Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026943.D
Acq On : 20 Sep 2018 19:09
Operator : MD/SY
Sample : VU0921WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK48

Quant Time: Sep 21 06:02:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	257515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97359	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	84523	44.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.74%			
7) Chloroethane-d5	1.67	69	71503	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.70%			
11) 1,1-Dichloroethene-d2	2.27	63	115505	32.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.08%			
21) 2-Butanone-d5	4.18	46	115885	91.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.67%			
24) Chloroform-d	4.65	84	138817	39.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.58%			
26) 1,2-Dichloroethane-d4	5.31	65	90633	40.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.46%			
32) Benzene-d6	5.34	84	293412	44.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.28%			
36) 1,2-Dichloropropane-d6	6.33	67	94295	44.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.06%			
41) Toluene-d8	7.57	98	251263	42.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.64%			
43) trans-1,3-Dichloropropene-	7.85	79	39773	42.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.12%			
47) 2-Hexanone-d5	8.31	63	81830	98.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122858	41.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96536	47.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.32%			
Target Compounds						Qvalue
6) Bromomethane	1.61	94	679	0.569	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1160	0.652	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	953	0.571	ug/L #	1
13) Acetone	2.32	43	632	0.509	ug/L	70
35) Methylcyclohexane	6.33	83	21842	7.679	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9928	4.970	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2055	0.728	ug/L #	59
48) 2-Hexanone	8.31	43	9195	4.803	ug/L #	66
51) Chlorobenzene	9.12	112	5763	1.154	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	11978	5.006	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	6553	2.005	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	6319	1.923	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	1255	0.634	ug/L #	86

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

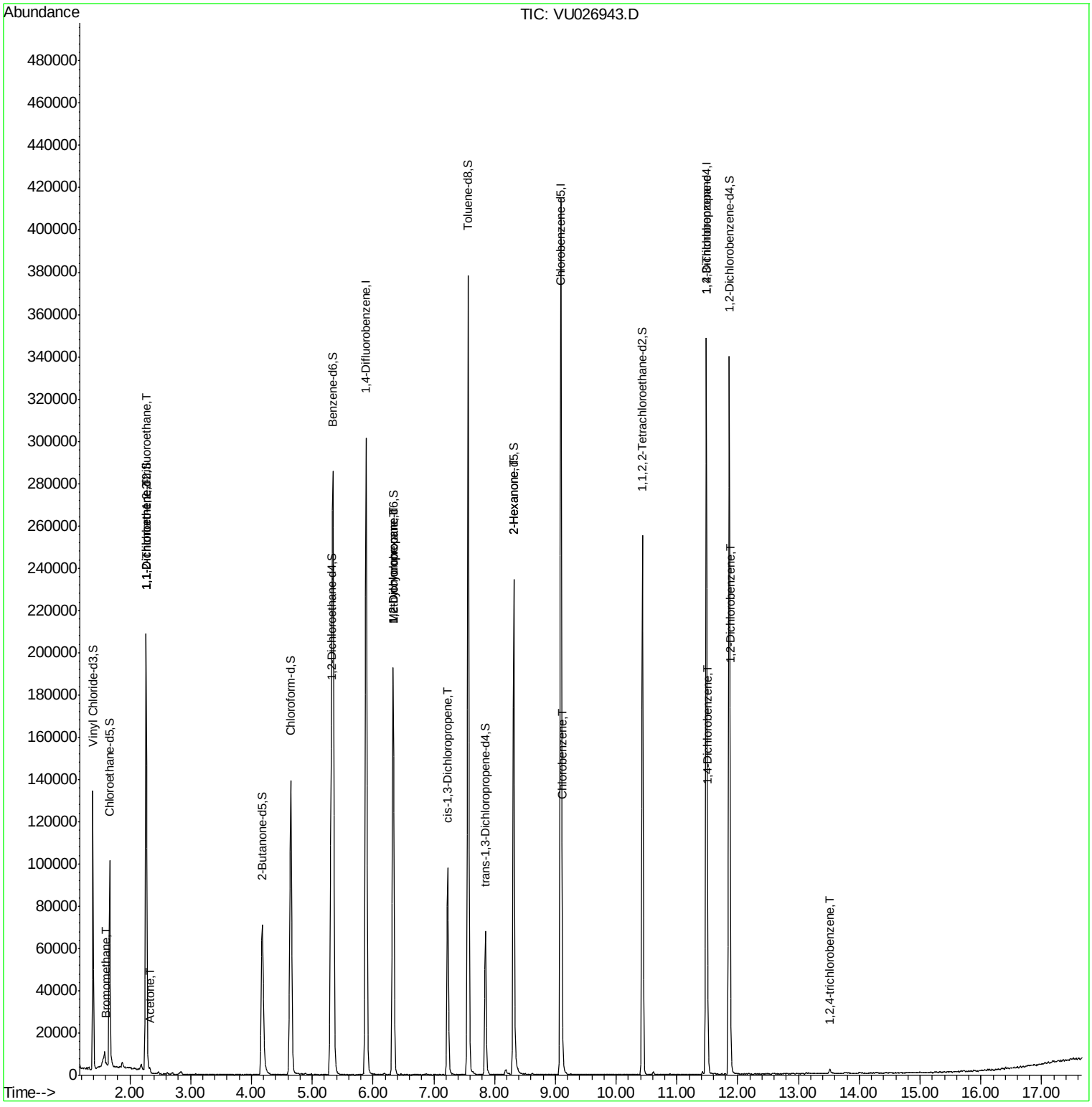
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

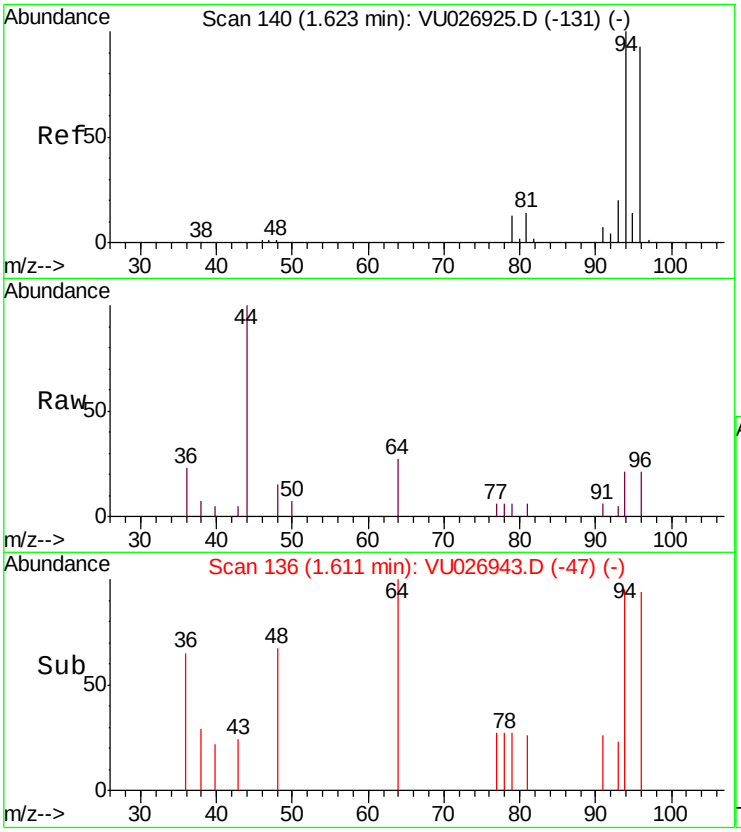
Quantitation Report (Not Reviewed)

Data File : VU026943.D
Acq On : 20 Sep 2018 19:09
Operator : MD/SY
Sample : VU0921WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK48

Quant Time: Sep 21 06:02:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration



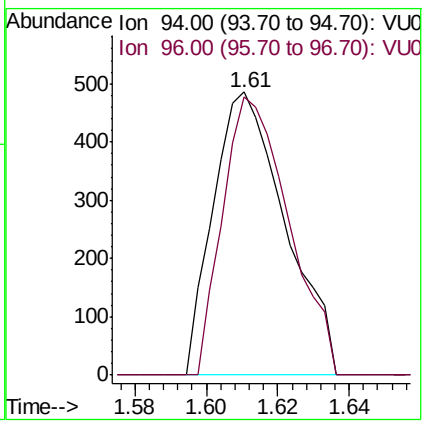


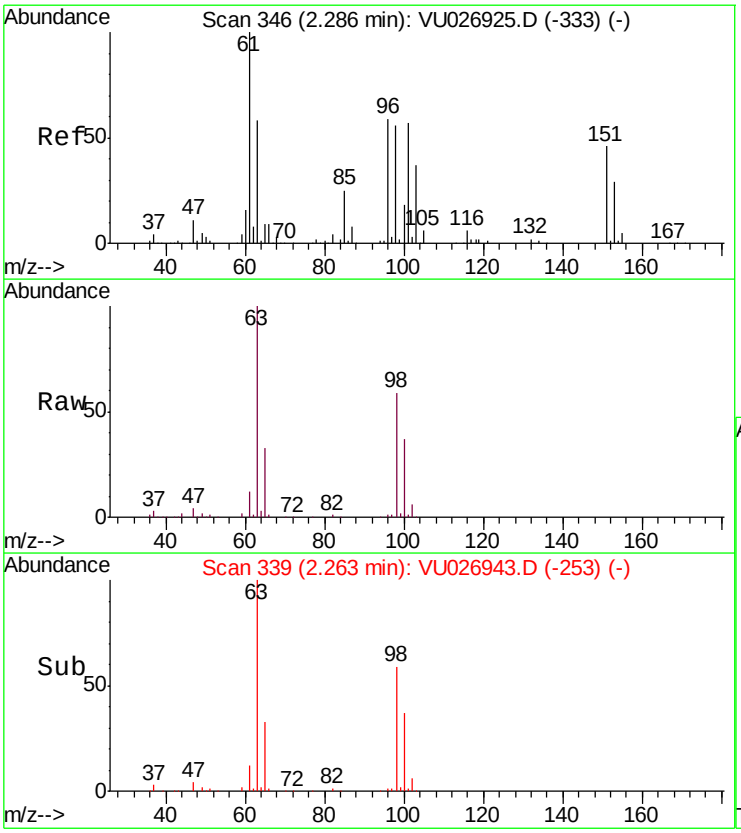
#6
Bromomethane
Concen: 0.569 ug/L
RT: 1.61 min Scan# 136
Delta R.T. -0.01 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 94 Resp: 679

Ion	Ratio	Lower	Upper
94	100		
96	98.4	66.0	122.6

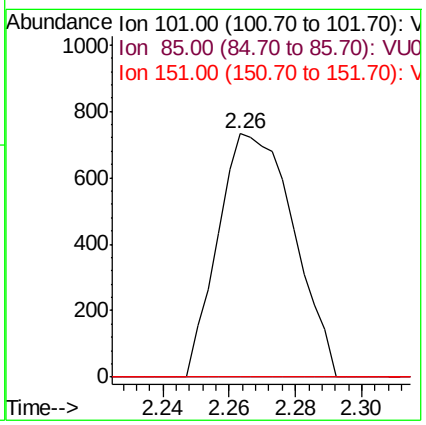


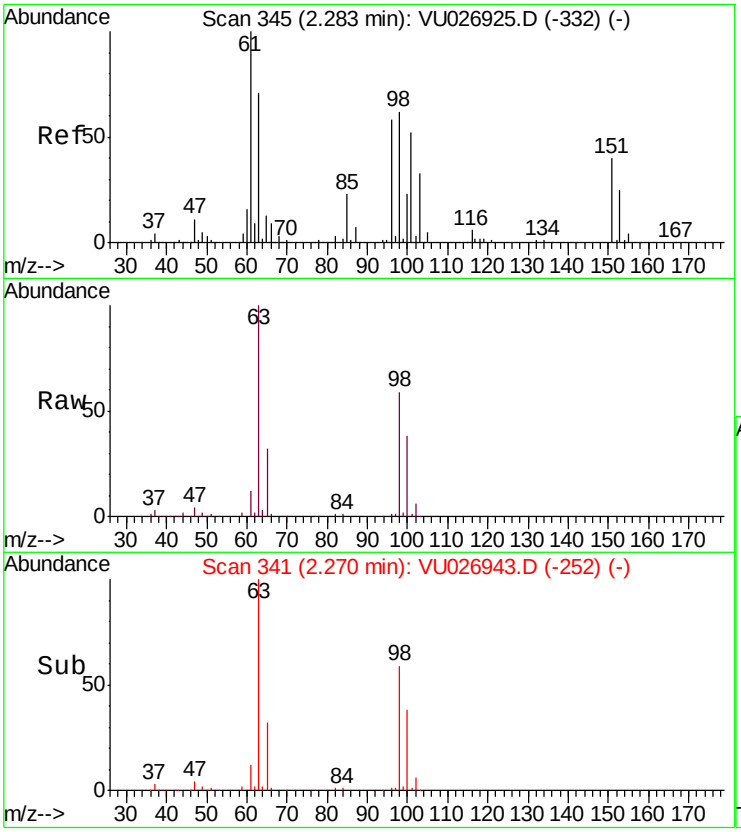


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.652 ug/L
RT: 2.26 min Scan# 339
Delta R.T. -0.02 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion:101 Resp: 1160

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



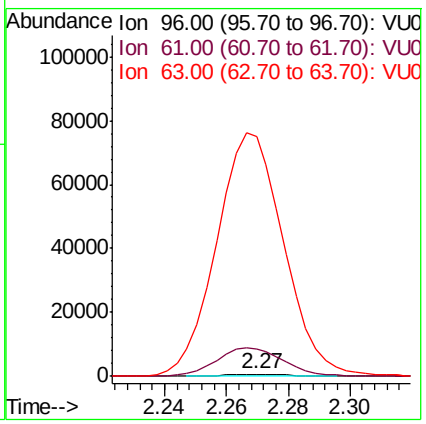


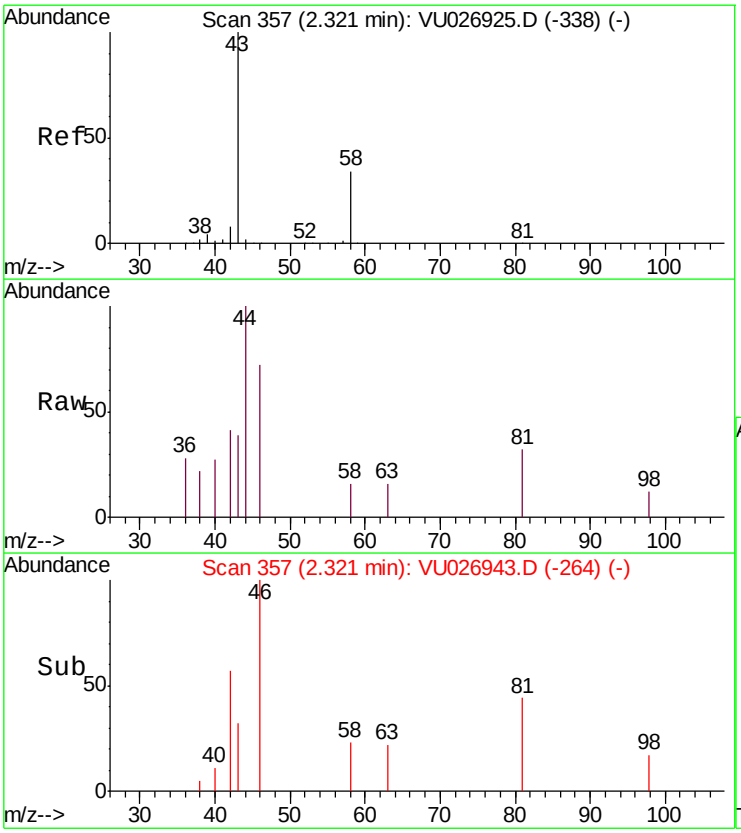
#12
1,1-Dichloroethene
Concen: 0.571 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument : MSVOA_U
ClientSampleId : VBLK48

Tgt Ion: 96 Resp: 953

Ion	Ratio	Lower	Upper
96	100		
61	1293.9	124.0	230.4#
63	11197.6	97.7	181.5#

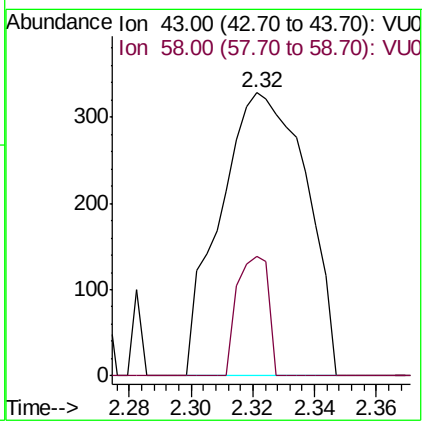


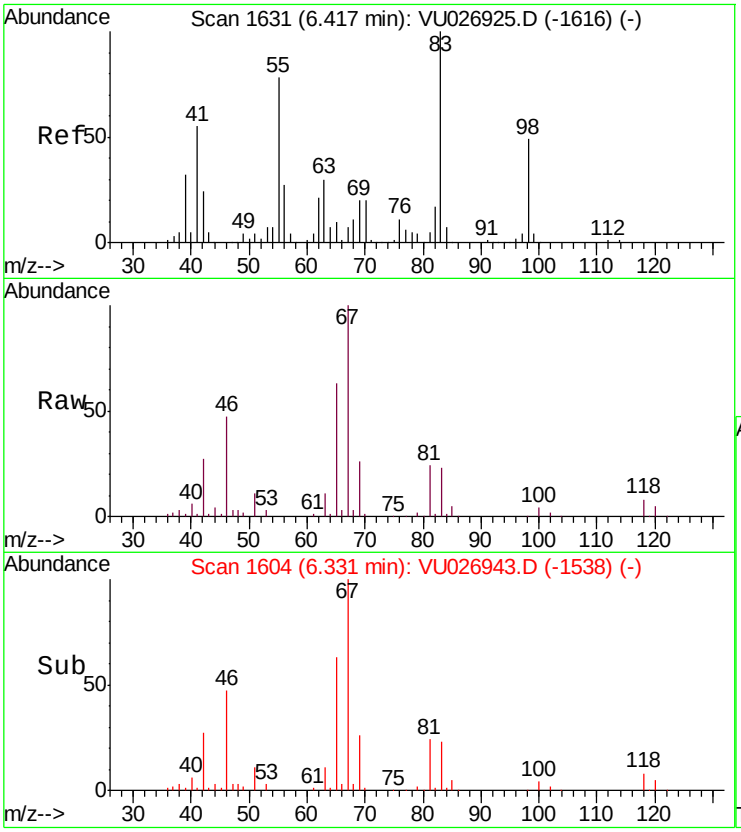


#13
Acetone
Concen: 0.509 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion: 43 Resp: 632

Ion	Ratio	Lower	Upper
43	100		
58	15.3	0.0	64.6



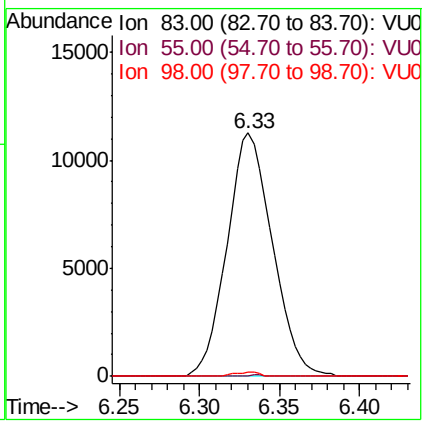


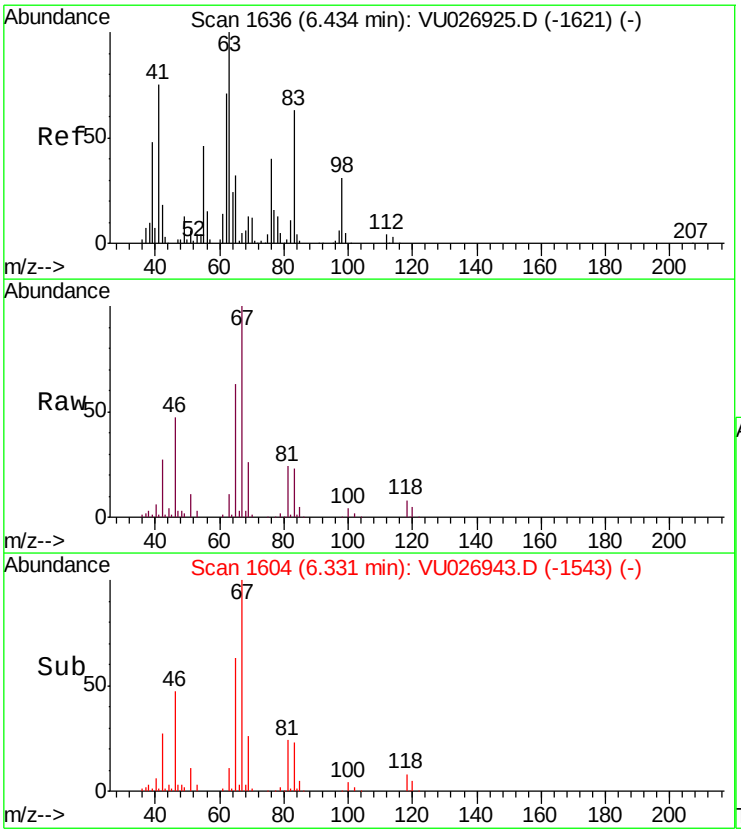
#35
Methylcyclohexane
Concen: 7.679 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 83 Resp: 21842

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.7	92.5#
98	0.9	38.3	57.5#

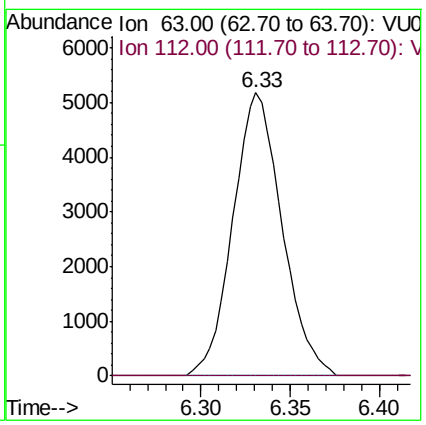


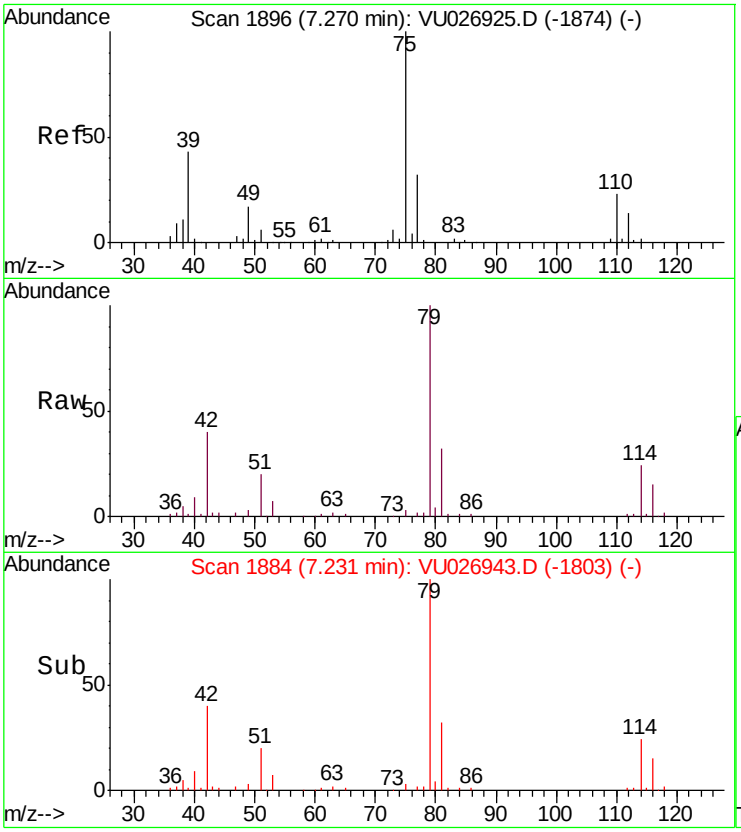


#37
1,2-Dichloropropane
Concen: 4.970 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion: 63 Resp: 9928

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



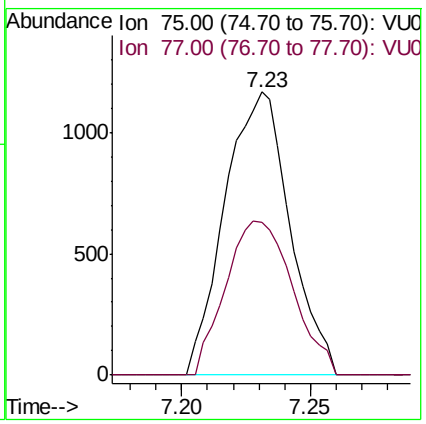


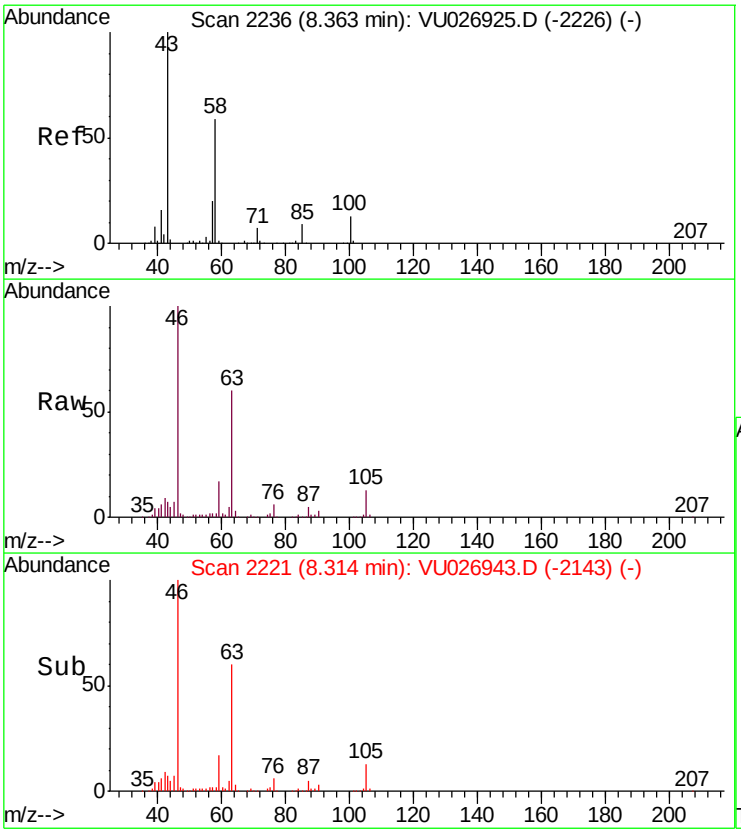
#39
cis-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 75 Resp: 2055

Ion	Ratio	Lower	Upper
75	100		
77	54.2	22.1	41.1#

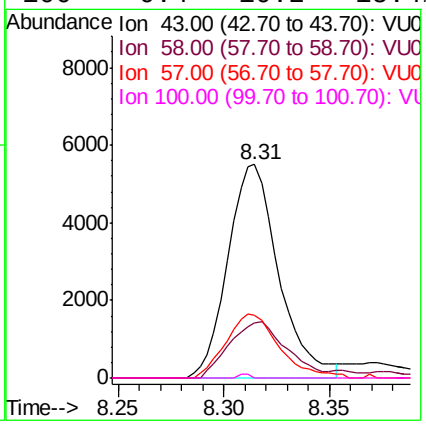


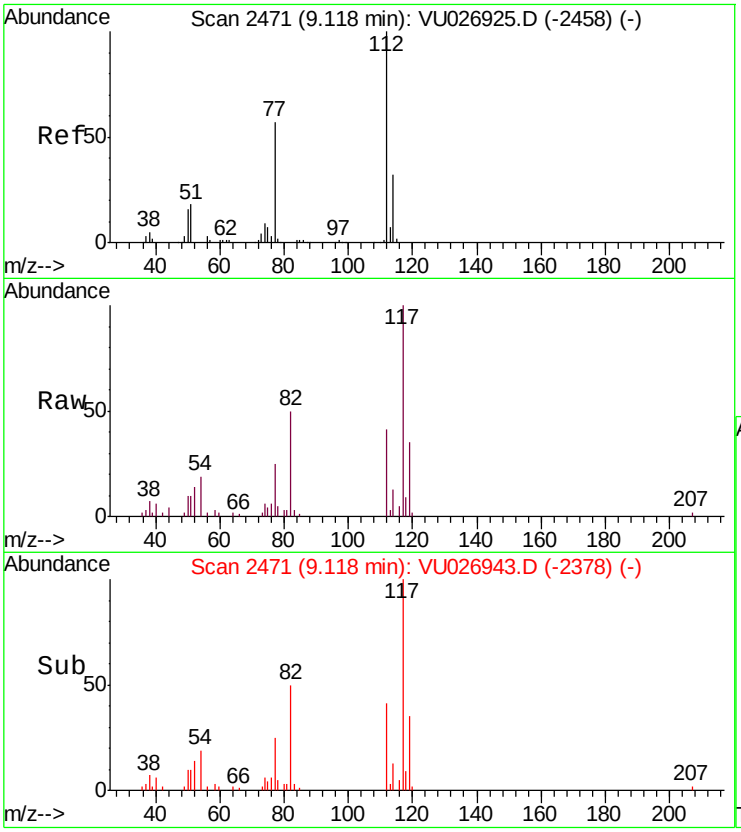


#48
2-Hexanone
Concen: 4.803 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion: 43 Resp: 9195

Ion	Ratio	Lower	Upper
43	100		
58	29.5	44.9	67.3#
57	31.6	15.4	23.2#
100	0.4	10.2	15.4#



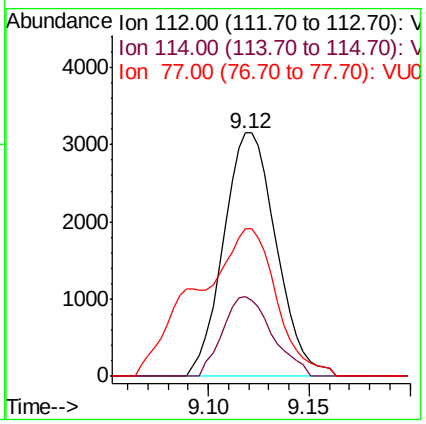


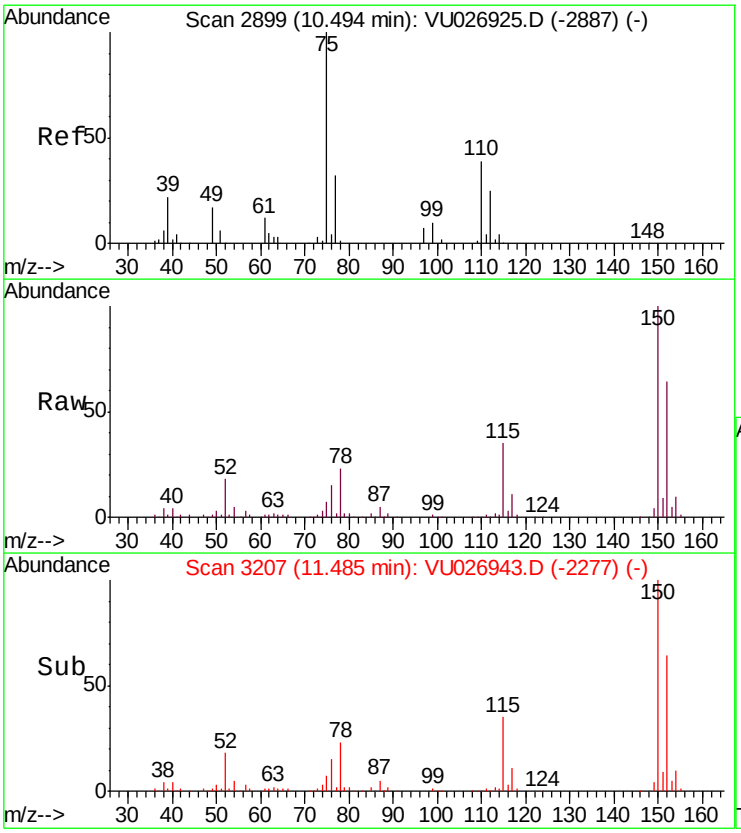
#51
Chlorobenzene
Concen: 1.154 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument : MSVOA_U
ClientSampleId : VBLK48

Tgt Ion:112 Resp: 5763

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	60.5	45.1	67.7

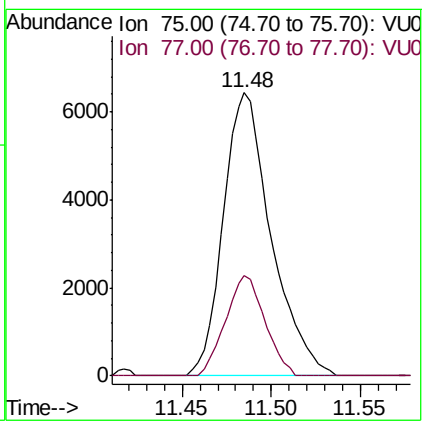


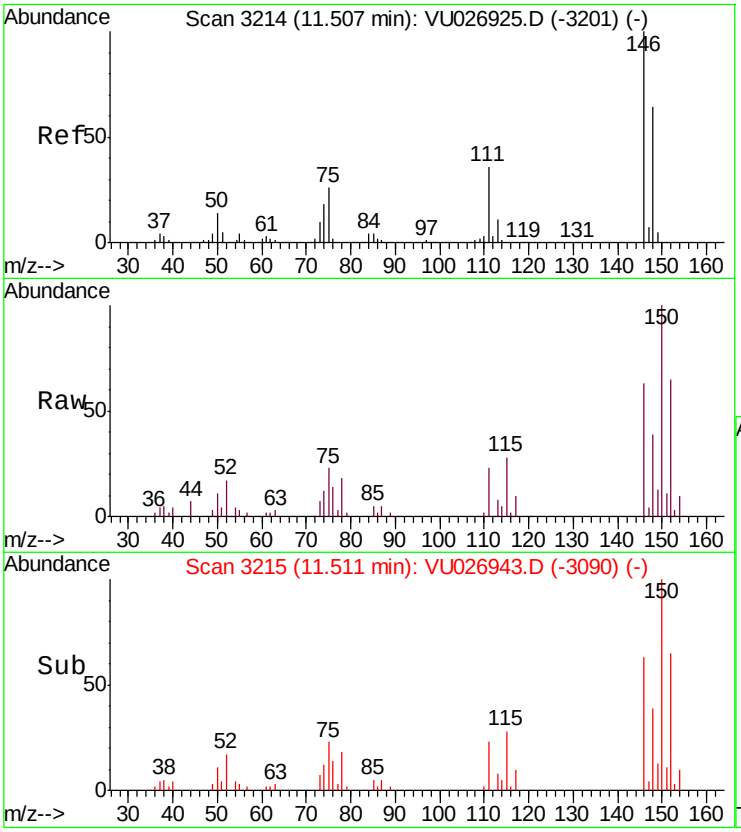


#59
1,2,3-Trichloropropane
Concen: 5.006 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion: 75 Resp: 11978

Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.5	38.3



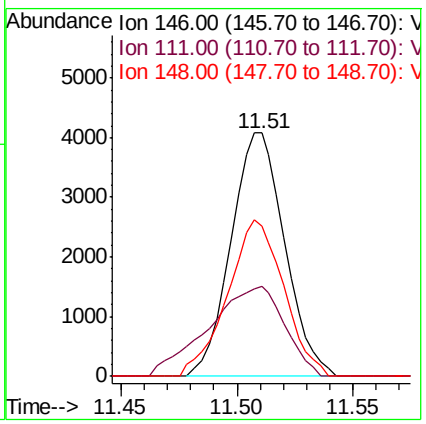


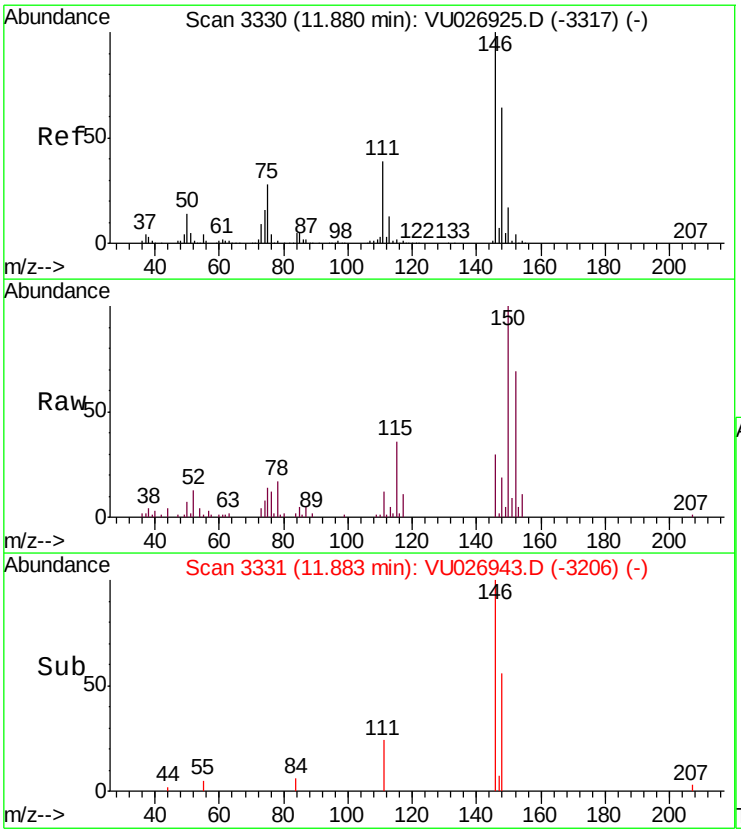
#63
1,4-Dichlorobenzene
Concen: 2.005 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument : MSVOA_U
ClientSampleId : VBLK48

Tgt Ion:146 Resp: 6553

Ion	Ratio	Lower	Upper
146	100		
111	37.0	26.0	48.2
148	61.9	45.8	85.2

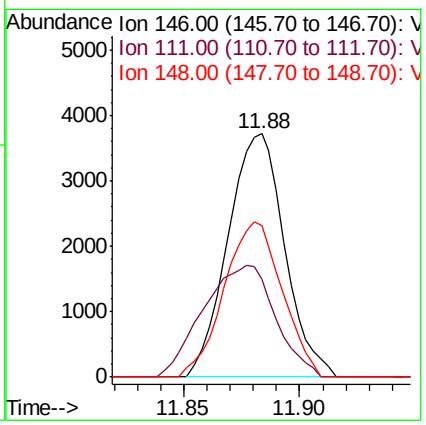


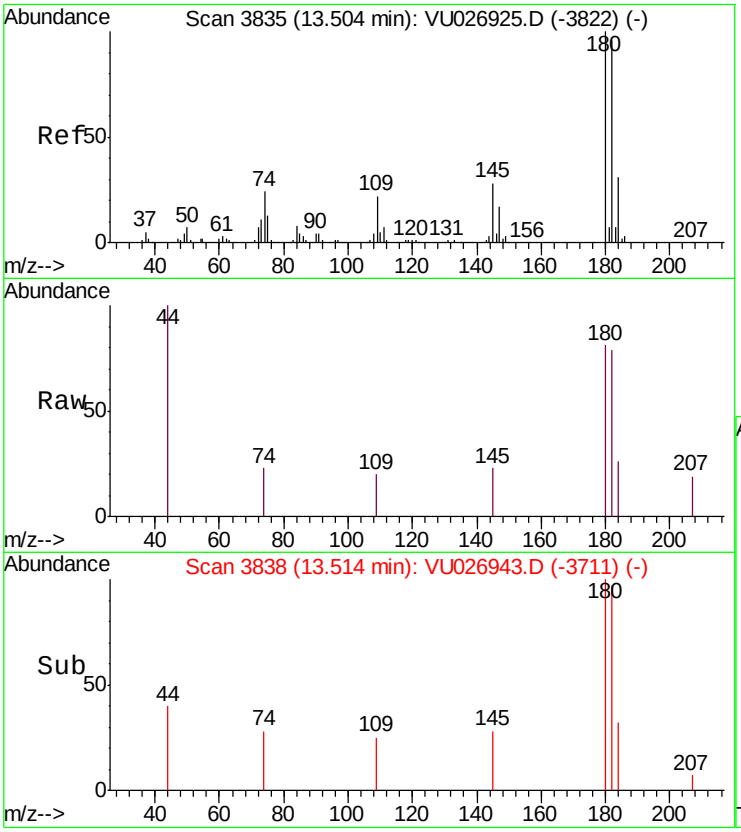


#65
1,2-Dichlorobenzene
Concen: 1.923 ug/L
RT: 11.88 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion:146 Resp: 6319

Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.4	47.0
148	62.0	51.4	77.2





#68
1,2,4-trichlorobenzene
Concen: 0.634 ug/L
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion:180 Resp: 1255

Ion	Ratio	Lower	Upper
180	100		
182	109.4	76.8	115.2
145	19.0	22.2	33.2#