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

Quantitation Report (Not Reviewed)

Data File : VU026878.D
Acq On : 18 Sep 2018 21:26
Operator : MD/SY
Sample : J4896-07DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Quant Time: Sep 19 07:40:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	224975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94864	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55358	33.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.52%			
7) Chloroethane-d5	1.68	69	54908	38.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.10%			
11) 1,1-Dichloroethene-d2	2.27	63	83751	26.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.20%#			
21) 2-Butanone-d5	4.18	46	120607	109.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.21%			
24) Chloroform-d	4.65	84	131590	42.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.26%			
26) 1,2-Dichloroethane-d4	5.31	65	86950	44.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.46%			
32) Benzene-d6	5.34	84	249558	41.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.52%			
36) 1,2-Dichloropropane-d6	6.33	67	87682	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.08%			
41) Toluene-d8	7.57	98	202018	37.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.84%#			
43) trans-1,3-Dichloropropene-	7.85	79	34697	40.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.72%			
47) 2-Hexanone-d5	8.31	63	81473	107.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127603	47.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	94538	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.82%			
Target Compounds						Qvalue
33) Benzene	5.39	78	45068	6.817	ug/L	100
37) 1,2-Dichloropropane	6.33	63	9198	5.065	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2040	0.795	ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1448	0.603	ug/L #	77
48) 2-Hexanone	8.31	43	9285	5.334	ug/L #	67
51) Chlorobenzene	9.12	112	114920	25.316	ug/L	100
59) 1,2,3-Trichloropropane	11.42	75	8462	3.890	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	31207	10.791	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	109032	34.240	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	182843	57.101	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	21110	9.433	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	21110	10.947	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	13195	6.213	ug/L	97

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

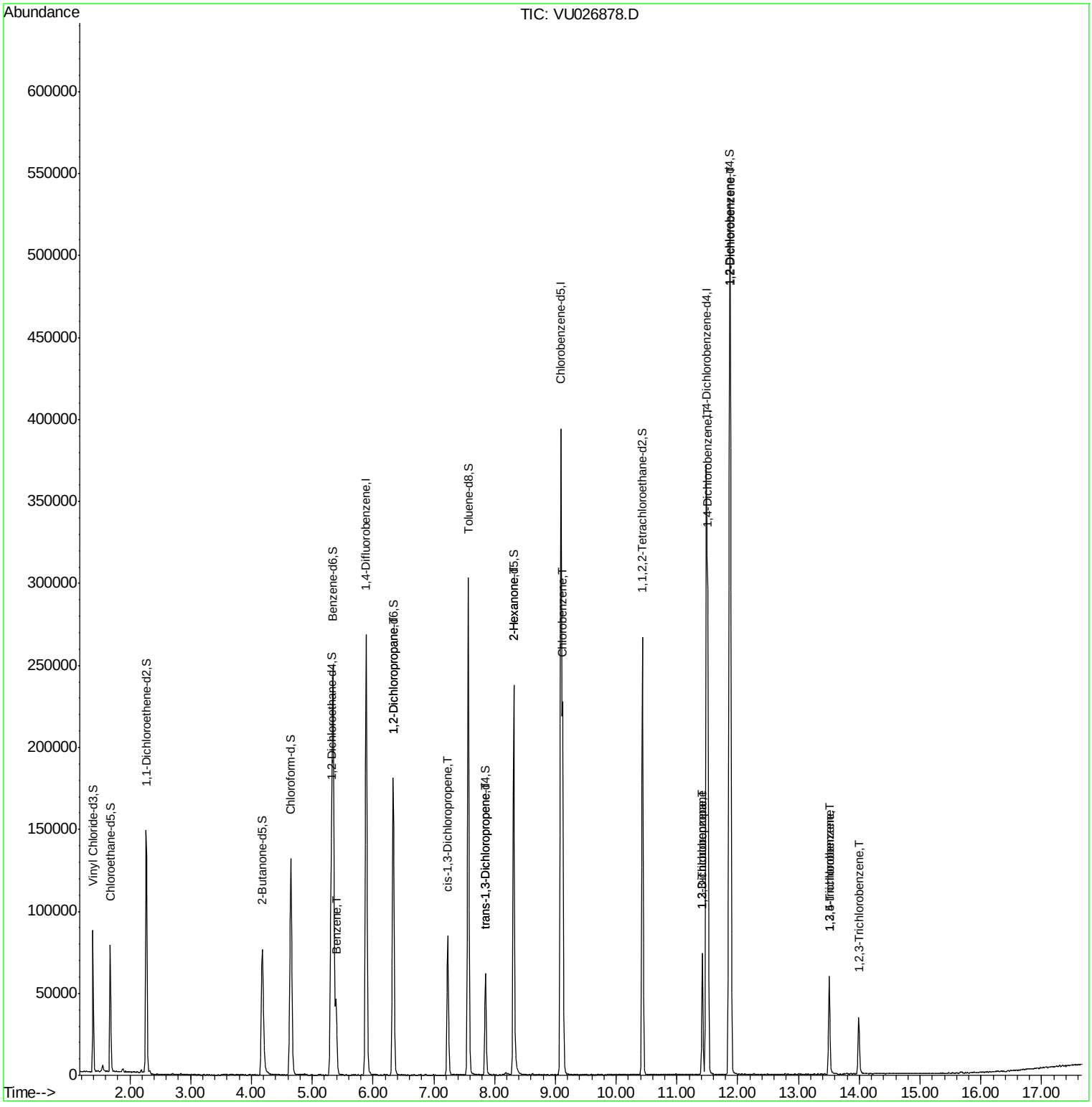
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

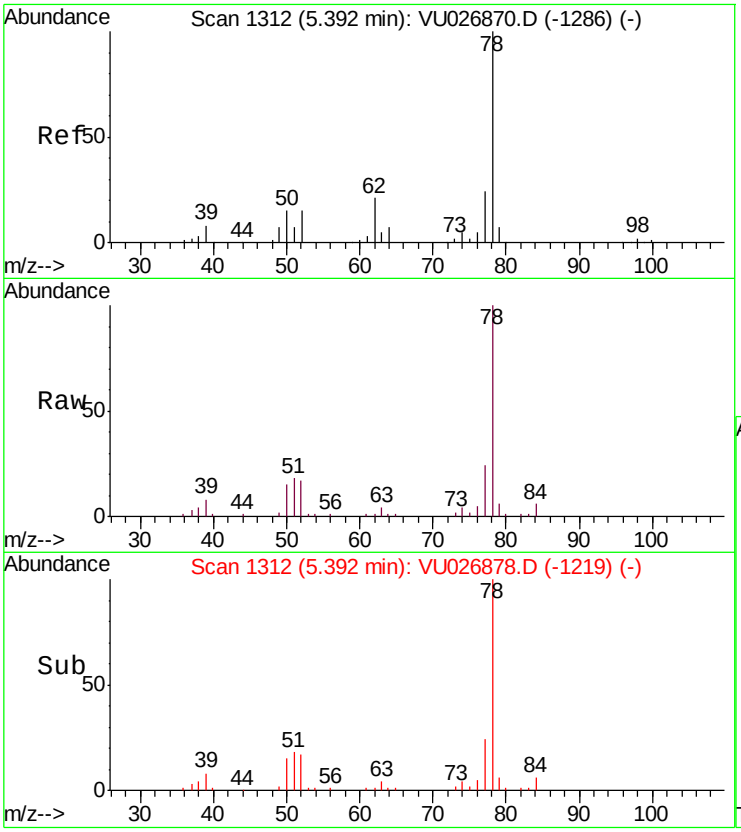
Quantitation Report (Not Reviewed)

Data File : VU026878.D
Acq On : 18 Sep 2018 21:26
Operator : MD/SY
Sample : J4896-07DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Quant Time: Sep 19 07:40:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

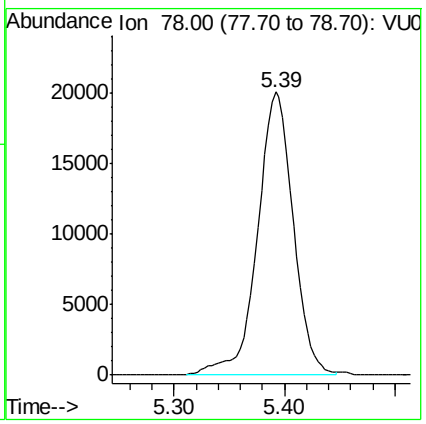


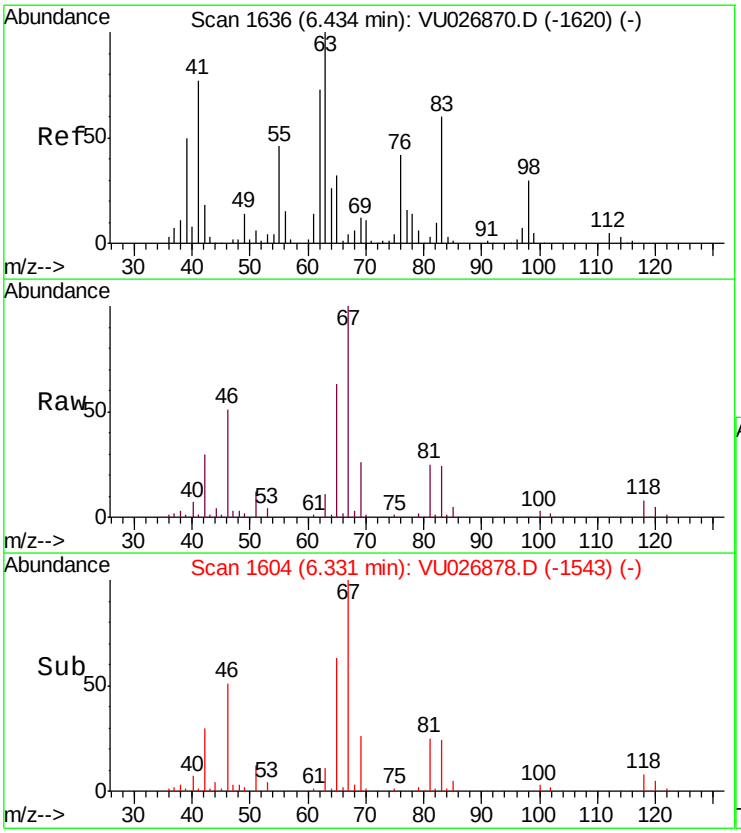


#33
Benzene
Concen: 6.817 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
C08L0DL

Tgt Ion: 78 Resp: 45068

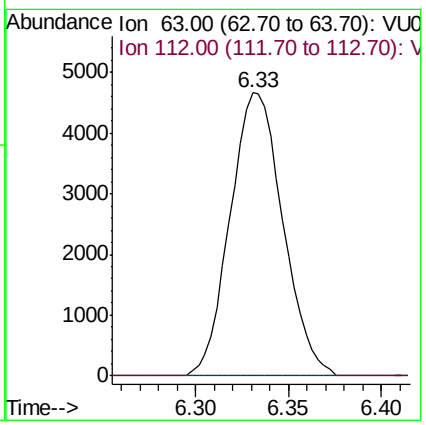


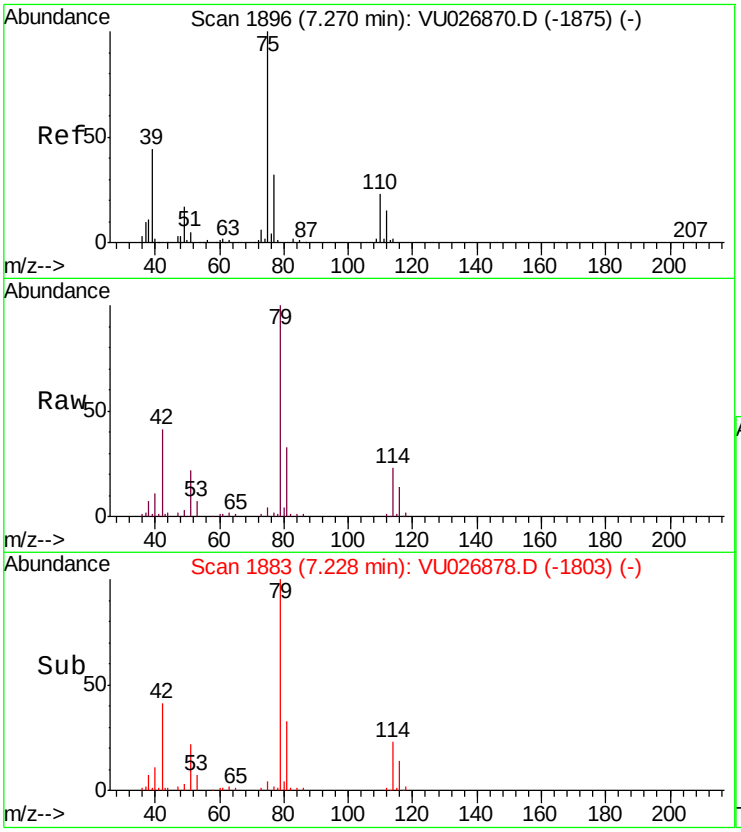


#37
1,2-Dichloropropane
Concen: 5.065 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion: 63 Resp: 9198

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.7	5.5#



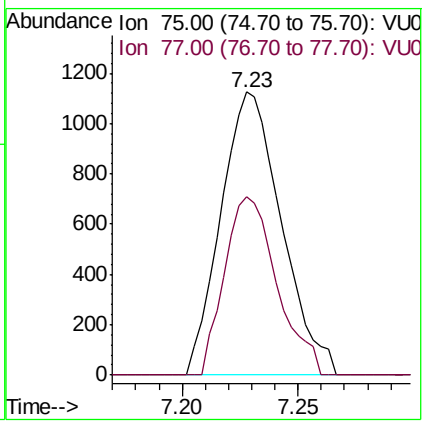


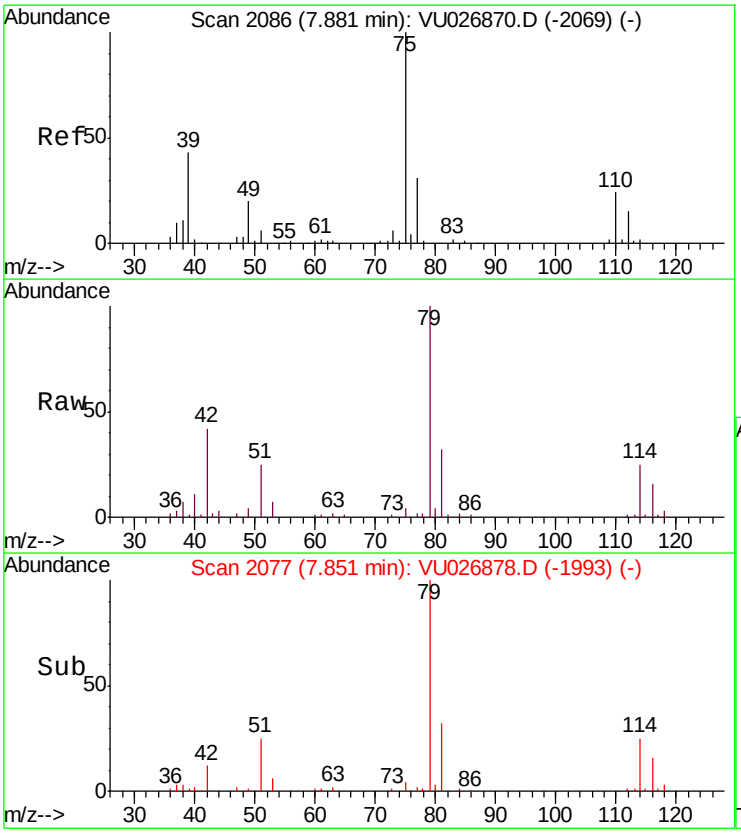
#39
cis-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Tgt Ion: 75 Resp: 2040

Ion	Ratio	Lower	Upper
75	100		
77	63.0	22.1	41.1#

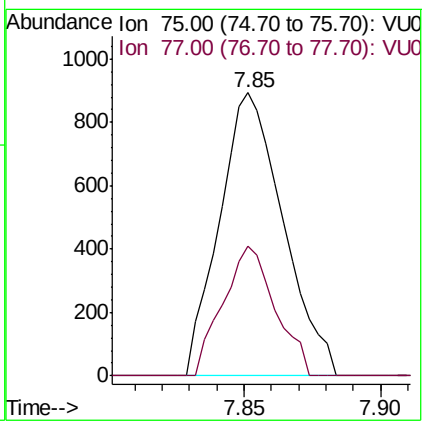


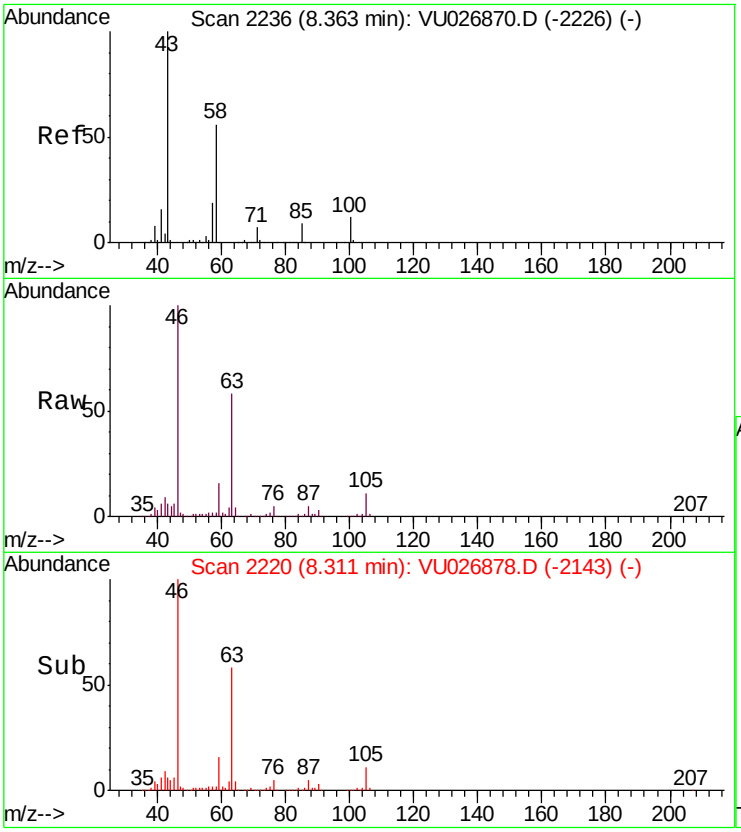


#44
trans-1,3-Dichloropropene
Concen: 0.603 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion: 75 Resp: 1448

Ion	Ratio	Lower	Upper
75	100		
77	45.8	22.8	42.4#



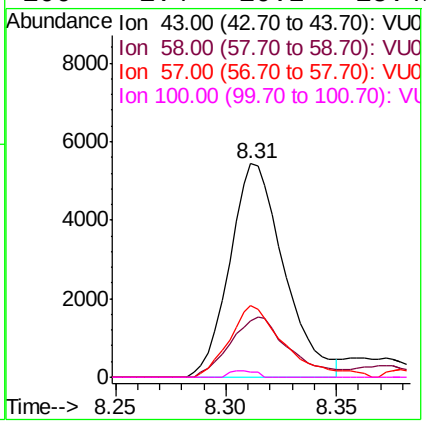


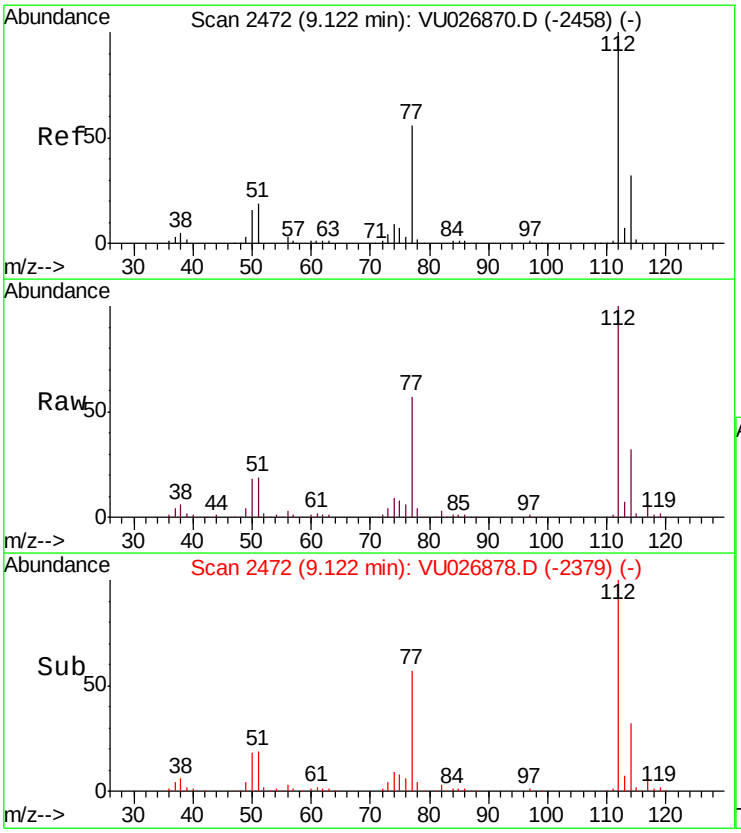
#48
2-Hexanone
Concen: 5.334 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Tgt Ion: 43 Resp: 9285

Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.9	67.3#
57	34.0	15.4	23.2#
100	1.4	10.2	15.4#

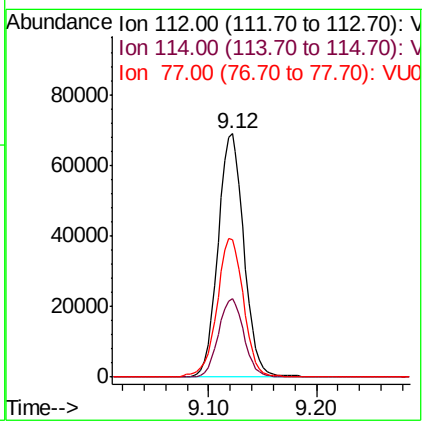


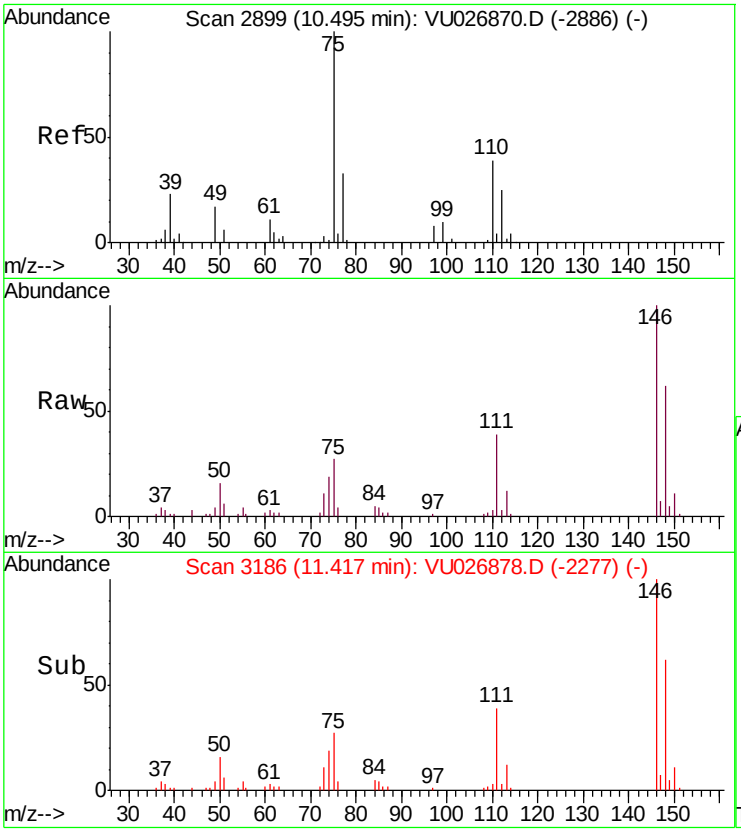


#51
Chlorobenzene
Concen: 25.316 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion:112 Resp: 114920

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	56.6	45.1	67.7



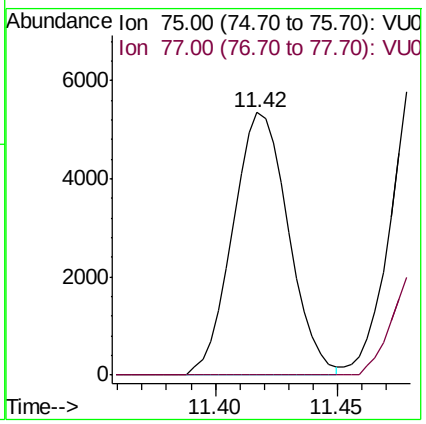


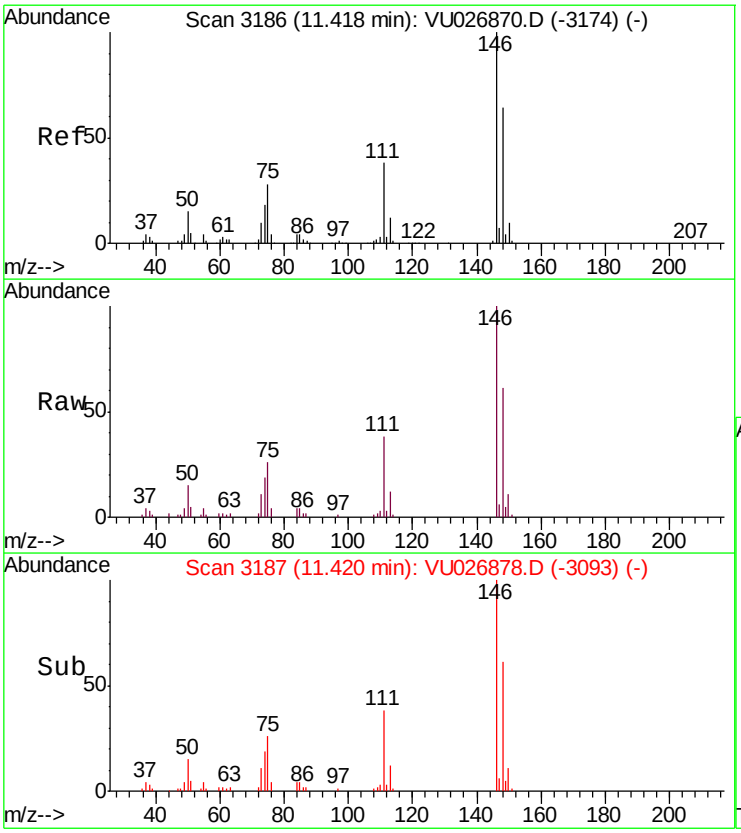
#59
1,2,3-Trichloropropane
Concen: 3.890 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.92 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Tgt Ion: 75 Resp: 8462

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#

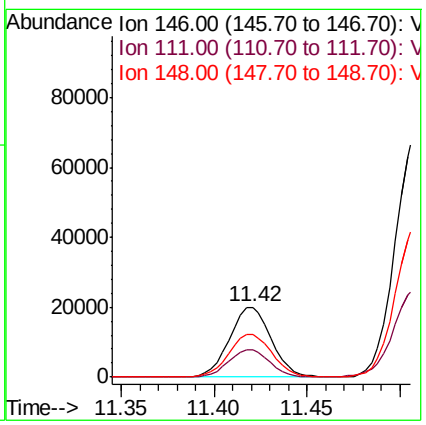


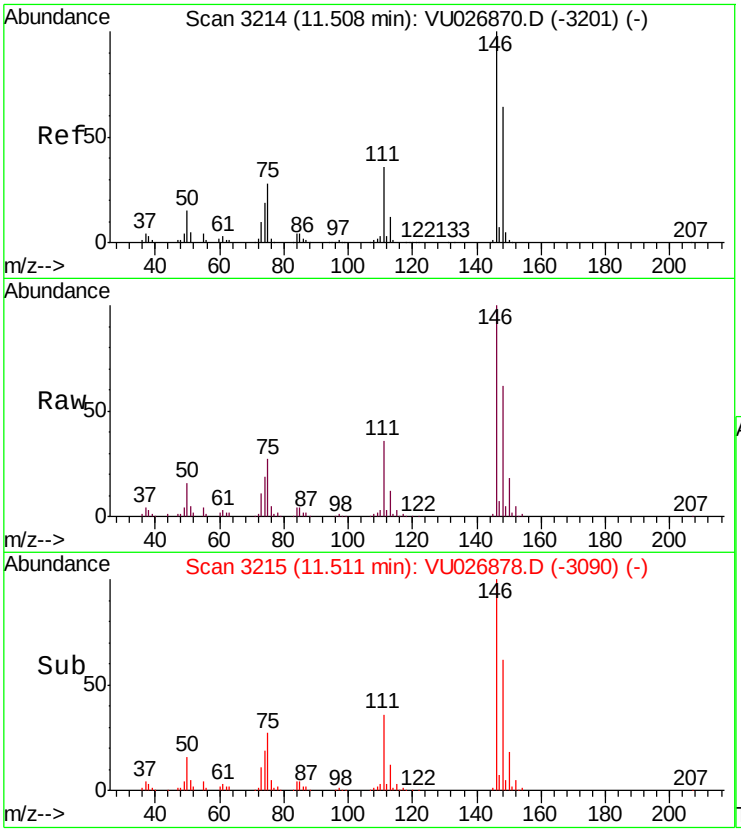


#62
1,3-Dichlorobenzene
Concen: 10.791 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion:146 Resp: 31207

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.7	49.7
148	60.7	44.9	83.5



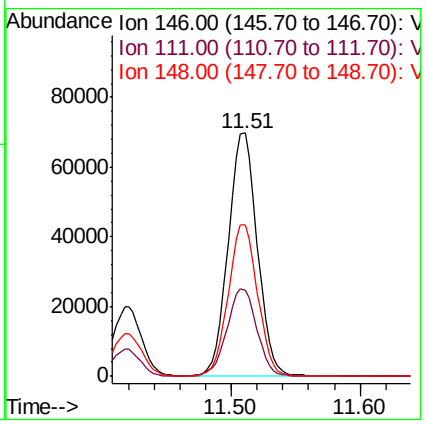


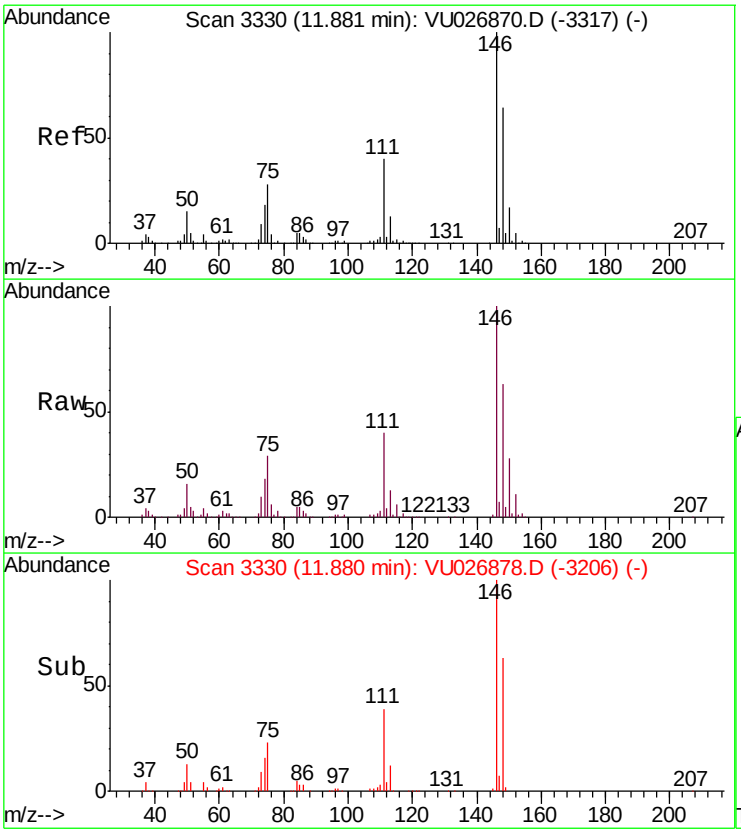
#63
1,4-Dichlorobenzene
Concen: 34.240 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument : MSVOA_U
ClientSampleId : C08L0DL

Tgt Ion:146 Resp: 109032

Ion	Ratio	Lower	Upper
146	100		
111	35.6	26.0	48.2
148	62.4	45.8	85.2

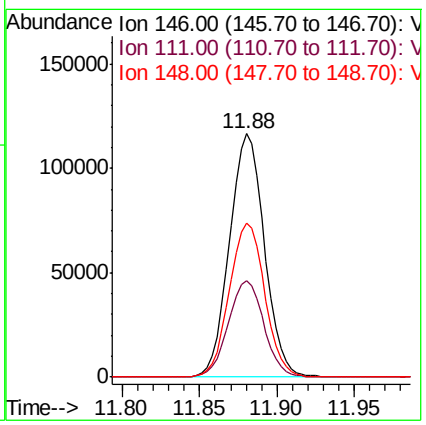


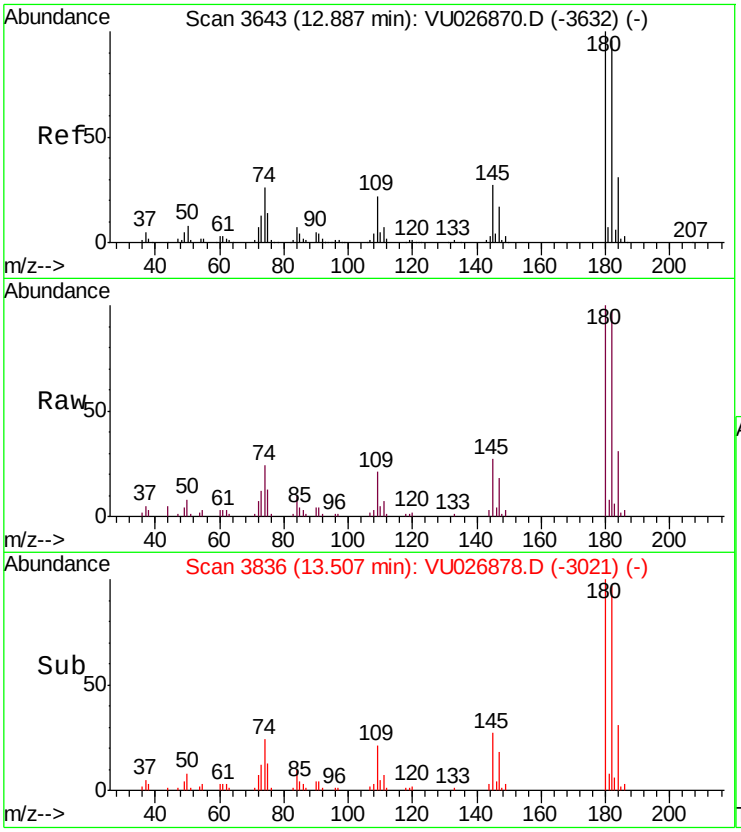


#65
1,2-Dichlorobenzene
Concen: 57.101 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion:146 Resp: 182843

Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.4	47.0
148	63.3	51.4	77.2



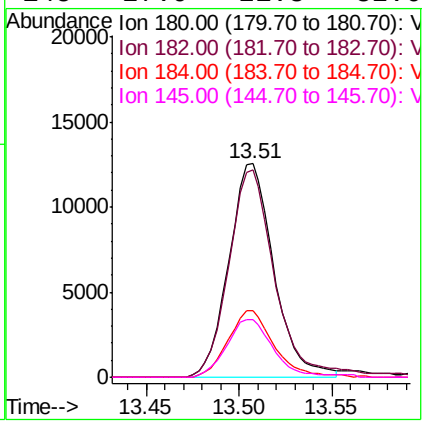


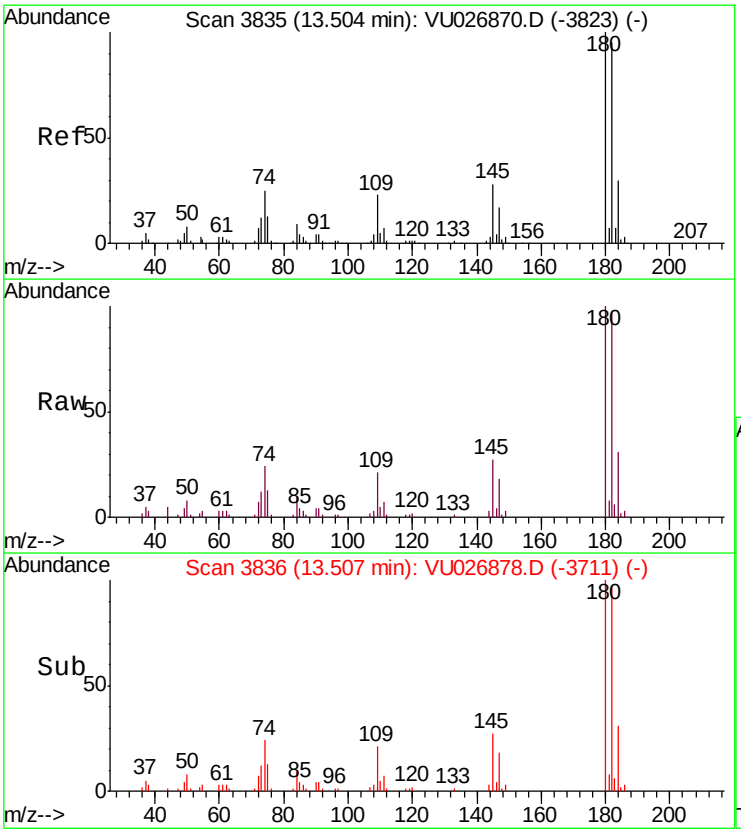
#67
1,3,5-Trichlorobenzene
Concen: 9.433 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
C08L0DL

Tgt Ion:180 Resp: 21110

Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.7	115.1
184	31.6	24.2	36.4
145	27.9	21.8	32.6

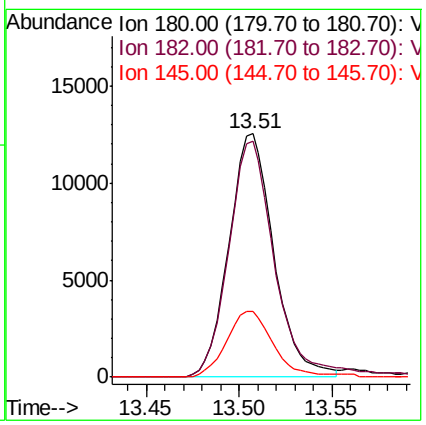


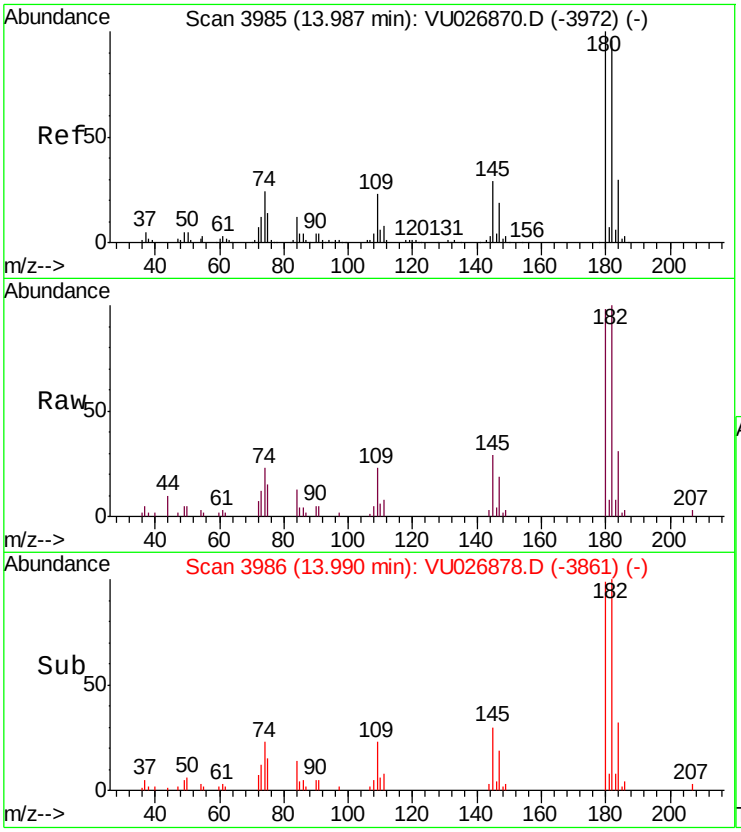


#68
1,2,4-trichlorobenzene
Concen: 10.947 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Tgt Ion:180 Resp: 21110

Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.8	115.2
145	27.9	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 6.213 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026878.D
Acq: 18 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
C08L0DL

Tgt Ion:180 Resp: 13195

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.6	113.4
145	29.1	23.8	35.6