Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
Data File : VV008966.D
Acq On : 15 Dec 2018 05:51
Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

Quant Time: Dec 22 05:59:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81664	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46888	38.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.98%			
7) Chloroethane-d5	1.56	69	37188	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.26%			
11) 1,1-Dichloroethene-d2	2.13	63	97163	34.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.42%			
21) 2-Butanone-d5	3.93	46	89668	111.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.67%			
24) Chloroform-d	4.41	84	117393	45.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.50%			
26) 1,2-Dichloroethane-d4	5.08	65	79101	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.78%			
32) Benzene-d6	5.10	84	240905	47.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	74234	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.42%			
41) Toluene-d8	7.36	98	224038	47.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.12%			
43) trans-1,3-Dichloropropene-	7.67	79	34245	44.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.62%			
47) 2-Hexanone-d5	8.14	63	54196	96.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.09%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86768	44.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	85342	50.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.34%			
Target Compounds						Qvalue
13) Acetone	2.19	43	14664	12.145	ug/L	98
51) Chlorobenzene	8.93	112	12297	3.247	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	4503	1.708	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	48368	18.196	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	3070	2.653	ug/L	95
70) 1,2,3-Trichlorobenzene	13.80	180	2496	2.142	ug/L	93

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

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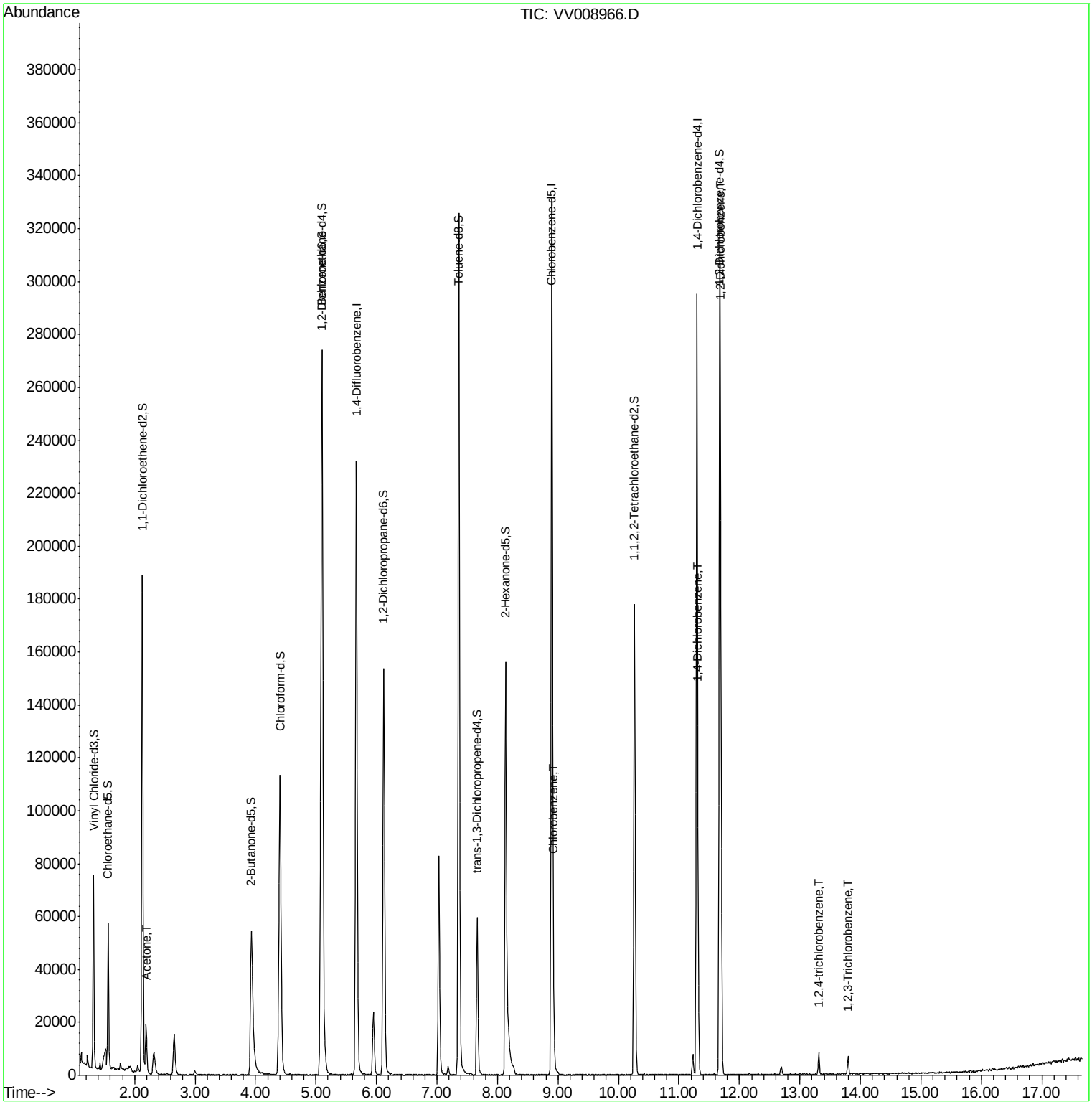
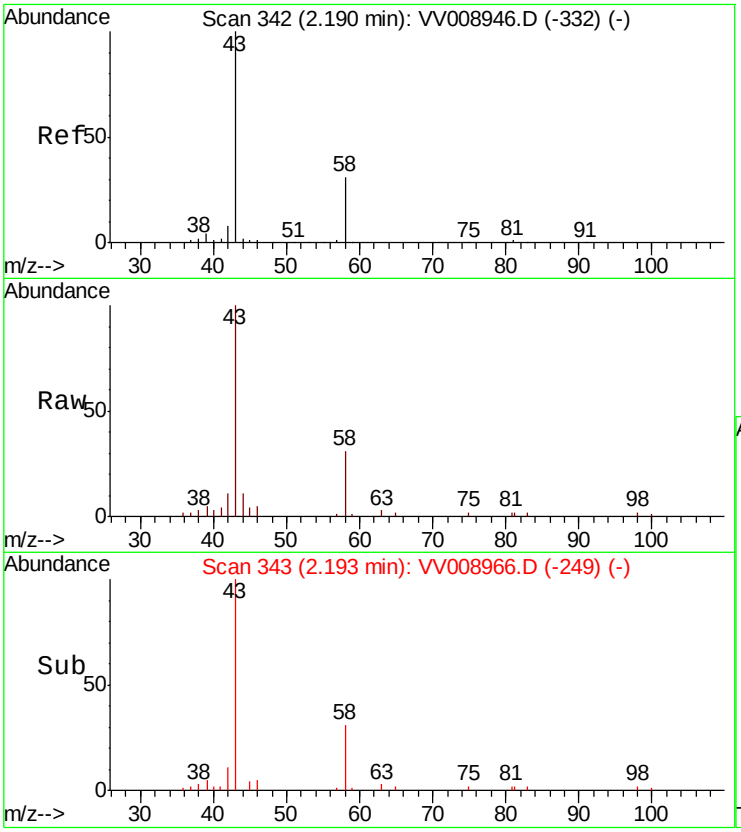


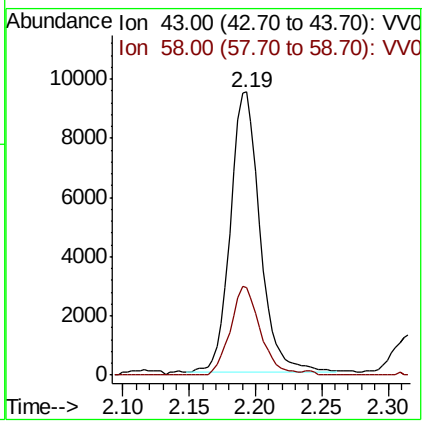


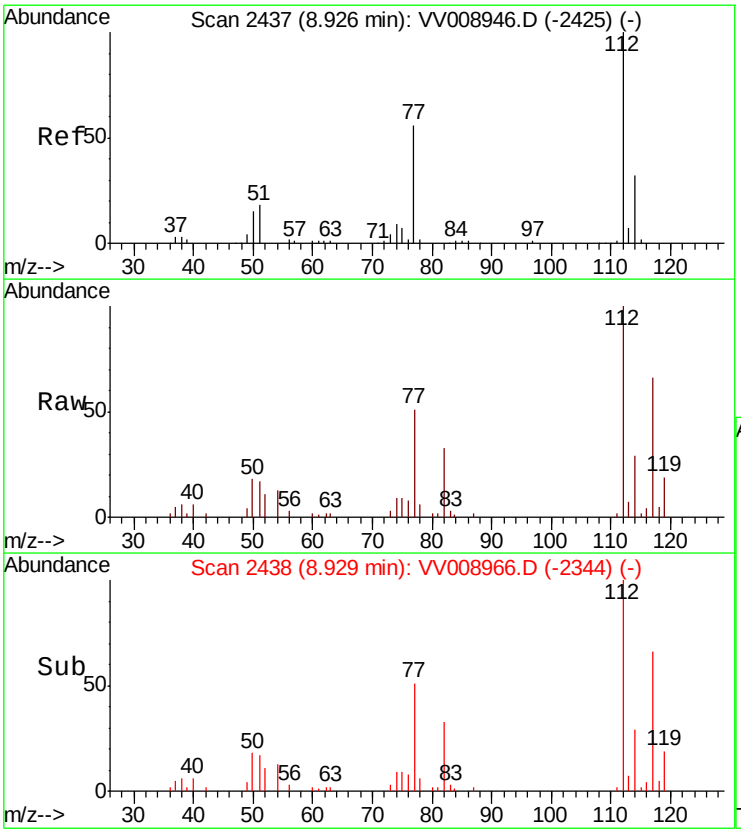
#13
Acetone
Concen: 12.145 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument :
MSVOA_V
ClientSampleId :
C0938

Tgt Ion: 43 Resp: 14664

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	61.8

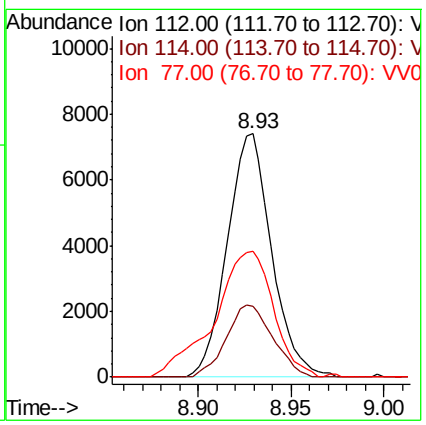


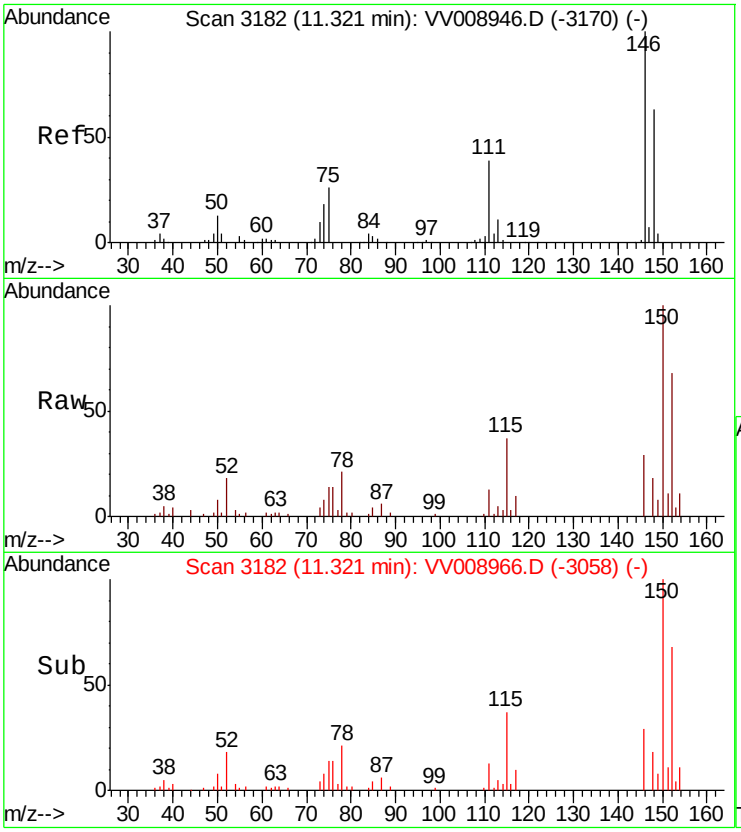


#51
Chlorobenzene
Concen: 3.247 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:112 Resp: 12297

Ion	Ratio	Lower	Upper
112	100		
114	28.9	22.3	41.5
77	51.4	45.2	67.8



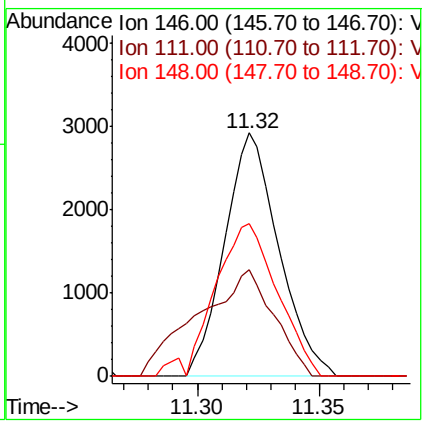


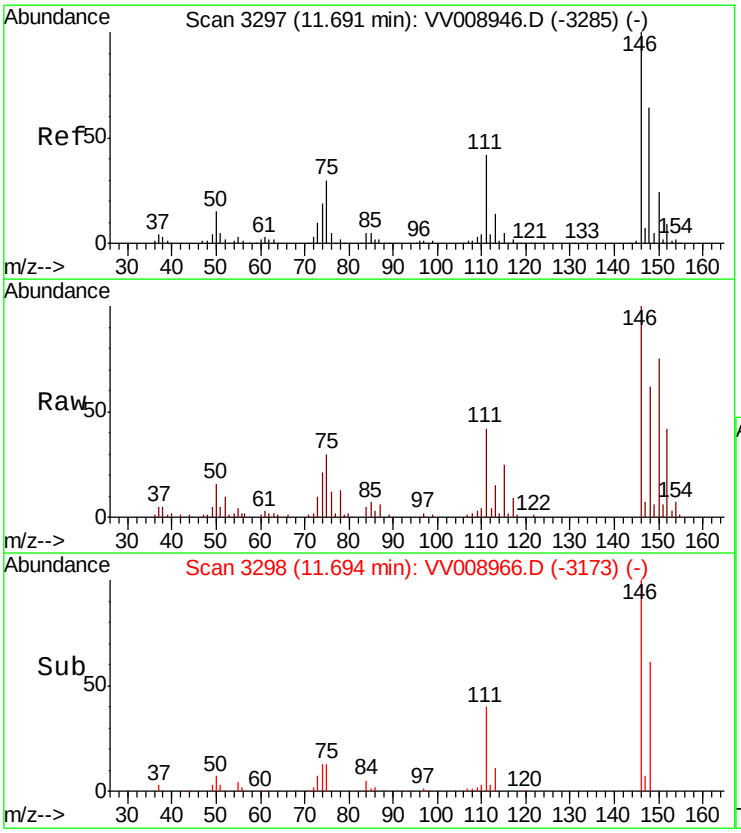
#63
1,4-Dichlorobenzene
Concen: 1.708 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:146 Resp: 4503

Ion	Ratio	Lower	Upper
146	100		
111	43.7	27.9	51.9
148	62.6	45.2	84.0

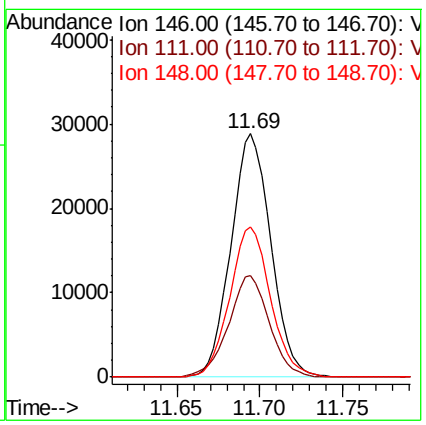


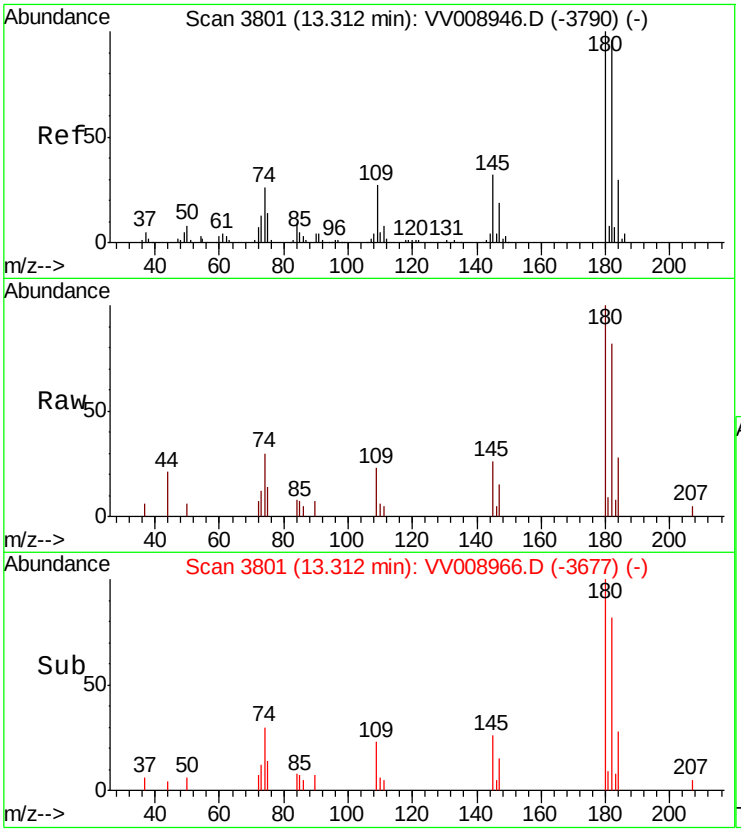


#65
1,2-Dichlorobenzene
Concen: 18.196 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:146 Resp: 48368

Ion	Ratio	Lower	Upper
146	100		
111	41.6	32.8	49.2
148	61.9	50.5	75.7



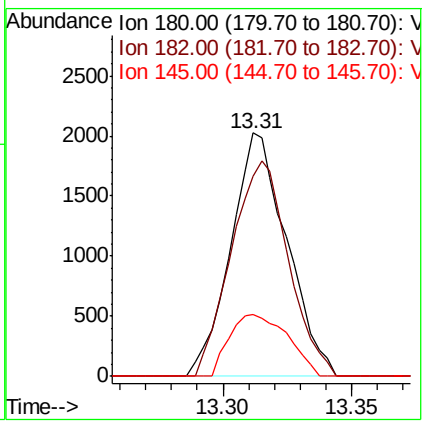


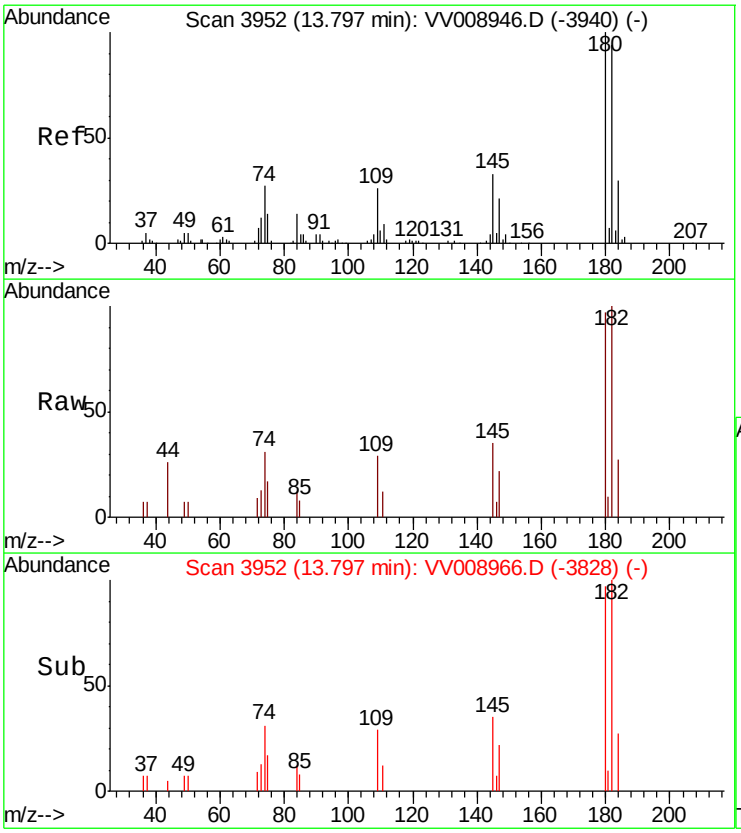
#68
1,2,4-trichlorobenzene
Concen: 2.653 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument :
MSVOA_V
ClientSampleId :
C0938

Tgt Ion:180 Resp: 3070

Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.7	113.5
145	26.4	25.0	37.4





#70
1,2,3-Trichlorobenzene
Concen: 2.142 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:180 Resp: 2496

Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.6	115.0
145	30.1	26.1	39.1