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

Quantitation Report (Not Reviewed)

Data File : VU026763.D
Acq On : 14 Sep 2018 14:03
Operator : MD/SY
Sample : J4893-06DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Quant Time: Sep 15 07:02:20 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	167137	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68642	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54183	43.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.00%			
7) Chloroethane-d5	1.68	69	45833	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.34%			
11) 1,1-Dichloroethene-d2	2.27	63	77654	34.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.68%			
21) 2-Butanone-d5	4.18	46	81619	105.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.30%			
24) Chloroform-d	4.65	84	92871	44.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.68%			
26) 1,2-Dichloroethane-d4	5.31	65	63006	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.96%			
32) Benzene-d6	5.34	84	191585	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.26%			
36) 1,2-Dichloropropane-d6	6.33	67	65854	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.52%			
41) Toluene-d8	7.57	98	168051	43.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.18%			
43) trans-1,3-Dichloropropene-	7.85	79	27811	43.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.78%			
47) 2-Hexanone-d5	8.31	63	53963	95.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87185	46.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65838	48.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.22%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	714	0.696	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	670	0.680	ug/L #	1
13) Acetone	2.32	43	1009	1.143	ug/L	78
35) Methylcyclohexane	6.33	83	14385	8.133	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6784	5.462	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1123	0.657	ug/L	91
48) 2-Hexanone	8.31	43	6666	4.984	ug/L #	68
51) Chlorobenzene	9.12	112	56524	18.683	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	1417	0.964	ug/L #	42
62) 1,3-Dichlorobenzene	11.42	146	4991	2.532	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	35147	16.833	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	93722	44.993	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	25893	16.562	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	25893	19.055	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	3946	2.681	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : VU026763.D
Acq On : 14 Sep 2018 14:03
Operator : MD/SY
Sample : J4893-06DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Quant Time: Sep 15 07:02:20 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

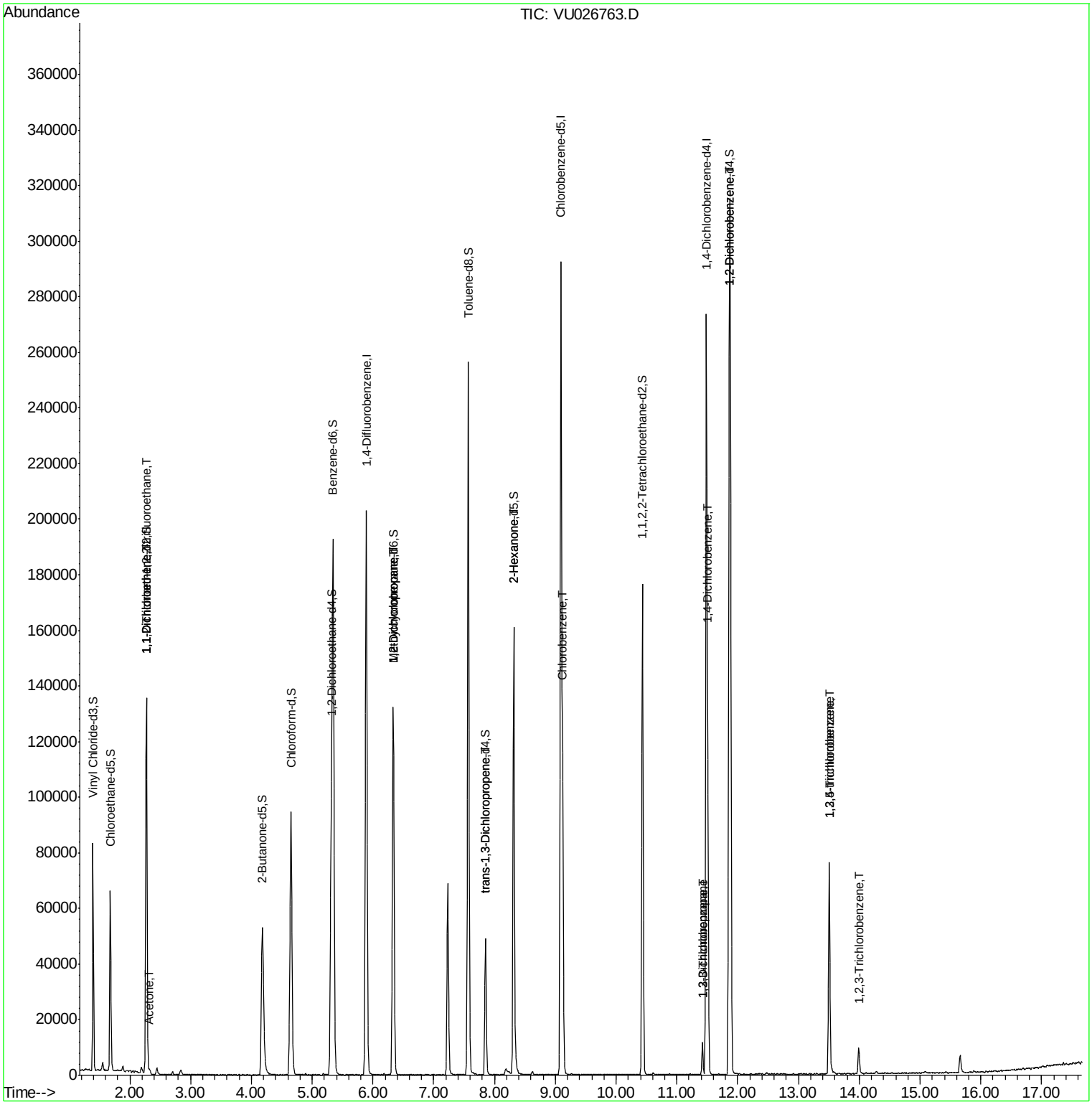
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

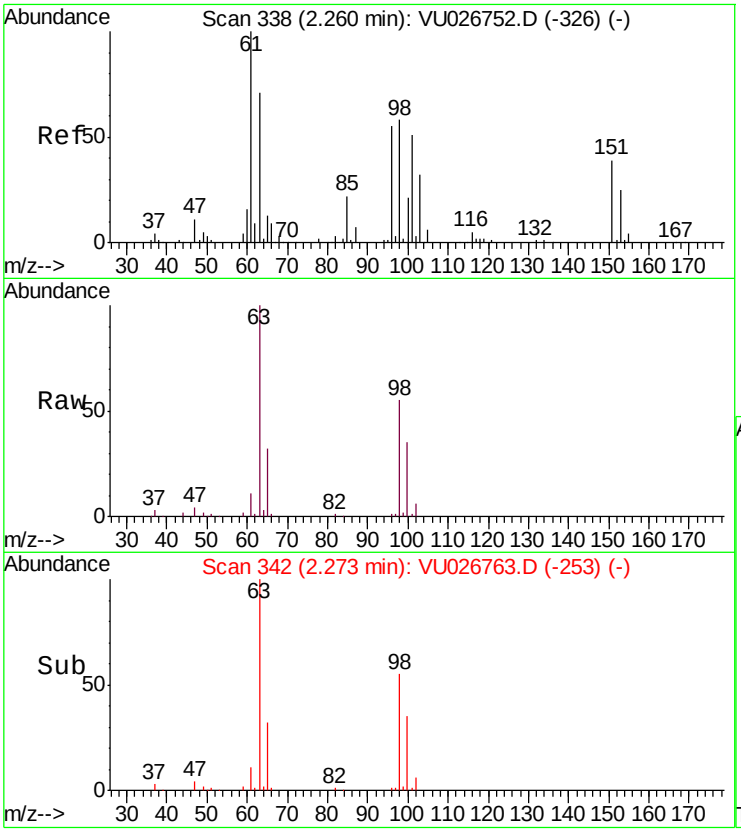
Quantitation Report (Not Reviewed)

Data File : VU026763.D
Acq On : 14 Sep 2018 14:03
Operator : MD/SY
Sample : J4893-06DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Quant Time: Sep 15 07:02:20 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



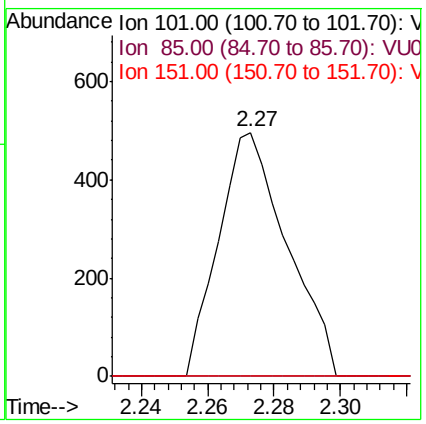


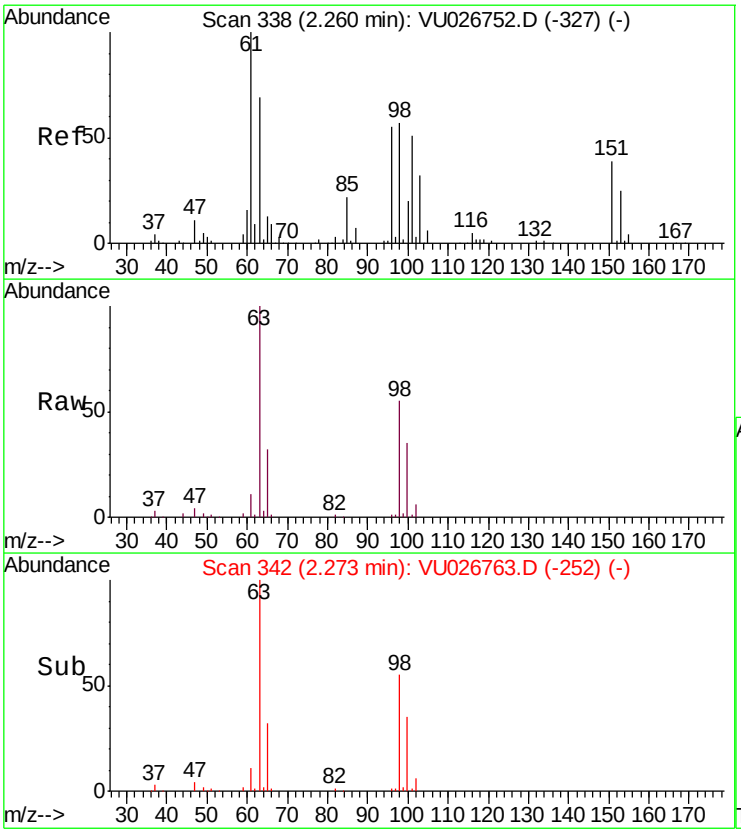
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.696 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Tgt Ion:101 Resp: 714

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

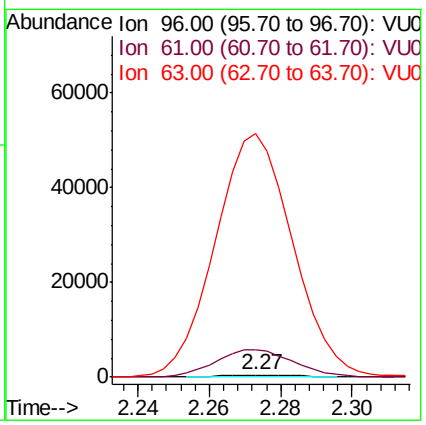


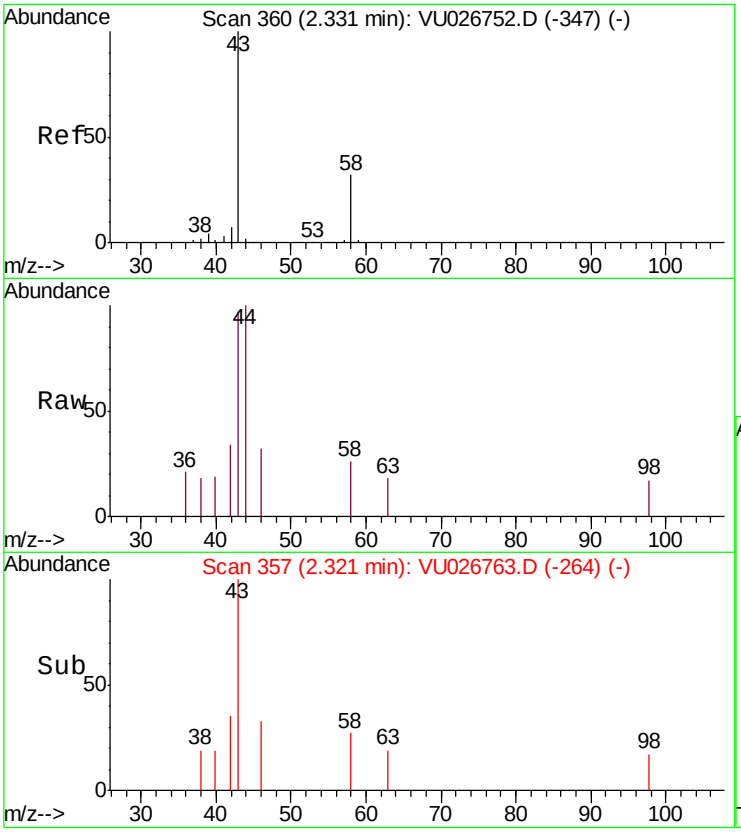


#12
1,1-Dichloroethene
Concen: 0.680 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion: 96 Resp: 670

Ion	Ratio	Lower	Upper
96	100		
61	1273.4	121.0	224.8#
63	11226.2	89.9	166.9#



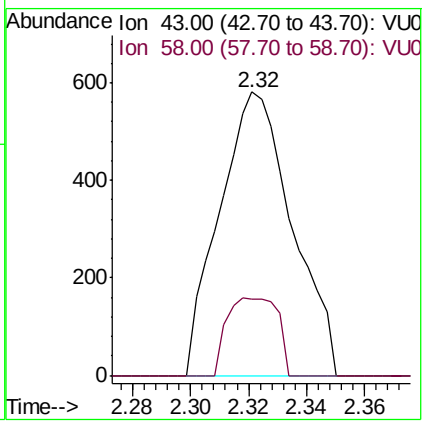


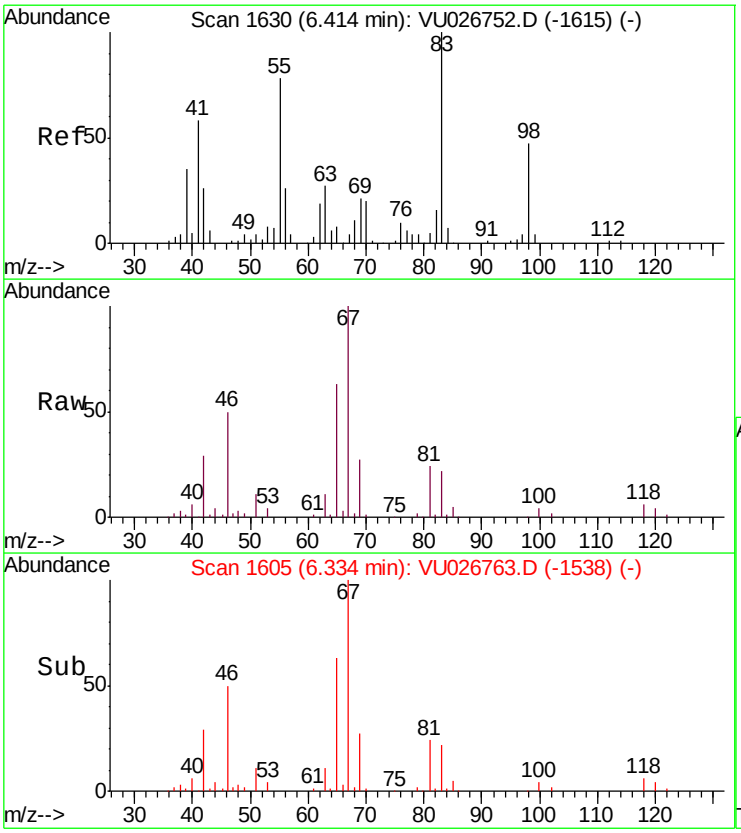
#13
Acetone
Concen: 1.143 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Tgt Ion: 43 Resp: 1009

Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	62.8

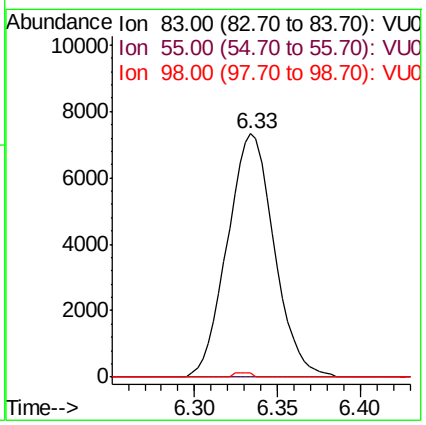


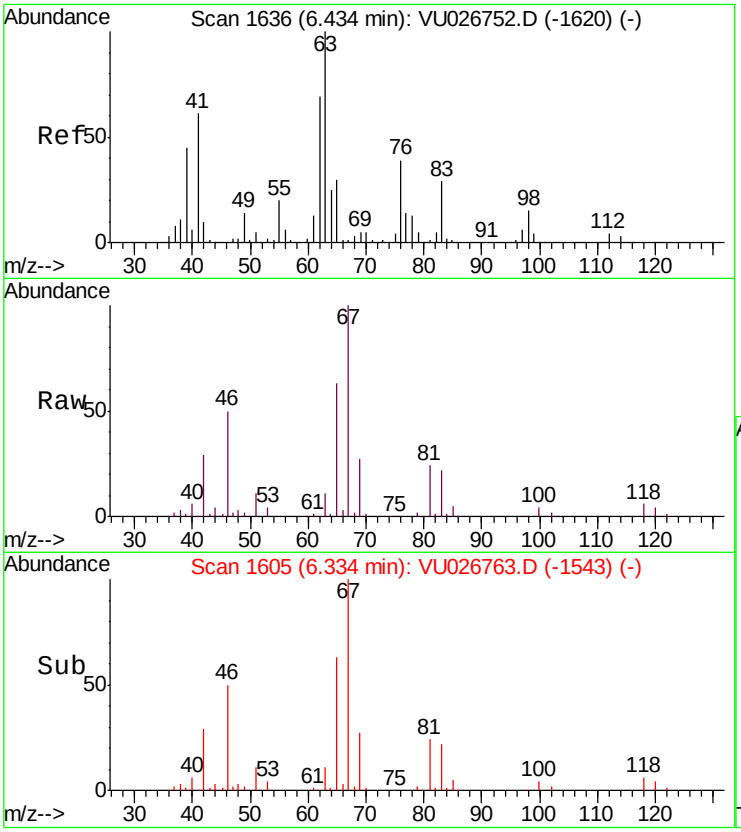


#35
Methylcyclohexane
Concen: 8.133 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion: 83 Resp: 14385

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.7	37.0	55.4#



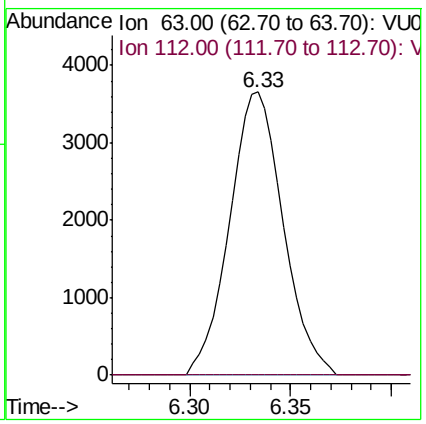


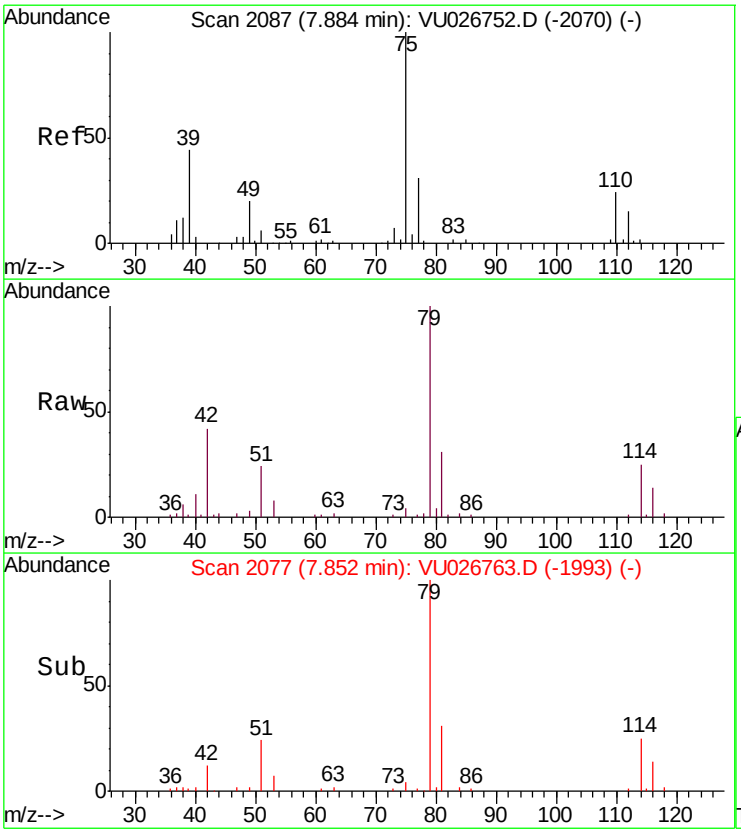
#37
1,2-Dichloropropane
Concen: 5.462 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Tgt Ion: 63 Resp: 6784

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

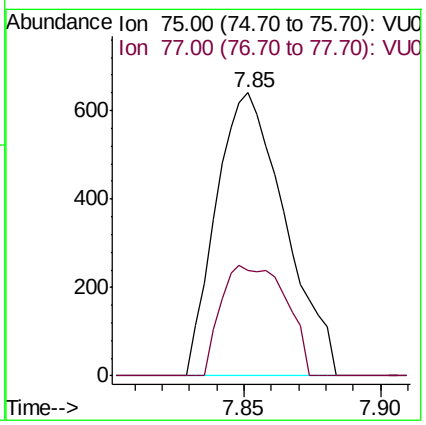


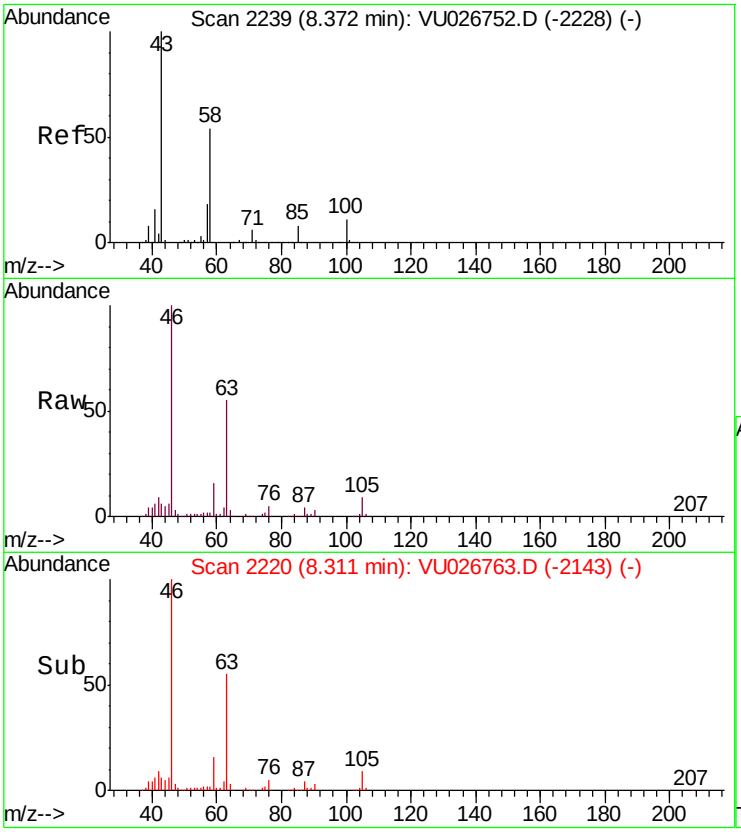


#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion: 75 Resp: 1123

Ion	Ratio	Lower	Upper
75	100		
77	37.2	22.4	41.6



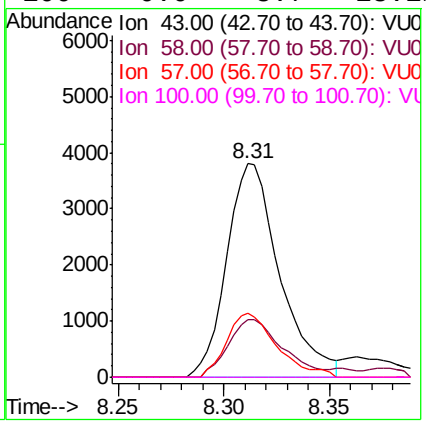


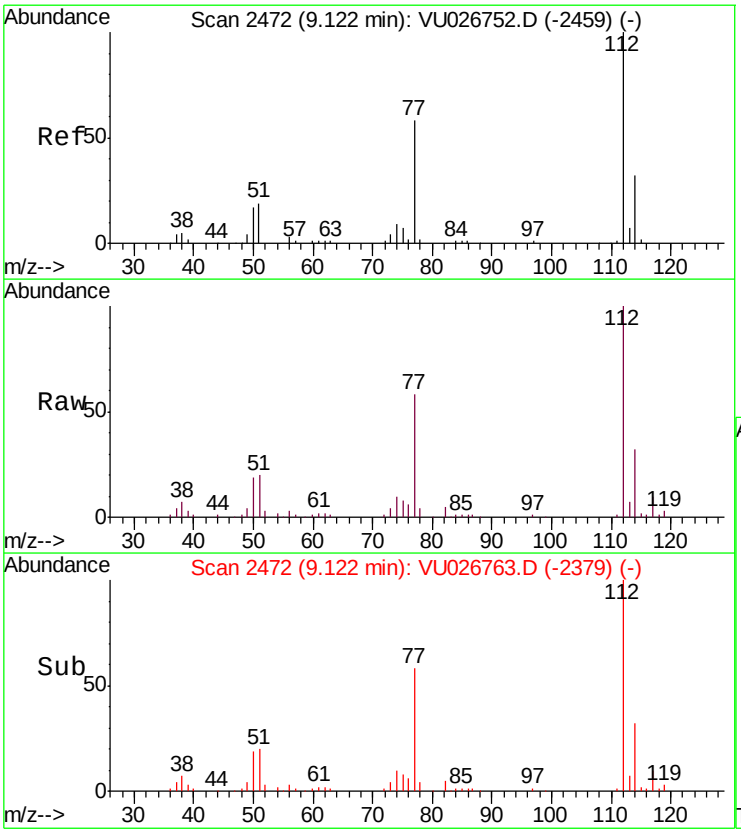
#48
2-Hexanone
Concen: 4.984 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Tgt Ion: 43 Resp: 6666

Ion	Ratio	Lower	Upper
43	100		
58	27.6	42.2	63.4#
57	27.6	14.4	21.6#
100	0.0	8.7	13.1#

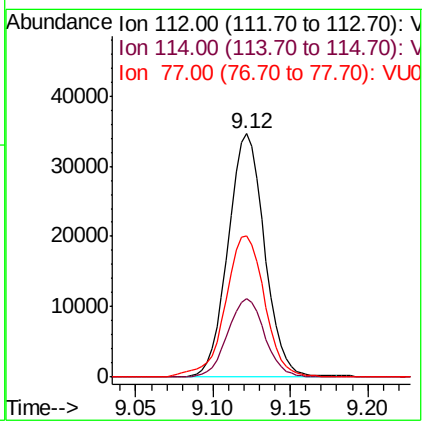


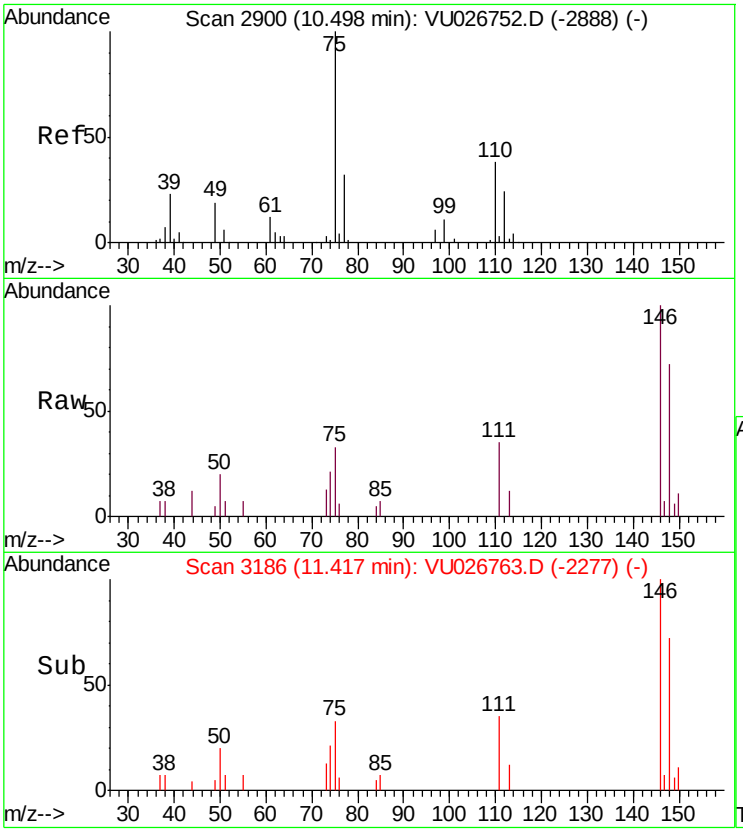


#51
Chlorobenzene
Concen: 18.683 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion:112 Resp: 56524

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	58.3	47.2	70.8



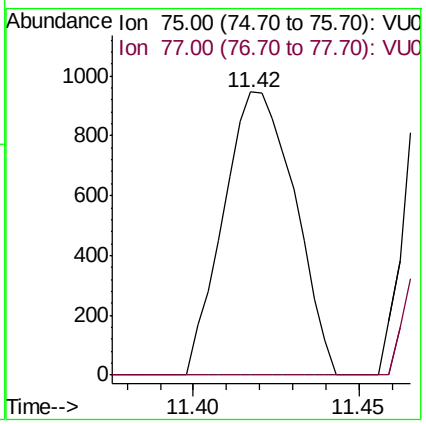


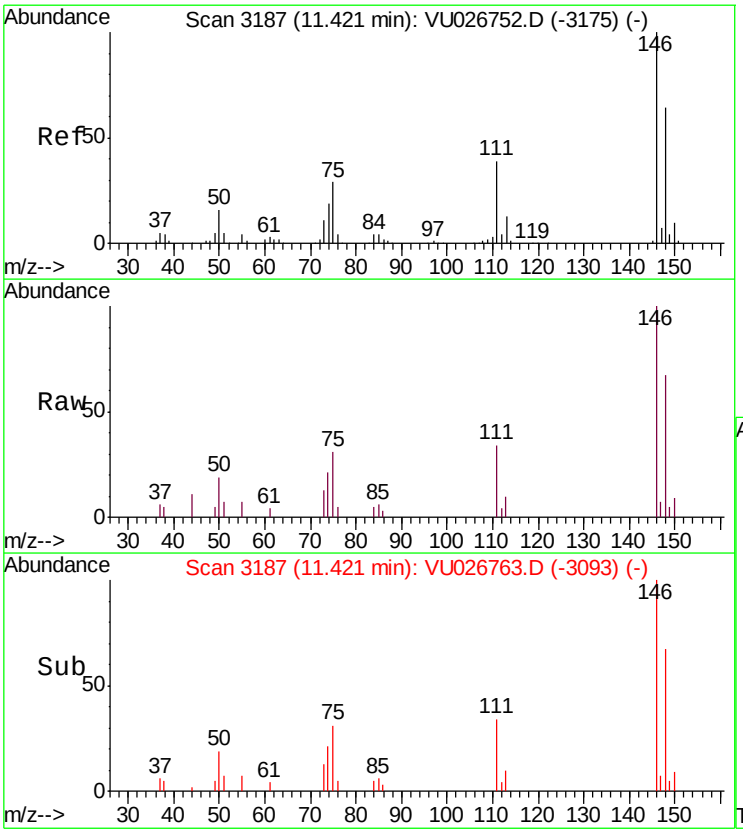
#59
1,2,3-Trichloropropane
Concen: 0.964 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.92 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument : MSVOA_U
ClientSampleId : C08L1DL

Tgt Ion: 75 Resp: 1417

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#

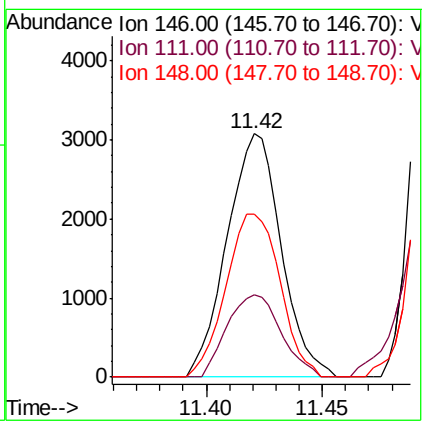


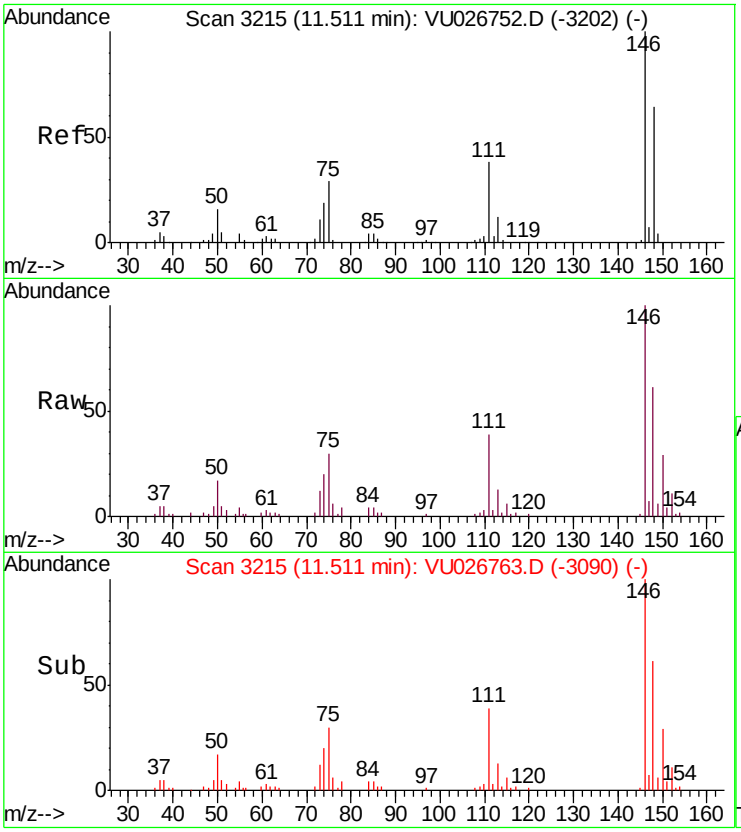


#62
1,3-Dichlorobenzene
Concen: 2.532 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion:146 Resp: 4991

Ion	Ratio	Lower	Upper
146	100		
111	33.7	26.7	49.5
148	67.2	44.2	82.2



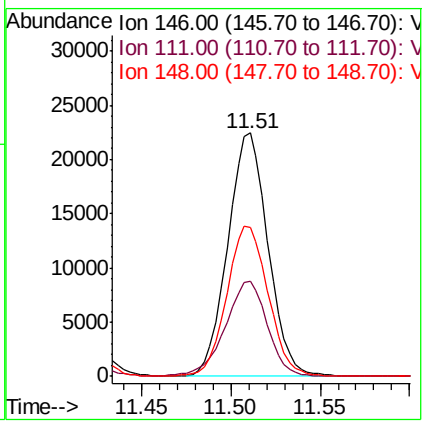


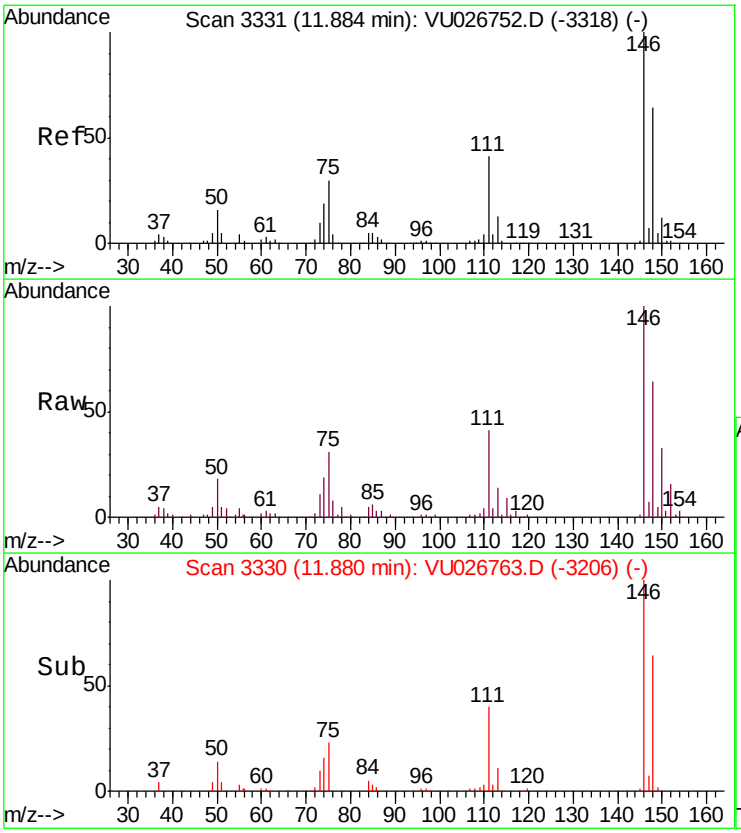
#63
1,4-Dichlorobenzene
Concen: 16.833 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
C08L1DL

Tgt Ion:146 Resp: 35147

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	49.3
148	61.3	45.2	84.0

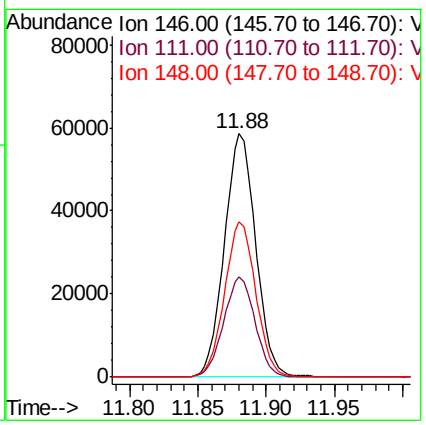


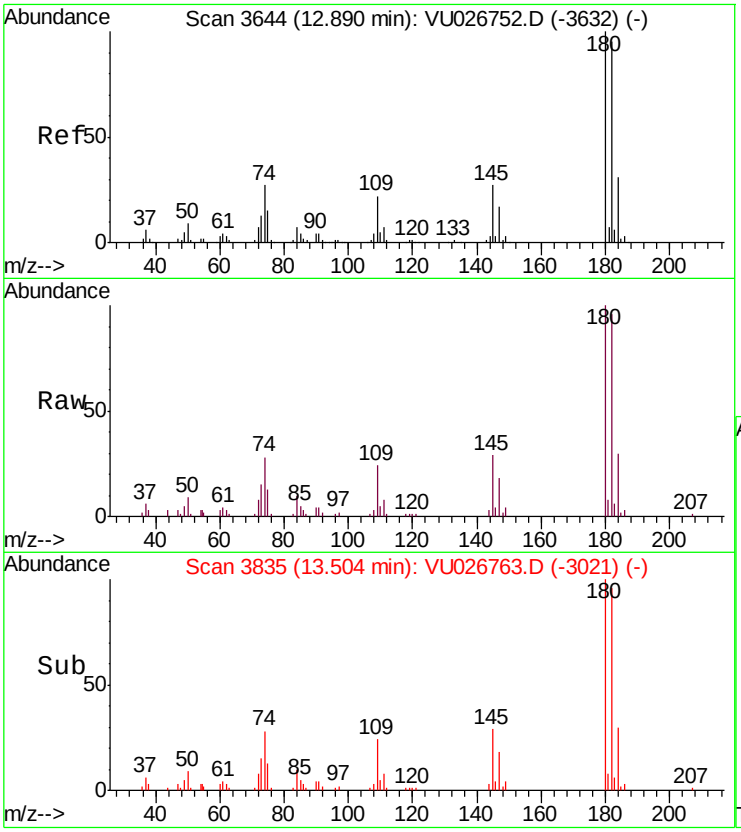


#65
1,2-Dichlorobenzene
Concen: 44.993 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion:146 Resp: 93722

Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.8	49.2
148	63.7	52.2	78.4



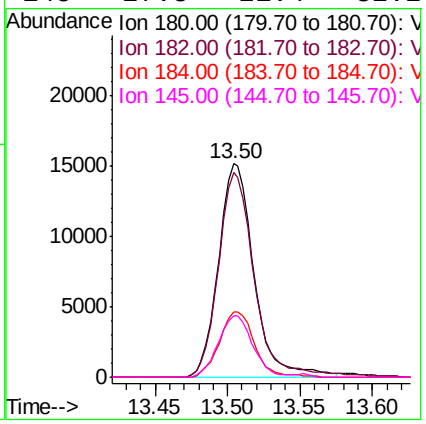


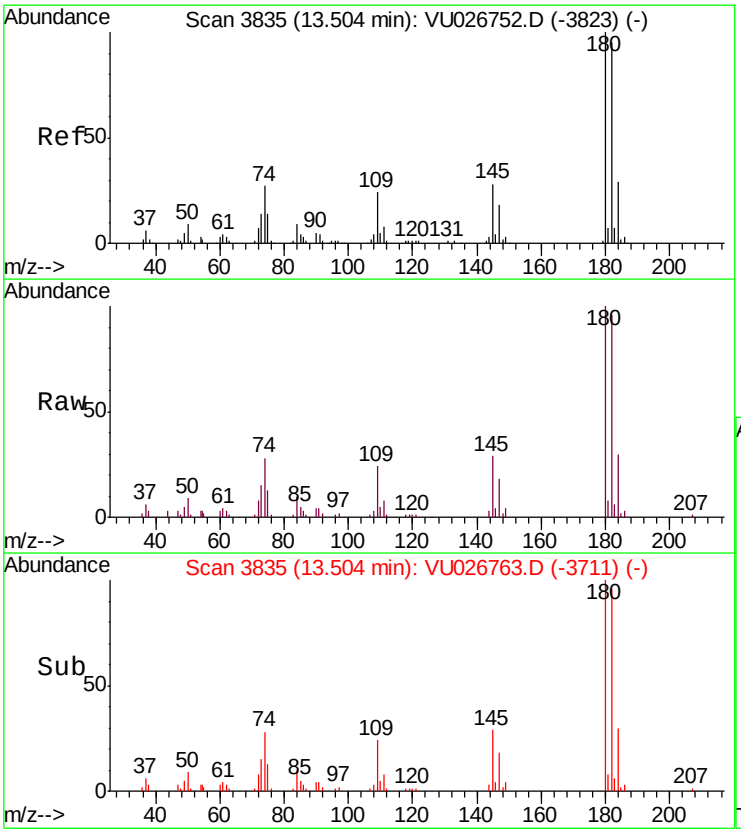
#67
1,3,5-Trichlorobenzene
Concen: 16.562 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
C08L1DL

Tgt Ion:180 Resp: 25893

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.8	115.2
184	30.1	24.2	36.2
145	27.8	21.4	32.2

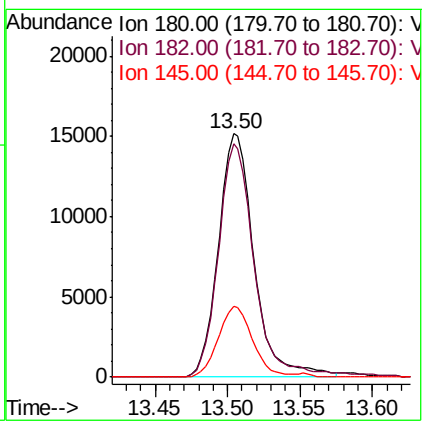


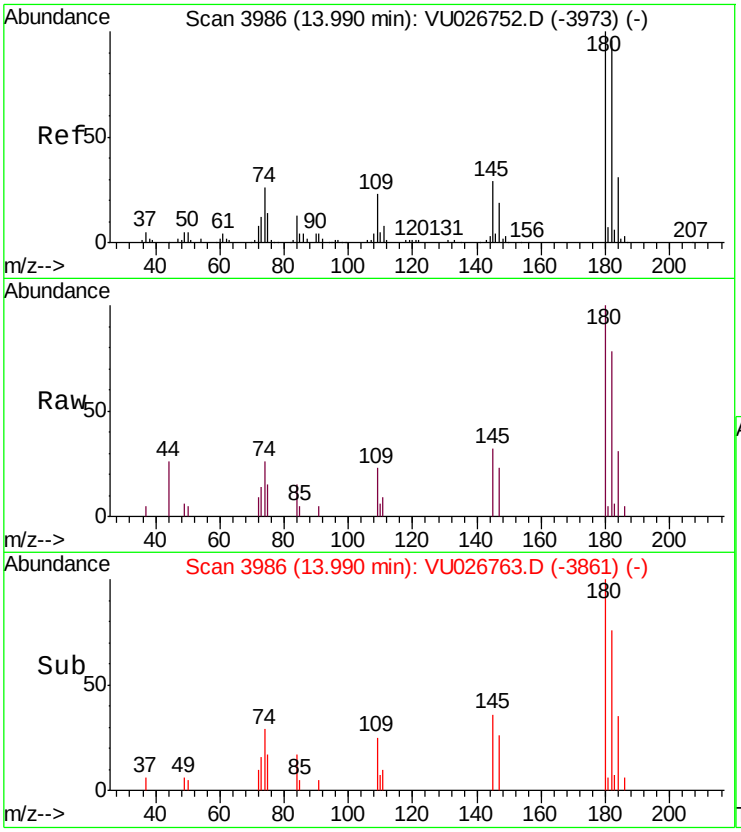


#68
1,2,4-trichlorobenzene
Concen: 19.055 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Tgt Ion:180 Resp: 25893

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.0	114.0
145	27.8	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 2.681 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026763.D
Acq: 14 Sep 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
C08L1DL

Tgt Ion:180 Resp: 3946

Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.7	115.1
145	28.6	23.0	34.6