Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025954.D
Acq On : 07 Aug 2018 21:41
Operator : MD/SY
Sample : VU0807WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK44

Quant Time: Aug 08 06:48:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 06:47:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	231318	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213815	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	88218	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	80539	62.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 125.66%			
7) Chloroethane-d5	1.68	69	64155	66.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 133.48%#			
11) 1,1-Dichloroethene-d2	2.27	63	118386	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.38%			
21) 2-Butanone-d5	4.18	46	129312	146.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 146.61%#			
24) Chloroform-d	4.65	84	166095	66.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.86%#			
26) 1,2-Dichloroethane-d4	5.31	65	112848	68.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.80%#			
32) Benzene-d6	5.35	84	327578	69.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 139.00%#			
36) 1,2-Dichloropropane-d6	6.34	67	103606	70.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 141.42%#			
41) Toluene-d8	7.57	98	298477	65.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 130.54%#			
43) trans-1,3-Dichloropropene-	7.85	79	50186	65.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 130.62%#			
47) 2-Hexanone-d5	8.31	63	85519	140.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 140.25%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	139988	68.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 137.92%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	110859	76.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 152.14%#			

Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.34	63	11657	7.807	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3257	1.339	ug/L #	42
63) 1,4-Dichlorobenzene	11.51	146	4895	1.820	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3480	1.315	ug/L #	89
68) 1,2,4-trichlorobenzene	13.51	180	5629	3.335	ug/L #	82
69) Naphthalene	13.76	128	6708	1.352	ug/L #	87
70) 1,2,3-Trichlorobenzene	14.00	180	2788	1.612	ug/L	98

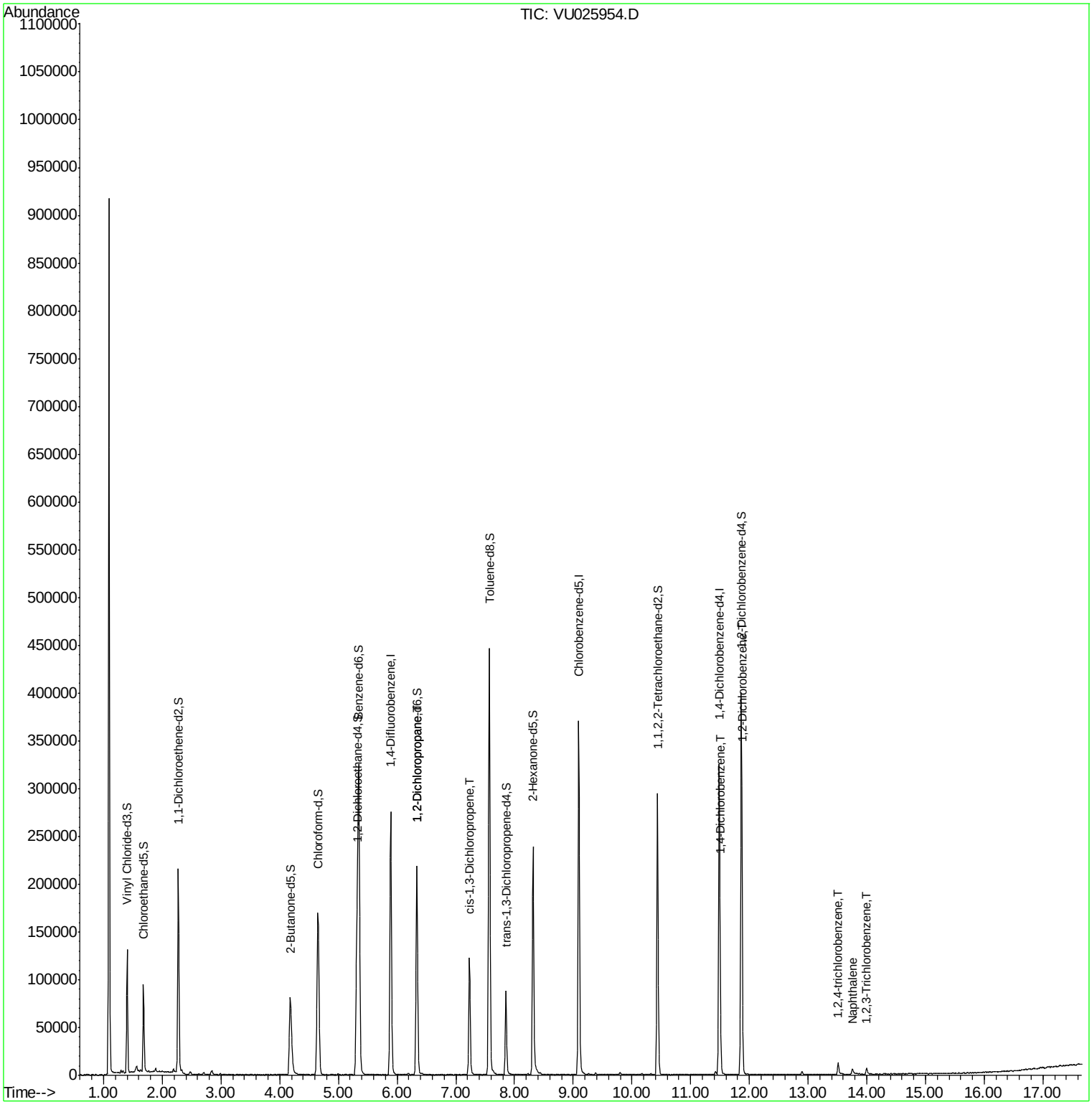
(#) = qualifier out of range (m) = manual integration (+) = signals summed

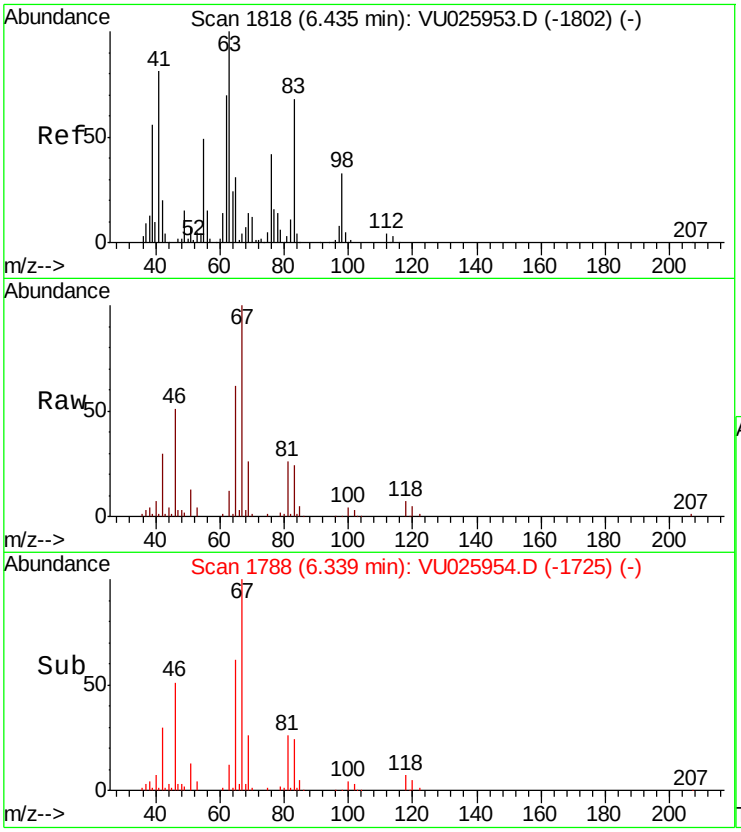
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025954.D
Acq On : 07 Aug 2018 21:41
Operator : MD/SY
Sample : VU0807WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Quant Time: Aug 08 06:48:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 06:47:05 2018
Response via : Initial Calibration



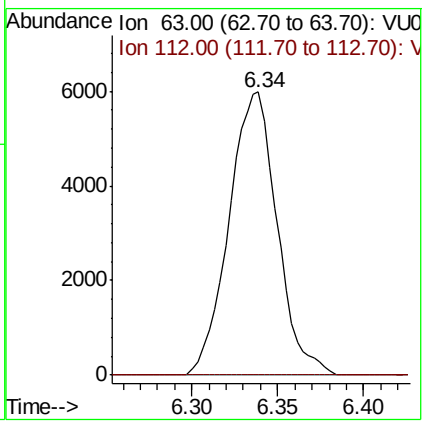


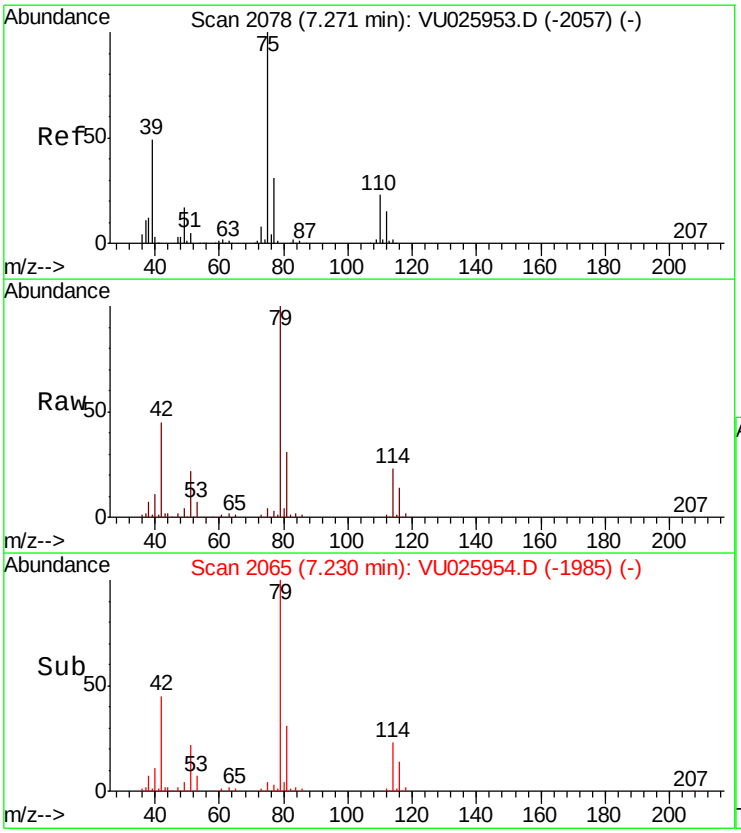
#37
1,2-Dichloropropane
Concen: 7.807 ug/L
RT: 6.34 min Scan# 1788
Delta R.T. -0.10 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Tgt Ion: 63 Resp: 11657

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

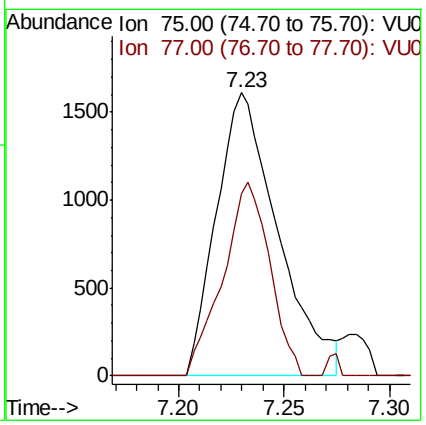


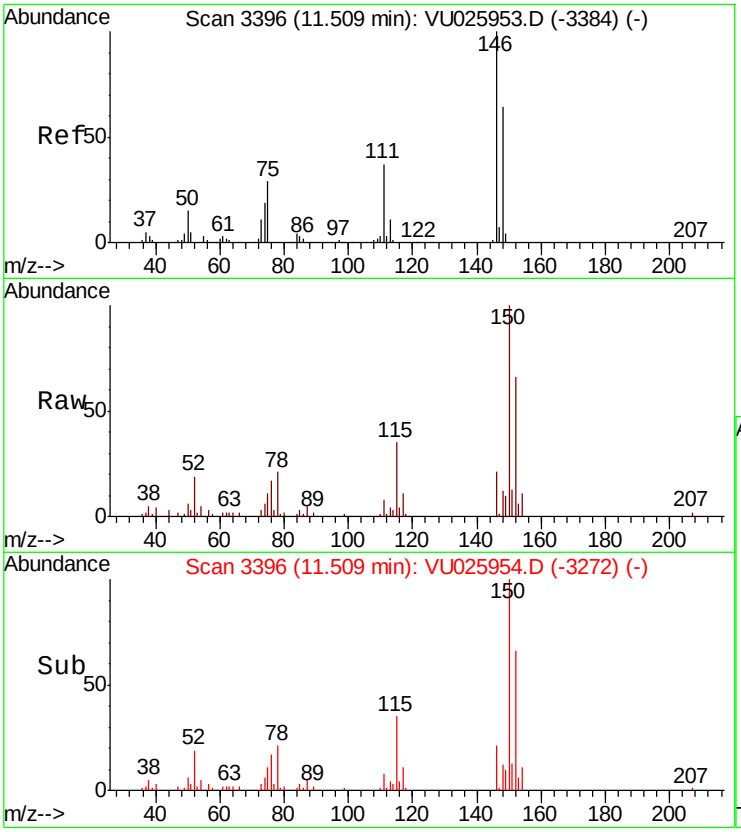


#39
cis-1,3-Dichloropropene
Concen: 1.339 ug/L
RT: 7.23 min Scan# 2065
Delta R.T. -0.04 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Tgt Ion: 75 Resp: 3257

Ion	Ratio	Lower	Upper
75	100		
77	64.3	22.5	41.7#



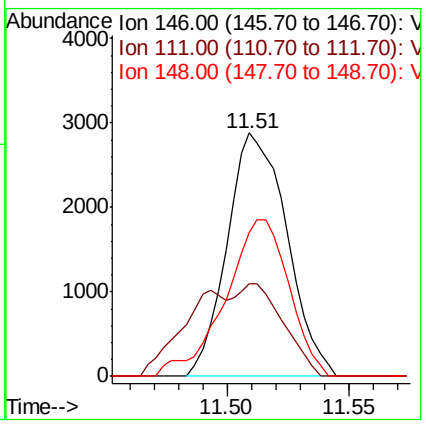


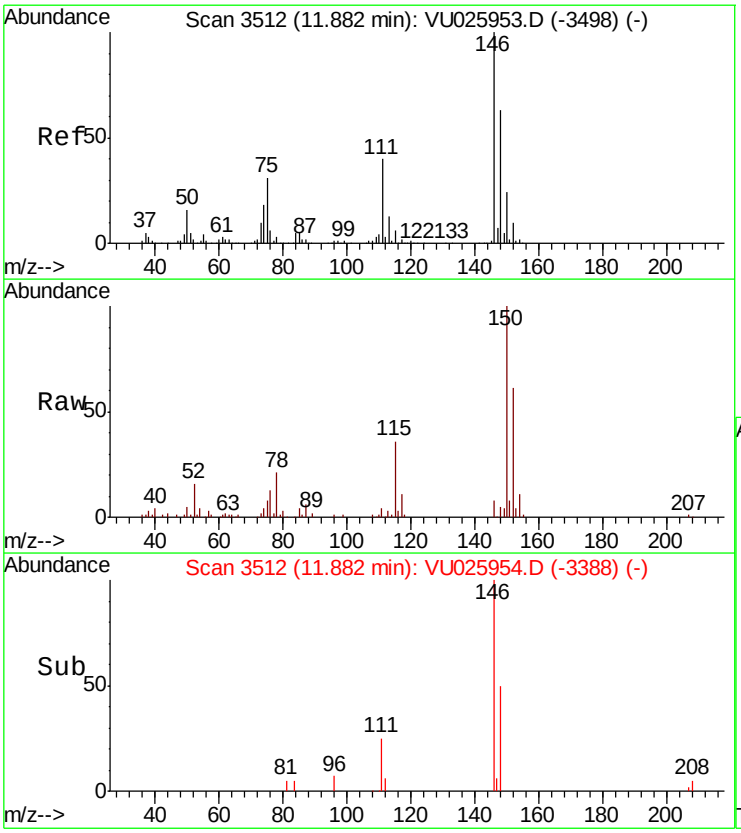
#63
1,4-Dichlorobenzene
Concen: 1.820 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Tgt Ion:146 Resp: 4895

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.7	49.7
148	59.0	45.2	84.0

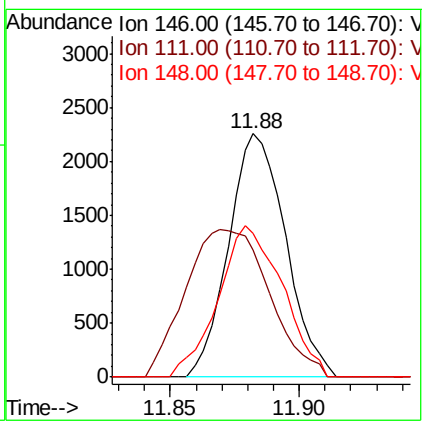


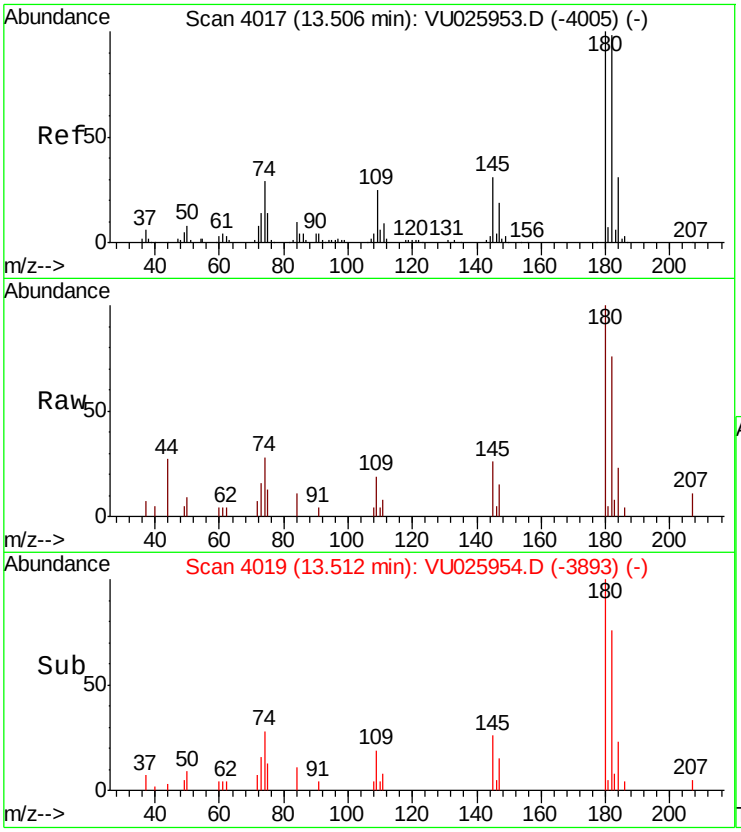


#65
1,2-Dichlorobenzene
Concen: 1.315 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Tgt Ion:146 Resp: 3480

Ion	Ratio	Lower	Upper
146	100		
111	52.3	33.4	50.0#
148	58.9	51.8	77.8



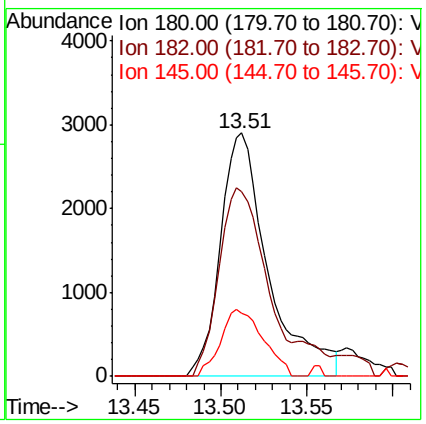


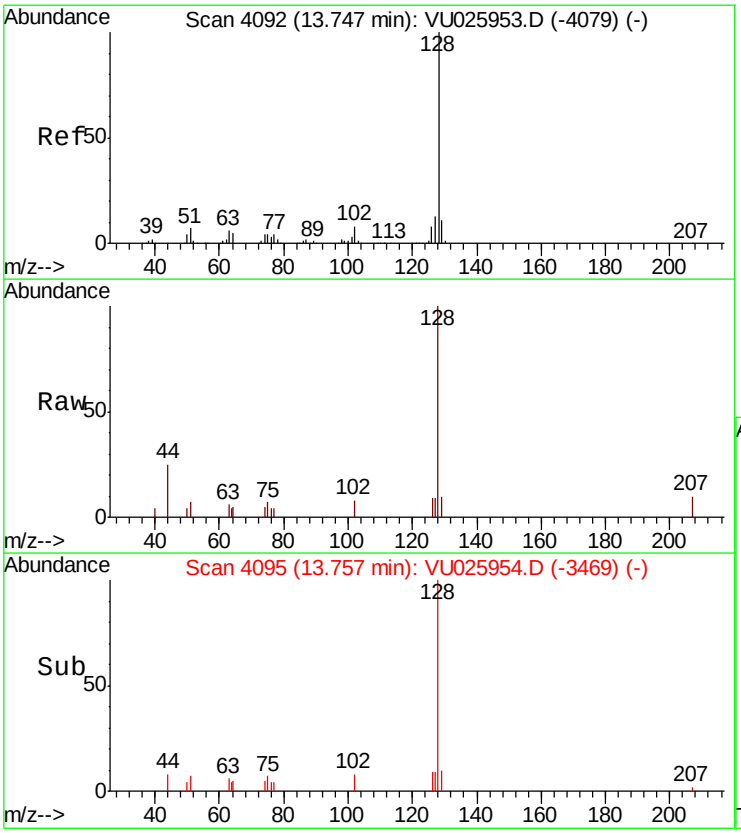
#68
1,2,4-trichlorobenzene
Concen: 3.335 ug/L
RT: 13.51 min Scan# 4019
Delta R.T. 0.01 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Tgt Ion:180 Resp: 5629

Ion	Ratio	Lower	Upper
180	100		
182	74.0	75.3	112.9#
145	24.2	23.1	34.7

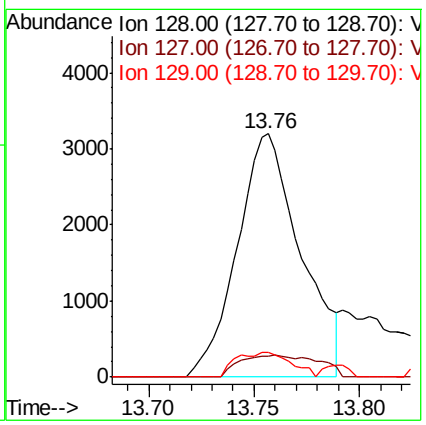


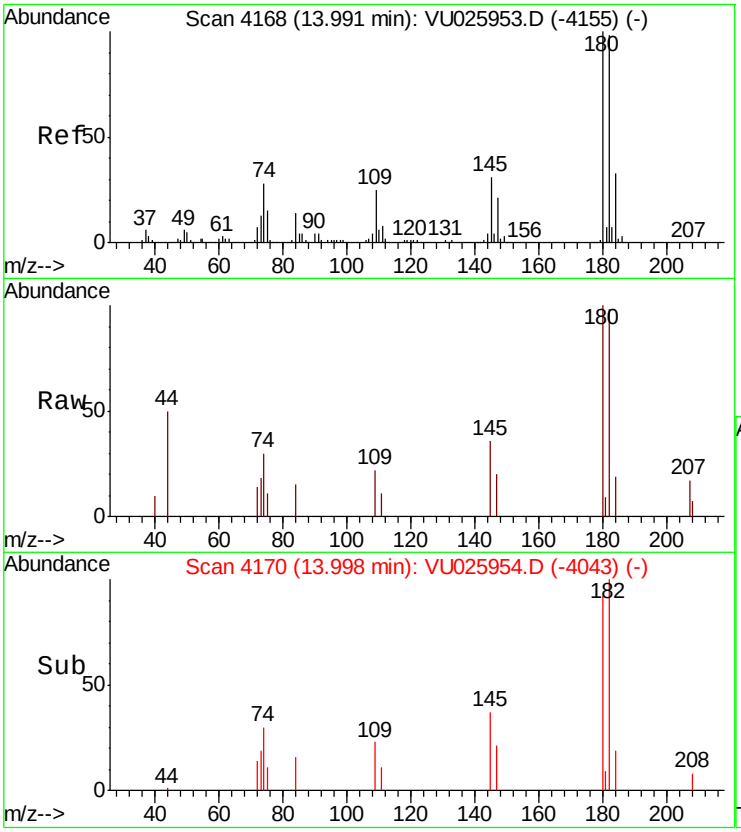


#69
Naphthalene
Concen: 1.352 ug/L
RT: 13.76 min Scan# 4095
Delta R.T. 0.01 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Tgt Ion:128 Resp: 6708

Ion	Ratio	Lower	Upper
128	100		
127	7.5	9.8	14.8#
129	5.2	8.5	12.7#





#70
1,2,3-Trichlorobenzene
Concen: 1.612 ug/L
RT: 14.00 min Scan# 4170
Delta R.T. 0.01 min
Lab File: VU025954.D
Acq: 07 Aug 2018 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Tgt Ion:180 Resp: 2788

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.6	116.4
145	29.1	25.3	37.9