Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026732.D
Acq On : 13 Sep 2018 17:53
Operator : MD/SY
Sample : J4893-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08K1

Manual Integrations APPROVED
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9/19/2018 1:55:23 PM

Quant Time: Sep 14 01:48:38 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	187366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85421	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62666	44.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.76%			
7) Chloroethane-d5	1.68	69	50499	44.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.76%			
11) 1,1-Dichloroethene-d2	2.27	63	83877	33.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.14%			
21) 2-Butanone-d5	4.18	46	83415	96.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.00%			
24) Chloroform-d	4.65	84	98374	42.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.74%			
26) 1,2-Dichloroethane-d4	5.31	65	68011	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
32) Benzene-d6	5.34	84	207297	45.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.90%			
36) 1,2-Dichloropropane-d6	6.33	67	71079	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.88%			
41) Toluene-d8	7.57	98	187445	43.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	7.85	79	30075	42.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.54%			
47) 2-Hexanone-d5	8.31	63	59061	94.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92065	43.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79188m	46.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1548	1.564	ug/L	92
51) Chlorobenzene	9.12	112	703742	209.549	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	60590	24.703	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	153878	59.222	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	953505	367.834	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	302724	179.022	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	90931	49.643	ug/L	99

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

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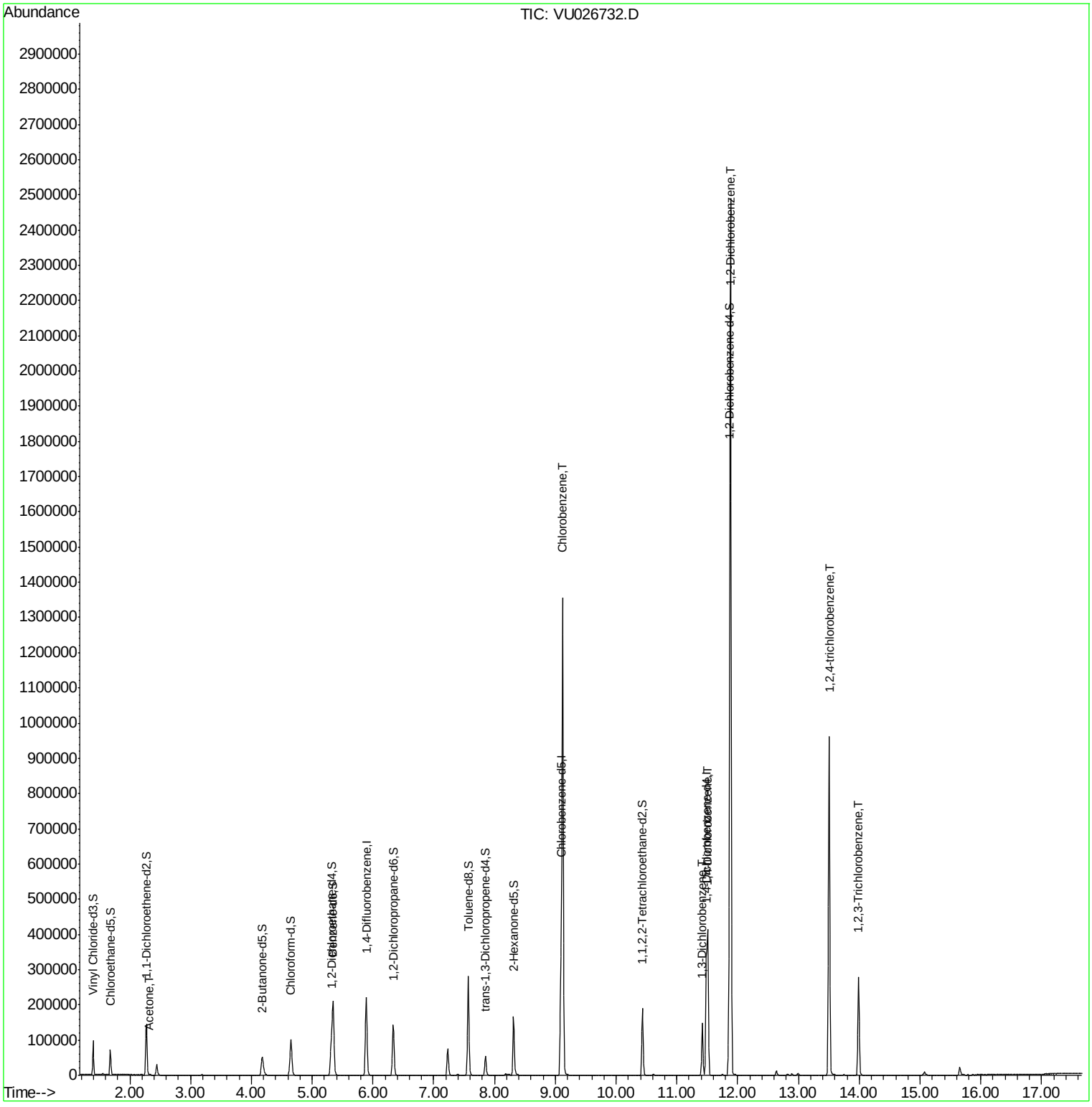
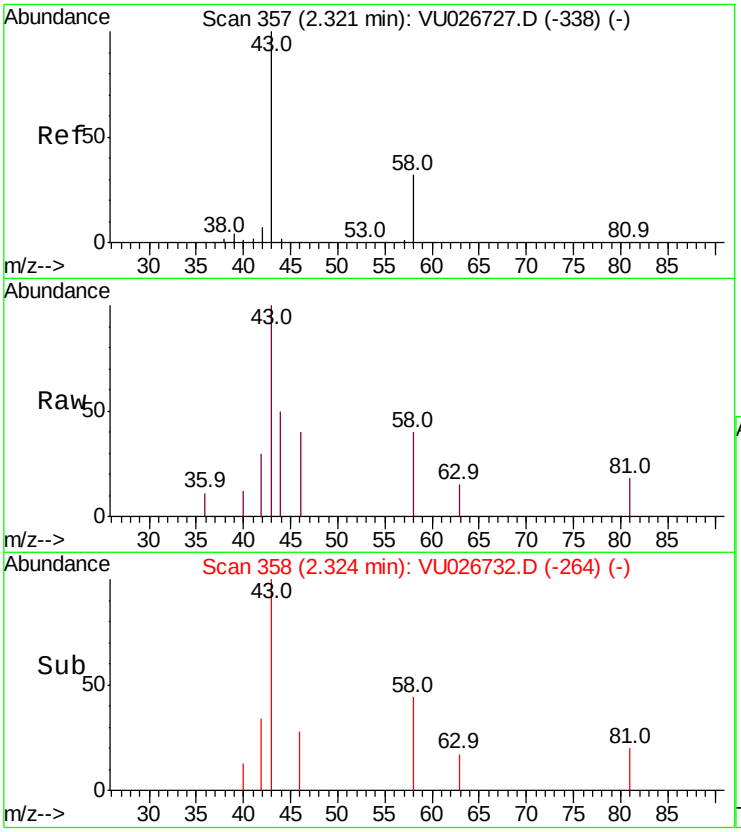
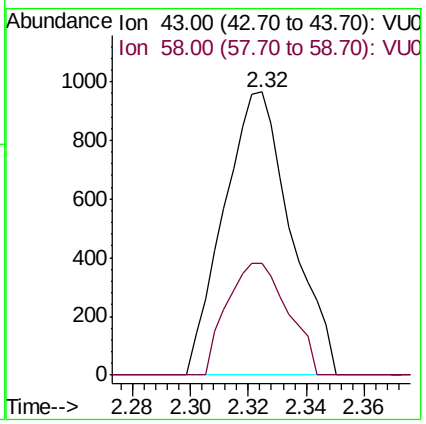




#13
Acetone
Concen: 1.564 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion: 43 Resp: 1548

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	62.8



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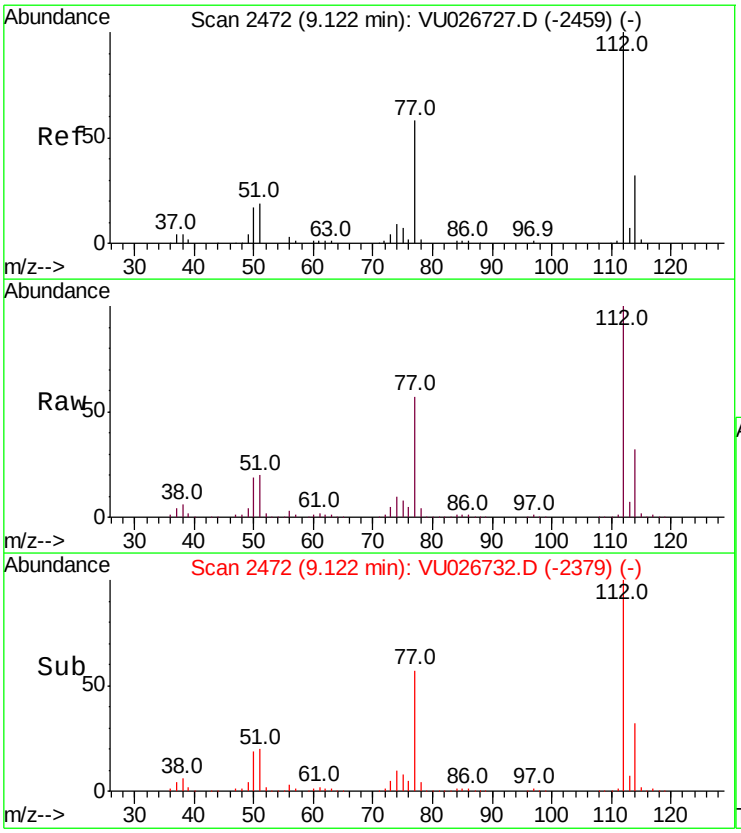
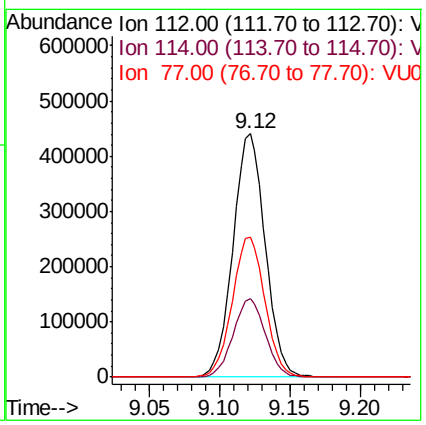
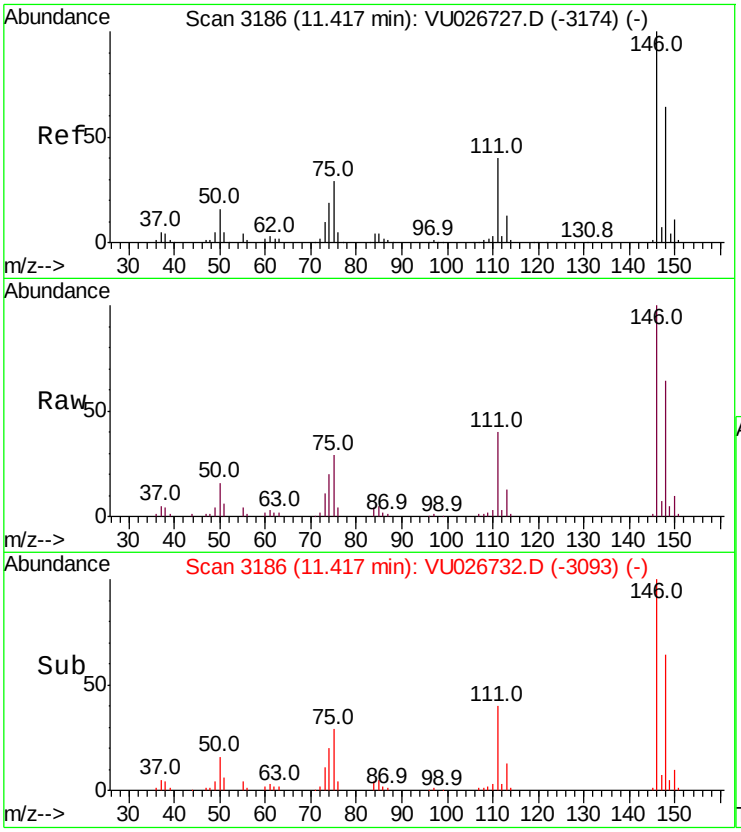


#51
Chlorobenzene
Concen: 209.549 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:112 Resp: 703742

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	57.5	47.2	70.8

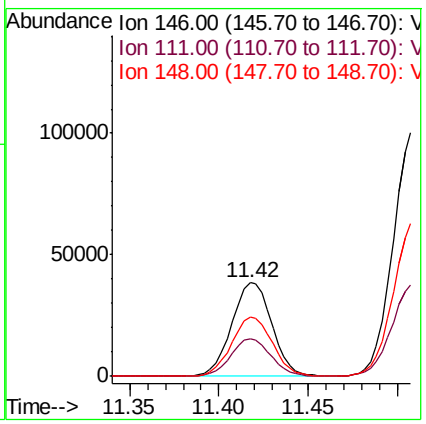




#62
1,3-Dichlorobenzene
Concen: 24.703 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:146 Resp: 60590

Ion	Ratio	Lower	Upper
146	100		
111	40.4	26.7	49.5
148	64.0	44.2	82.2



Instrument :
MSVOA_U
ClientSampleId :
C08K1

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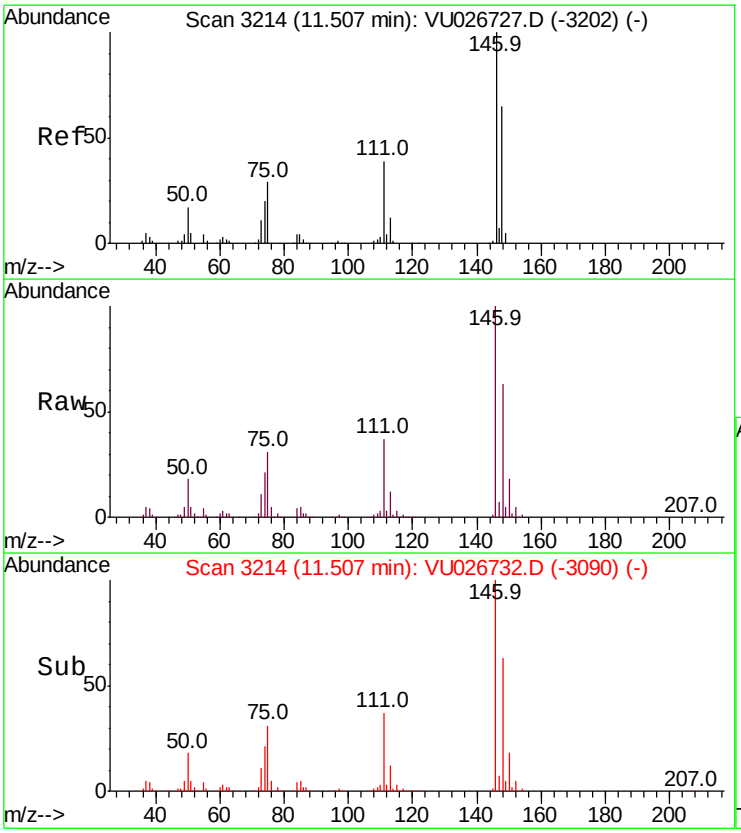
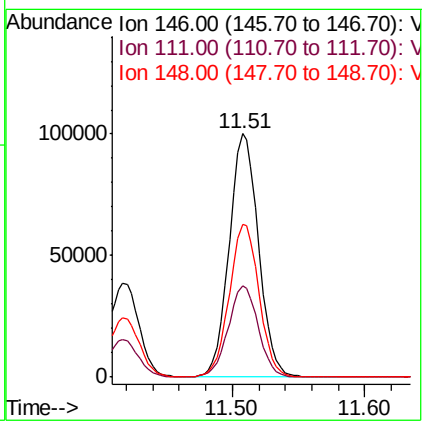
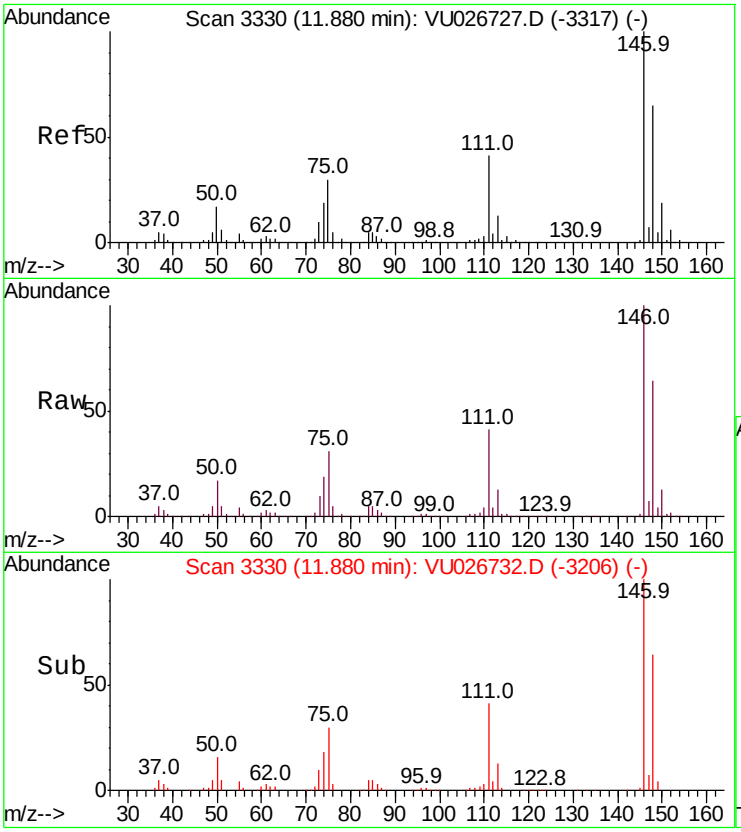


#63
1,4-Dichlorobenzene
Concen: 59.222 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:146 Resp: 153878

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.5	49.3
148	62.8	45.2	84.0

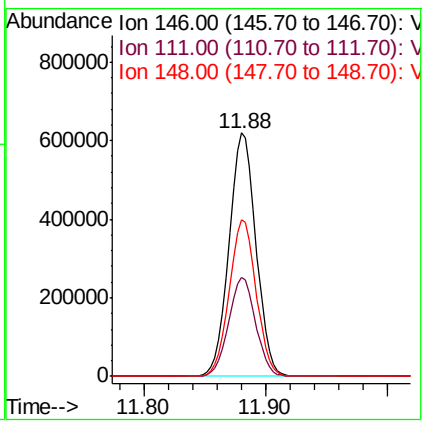




#65
1,2-Dichlorobenzene
Concen: 367.834 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:146 Resp: 953505

Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.8	49.2
148	64.1	52.2	78.4



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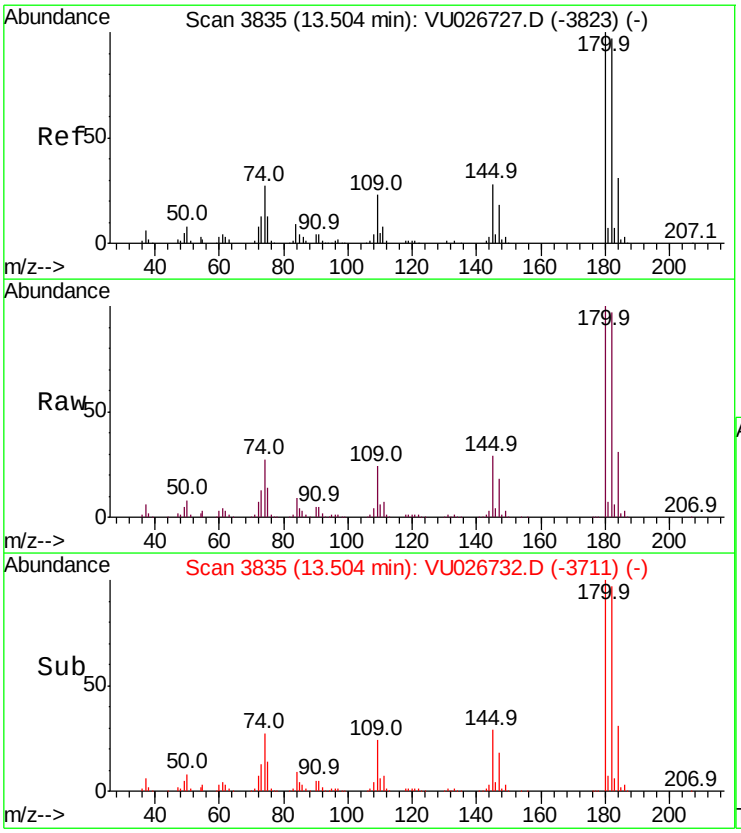
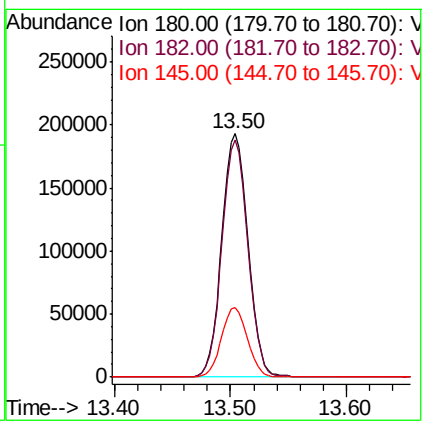
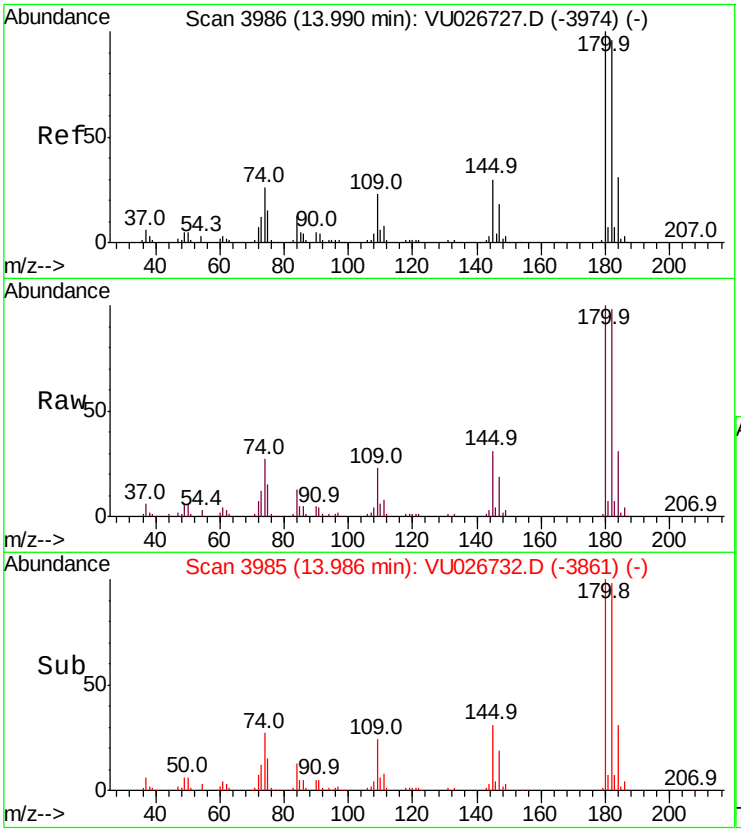


#68
1,2,4-trichlorobenzene
Concen: 179.022 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:180 Resp: 302724

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.0	114.0
145	28.3	23.4	35.0

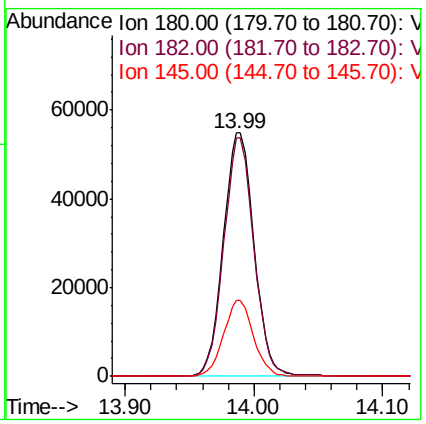




#70
1,2,3-Trichlorobenzene
Concen: 49.643 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU026732.D
Acq: 13 Sep 2018 17:53

Tgt Ion:180 Resp: 90931

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	30.2	23.0	34.6



Instrument :
MSVOA_U
ClientSampleId :
C08K1

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