Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081018\
Data File : VU026042.D
Acq On : 10 Aug 2018 14:42
Operator : MD/SY
Sample : J4401-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZF3

Quant Time: Aug 11 01:53:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	283164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122773	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70474	34.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.10%			
7) Chloroethane-d5	1.68	69	68206	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.12%			
11) 1,1-Dichloroethene-d2	2.27	63	113302	28.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.62%#			
21) 2-Butanone-d5	4.18	46	174801	101.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.33%			
24) Chloroform-d	4.65	84	200056	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.16%			
26) 1,2-Dichloroethane-d4	5.31	65	140553	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.82%			
32) Benzene-d6	5.35	84	373899	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
36) 1,2-Dichloropropane-d6	6.33	67	129905	48.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.12%			
41) Toluene-d8	7.57	98	337641	42.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.50%			
43) trans-1,3-Dichloropropene-	7.85	79	60863	44.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.38%			
47) 2-Hexanone-d5	8.31	63	124108	101.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.09%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192892	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	148394	49.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.06%			
Target Compounds						Qvalue
13) Acetone	2.32	43	81558	76.11	ug/L	100
22) 2-Butanone	4.27	43	45146	29.12	ug/L	97
42) Toluene	7.64	91	90229	11.09	ug/L	100
51) Chlorobenzene	9.12	112	216415	39.46	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	8310	2.17	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	65708	16.40	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	86671	21.30	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	61903	25.63	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	25352	9.76	ug/L	96

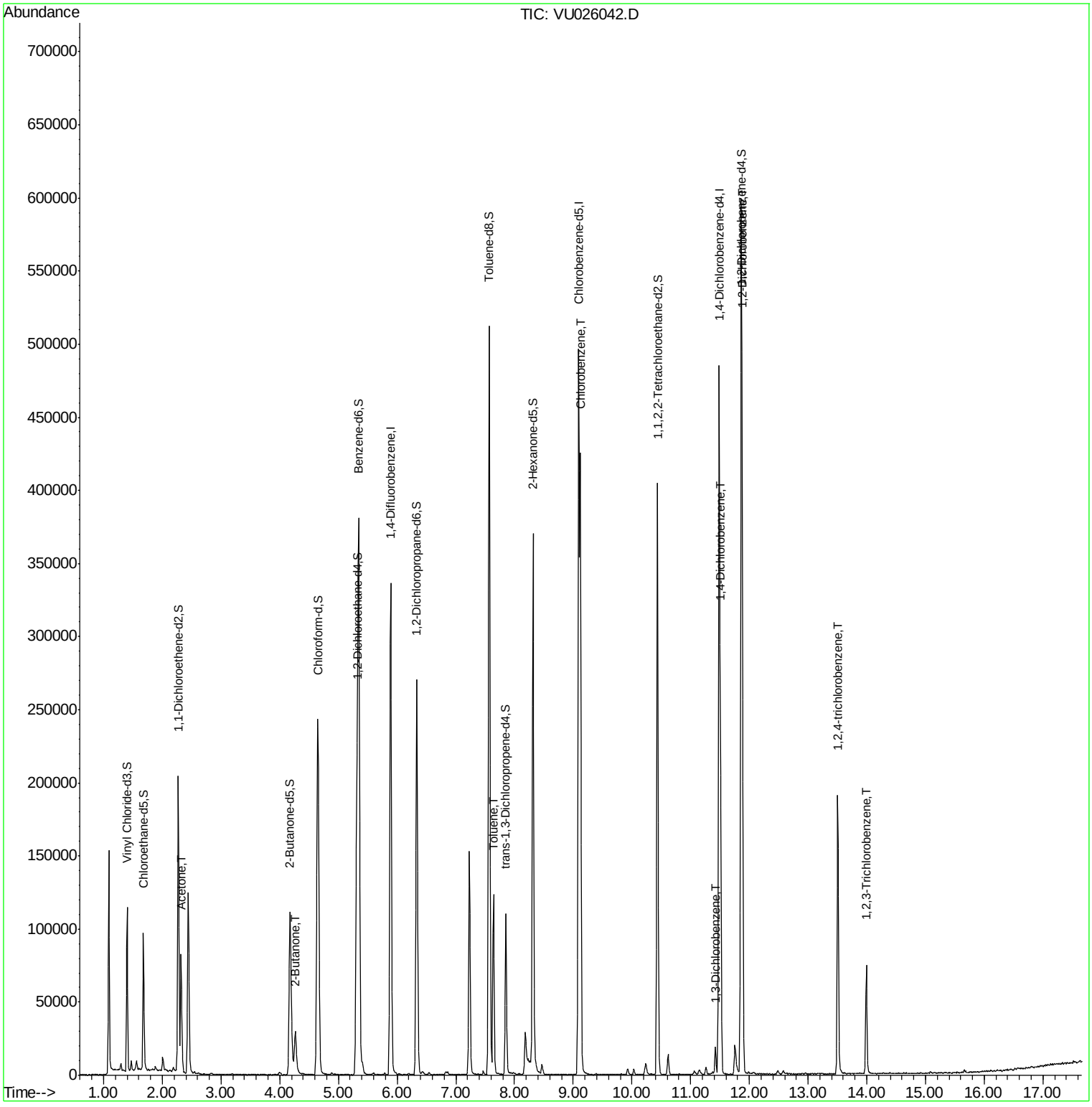
(#) = qualifier out of range (m) = manual integration (+) = signals summed

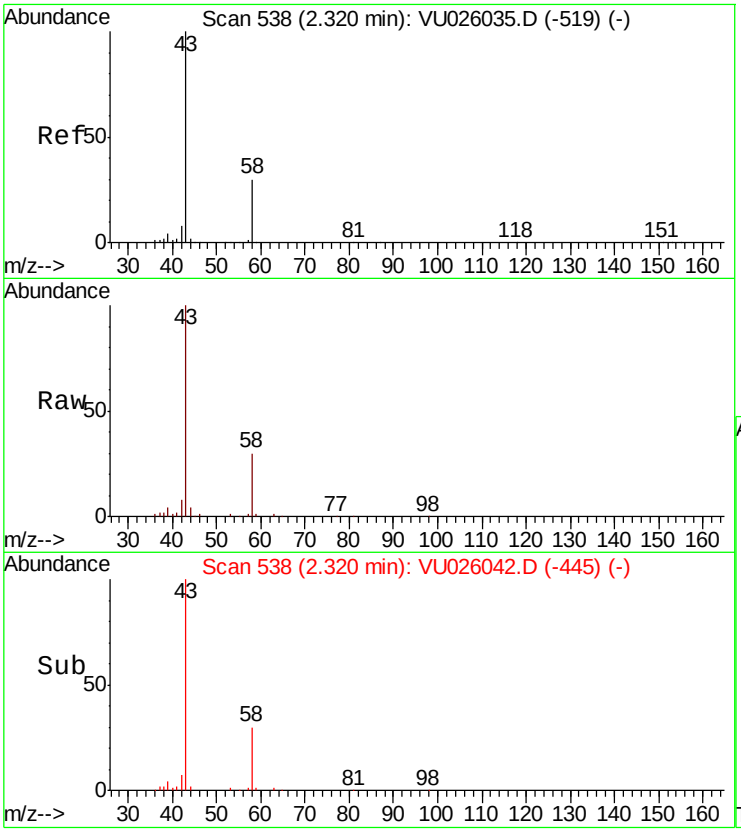
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081018\
Data File : VU026042.D
Acq On : 10 Aug 2018 14:42
Operator : MD/SY
Sample : J4401-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

Quant Time: Aug 11 01:53:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration



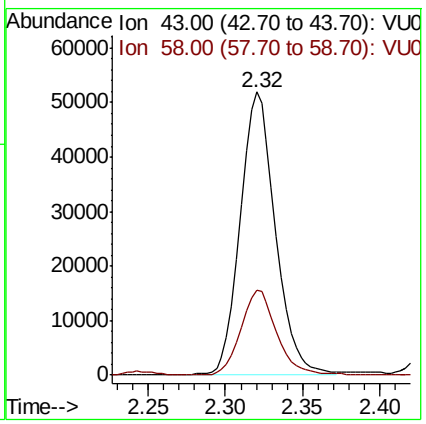


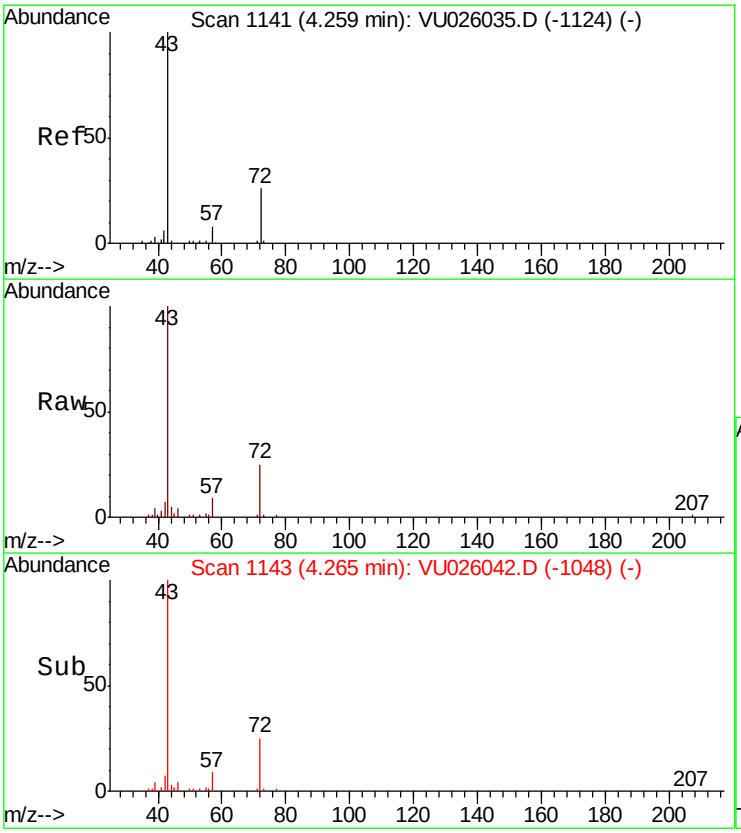
#13
Acetone
Concen: 76.11 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Instrument : MSVOA_U
ClientSampleId : A4ZF3

Tgt Ion: 43 Resp: 81558

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	61.8

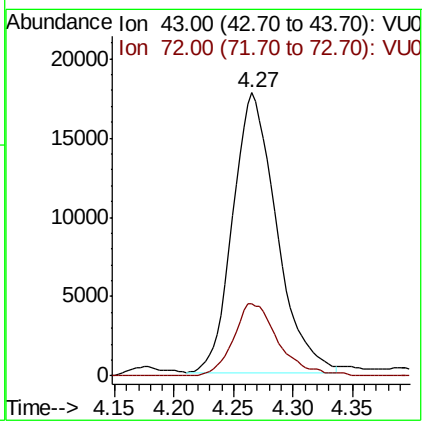


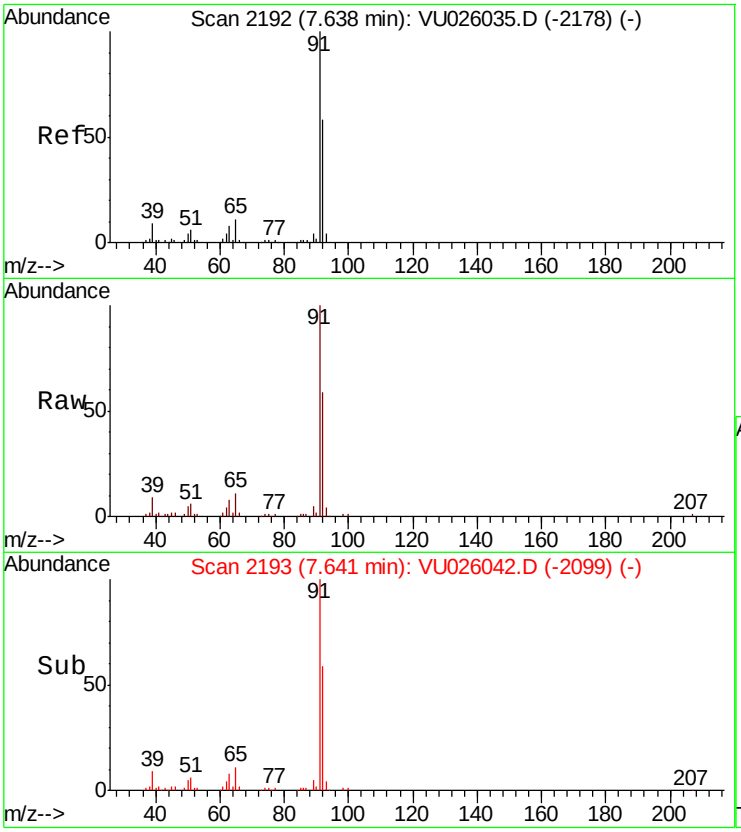


#22
2-Butanone
Concen: 29.12 ug/L
RT: 4.27 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Tgt Ion: 43 Resp: 45146

Ion	Ratio	Lower	Upper
43	100		
72	25.4	13.5	40.5



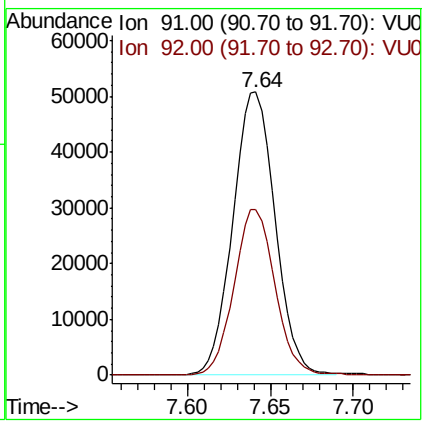


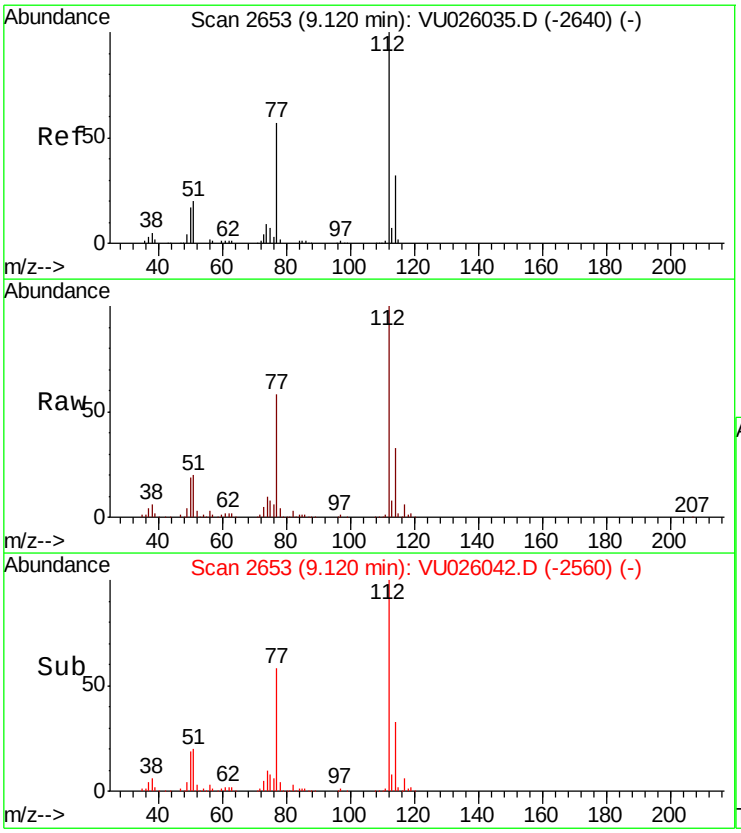
#42
Toluene
Concen: 11.09 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Instrument : MSVOA_U
ClientSampleId : A4ZF3

Tgt Ion: 91 Resp: 90229

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.0	76.2

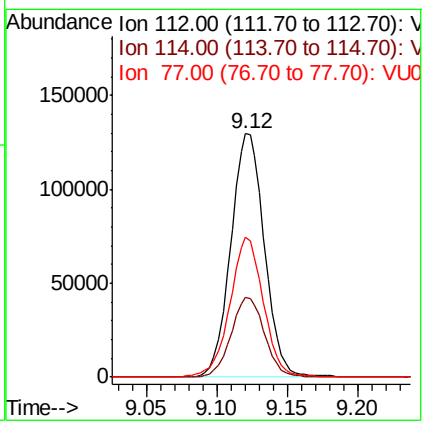


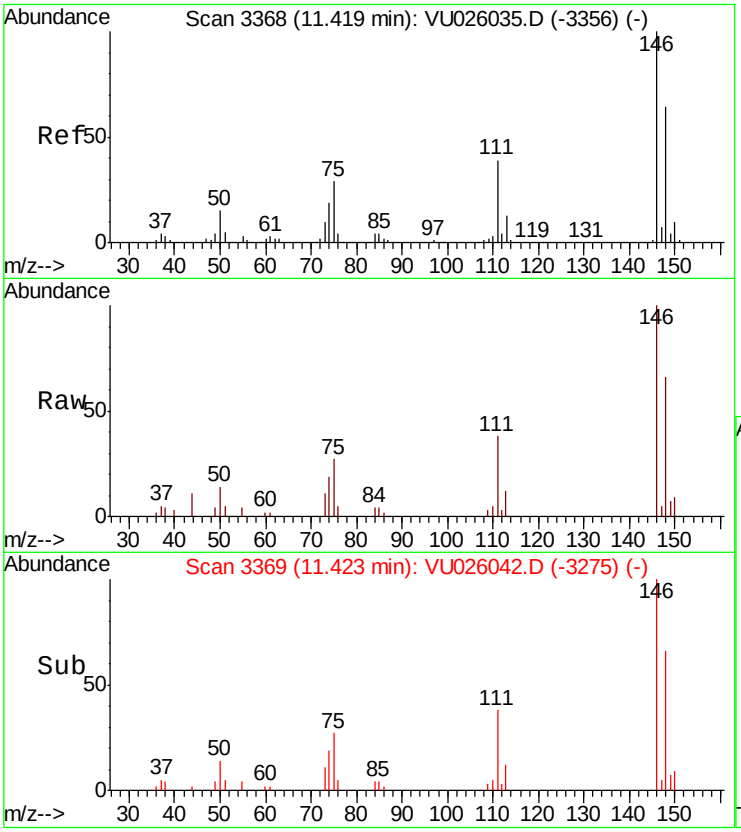


#51
Chlorobenzene
Concen: 39.46 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Tgt Ion:112 Resp: 216415

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	57.7	45.2	67.8



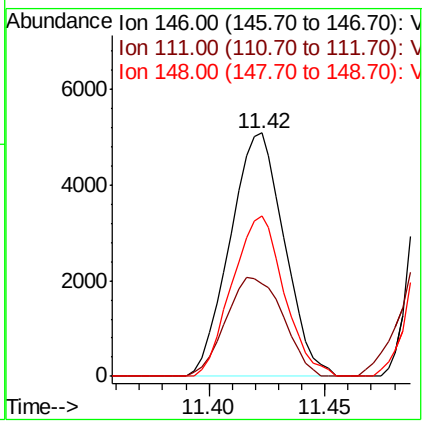


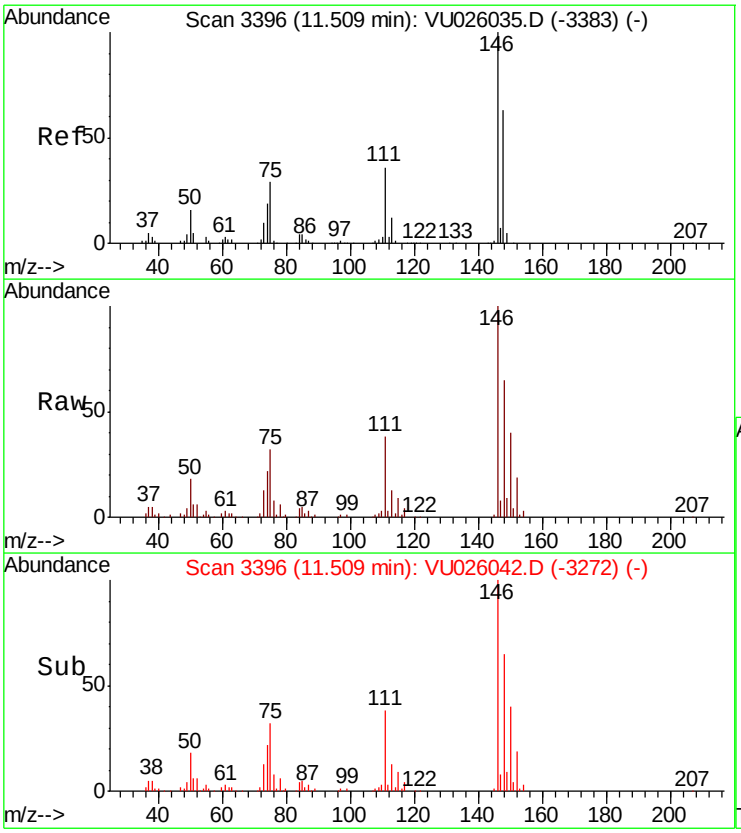
#62
1,3-Dichlorobenzene
Concen: 2.17 ug/L
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Instrument : MSVOA_U
ClientSampleId : A4ZF3

Tgt Ion:146 Resp: 8310

Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.9	51.9
148	66.0	46.0	85.4

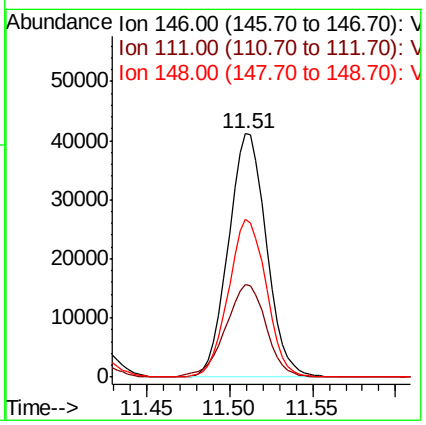


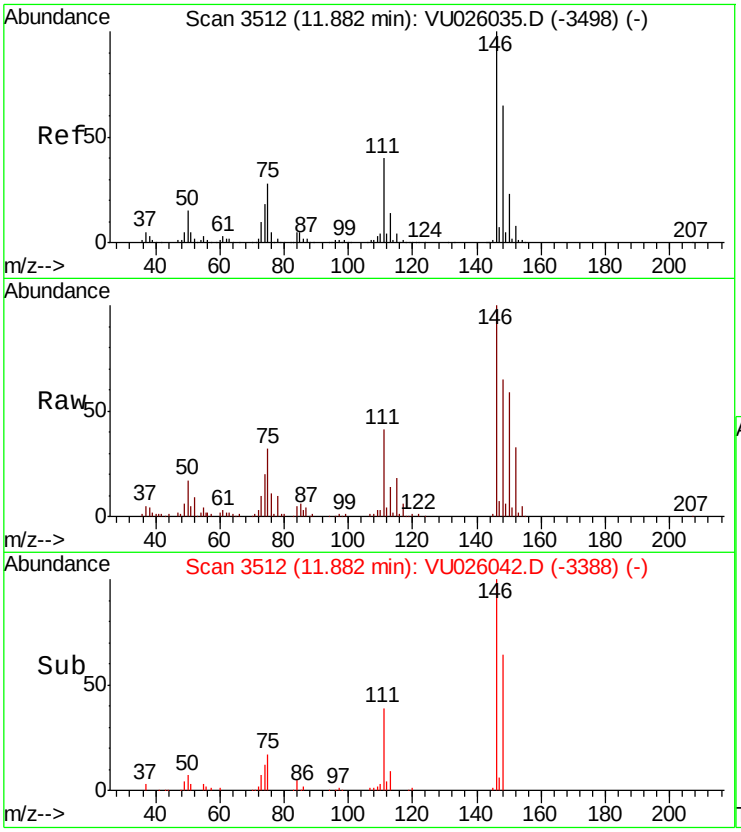


#63
1,4-Dichlorobenzene
Concen: 16.40 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Tgt Ion:146 Resp: 65708

Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.4	49.0
148	65.0	43.8	81.4



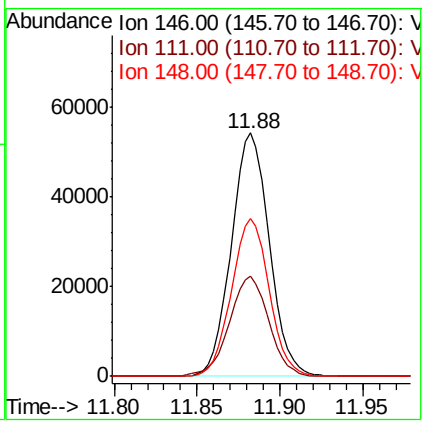


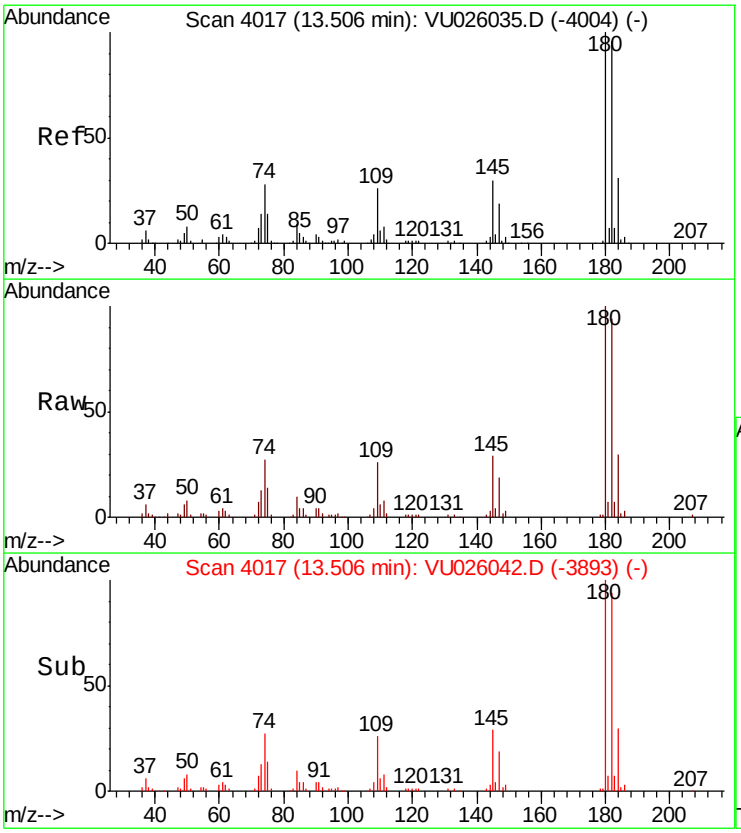
#65
1,2-Dichlorobenzene
Concen: 21.30 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

Tgt Ion:146 Resp: 86671

Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.4	48.6
148	64.8	50.1	75.1

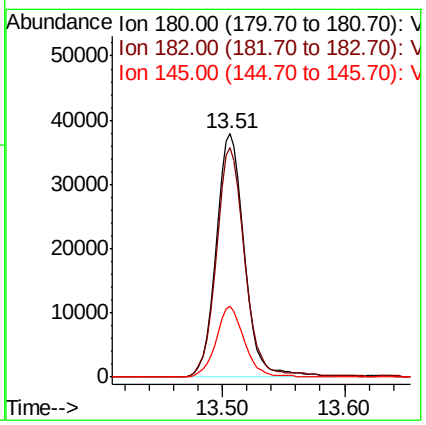


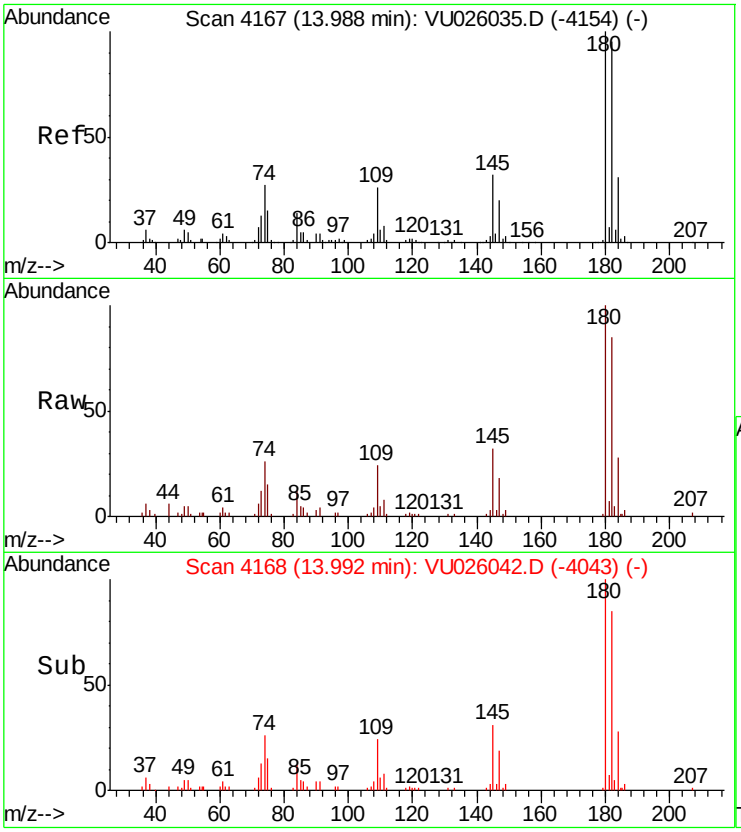


#68
1,2,4-trichlorobenzene
Concen: 25.63 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Tgt Ion:180 Resp: 61903

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.5	114.7
145	28.6	24.2	36.4





#70
1,2,3-Trichlorobenzene
Concen: 9.76 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU026042.D
Acq: 10 Aug 2018 14:42

Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

Tgt Ion:180 Resp: 25352

Ion	Ratio	Lower	Upper
180	100		
182	90.9	76.5	114.7
145	30.1	24.7	37.1