Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025951.D
Acq On : 07 Aug 2018 20:28
Operator : MD/SY
Sample : J4363-04DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZA8DL

Quant Time: Aug 08 04:23:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 07 12:44:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296279	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137333	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82526	45.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.72%			
7) Chloroethane-d5	1.68	69	65976	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.76%			
11) 1,1-Dichloroethene-d2	2.27	63	119758	34.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.72%			
21) 2-Butanone-d5	4.18	46	131160	105.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.92%			
24) Chloroform-d	4.65	84	171019	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
26) 1,2-Dichloroethane-d4	5.31	65	115937	50.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.84%			
32) Benzene-d6	5.35	84	335715	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.33	67	108269	53.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.64%			
41) Toluene-d8	7.57	98	309244	48.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.85	79	49060	46.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.16%			
47) 2-Hexanone-d5	8.31	63	88783	105.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.07%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	144886	51.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	123008	54.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.44%			
Target Compounds						Qvalue
13) Acetone	2.32	43	2149	1.466	ug/L	68
51) Chlorobenzene	9.12	112	129113	22.310	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	14949	3.638	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	143753	34.341	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	205491	49.878	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	240810	79.538	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	240810	91.645	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	61761	22.941	ug/L	99

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

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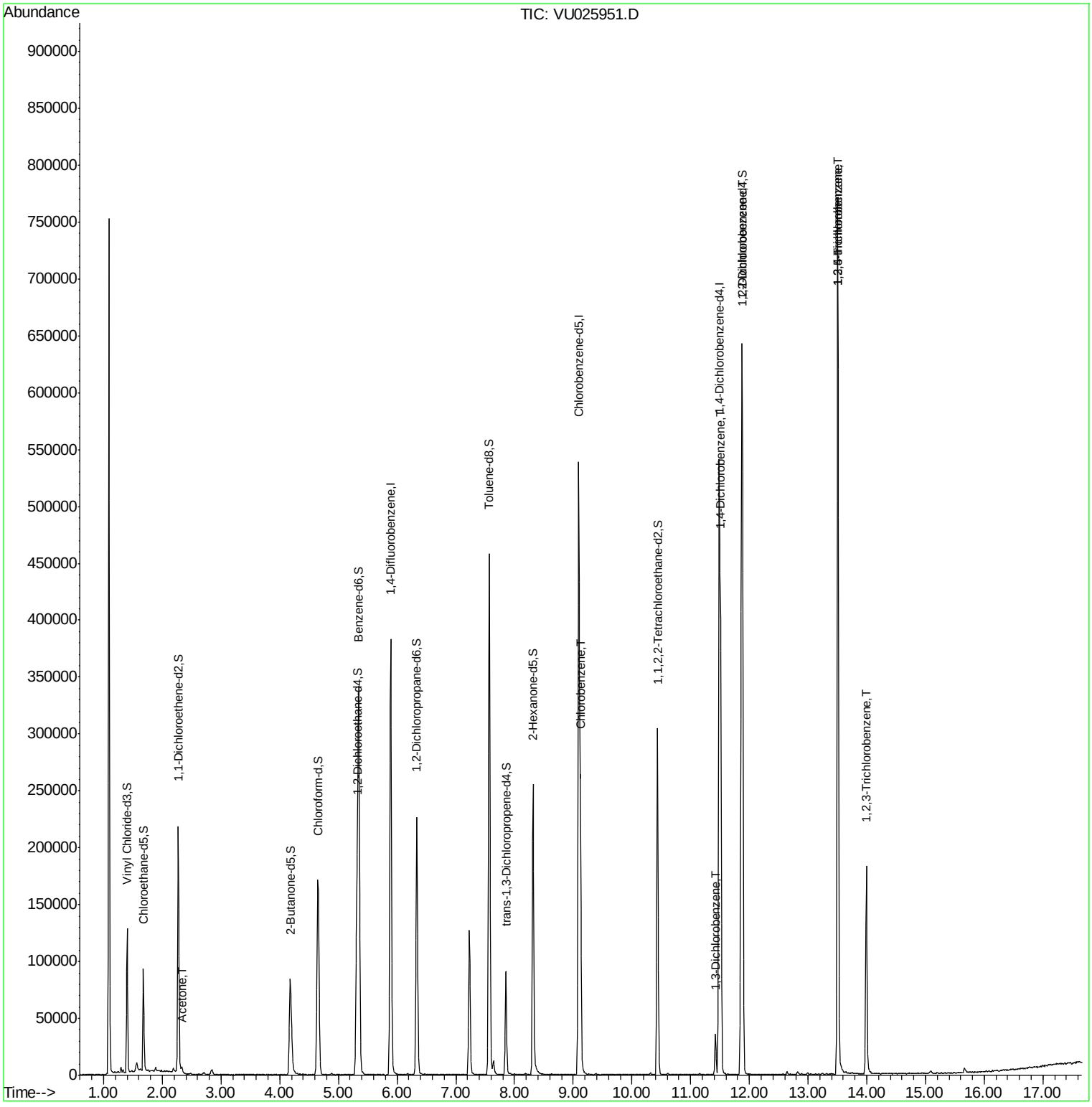
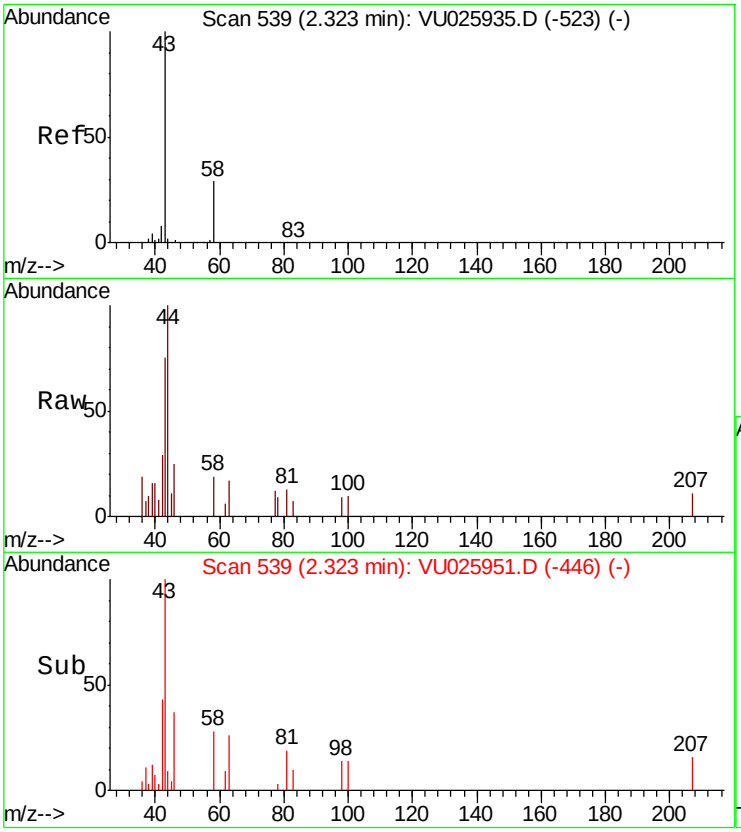


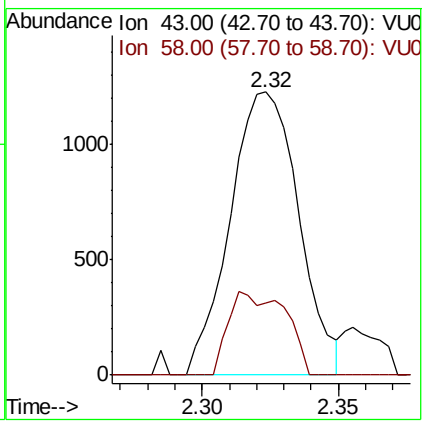


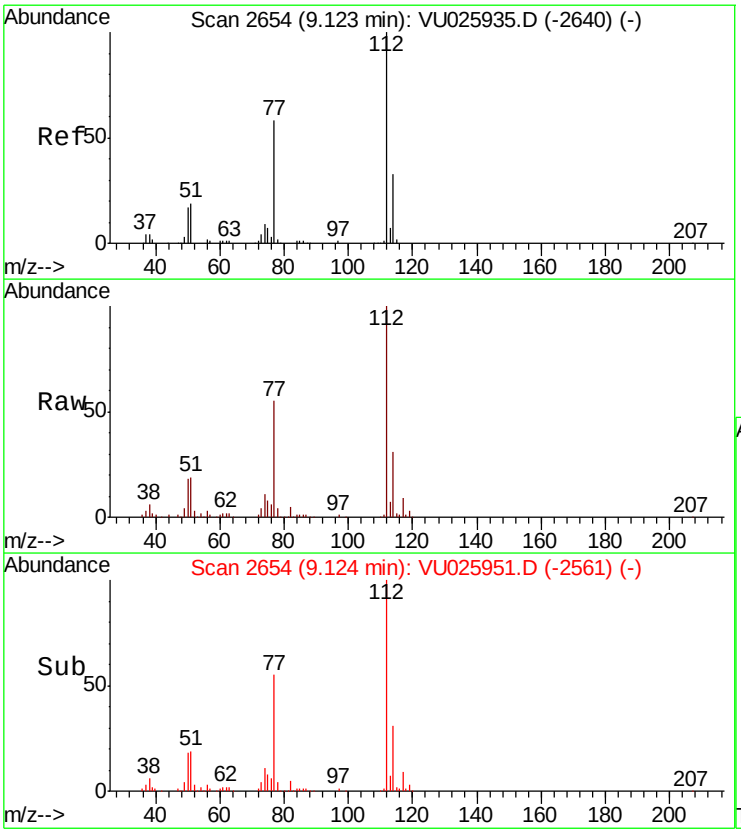
#13
Acetone
Concen: 1.466 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
A4ZA8DL

Tgt Ion: 43 Resp: 2149

Ion	Ratio	Lower	Upper
43	100		
58	12.9	0.0	61.2

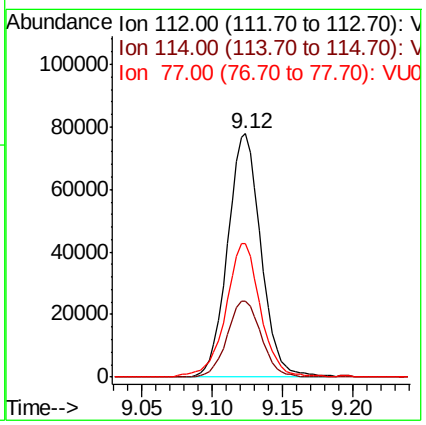


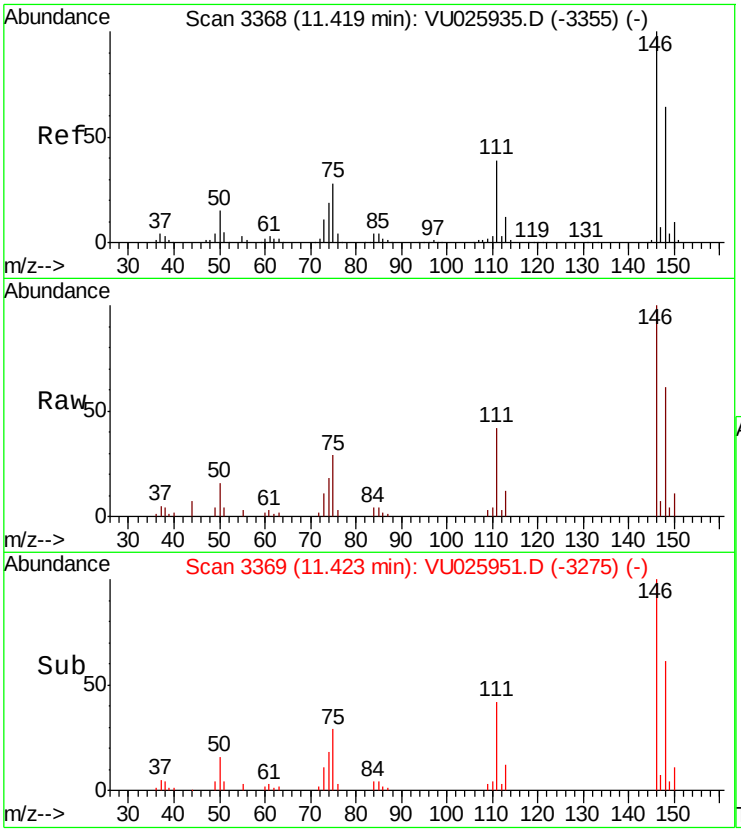


#51
Chlorobenzene
Concen: 22.310 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Tgt Ion:112 Resp: 129113

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.9
77	55.0	45.8	68.8



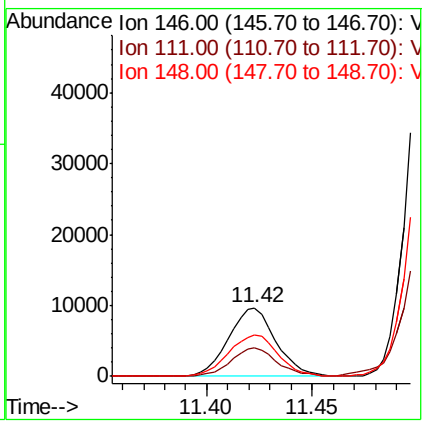


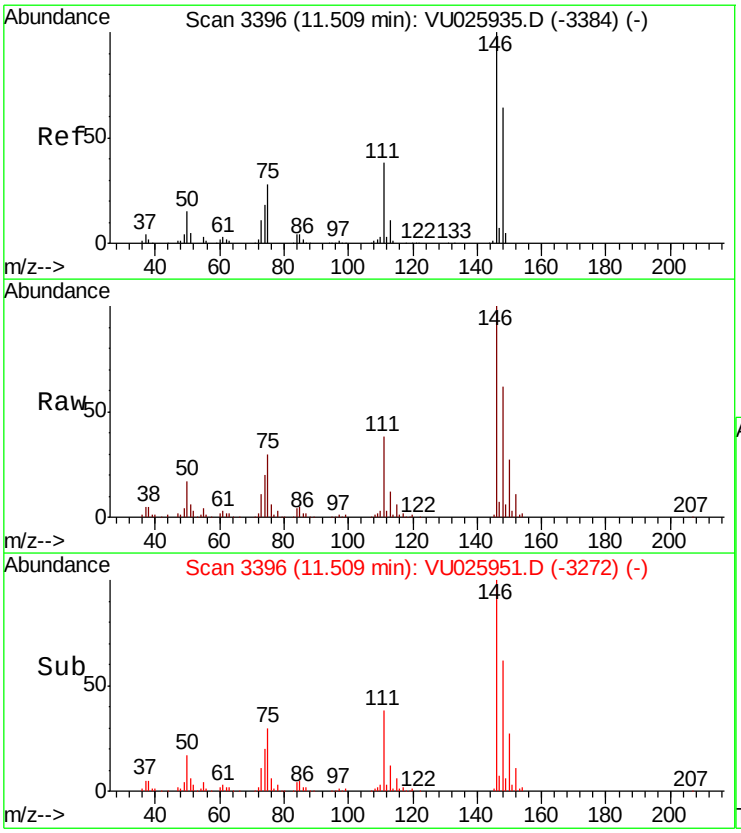
#62
1,3-Dichlorobenzene
Concen: 3.638 ug/L
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Instrument : MSVOA_U
ClientSampleId : A4ZA8DL

Tgt Ion:146 Resp: 14949

Ion	Ratio	Lower	Upper
146	100		
111	42.0	27.7	51.5
148	61.2	45.5	84.5

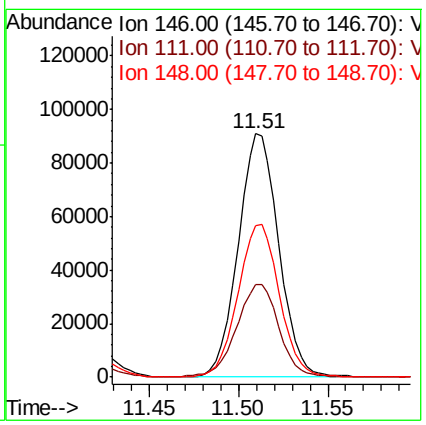


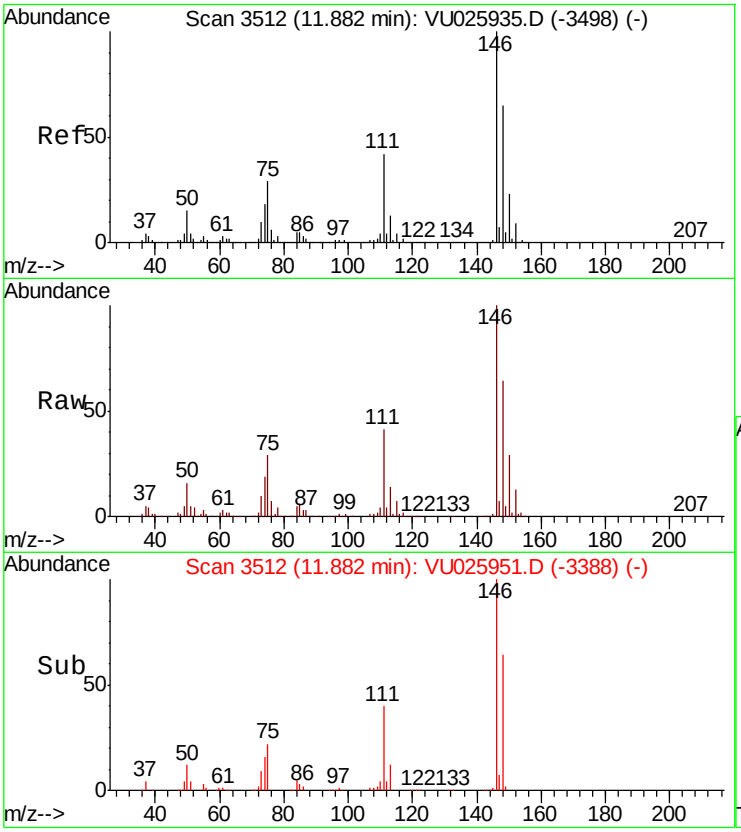


#63
1,4-Dichlorobenzene
Concen: 34.341 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Tgt Ion:146 Resp: 143753

Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.9	49.9
148	62.4	44.6	82.8



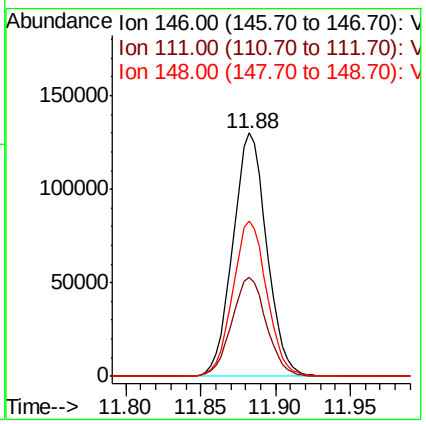


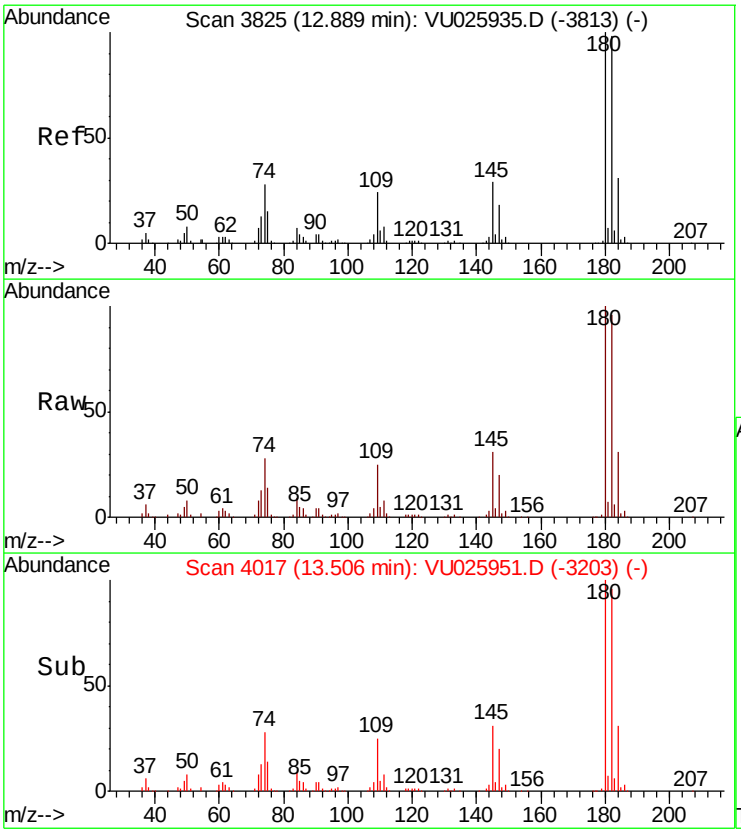
#65
1,2-Dichlorobenzene
Concen: 49.878 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
A4ZA8DL

Tgt Ion:146 Resp: 205491

Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.4	48.6
148	64.0	50.7	76.1

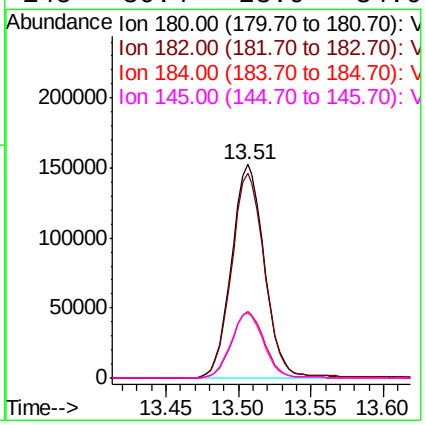


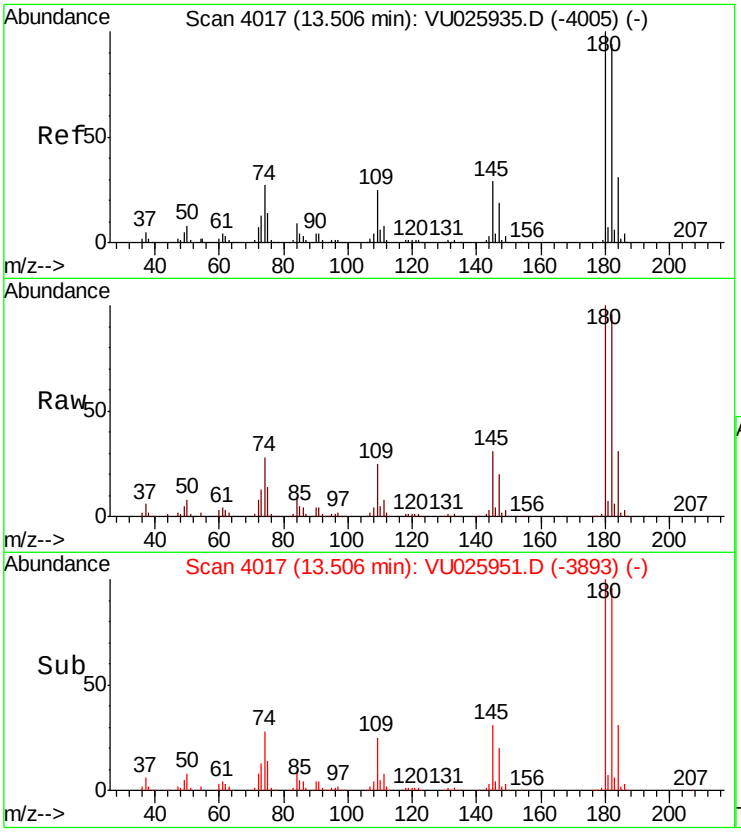


#67
1,3,5-Trichlorobenzene
Concen: 79.538 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. 0.62 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Tgt Ion:180 Resp: 240810

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.3	115.9
184	30.6	24.6	36.8
145	30.4	23.0	34.6



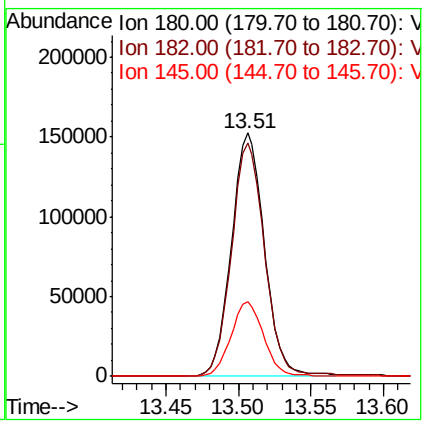


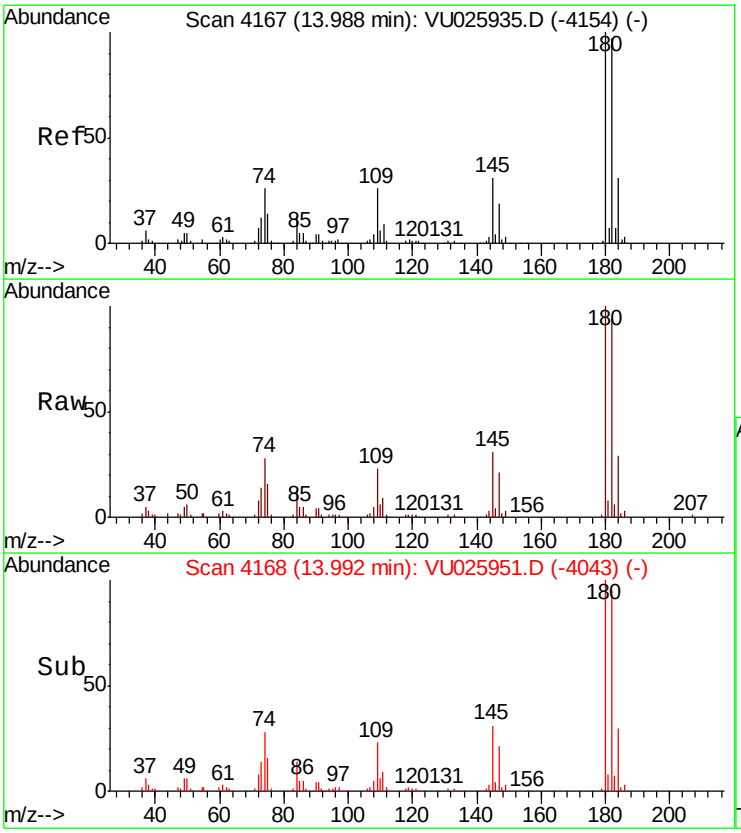
#68
1,2,4-trichlorobenzene
Concen: 91.645 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
A4ZA8DL

Tgt Ion:180 Resp: 240810

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.1	117.1
145	30.4	23.4	35.2





#70
1,2,3-Trichlorobenzene
Concen: 22.941 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025951.D
Acq: 07 Aug 2018 20:28

Tgt Ion:180 Resp: 61761

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	29.9	25.4	38.2