	47466	41.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.26%			
11) 1,1-Dichloroethene-d2	2.27	63	83173	32.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.90%			
21) 2-Butanone-d5	4.18	46	81919	91.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.92%			
24) Chloroform-d	4.65	84	99623	41.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.68%			
26) 1,2-Dichloroethane-d4	5.31	65	67608	43.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.76%			
32) Benzene-d6	5.34	84	201520	43.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.58%			
36) 1,2-Dichloropropane-d6	6.33	67	69693	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.24%			
41) Toluene-d8	7.57	98	180789	41.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.78%			
43) trans-1,3-Dichloropropene-	7.85	79	29817	41.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.12%			
47) 2-Hexanone-d5	8.31	63	56423	88.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.53%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90535	42.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	70653	44.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.72%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	734	0.622	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	666	0.588	ug/L #	1
13) Acetone	2.32	43	918	0.904	ug/L	80
35) Methylcyclohexane	6.33	83	15564	7.767	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7205	5.121	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1725	0.829	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	1262	0.652	ug/L #	70
51) Chlorobenzene	9.12	112	121346	35.403	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	11100	6.668	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	9440	4.115	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	25565	10.519	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	154757	63.826	ug/L	98
67) 1,3,5-Trichlorobenzene	13.50	180	38986	21.423	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	38986	24.648	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	11900	6.946	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : VU026754.D
Acq On : 14 Sep 2018 10:32
Operator : MD/SY
Sample : J4893-02DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Quant Time: Sep 15 07:00:53 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

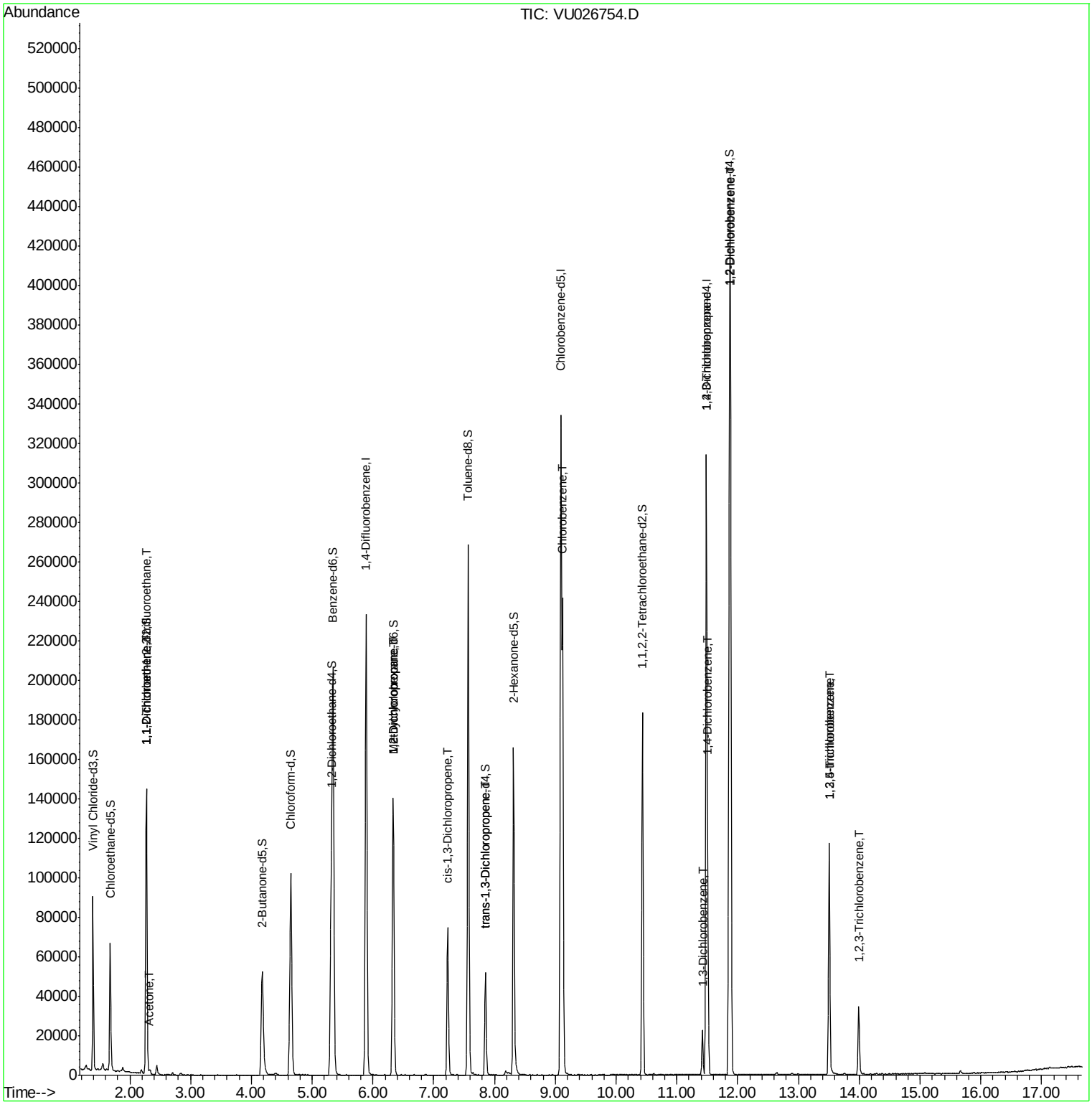
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

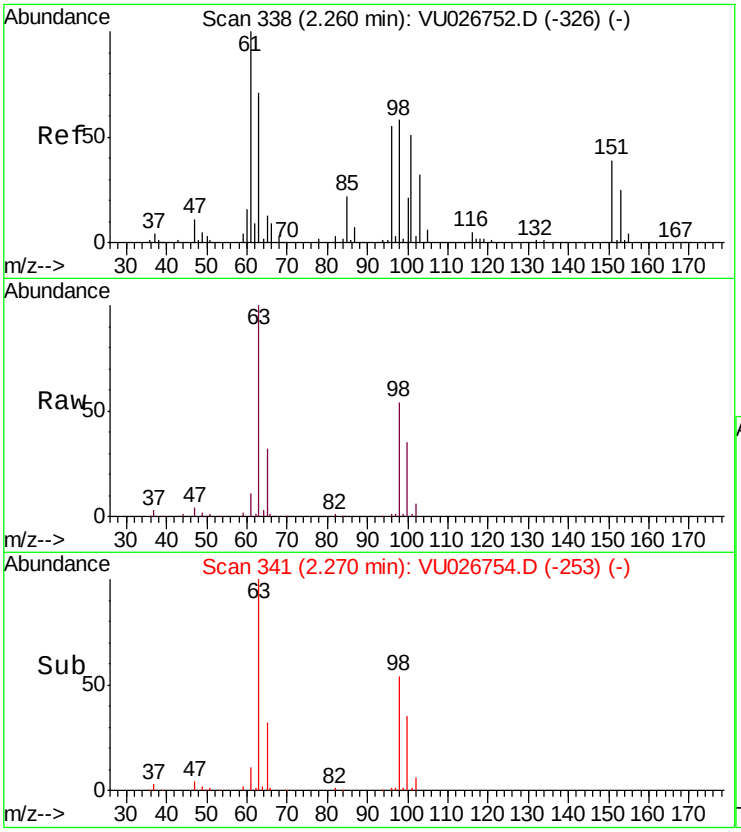
Quantitation Report (Not Reviewed)

Data File : VU026754.D
Acq On : 14 Sep 2018 10:32
Operator : MD/SY
Sample : J4893-02DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Quant Time: Sep 15 07:00:53 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



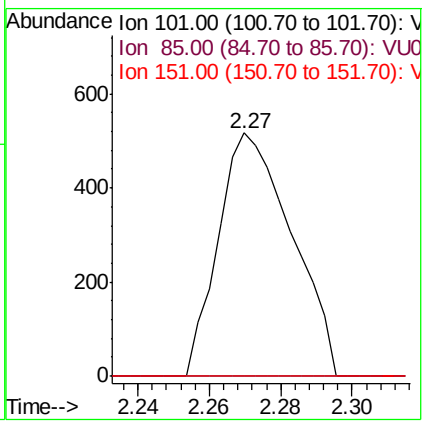


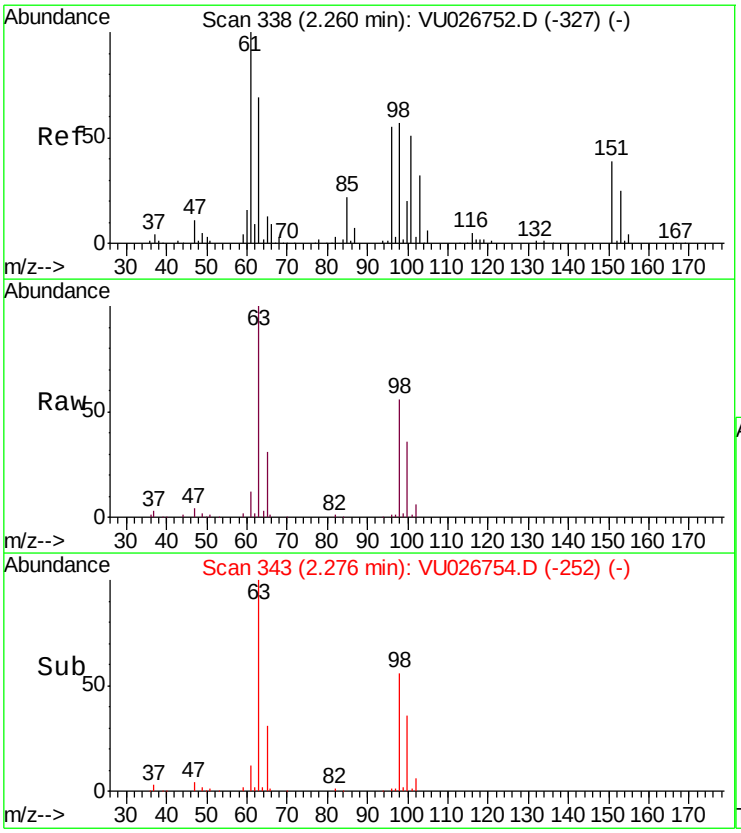
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.622 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument :
MSVOA_U
ClientSampleId :
C08K1DL

Tgt Ion:101 Resp: 734

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

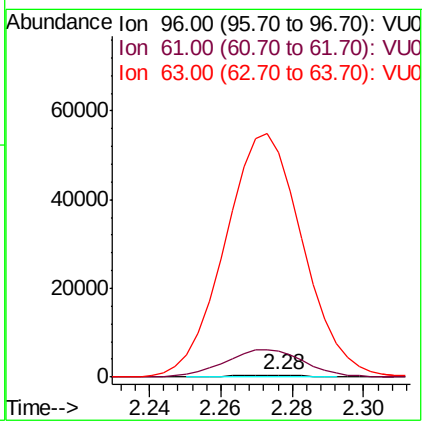


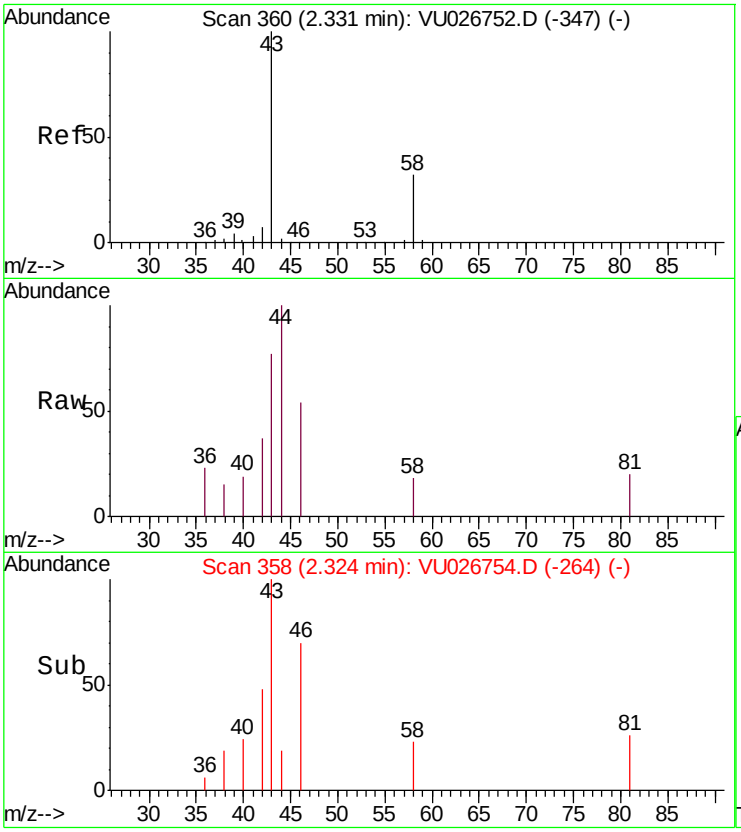


#12
1,1-Dichloroethene
Concen: 0.588 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion: 96 Resp: 666

Ion	Ratio	Lower	Upper
96	100		
61	1278.2	121.0	224.8#
63	11011.8	89.9	166.9#



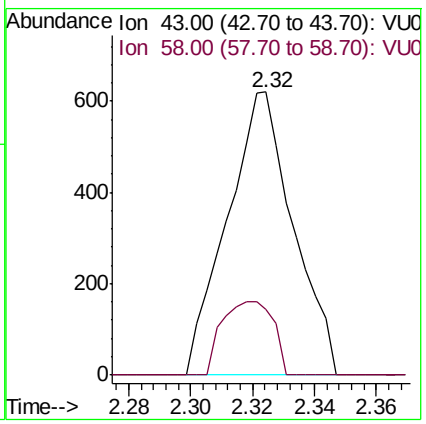


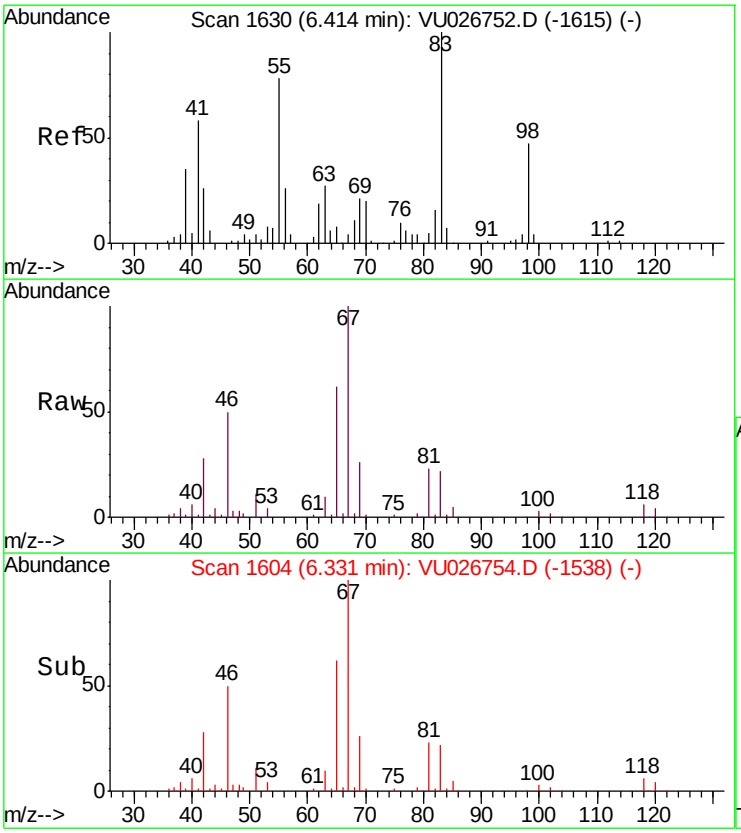
#13
Acetone
Concen: 0.904 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	62.8

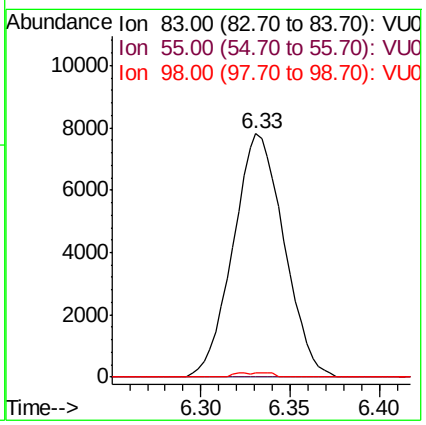


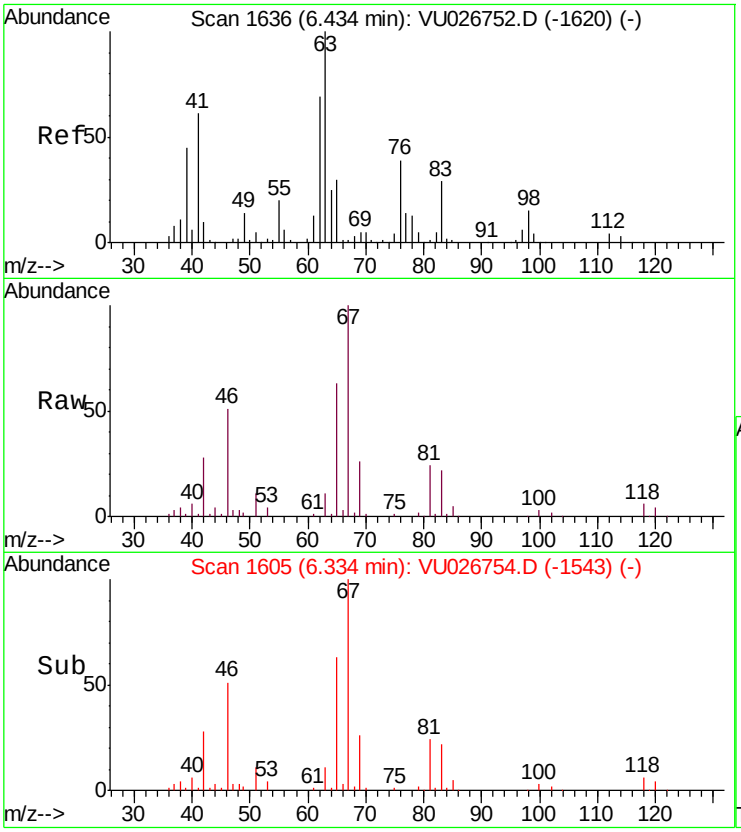


#35
Methylcyclohexane
Concen: 7.767 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion: 83 Resp: 15564

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.6	37.0	55.4#



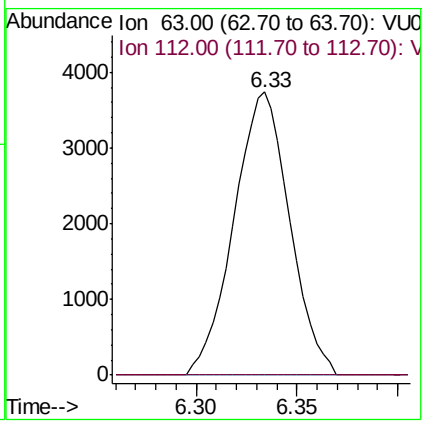


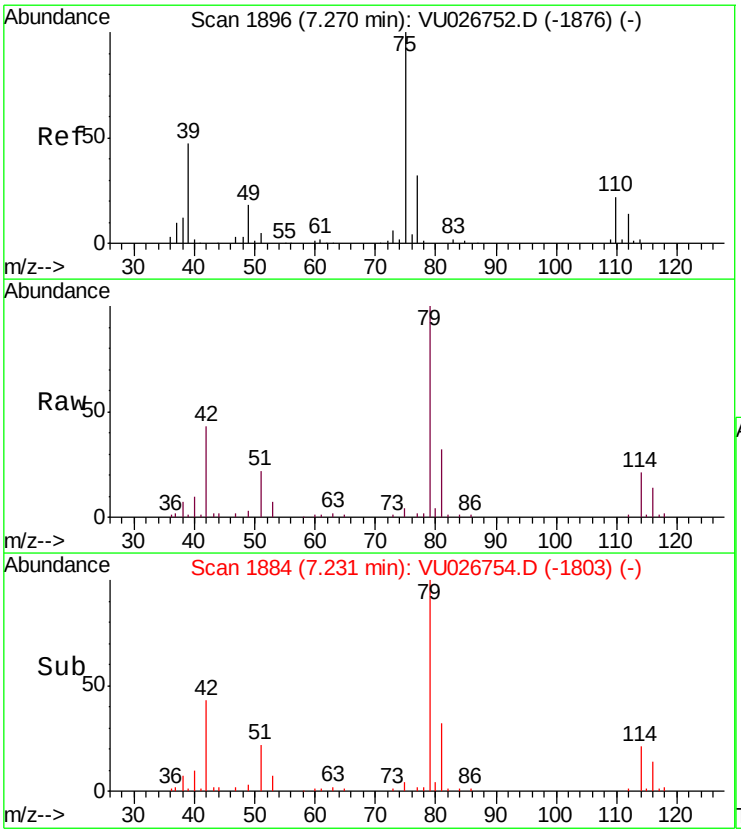
#37
1,2-Dichloropropane
Concen: 5.121 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Tgt Ion: 63 Resp: 7205

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

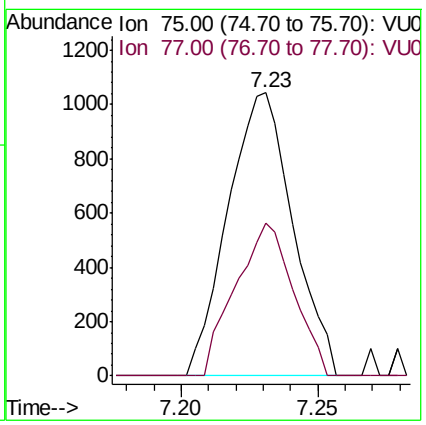


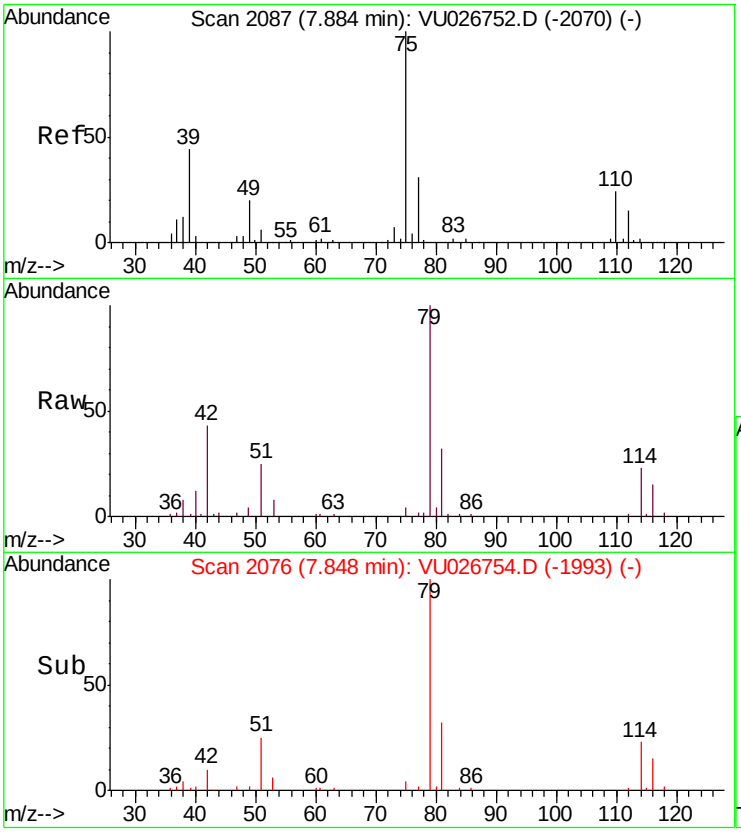


#39
cis-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion: 75 Resp: 1725

Ion	Ratio	Lower	Upper
75	100		
77	54.2	22.3	41.3#



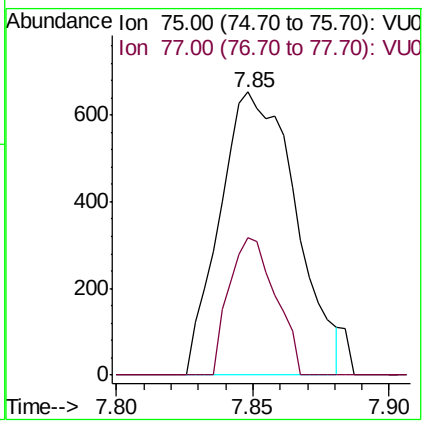


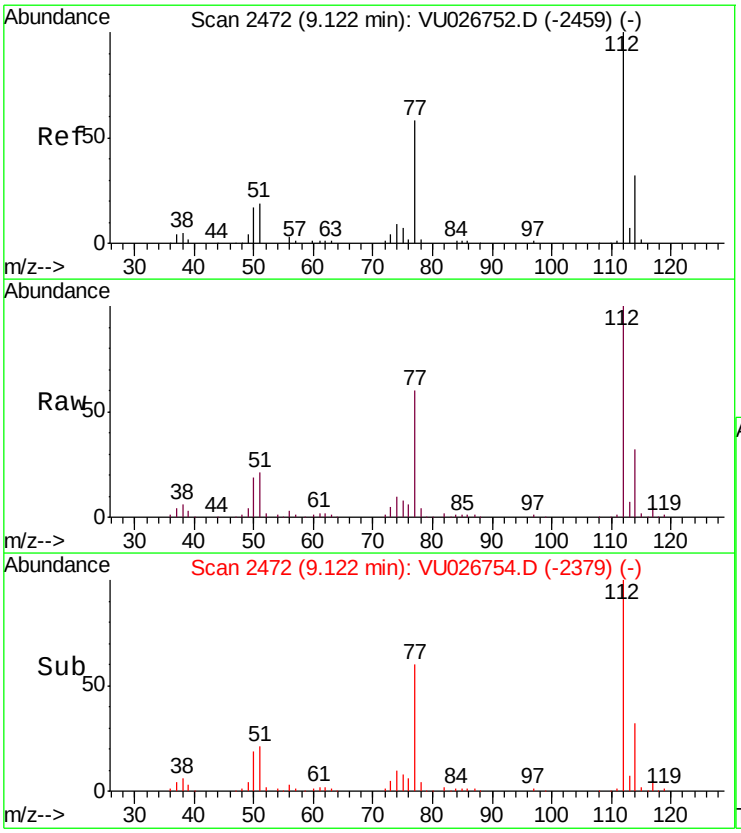
#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Tgt Ion: 75 Resp: 1262

Ion	Ratio	Lower	Upper
75	100		
77	48.7	22.4	41.6#

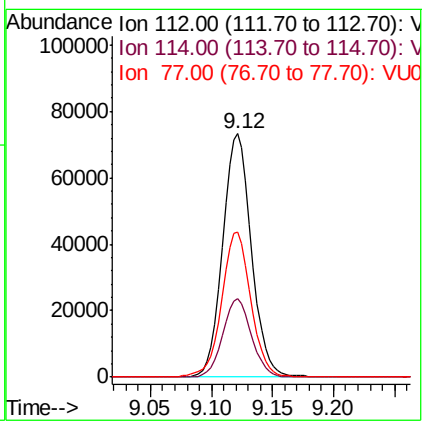


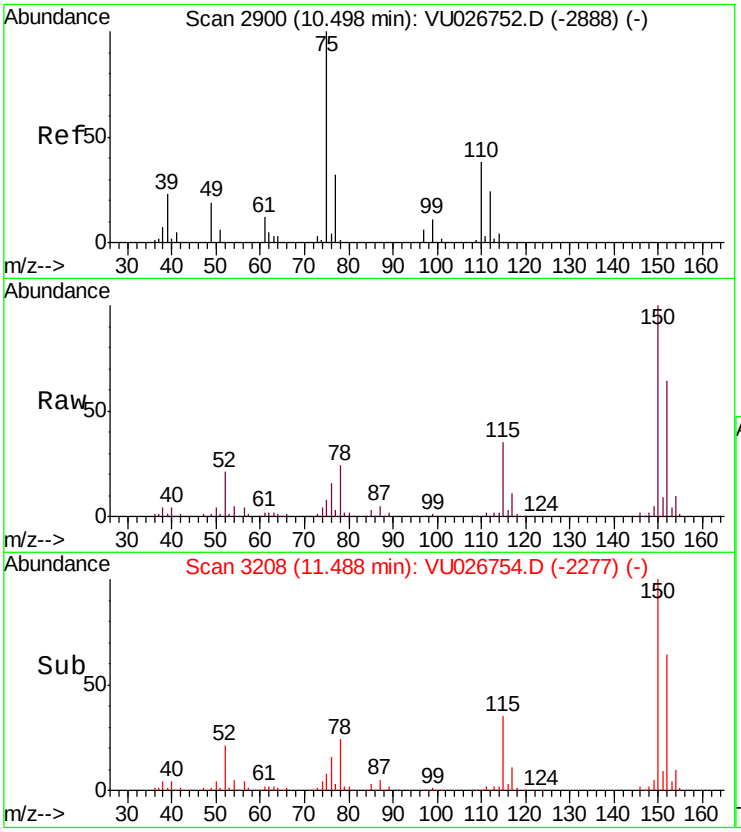


#51
Chlorobenzene
Concen: 35.403 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion:112 Resp: 121346

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	59.6	47.2	70.8



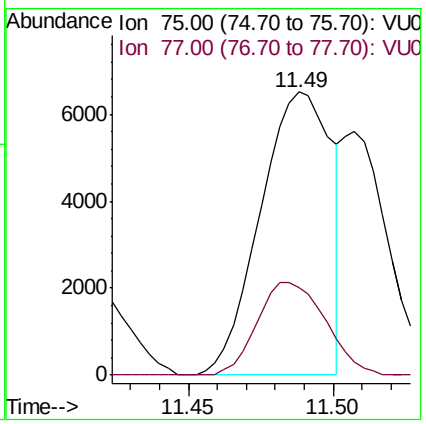


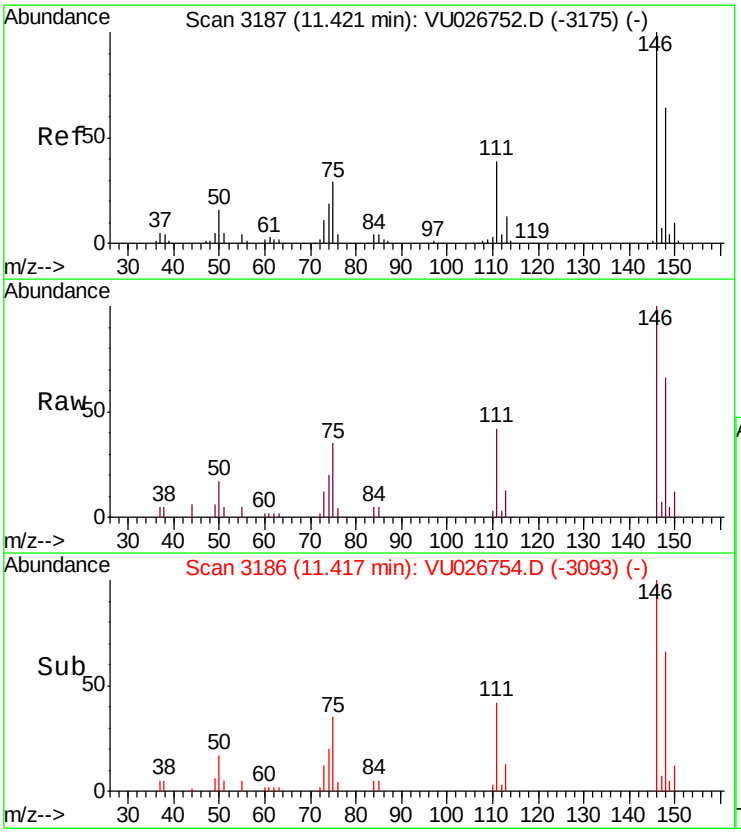
#59
1,2,3-Trichloropropane
Concen: 6.668 ug/L
RT: 11.49 min Scan# 3208
Delta R.T. 0.99 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument :
MSVOA_U
ClientSampleId :
C08K1DL

Tgt Ion: 75 Resp: 11100

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6

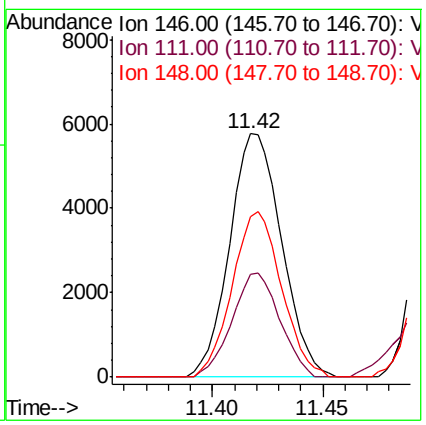


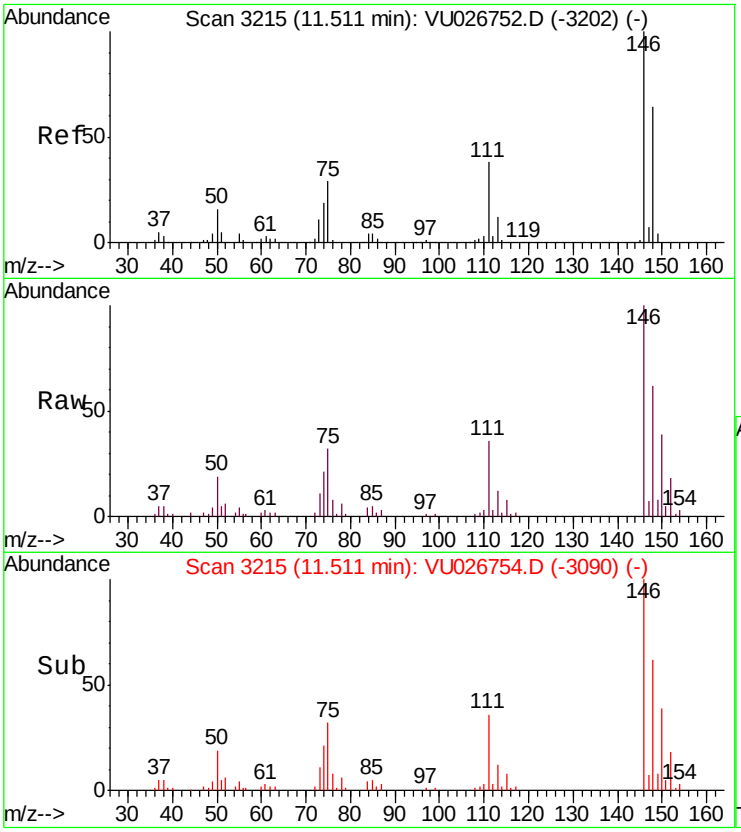


#62
1,3-Dichlorobenzene
Concen: 4.115 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion:146 Resp: 9440

Ion	Ratio	Lower	Upper
146	100		
111	42.4	26.7	49.5
148	65.8	44.2	82.2



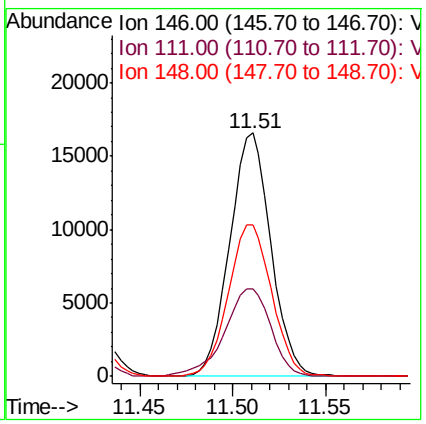


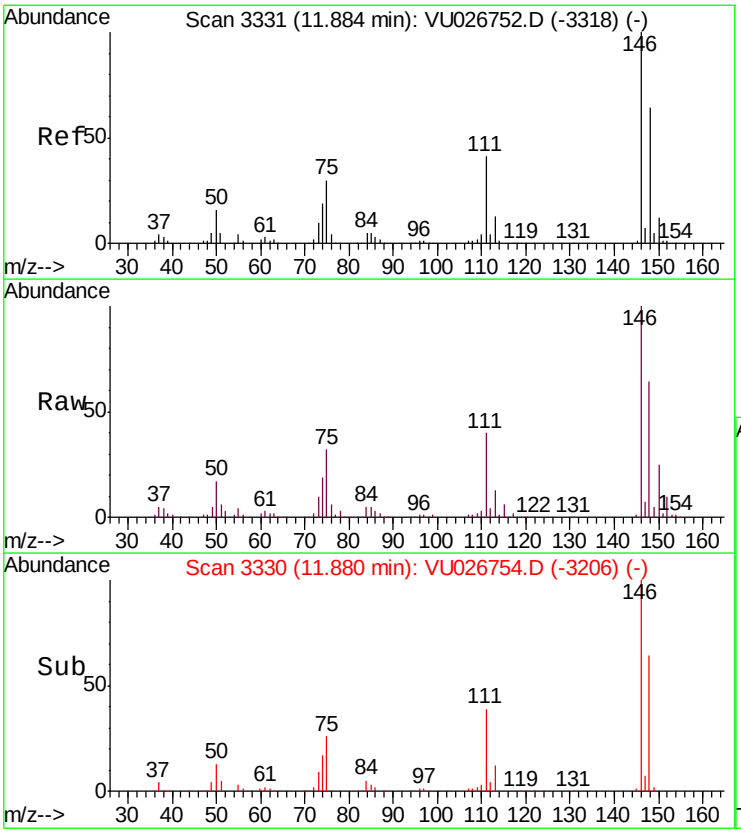
#63
1,4-Dichlorobenzene
Concen: 10.519 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument : MSVOA_U
ClientSampleId : C08K1DL

Tgt Ion:146 Resp: 25565

Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.5	49.3
148	62.3	45.2	84.0

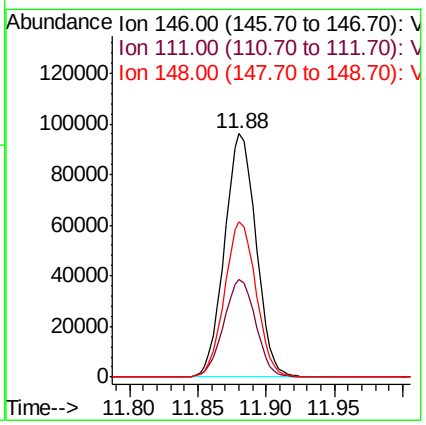


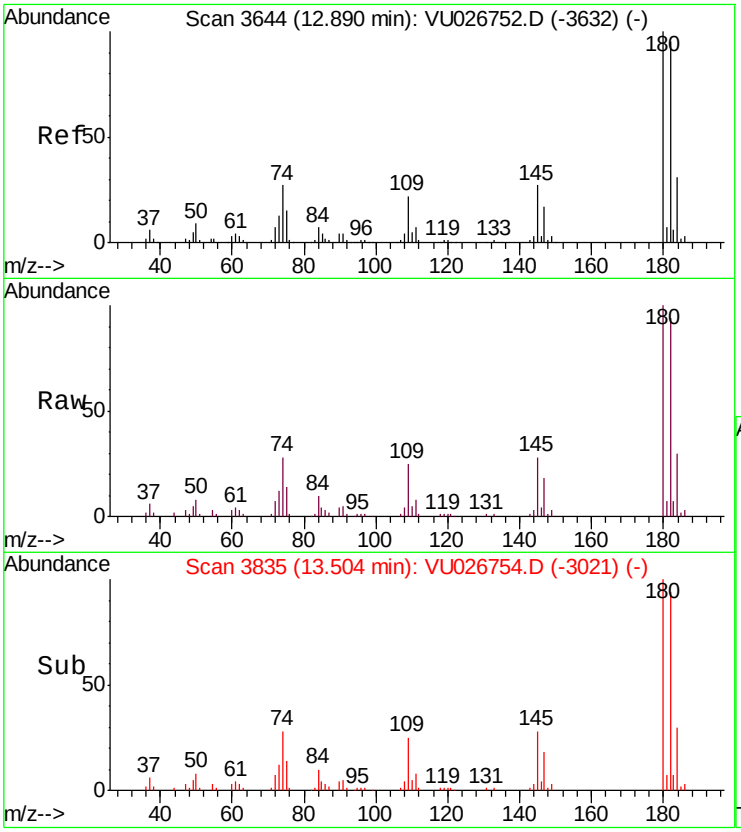


#65
1,2-Dichlorobenzene
Concen: 63.826 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion:146 Resp: 154757

Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.8	49.2
148	63.9	52.2	78.4



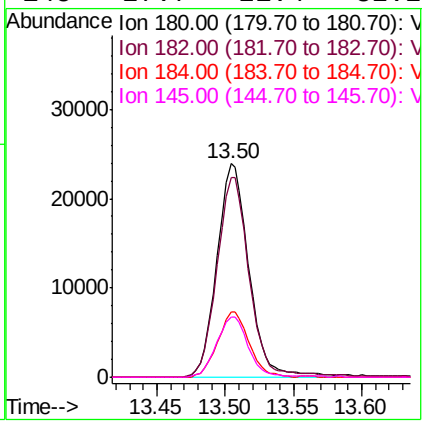


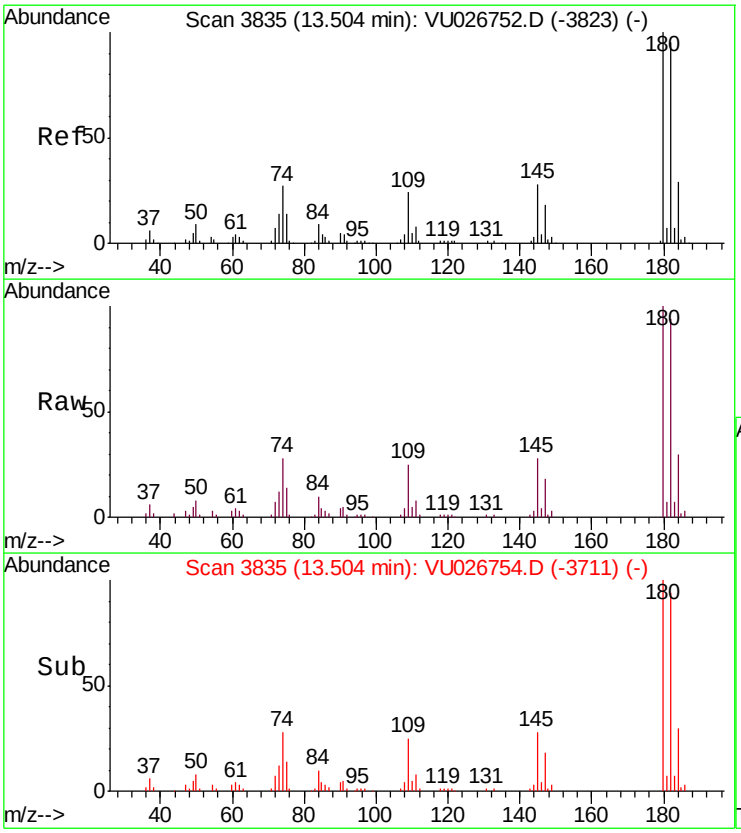
#67
1,3,5-Trichlorobenzene
Concen: 21.423 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument :
MSVOA_U
ClientSampleId :
C08K1DL

Tgt Ion:180 Resp: 38986

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.8	115.2
184	30.0	24.2	36.2
145	27.7	21.4	32.2

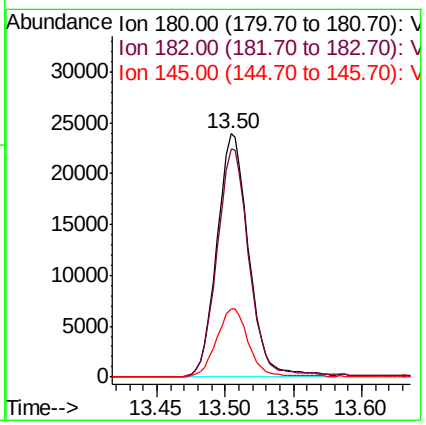


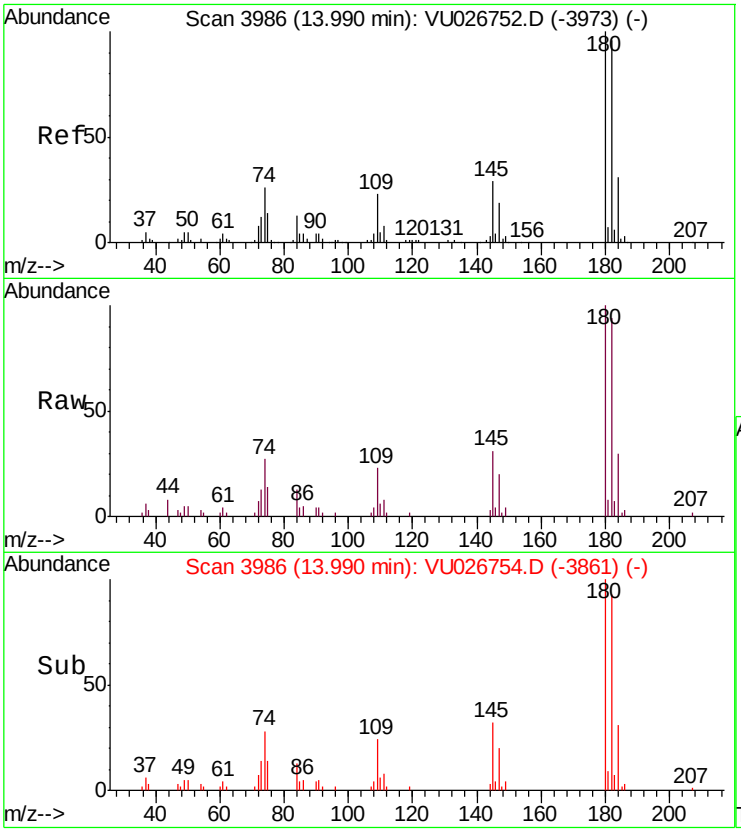


#68
1,2,4-trichlorobenzene
Concen: 24.648 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Tgt Ion:180 Resp: 38986

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	27.7	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 6.946 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026754.D
Acq: 14 Sep 2018 10:32

Instrument :
MSVOA_U
ClientSampleId :
C08K1DL

Tgt Ion:180 Resp: 11900

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.7	115.1
145	31.6	23.0	34.6