Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU025995.D
Acq On : 09 Aug 2018 14:46
Operator : MD/SY
Sample : J4361-10 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZB7

Quant Time: Aug 10 06:03:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144329	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	96796	44.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.18%			
7) Chloroethane-d5	1.68	69	80749	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.78%			
11) 1,1-Dichloroethene-d2	2.27	63	153128	36.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.42%			
21) 2-Butanone-d5	4.18	46	177335	96.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.92%			
24) Chloroform-d	4.65	84	219187	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.16%			
26) 1,2-Dichloroethane-d4	5.31	65	151717	48.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.48%			
32) Benzene-d6	5.34	84	427389	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.22%			
36) 1,2-Dichloropropane-d6	6.33	67	139731	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.22%			
41) Toluene-d8	7.57	98	398693	46.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.82%			
43) trans-1,3-Dichloropropene-	7.85	79	70839	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.82%			
47) 2-Hexanone-d5	8.31	63	124791	95.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.58%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	198414	47.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	175928	49.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.90%			
Target Compounds						Qvalue
13) Acetone	2.32	43	6925	6.09	ug/L	95
42) Toluene	7.64	91	33601	3.89	ug/L	95
51) Chlorobenzene	9.12	112	816678	140.04	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	107639	23.96	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	904913	192.12	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1244001	260.10	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1880817	662.30	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	451894	148.05	ug/L	99

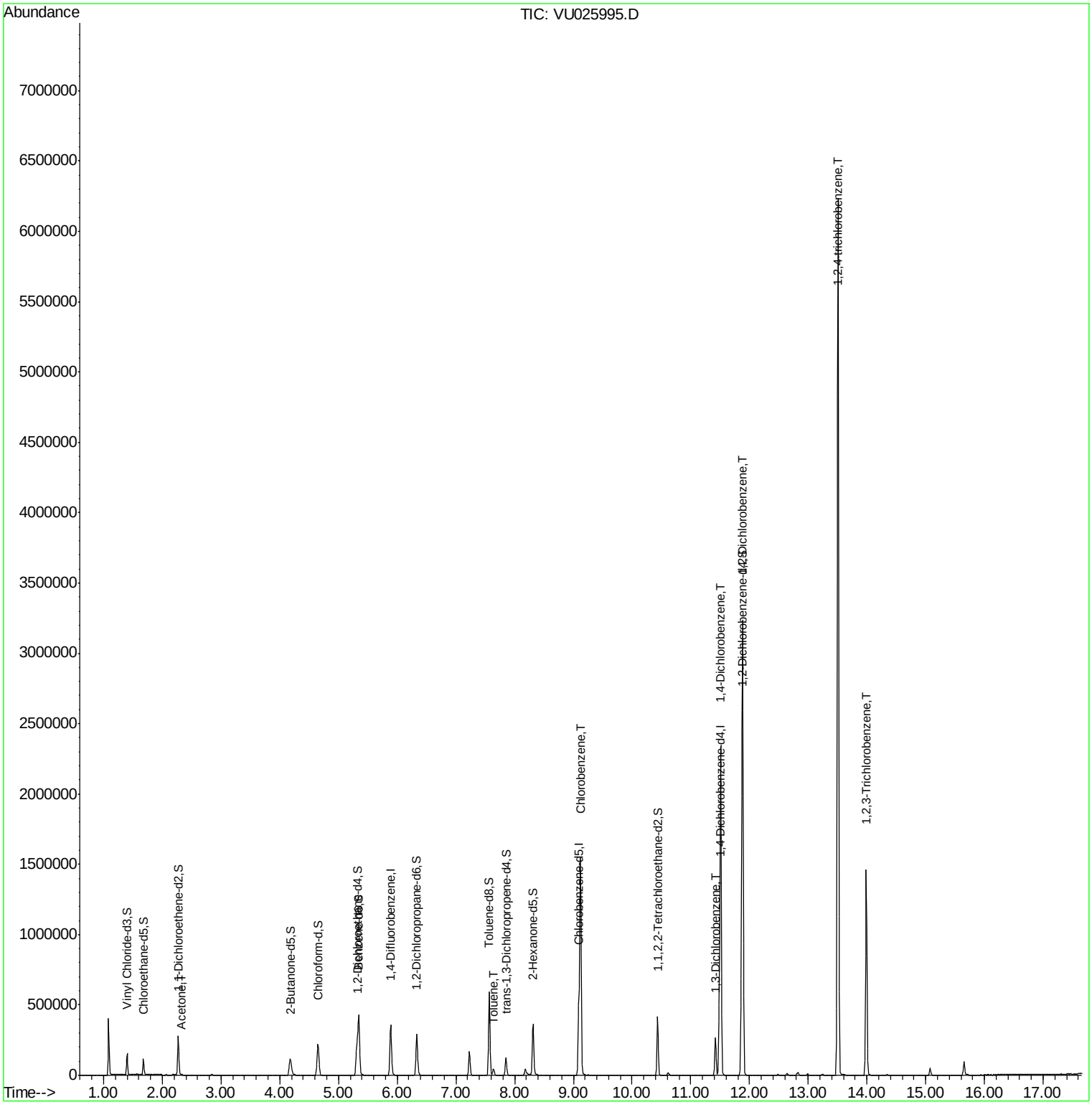
(#) = qualifier out of range (m) = manual integration (+) = signals summed

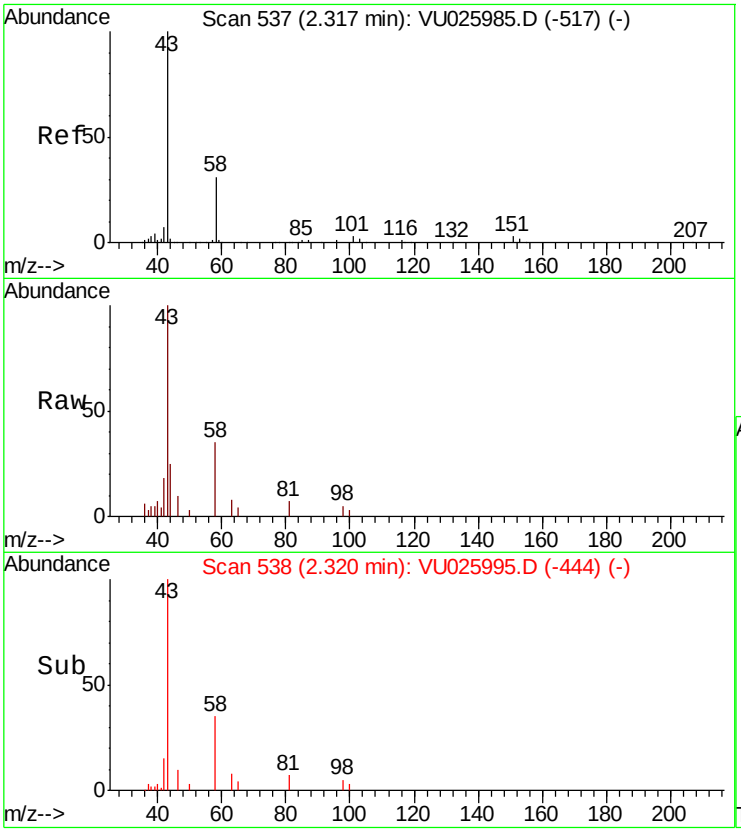
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU025995.D
Acq On : 09 Aug 2018 14:46
Operator : MD/SY
Sample : J4361-10 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZB7

Quant Time: Aug 10 06:03:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration



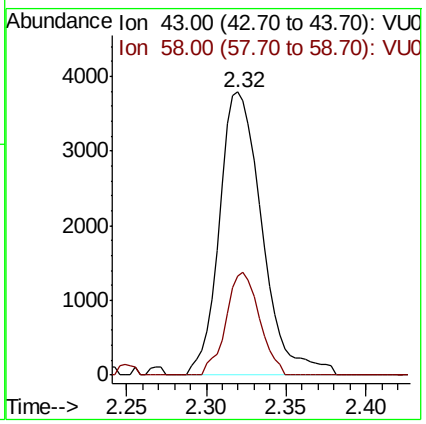


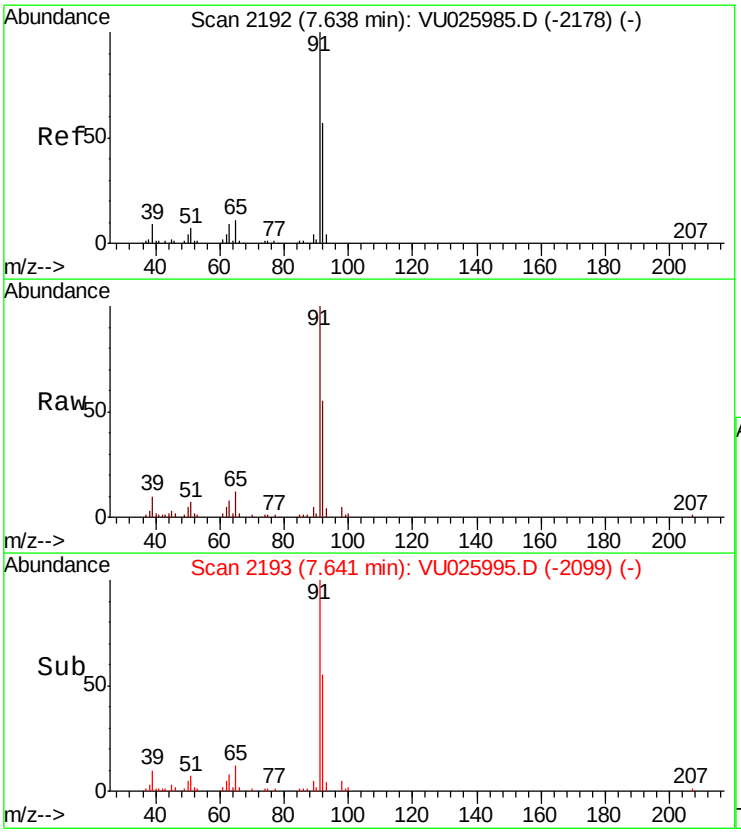
#13
Acetone
Concen: 6.09 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Instrument : MSVOA_U
ClientSampleId : A4ZB7

Tgt Ion: 43 Resp: 6925

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	61.8

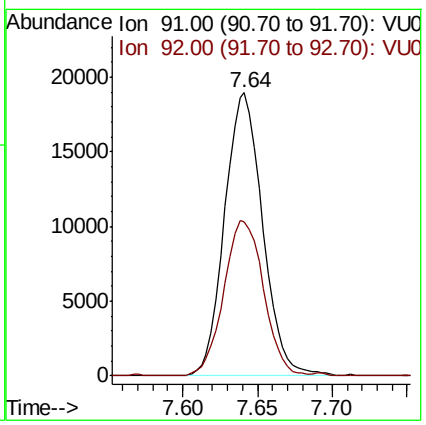


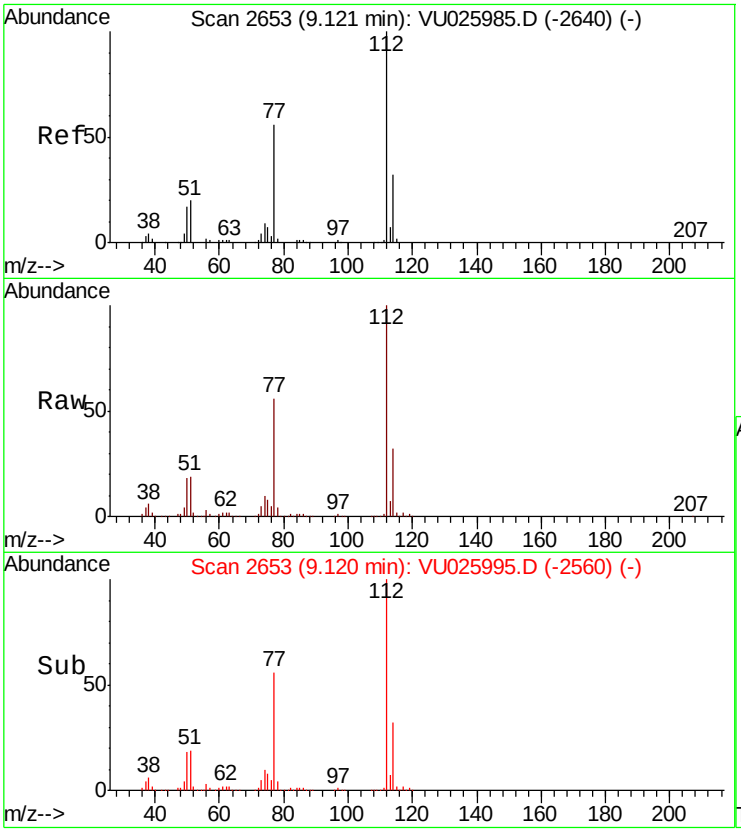


#42
Toluene
Concen: 3.89 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Tgt Ion: 91 Resp: 33601

Ion	Ratio	Lower	Upper
91	100		
92	54.5	41.0	76.2



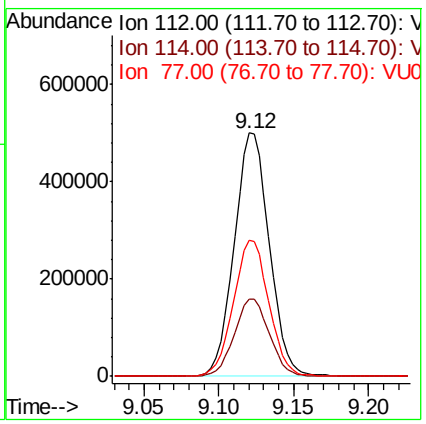


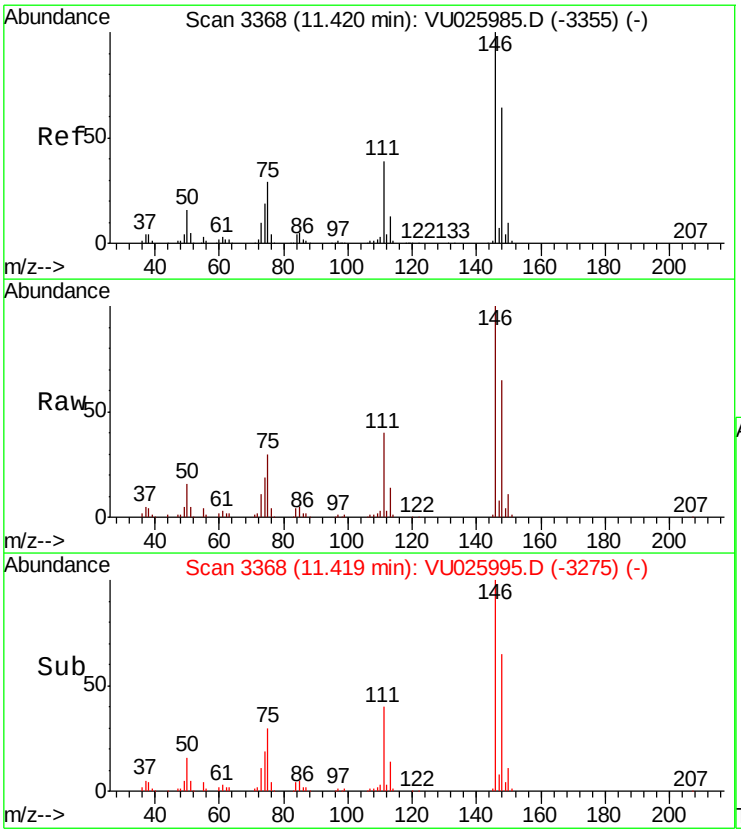
#51
Chlorobenzene
Concen: 140.04 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Instrument : MSVOA_U
ClientSampleId : A4ZB7

Tgt Ion:112 Resp: 816678

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.3
77	56.1	45.2	67.8

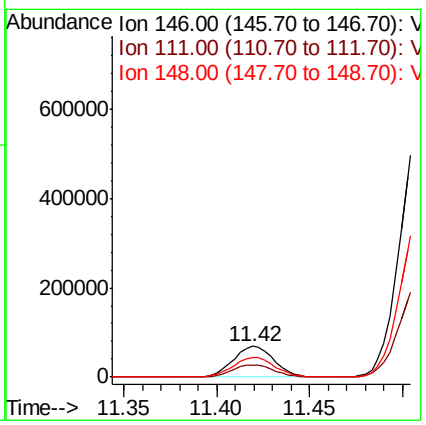


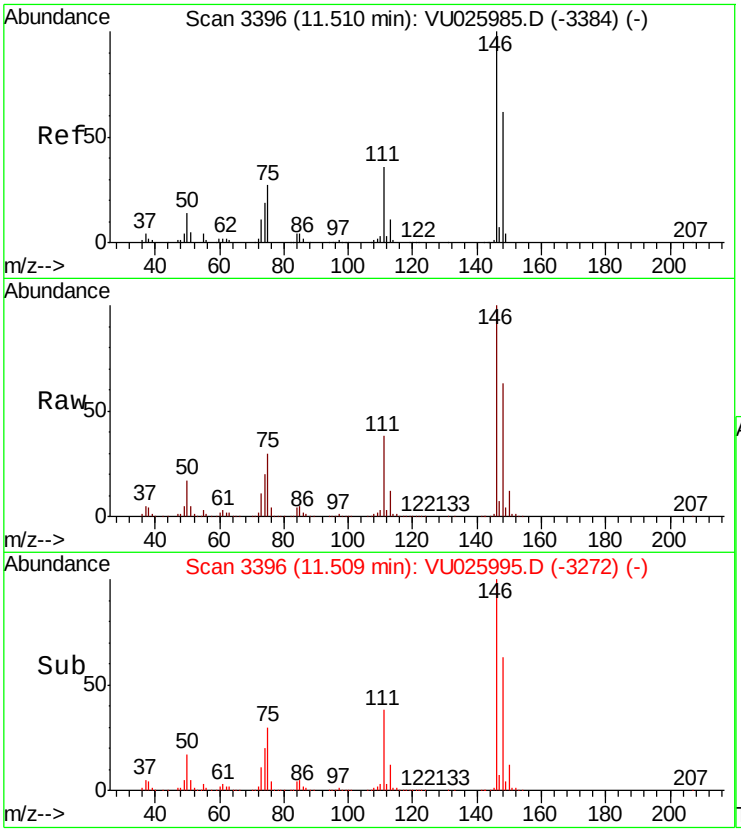


#62
1,3-Dichlorobenzene
Concen: 23.96 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Tgt Ion:146 Resp: 107639

Ion	Ratio	Lower	Upper
146	100		
111	40.2	27.9	51.9
148	64.7	46.0	85.4



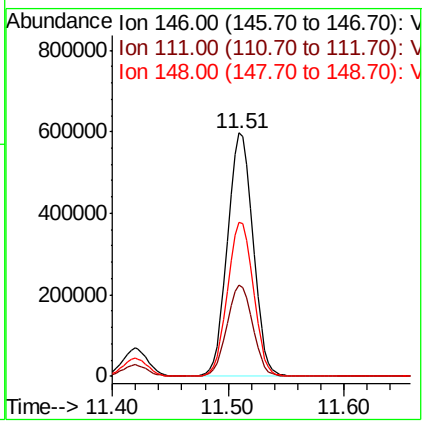


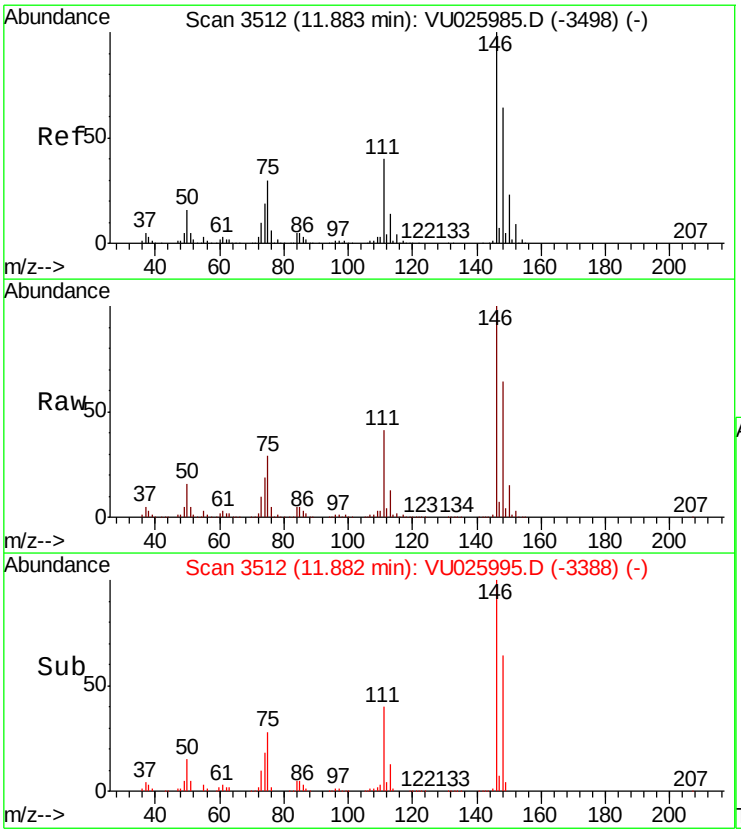
#63
1,4-Dichlorobenzene
Concen: 192.12 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Instrument : MSVOA_U
ClientSampleId : A4ZB7

Tgt Ion:146 Resp: 904913

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.4	49.0
148	63.5	43.8	81.4

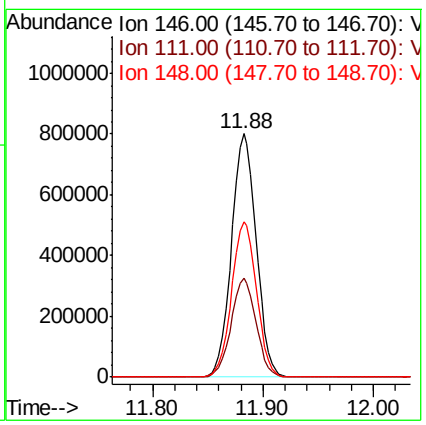


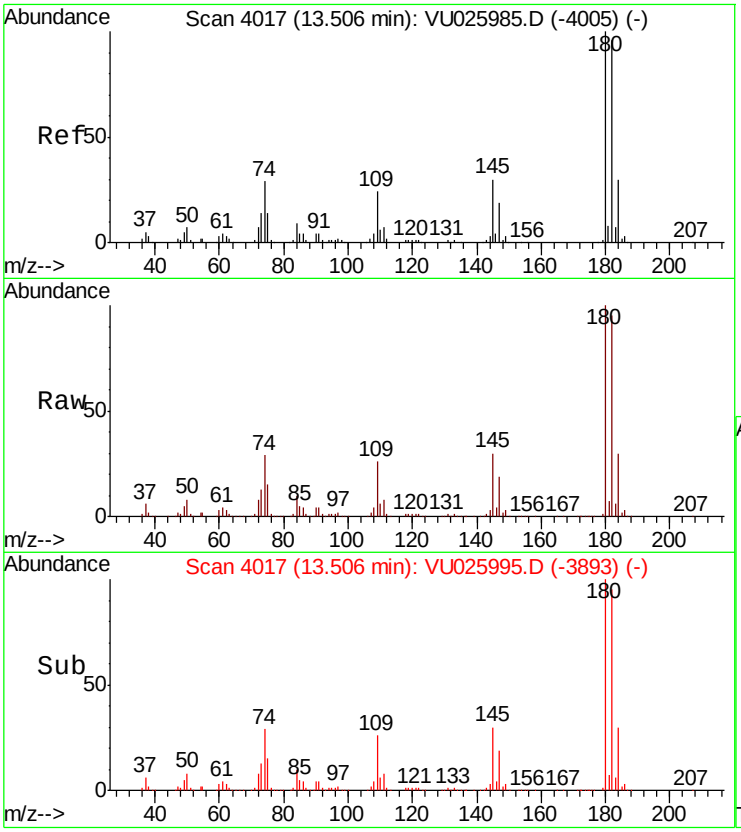


#65
1,2-Dichlorobenzene
Concen: 260.10 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Tgt Ion:146 Resp: 1244001

Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	64.0	50.1	75.1



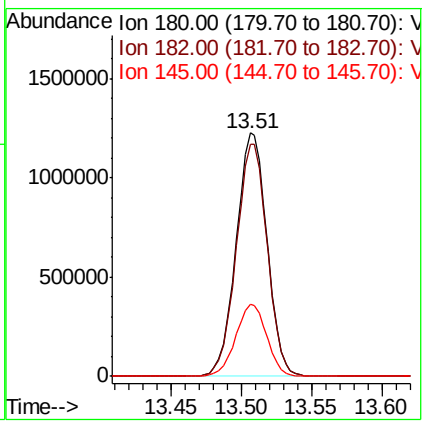


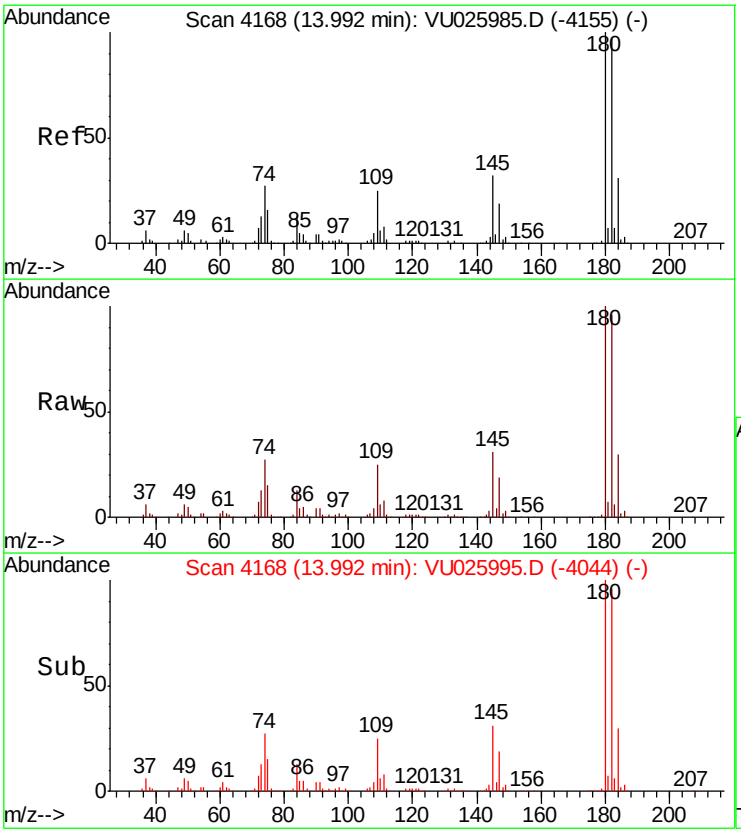
#68
1,2,4-trichlorobenzene
Concen: 662.30 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Instrument :
MSVOA_U
ClientSampleId :
A4ZB7

Tgt Ion:180 Resp: 1880817

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.5	114.7
145	29.7	24.2	36.4





#70
1,2,3-Trichlorobenzene
Concen: 148.05 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Tgt Ion:180 Resp: 451894

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.5	114.7
145	31.3	24.7	37.1