Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\
Data File : VU026962.D
Acq On : 21 Sep 2018 02:47
Operator : MD/SY
Sample : J5012-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Q8

Quant Time: Sep 21 07:02:55 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	197356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71713	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75653	51.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.64%			
7) Chloroethane-d5	1.67	69	70541	56.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.90%			
11) 1,1-Dichloroethene-d2	2.27	63	98145	35.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.06%			
21) 2-Butanone-d5	4.18	46	137627	142.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 142.06%#			
24) Chloroform-d	4.65	84	145810	53.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.68%			
26) 1,2-Dichloroethane-d4	5.31	65	99263	58.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.42%			
32) Benzene-d6	5.34	84	277339	55.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.70%			
36) 1,2-Dichloropropane-d6	6.33	67	97572	60.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.88%#			
41) Toluene-d8	7.57	98	212924	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
43) trans-1,3-Dichloropropene-	7.85	79	38550	53.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.96%			
47) 2-Hexanone-d5	8.31	63	95502	150.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 150.51%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140811	62.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.10%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	92390	61.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.86%#			
Target Compounds						Qvalue
25) Chloroform	4.67	83	8673	3.150	ug/L	100
33) Benzene	5.39	78	333253	60.118	ug/L	100
51) Chlorobenzene	9.12	112	288814	75.877	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	35595	16.282	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	183889	76.390	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	322374	133.177	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	17406	11.940	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	9618	5.991	ug/L	98

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

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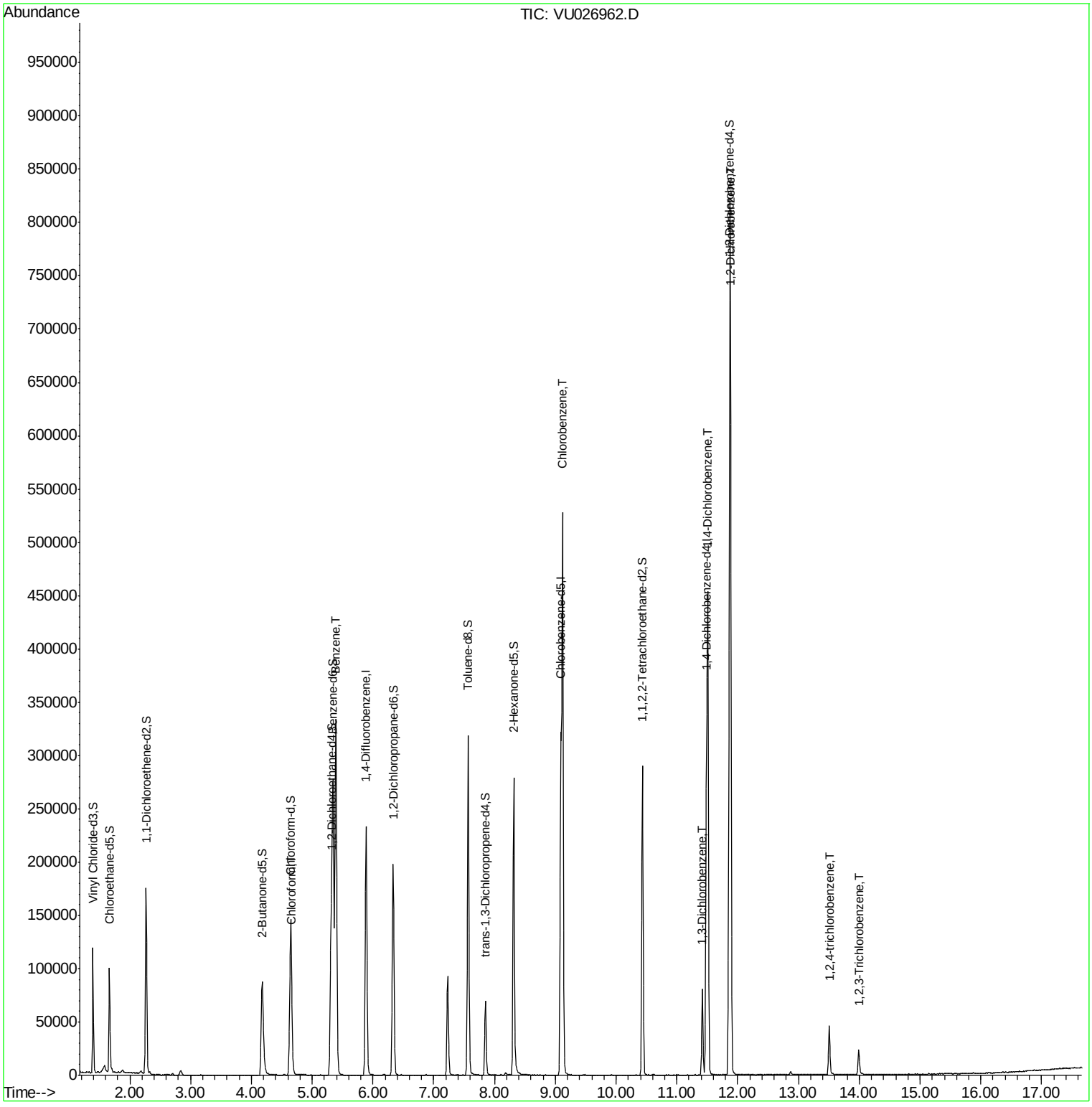
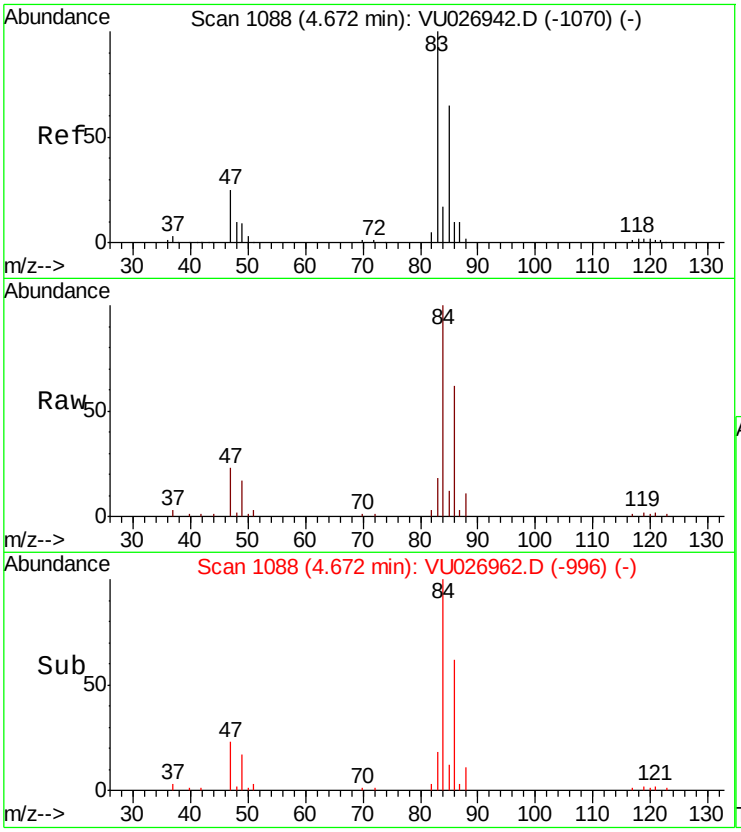


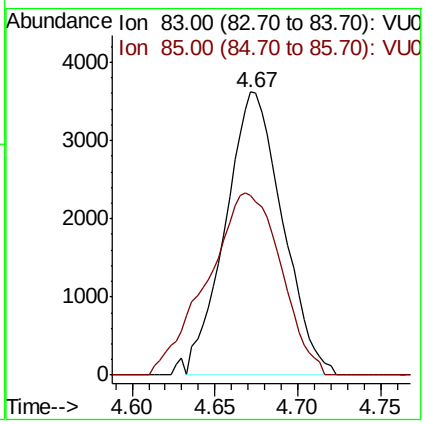


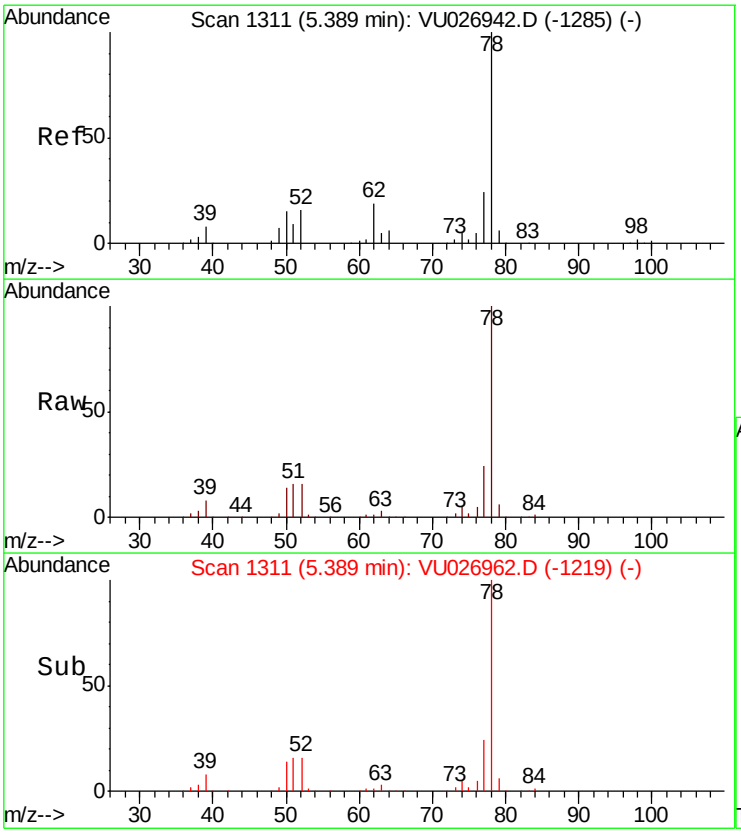
#25
Chloroform
Concen: 3.150 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q8

Tgt Ion: 83 Resp: 8673

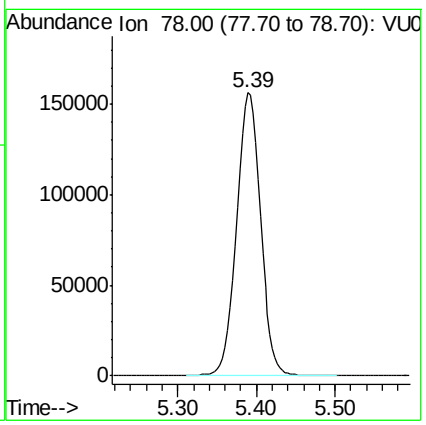
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.4	82.5

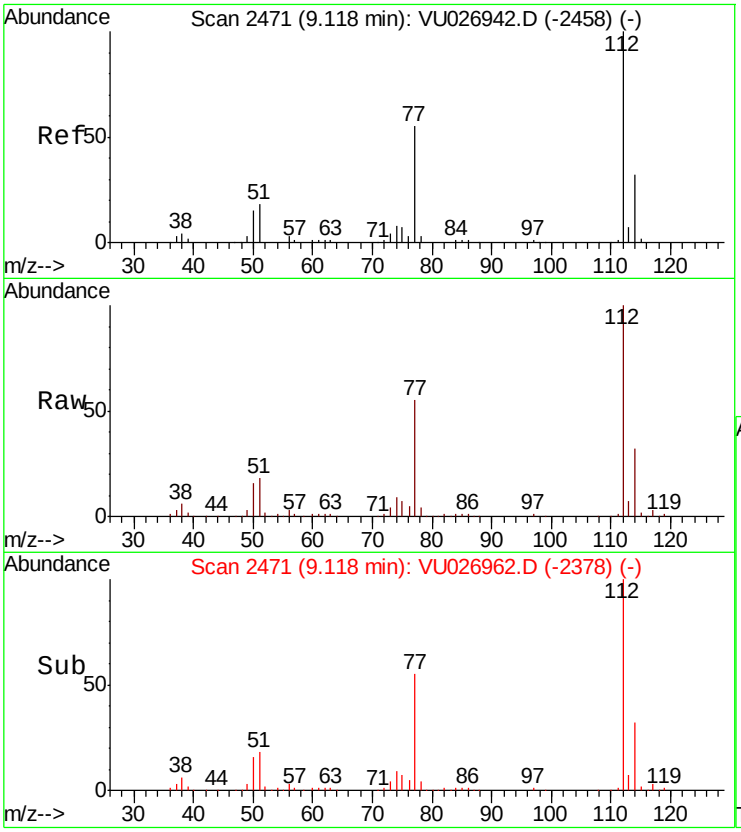




#33
Benzene
Concen: 60.118 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Tgt Ion: 78 Resp: 333253



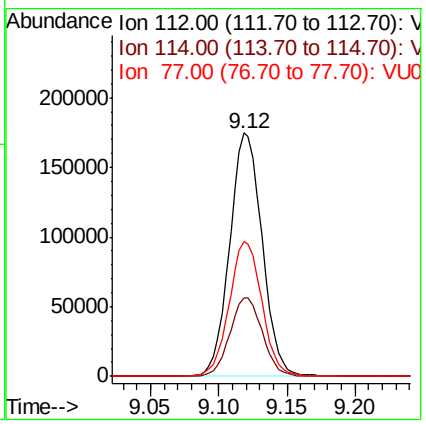


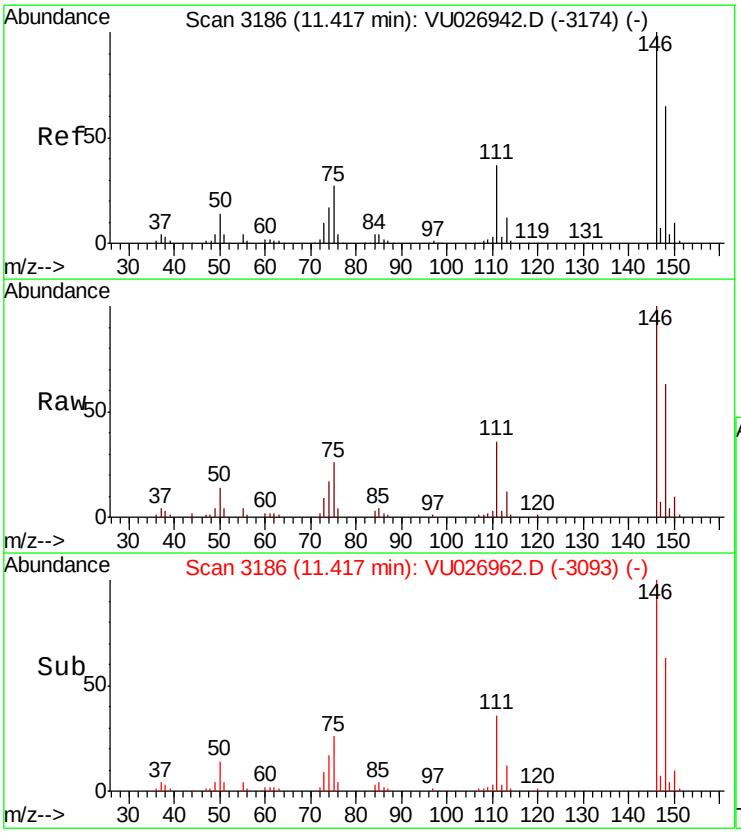
#51
Chlorobenzene
Concen: 75.877 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Instrument : MSVOA_U
ClientSampleId : C08Q8

Tgt Ion:112 Resp: 288814

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	55.4	45.1	67.7

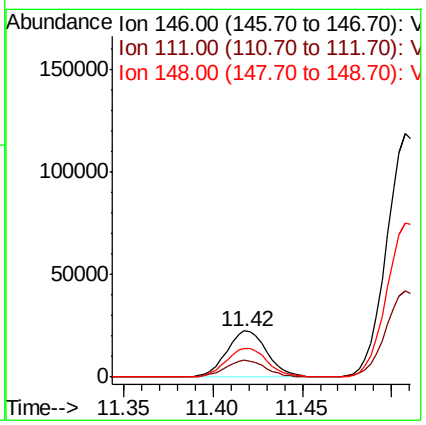


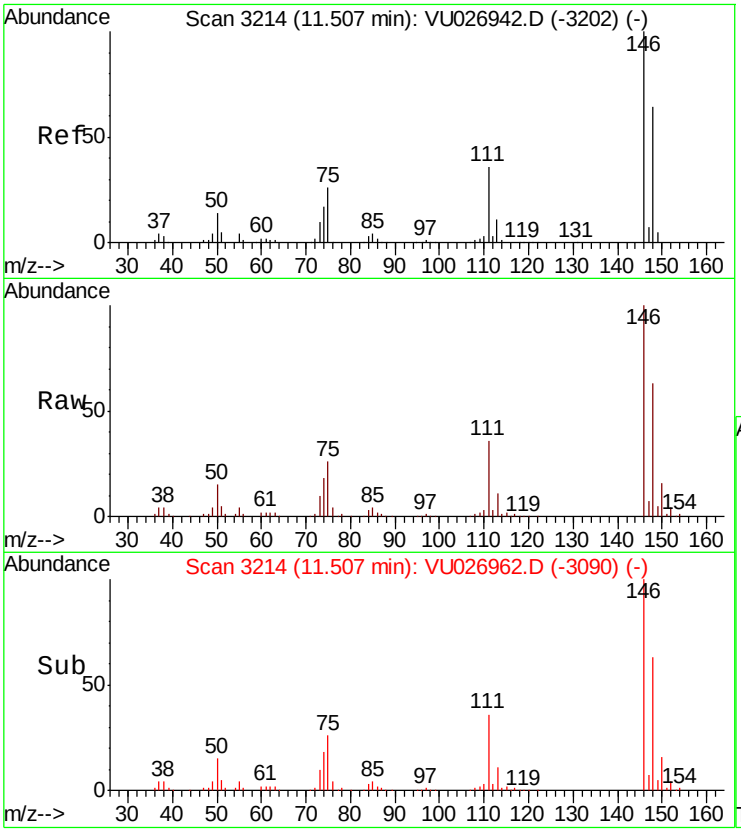


#62
1,3-Dichlorobenzene
Concen: 16.282 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Tgt Ion:146 Resp: 35595

Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.7	49.7
148	62.8	44.9	83.5



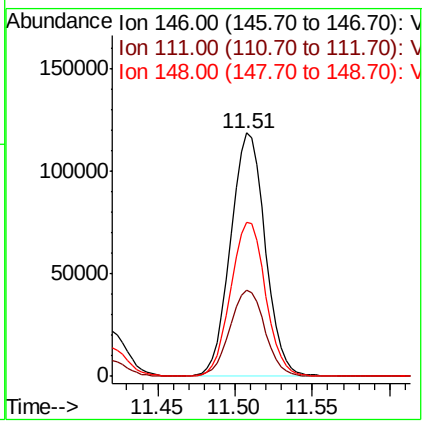


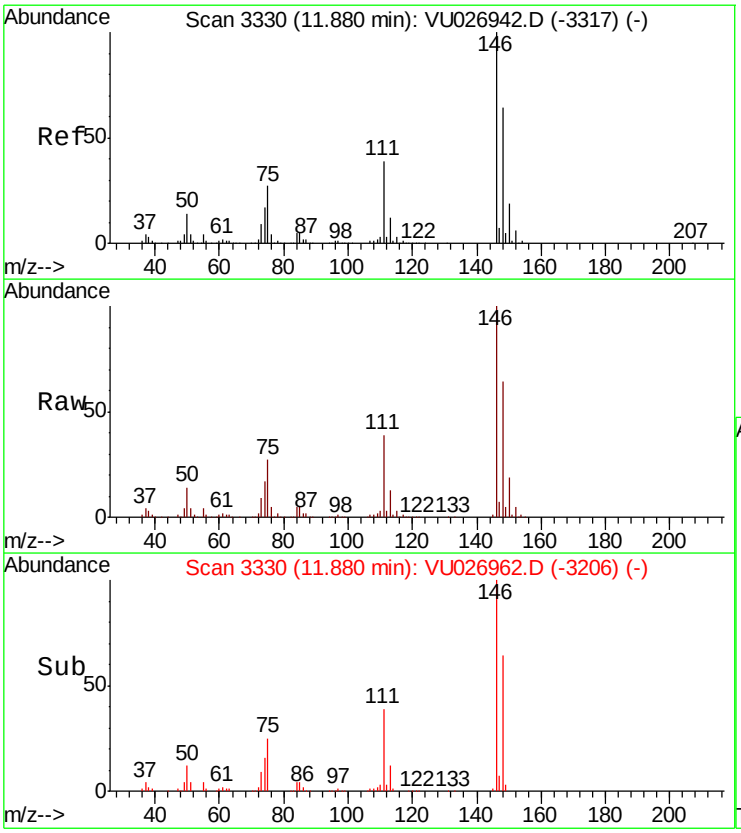
#63
1,4-Dichlorobenzene
Concen: 76.390 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q8

Tgt Ion:146 Resp: 183889

Ion	Ratio	Lower	Upper
146	100		
111	35.6	26.0	48.2
148	63.3	45.8	85.2

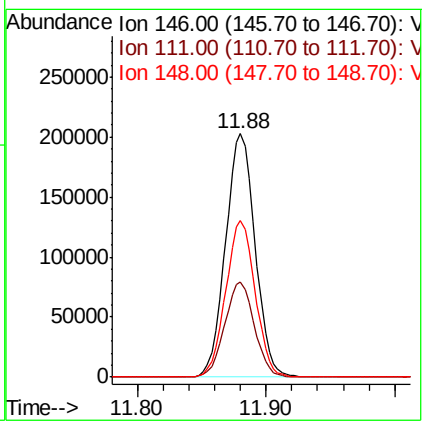


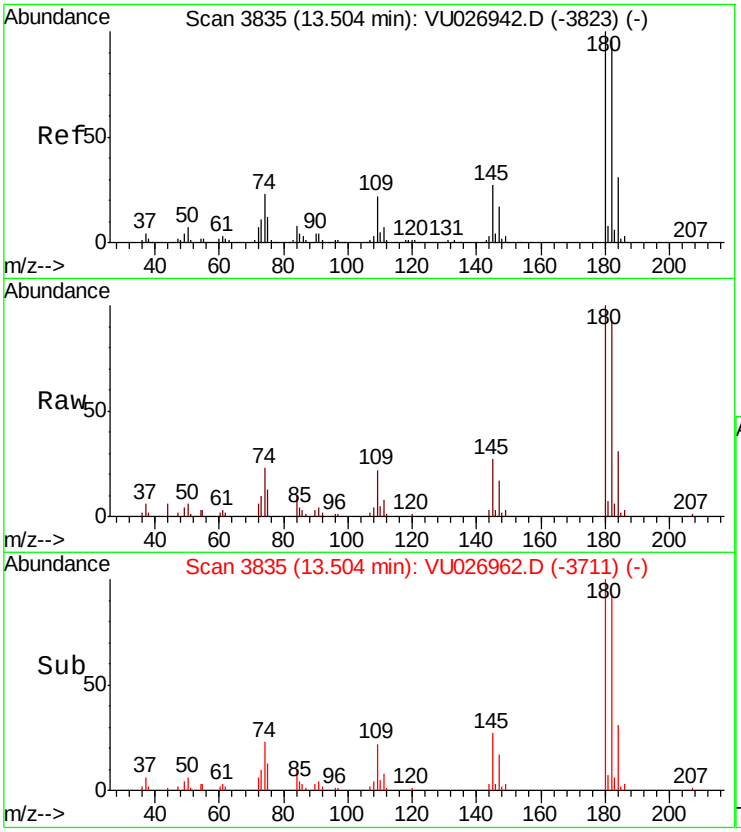


#65
1,2-Dichlorobenzene
Concen: 133.177 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Tgt Ion:146 Resp: 322374

Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.4	47.0
148	64.3	51.4	77.2



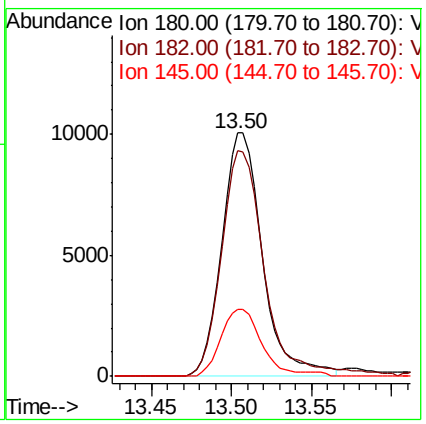


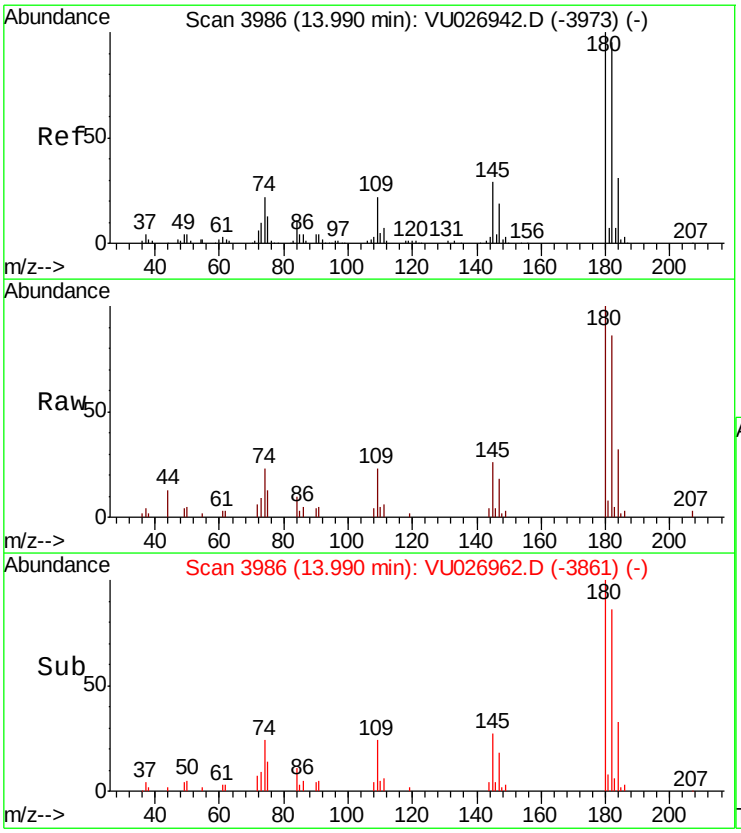
#68
1,2,4-trichlorobenzene
Concen: 11.940 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q8

Tgt Ion:180 Resp: 17406

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	27.5	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 5.991 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026962.D
Acq: 21 Sep 2018 02:47

Tgt Ion:180 Resp: 9618

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	27.7	23.8	35.6