Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013815.D
Acq On : 27 Nov 2019 11:38
Operator : SY/MD
Sample : K5993-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GARD9

Quant Time: Nov 29 01:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	334630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140796	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84346	4.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%			
7) Chloroethane-d5	1.58	69	82402	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.13	63	121195	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	3.94	46	196214	45.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.08%			
24) Chloroform-d	4.39	84	182638	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.07	65	102917	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.09	84	390363	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.11	67	120703	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.35	98	315699	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	7.66	79	42975	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.14	63	169950	46.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89298	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	129384	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	2547	0.114	ug/L	85
25) Chloroform	4.42	83	26009	0.668	ug/L	97
47) Tetrachloroethene	8.01	164	2179	0.111	ug/L	89

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

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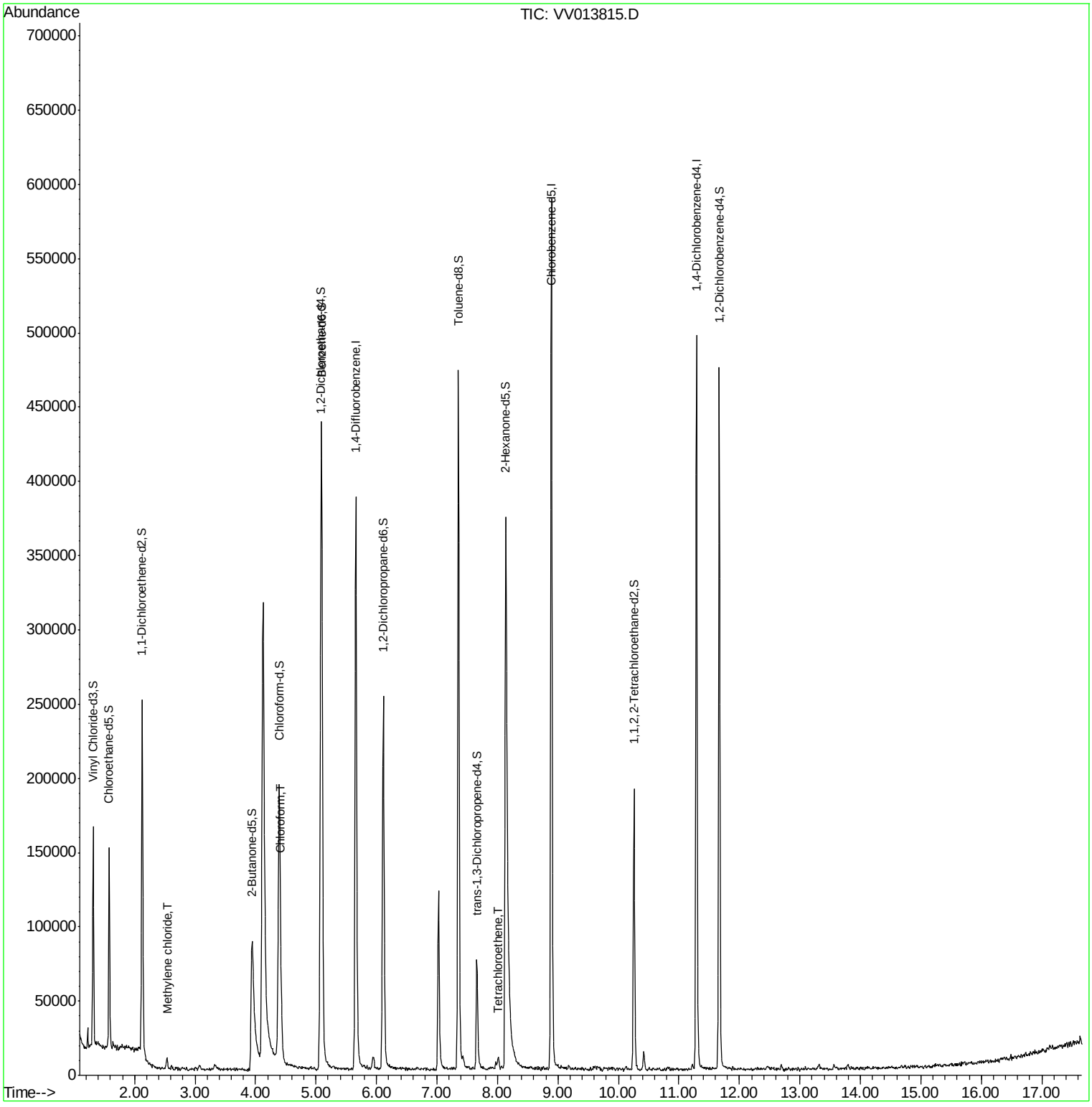
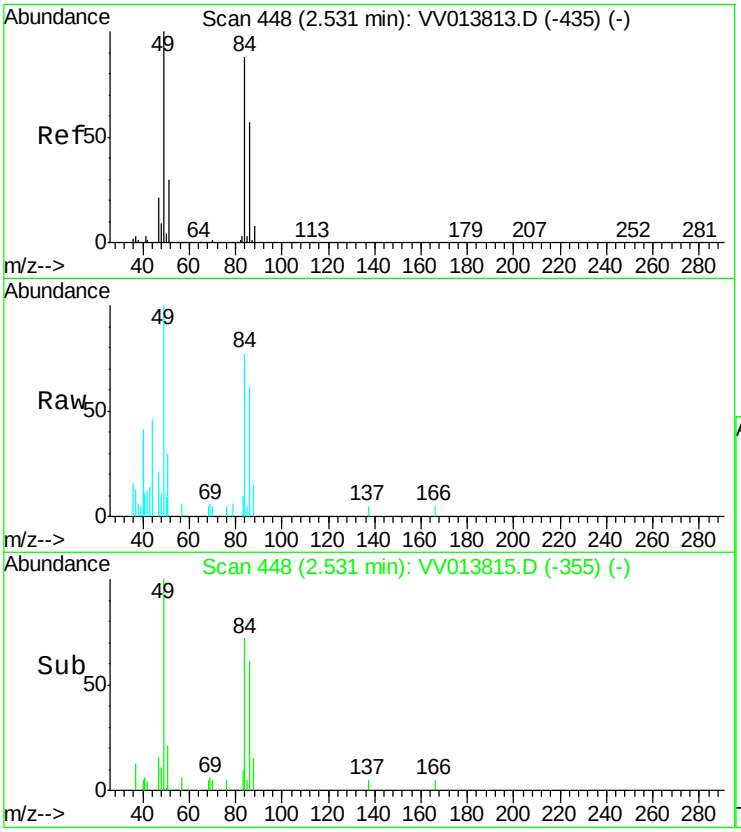


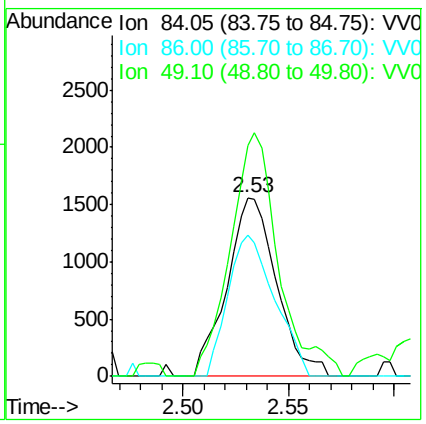


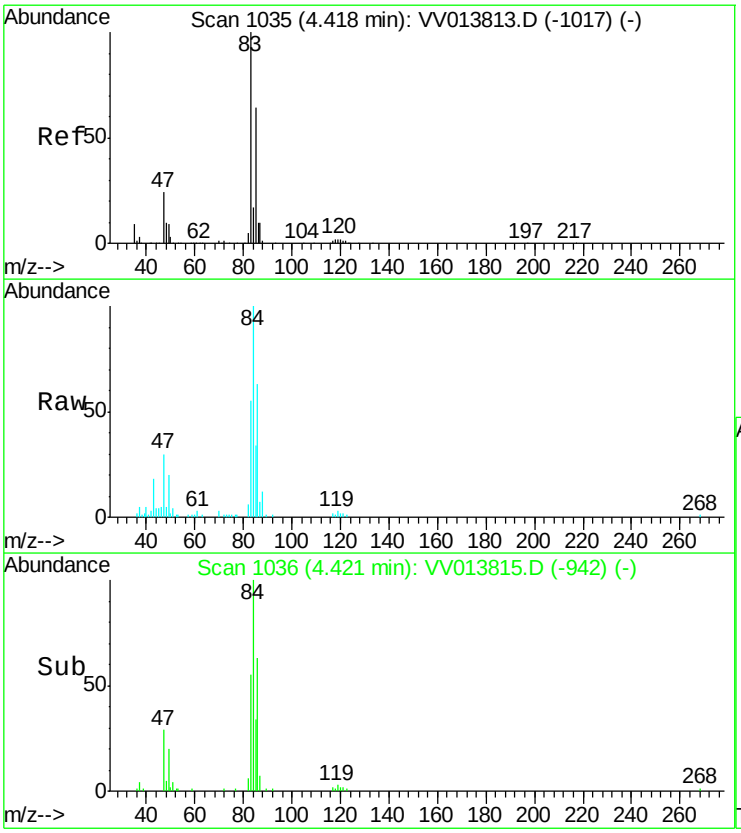
#16
Methylene chloride
Concen: 0.114 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013815.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_V
ClientSampleId :
GARD9

Tgt Ion: 84 Resp: 2547

Ion	Ratio	Lower	Upper
84	100		
86	79.0	44.0	81.6
49	129.4	81.5	151.5

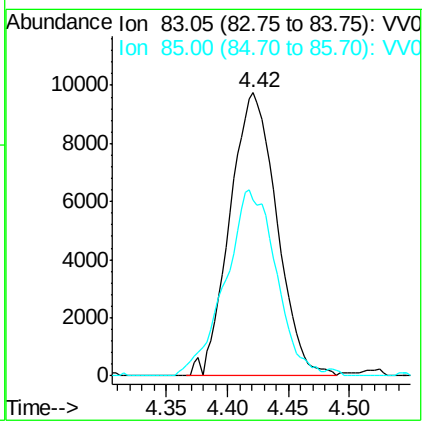


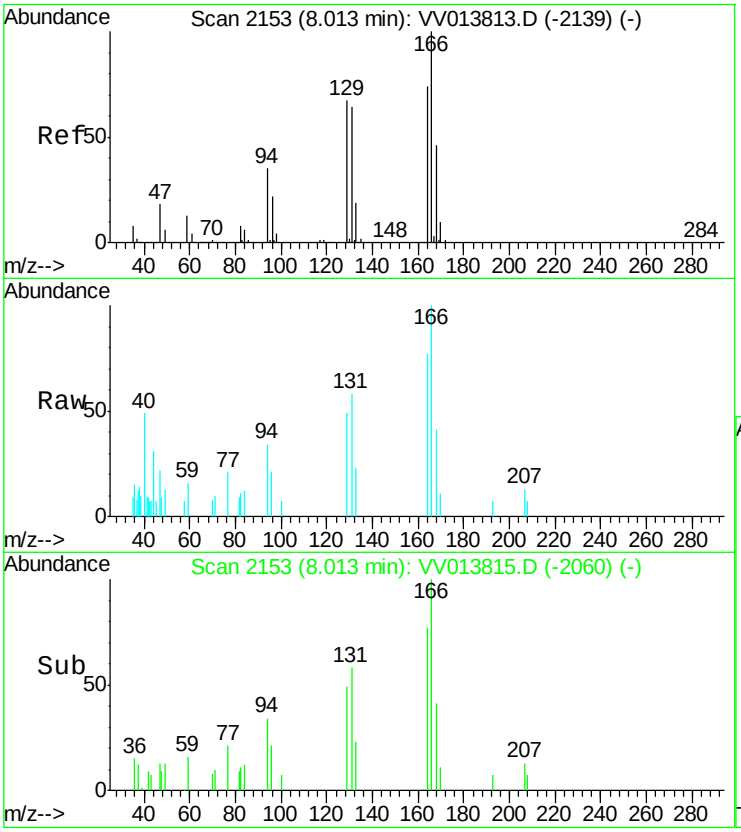


#25
Chloroform
Concen: 0.668 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013815.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 83 Resp: 26009

Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.1	83.7





#47
Tetrachloroethene
Concen: 0.111 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV013815.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_V
ClientSampleId :
GARD9

Tgt Ion:164 Resp: 2179

Ion	Ratio	Lower	Upper
164	100		
129	63.4	60.3	112.1
131	75.5	59.9	111.3
166	129.6	89.1	165.5