Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU026020.D
Acq On : 10 Aug 2018 01:18
Operator : MD/SY
Sample : J4401-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2DL

Manual Integrations APPROVED
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8/10/2018 4:08:58 PM

Quant Time: Aug 10 08:15:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125356	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75535	35.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.94%			
7) Chloroethane-d5	1.65	69	69118	41.52	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.04%			
11) 1,1-Dichloroethene-d2	2.27	63	114583	28.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.44%#			
21) 2-Butanone-d5	4.18	46	153618	87.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.77%			
24) Chloroform-d	4.65	84	187427	42.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.18%			
26) 1,2-Dichloroethane-d4	5.31	65	131534	43.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.46%			
32) Benzene-d6	5.34	84	360200	43.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.33	67	117174	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.46%			
41) Toluene-d8	7.57	98	321282	40.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.18%			
43) trans-1,3-Dichloropropene-	7.85	79	54732	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.16%			
47) 2-Hexanone-d5	8.31	63	113614	92.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.28%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179226	45.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.42%			
64) 1,2-Dichlorobenzene-d4	11.86	152	136801	44.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.54%			
Target Compounds						Qvalue
13) Acetone	2.32	43	9902	9.11	ug/L	96
22) 2-Butanone	4.28	43	5525m	3.51	ug/L	
51) Chlorobenzene	9.12	112	172941	31.45	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	7908	2.03	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	61020	14.92	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	70878	17.06	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	23536	9.54	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	5277	1.99	ug/L	95

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

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Instrument :
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A4ZE2DL

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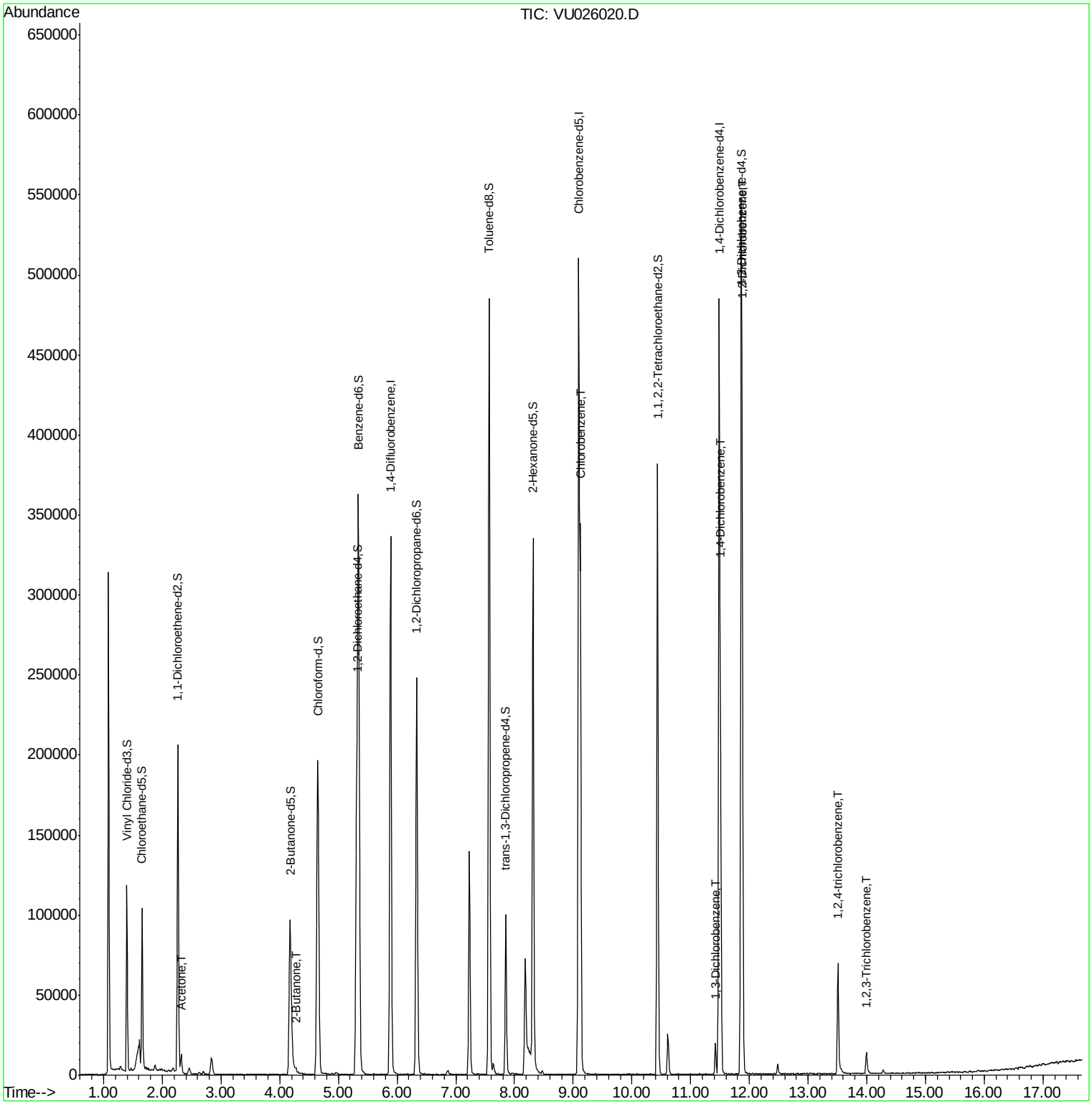
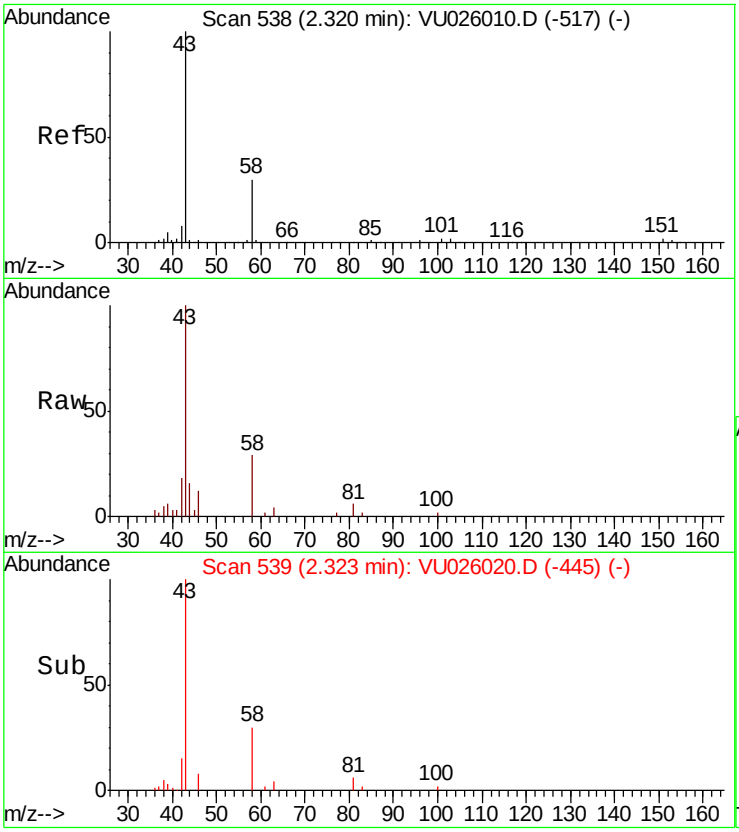
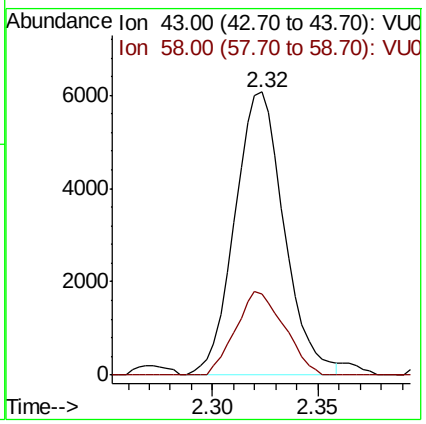




#13
Acetone
Concen: 9.11 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion: 43 Resp: 9902

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	61.8



Instrument :
MSVOA_U
ClientSampleId :
A4ZE2DL

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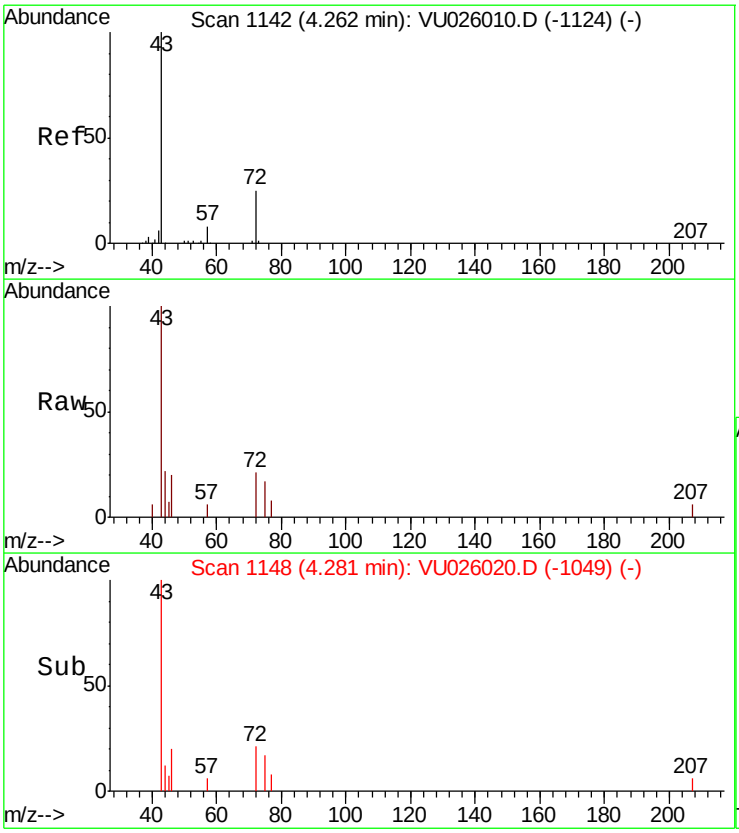
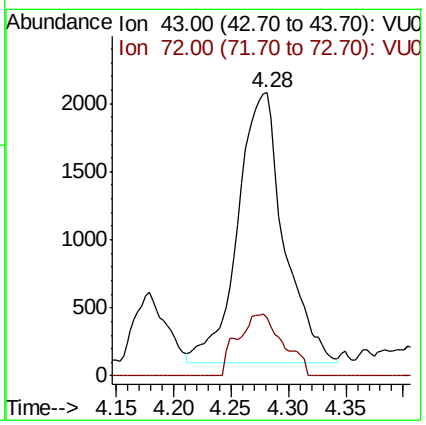
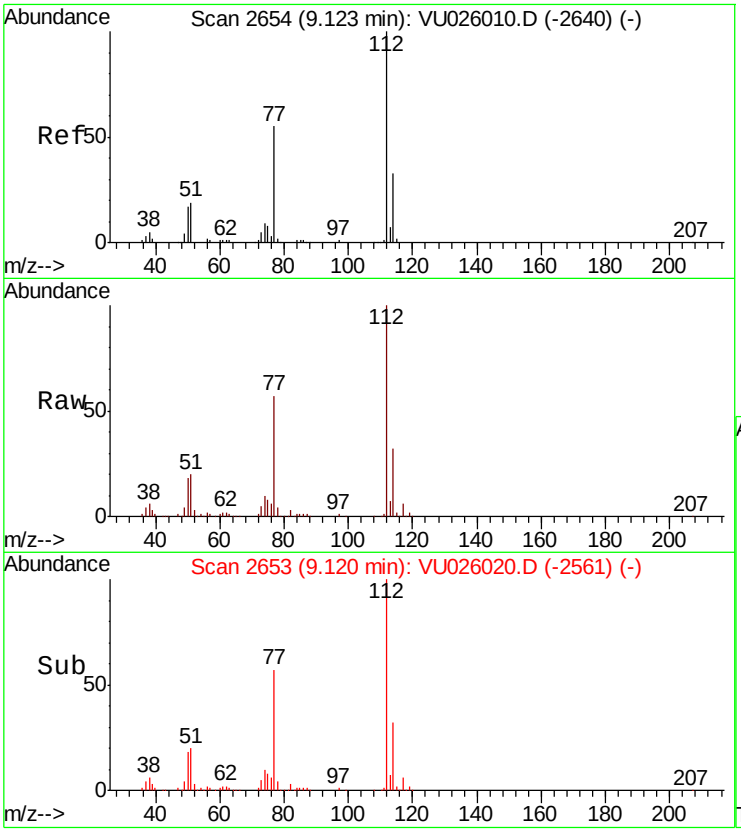


#22
2-Butanone
Concen: 3.51 ug/L m
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion: 43 Resp: 5525

Ion	Ratio	Lower	Upper
43	100		
72	3.5	13.5	40.5#

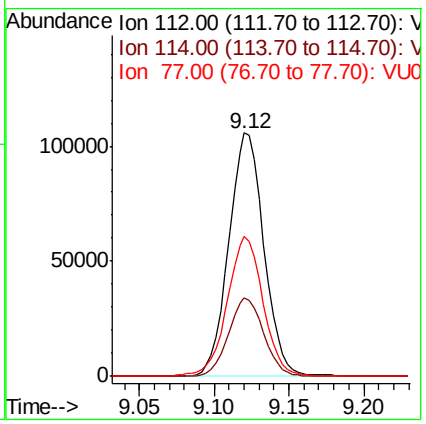




#51
Chlorobenzene
Concen: 31.45 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:112 Resp: 172941

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	57.5	45.2	67.8



Instrument :
MSVOA_U
ClientSampleId :
A4ZE2DL

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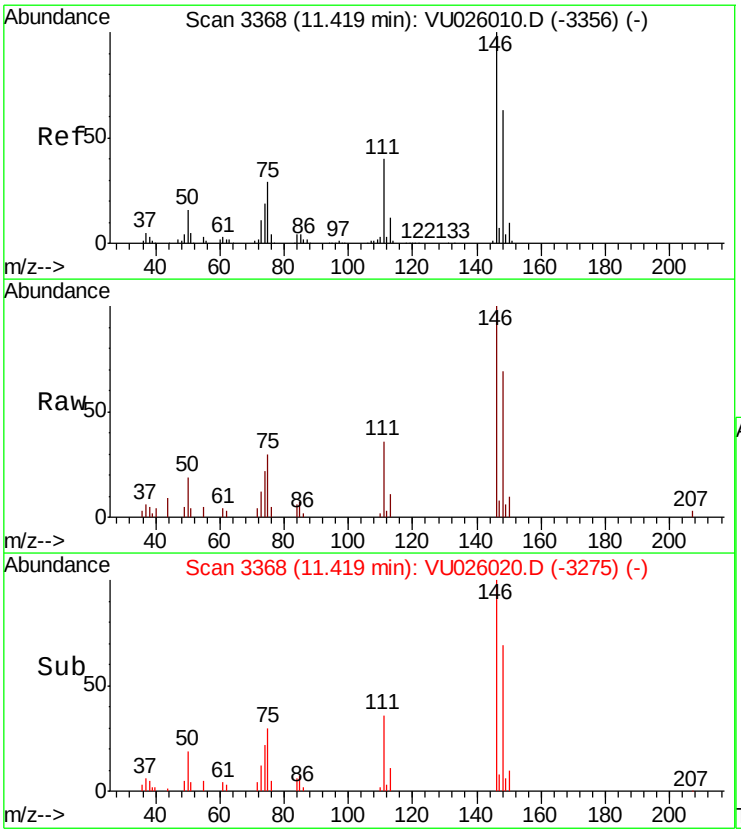
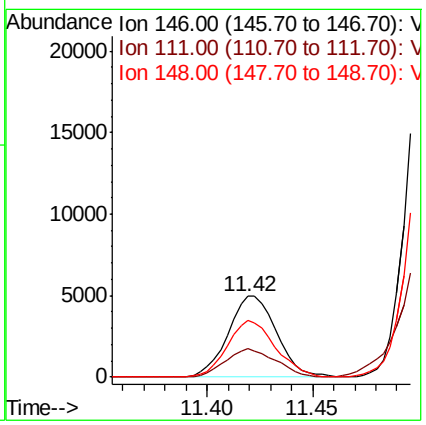
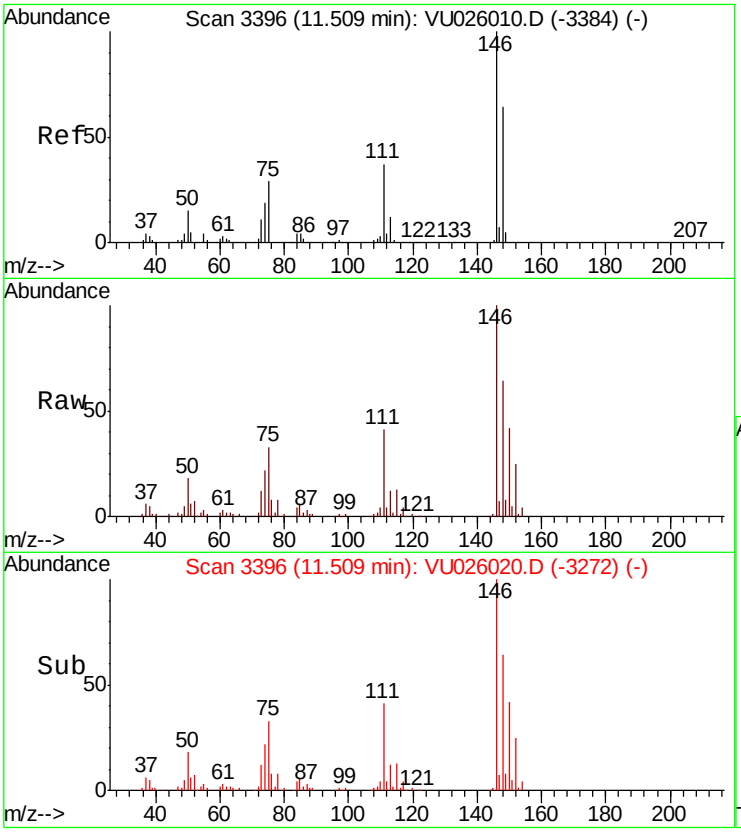


#62
1,3-Dichlorobenzene
Concen: 2.03 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:146 Resp: 7908

Ion	Ratio	Lower	Upper
146	100		
111	35.7	27.9	51.9
148	69.4	46.0	85.4

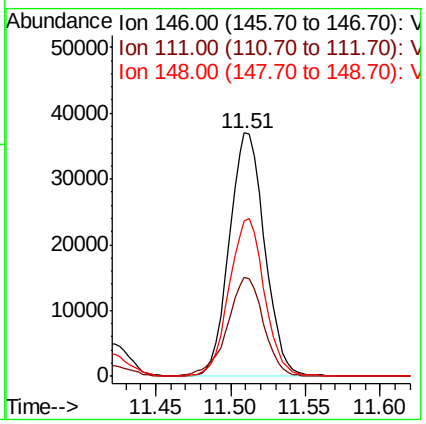




#63
1,4-Dichlorobenzene
Concen: 14.92 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:146 Resp: 61020

Ion	Ratio	Lower	Upper
146	100		
111	40.5	26.4	49.0
148	63.8	43.8	81.4



Instrument :
MSVOA_U
ClientSampleId :
A4ZE2DL

Manual Integrations APPROVED
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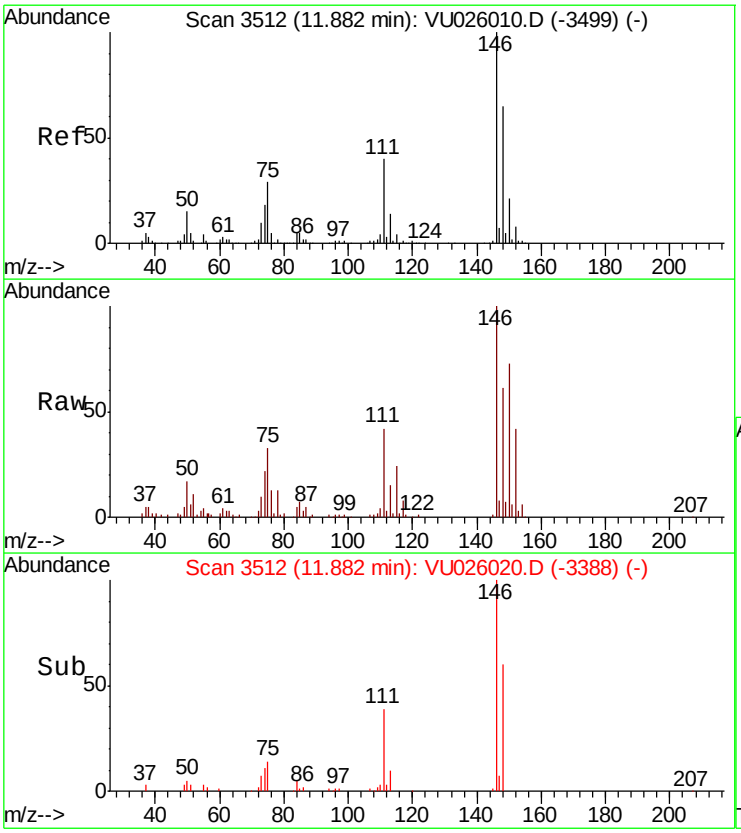
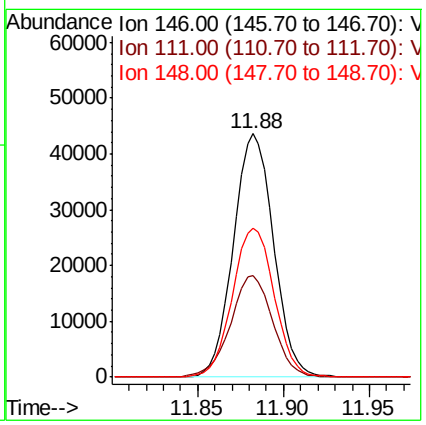
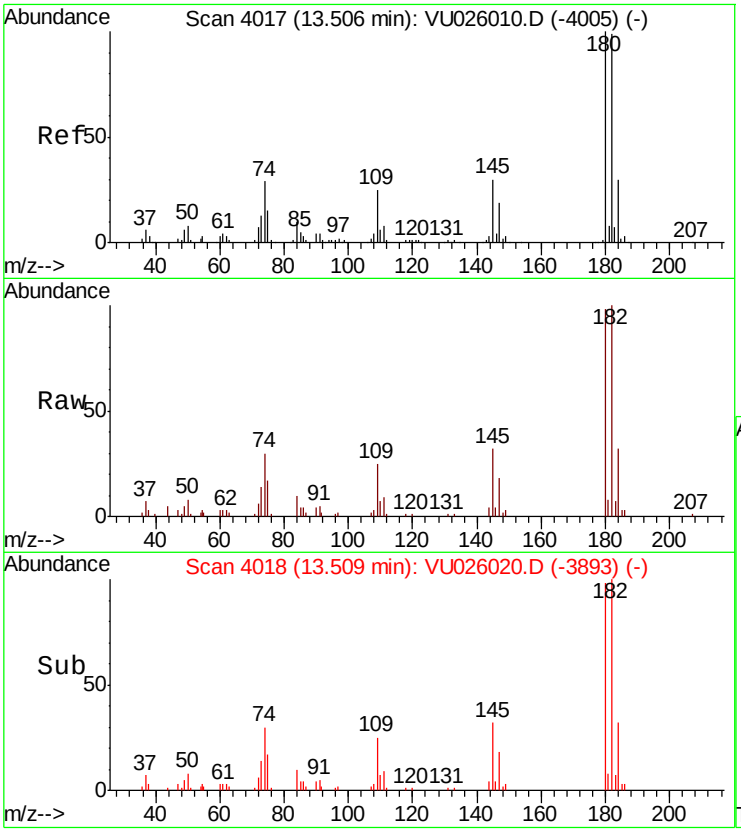


#65
1,2-Dichlorobenzene
Concen: 17.06 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:146 Resp: 70878

Ion	Ratio	Lower	Upper
146	100		
111	41.9	32.4	48.6
148	61.1	50.1	75.1

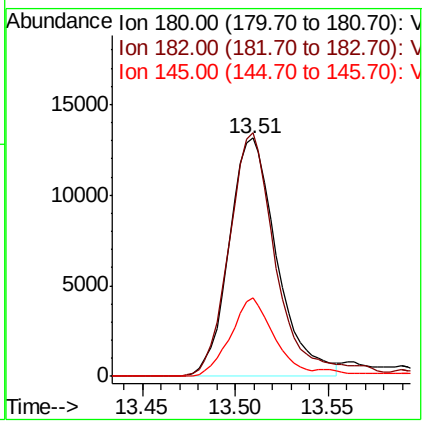




#68
1,2,4-trichlorobenzene
Concen: 9.54 ug/L
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:180 Resp: 23536

Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.5	114.7
145	29.7	24.2	36.4



Instrument :
MSVOA_U
ClientSampleId :
A4ZE2DL

Manual Integrations APPROVED
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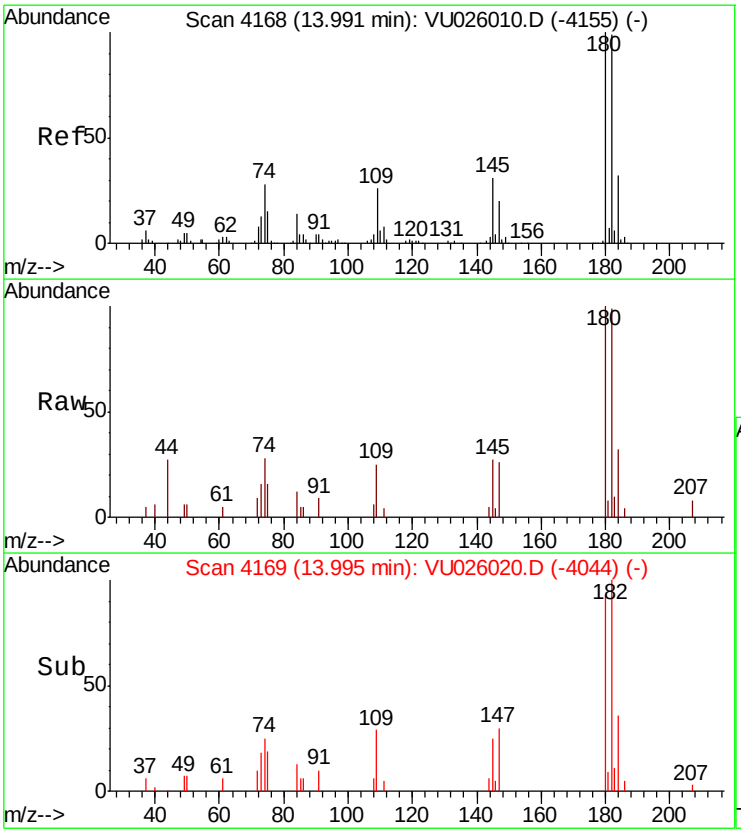
8/10/2018 4:08:58 PM



#70
1,2,3-Trichlorobenzene
Concen: 1.99 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU026020.D
Acq: 10 Aug 2018 01:18

Tgt Ion:180 Resp: 5277

Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.5	114.7
145	32.3	24.7	37.1