Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026741.D
Acq On : 13 Sep 2018 21:22
Operator : MD/SY
Sample : J4893-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08N5

Quant Time: Sep 14 02:54:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	184906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	72535	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60584	43.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.94%			
7) Chloroethane-d5	1.68	69	49100	44.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.44%			
11) 1,1-Dichloroethene-d2	2.27	63	84838	34.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.80%			
21) 2-Butanone-d5	4.18	46	82192	95.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.85%			
24) Chloroform-d	4.65	84	96155	41.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.94%			
26) 1,2-Dichloroethane-d4	5.31	65	66051	44.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.10%			
32) Benzene-d6	5.34	84	204376	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.02%			
36) 1,2-Dichloropropane-d6	6.33	67	69747	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.64%			
41) Toluene-d8	7.57	98	182840	45.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.54%			
43) trans-1,3-Dichloropropene-	7.85	79	28839	43.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.84%			
47) 2-Hexanone-d5	8.31	63	57735	99.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.05%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89255	45.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67537	46.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.42%			
Target Compounds						Qvalue
13) Acetone	2.32	43	8231	8.428	ug/L	99
33) Benzene	5.40	78	6236	1.354	ug/L	100
51) Chlorobenzene	9.12	112	25460	8.121	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	1843	0.885	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	26626	12.068	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	16731	7.601	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	7326	5.102	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	756	0.486	ug/L	90

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

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Quant Title : VOC Analysis
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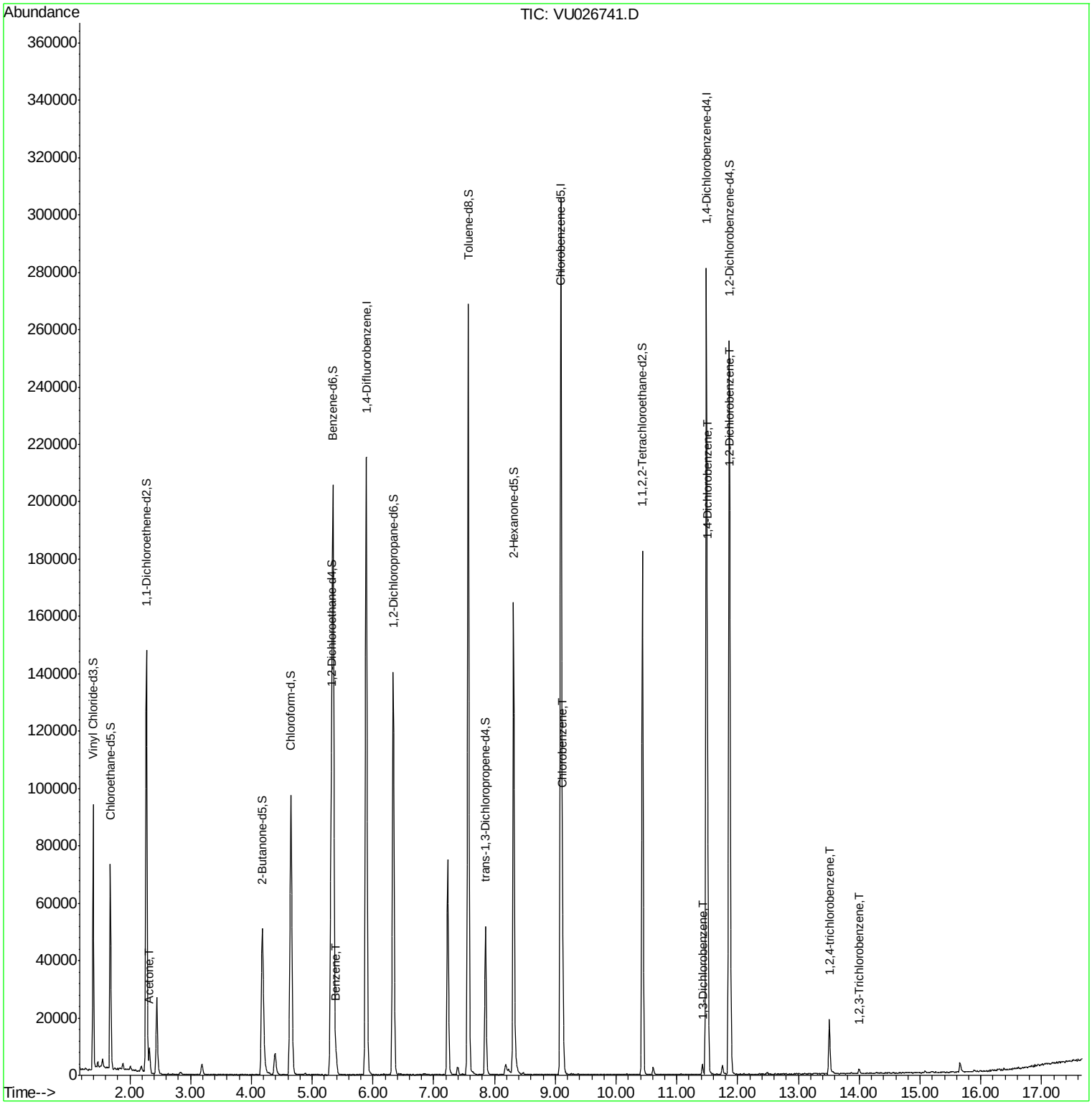
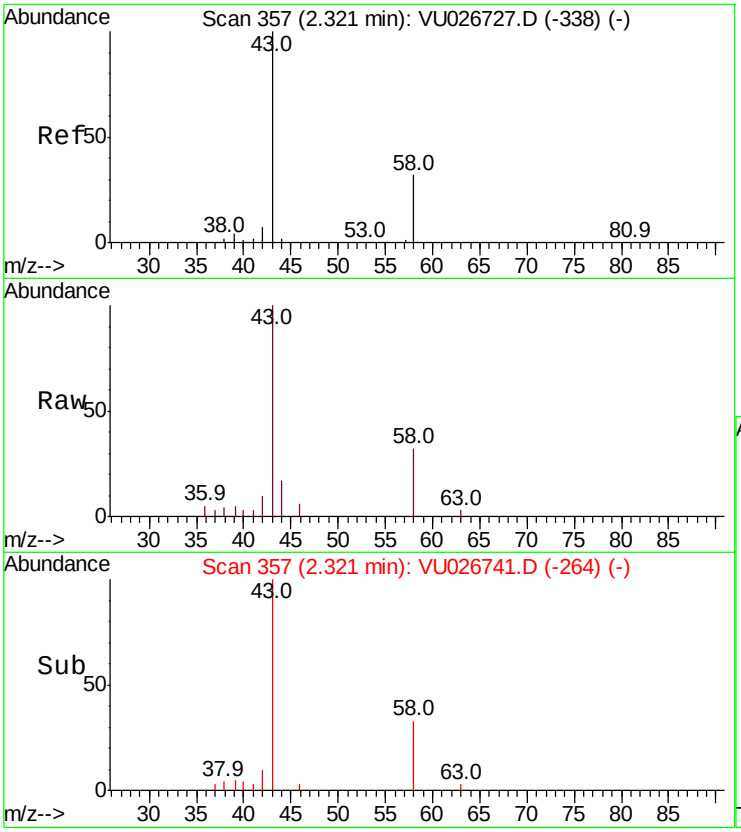


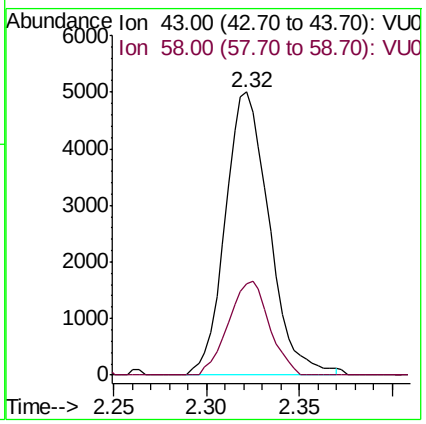


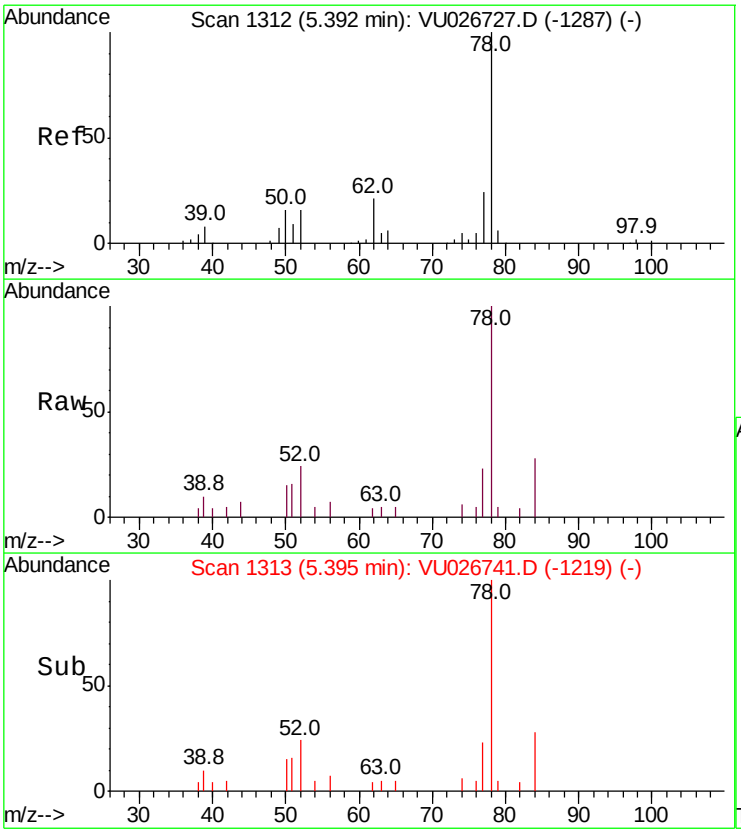
#13
Acetone
Concen: 8.428 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
C08N5

Tgt Ion: 43 Resp: 8231

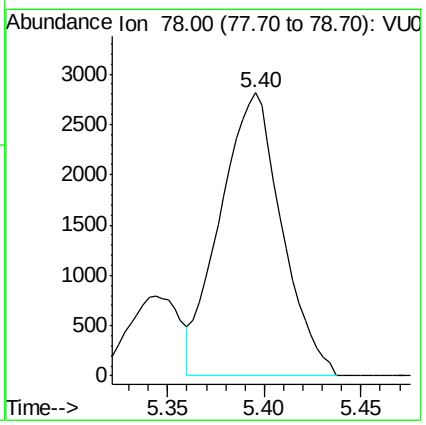
Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	62.8

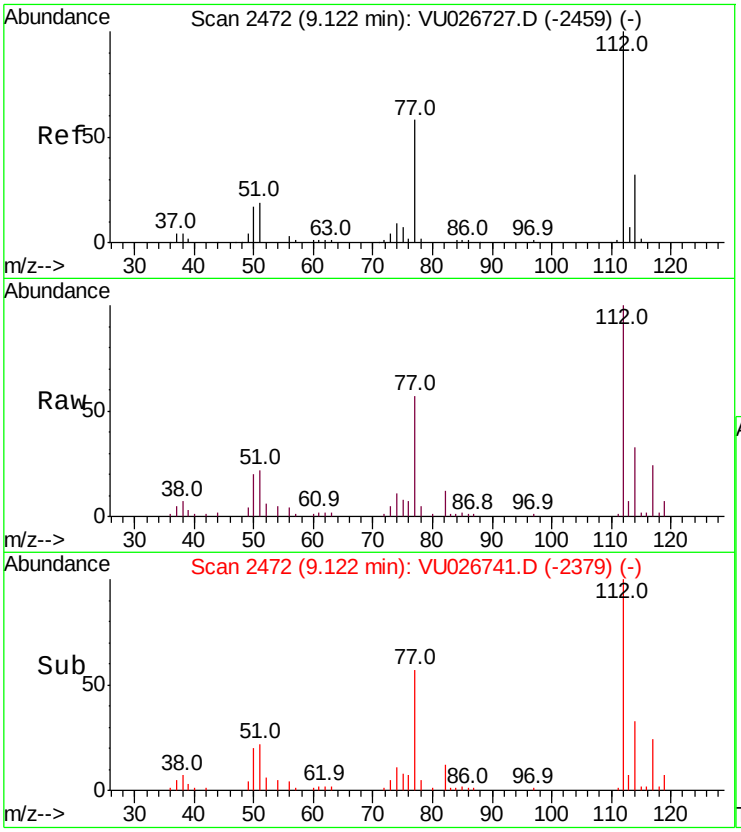




#33
Benzene
Concen: 1.354 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Tgt Ion: 78 Resp: 6236



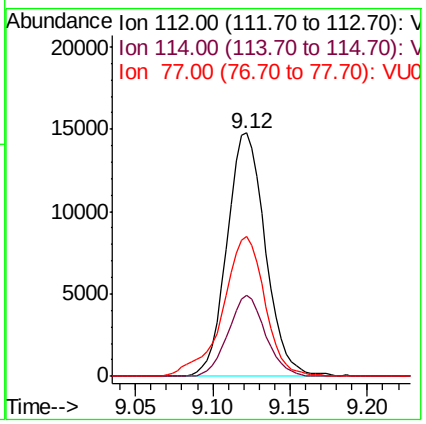


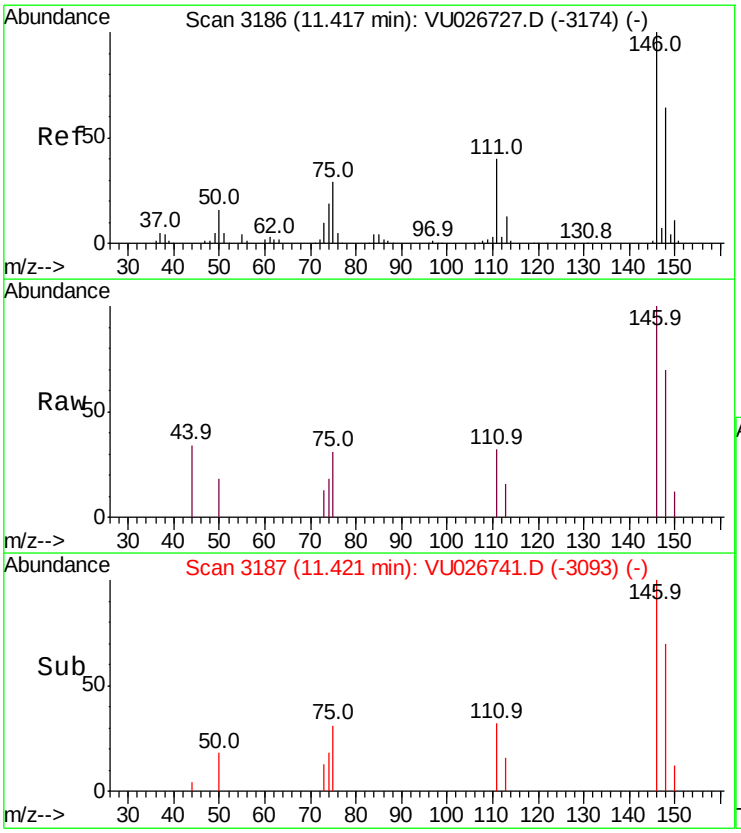
#51
Chlorobenzene
Concen: 8.121 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
C08N5

Tgt Ion:112 Resp: 25460

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.9	42.5
77	57.4	47.2	70.8

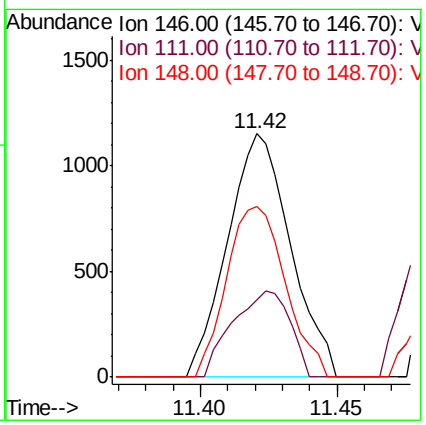


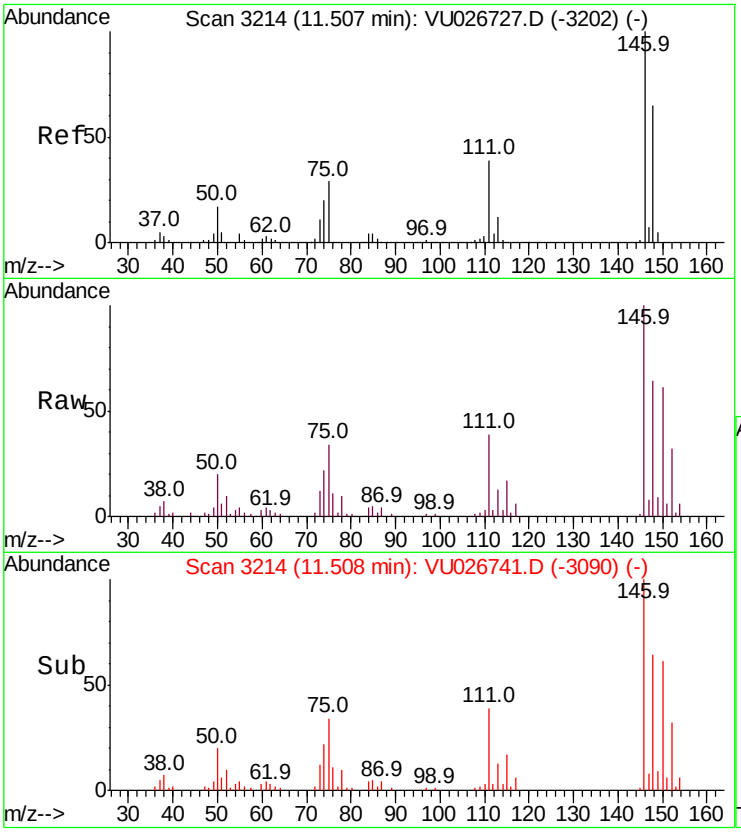


#62
1,3-Dichlorobenzene
Concen: 0.885 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Tgt Ion:146 Resp: 1843

Ion	Ratio	Lower	Upper
146	100		
111	31.8	26.7	49.5
148	69.8	44.2	82.2



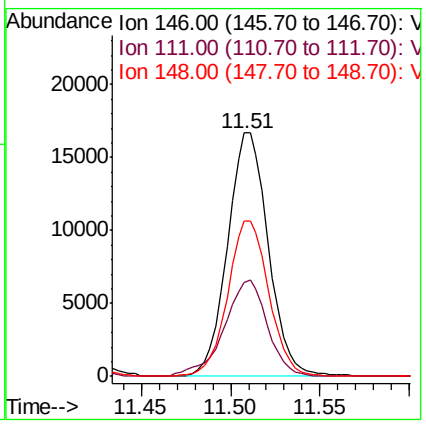


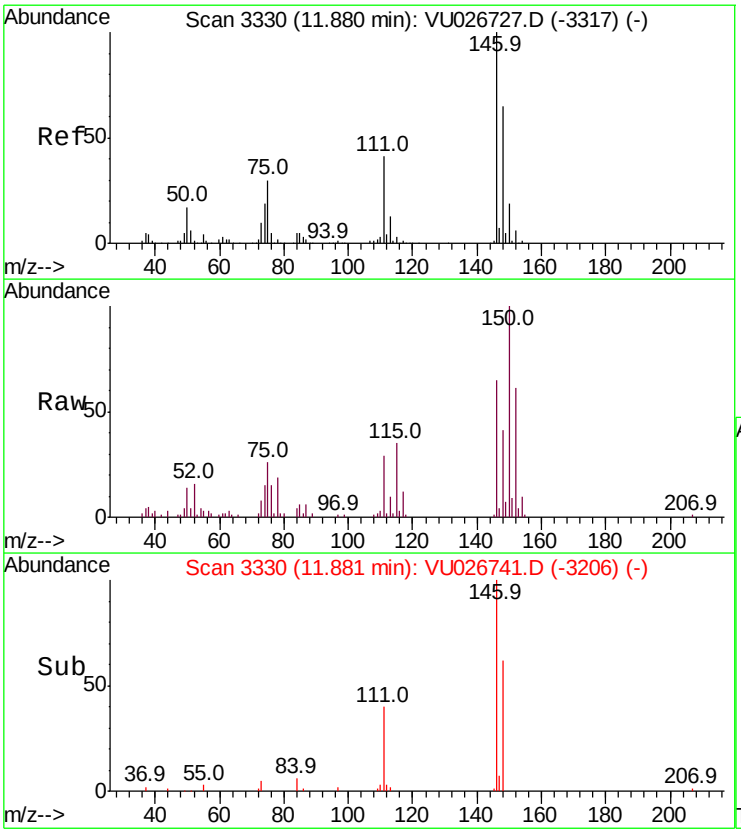
#63
1,4-Dichlorobenzene
Concen: 12.068 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
C08N5

Tgt Ion:146 Resp: 26626

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	49.3
148	63.6	45.2	84.0

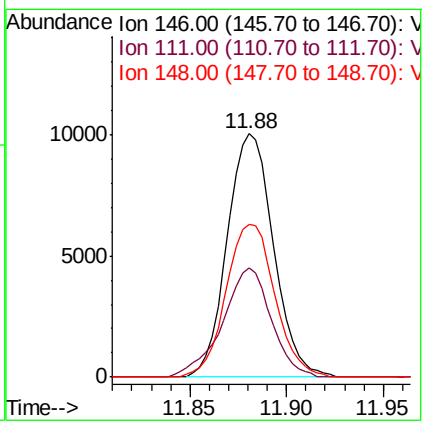


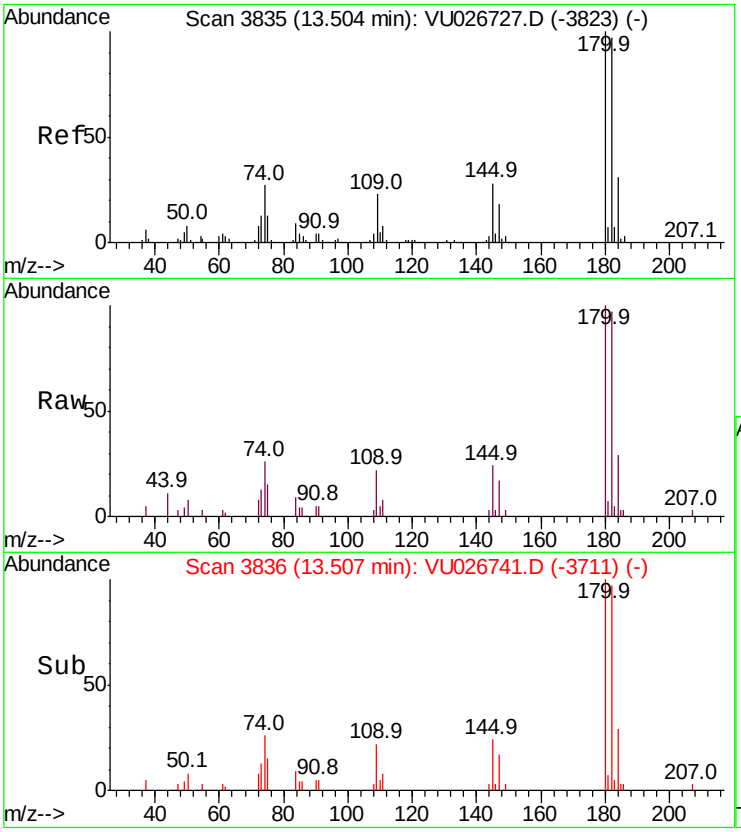


#65
1,2-Dichlorobenzene
Concen: 7.601 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Tgt Ion:146 Resp: 16731

Ion	Ratio	Lower	Upper
146	100		
111	44.9	32.8	49.2
148	63.0	52.2	78.4



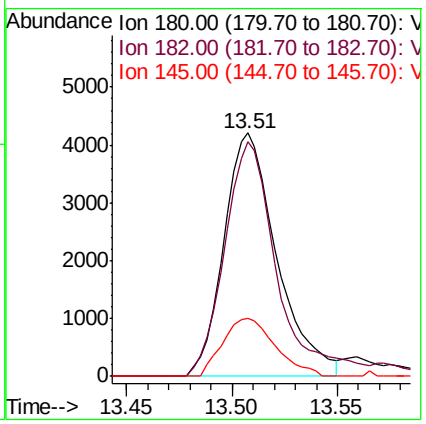


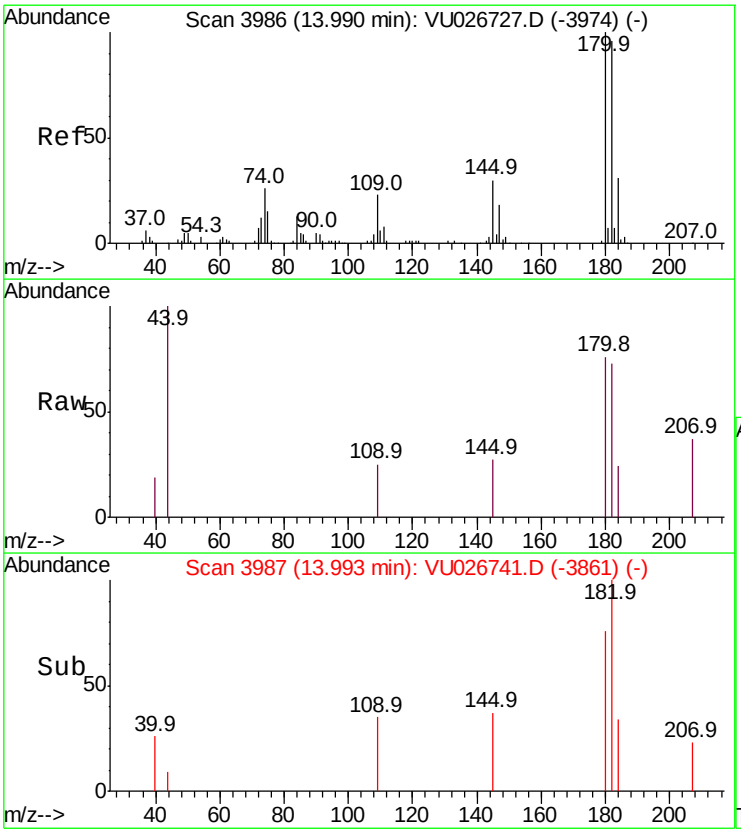
#68
1,2,4-trichlorobenzene
Concen: 5.102 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
C08N5

Tgt Ion:180 Resp: 7326

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	23.8	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 0.486 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026741.D
Acq: 13 Sep 2018 21:22

Tgt Ion:180 Resp: 756

Ion	Ratio	Lower	Upper
180	100		
182	105.4	76.7	115.1
145	23.3	23.0	34.6