Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
Data File : VV013301.D
Acq On : 23 Oct 2019 14:58
Operator : SY/MD
Sample : K5395-04
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0042

Manual Integrations APPROVED
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10/24/2019 10:45:27 AM

Quant Time: Oct 24 03:59:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1238664	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1158214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	508891	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	372308	45.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.68%			
7) Chloroethane-d5	1.58	69	300236	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.74%			
11) 1,1-Dichloroethene-d2	2.12	63	450569	37.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.00%			
21) 2-Butanone-d5	3.97	46	550892	100.13	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.13%			
24) Chloroform-d	4.40	84	800015	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.42%			
26) 1,2-Dichloroethane-d4	5.08	65	506190	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%			
32) Benzene-d6	5.10	84	1709896	47.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.90%			
36) 1,2-Dichloropropane-d6	6.11	67	526094	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.28%			
41) Toluene-d8	7.36	98	1512345	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
43) trans-1,3-Dichloropropene-	7.66	79	227687	46.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.46%			
47) 2-Hexanone-d5	8.13	63	318627	95.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	684380	46.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.78%			
64) 1,2-Dichlorobenzene-d4	11.67	152	597441	51.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.32%			
Target Compounds						Qvalue
13) Acetone	2.24	43	10580m	2.602	ug/L	
53) m,p-Xylene	9.18	106	8094	0.547	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	12077	0.708	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	12418	1.196	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	32909	2.958	ug/L	99

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

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Instrument :
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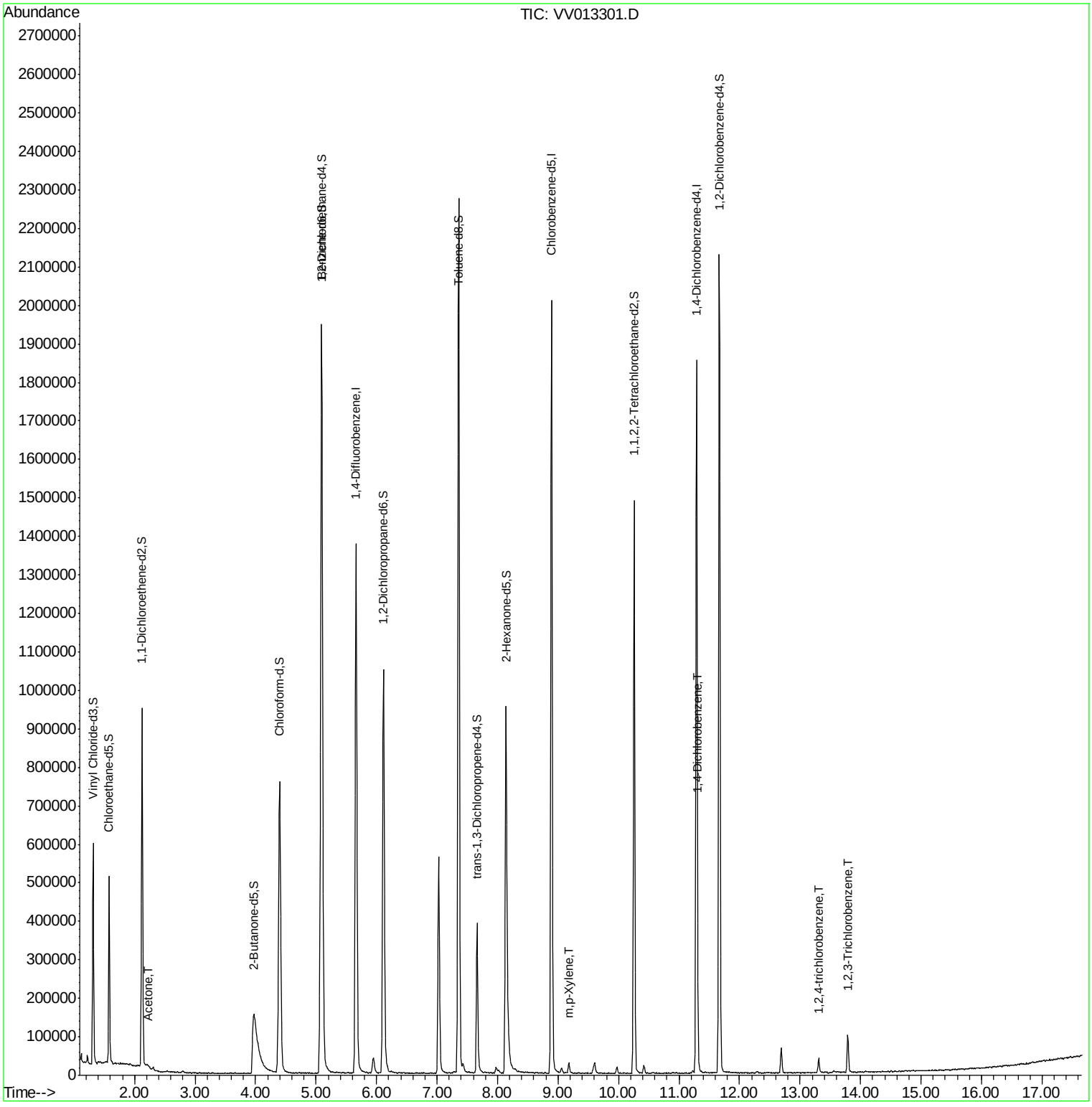
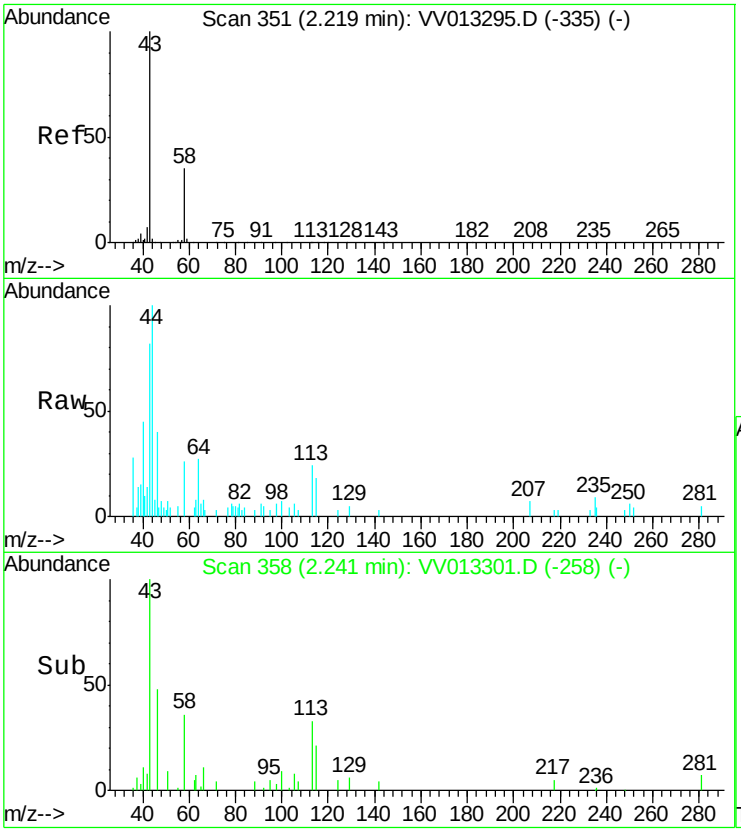
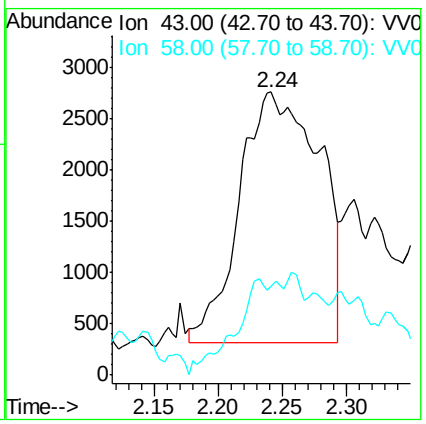




#13
Acetone
Concen: 2.602 ug/L m
RT: 2.24 min Scan# 358
Delta R.T. 0.02 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion: 43 Resp: 10580

Ion	Ratio	Lower	Upper
43	100		
58	5.3	0.0	64.0



Instrument :
MSVOA_V
ClientSampleId :
C0042

Manual Integrations APPROVED
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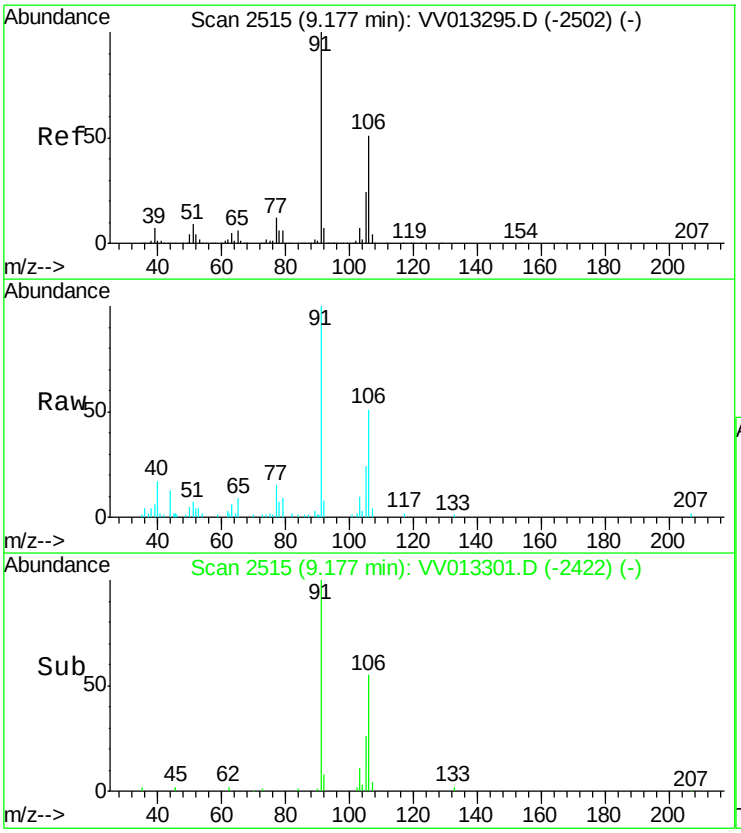
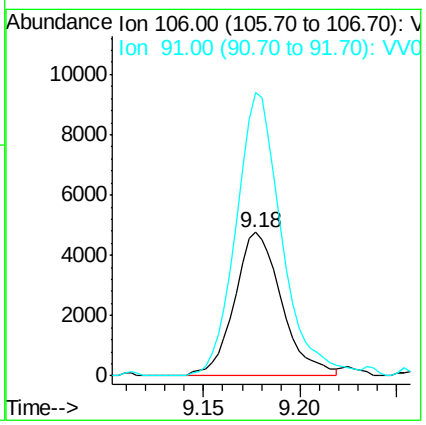
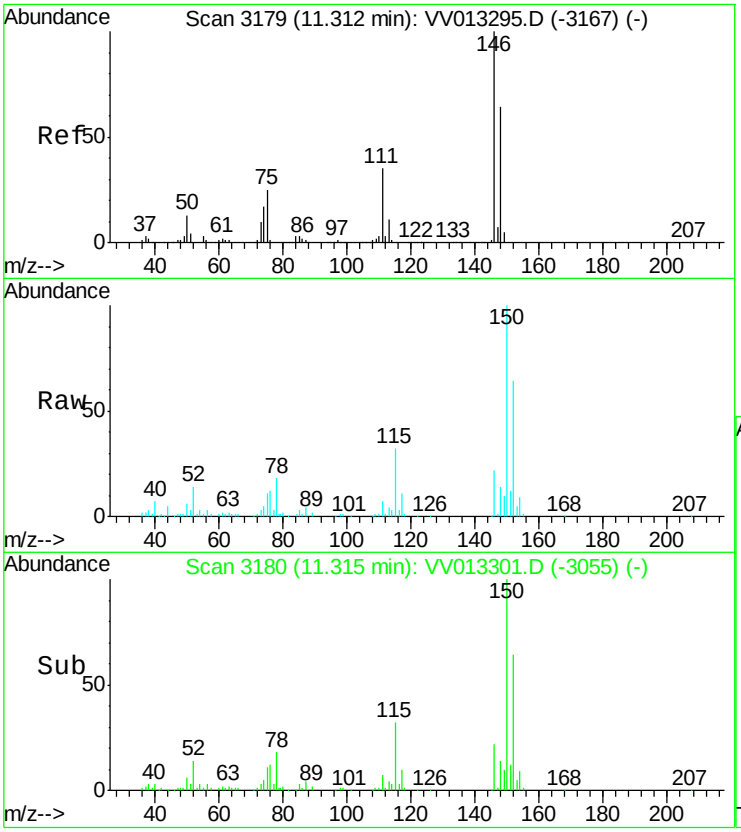


#53
m,p-Xylene
Concen: 0.547 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion:106 Resp: 8094

Ion	Ratio	Lower	Upper
106	100		
91	197.0	137.7	255.7

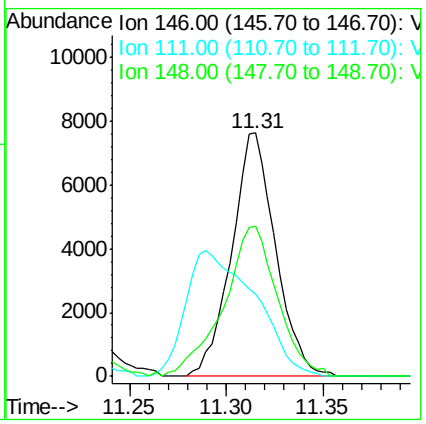




#63
1,4-Dichlorobenzene
Concen: 0.708 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion:146 Resp: 12077

Ion	Ratio	Lower	Upper
146	100		
111	33.6	24.5	45.5
148	61.5	45.0	83.6



Instrument :
MSVOA_V
ClientSampleId :
C0042

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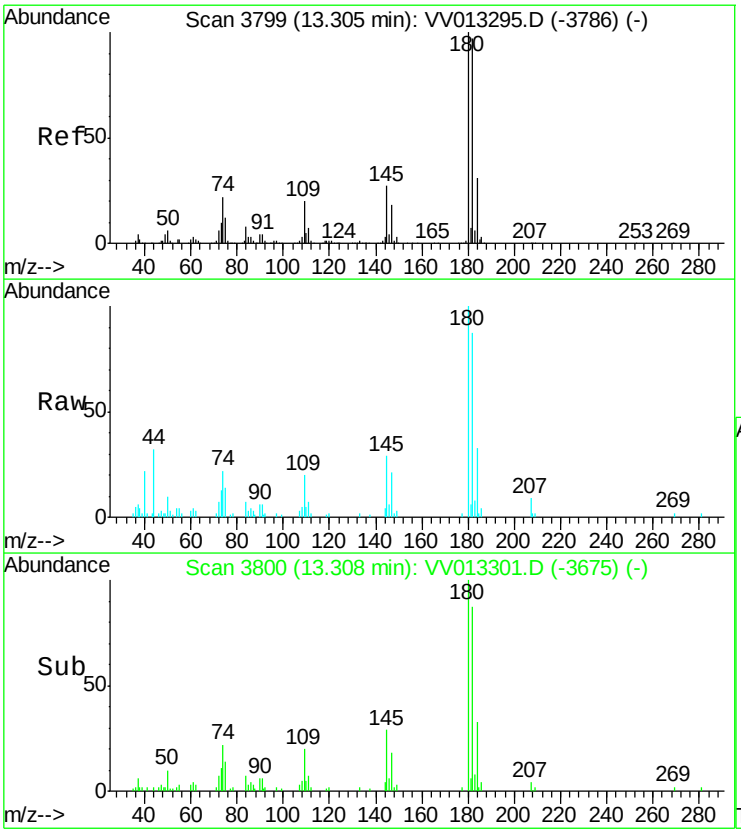
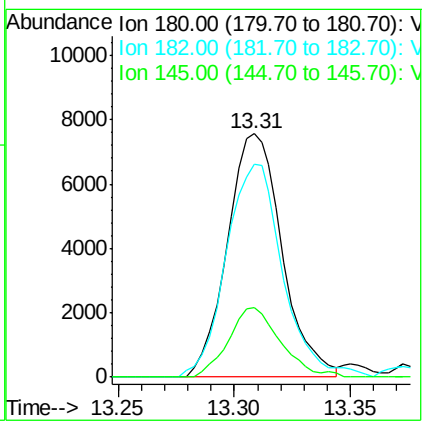
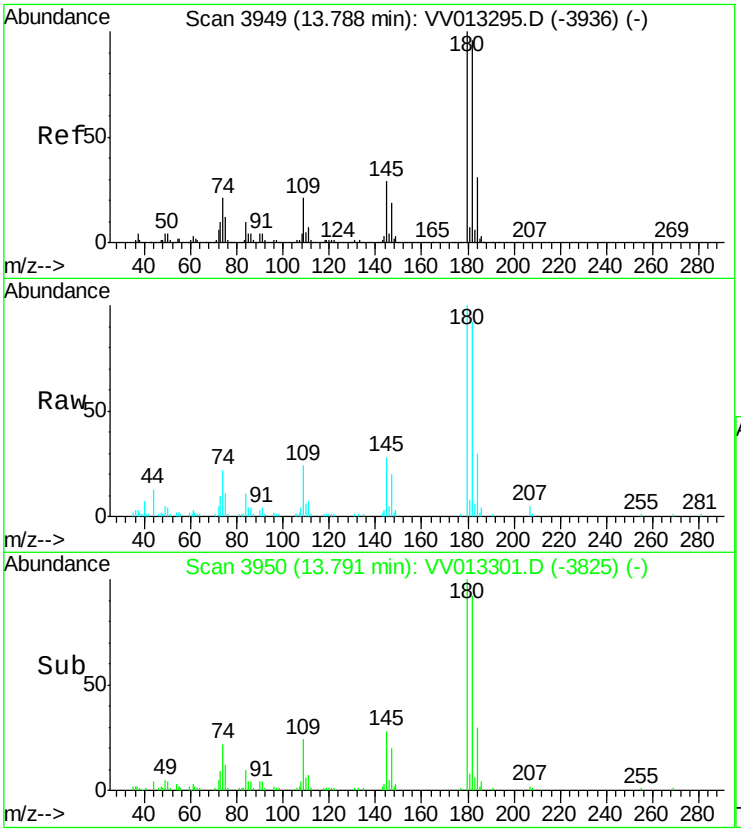


#68
1,2,4-trichlorobenzene
Concen: 1.196 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion:180 Resp: 12418

Ion	Ratio	Lower	Upper
180	100		
182	90.4	77.3	115.9
145	26.5	21.7	32.5

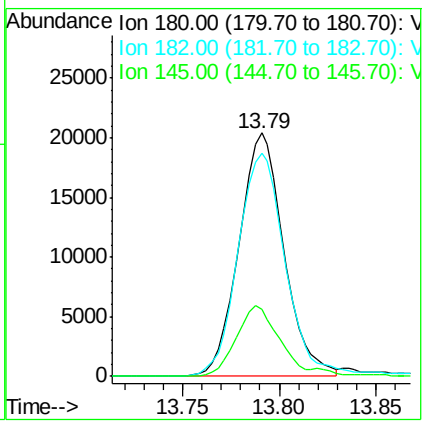




#70
1,2,3-Trichlorobenzene
Concen: 2.958 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion:180 Resp: 32909

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.6
145	27.5	23.4	35.2



Instrument :
MSVOA_V
ClientSampleId :
C0042

Manual Integrations APPROVED
MMDadoda
10/24/2019 10:45:27 AM