Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110819\
Data File : VV013561.D
Acq On : 09 Nov 2019 00:57
Operator : SY/MD
Sample : K5743-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9S2

Quant Time: Nov 09 01:29:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 01:14:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367902	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	367328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162307	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	75981	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.58	69	70807	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.13	63	100939	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	3.95	46	254505	45.78	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.56%			
24) Chloroform-d	4.40	84	201353	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.08	65	114078	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.10	84	360290	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.11	67	129398	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.36	98	276865	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.66	79	42573	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.13	63	153860	39.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95870	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	143287	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
13) Acetone	2.22	43	9893	2.934	ug/L	94
16) Methylene chloride	2.53	84	29638	1.023	ug/L	98
42) Toluene	7.43	91	11899	0.100	ug/L	93
53) m,p-xylene	9.18	106	4261	0.090	ug/L	79

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

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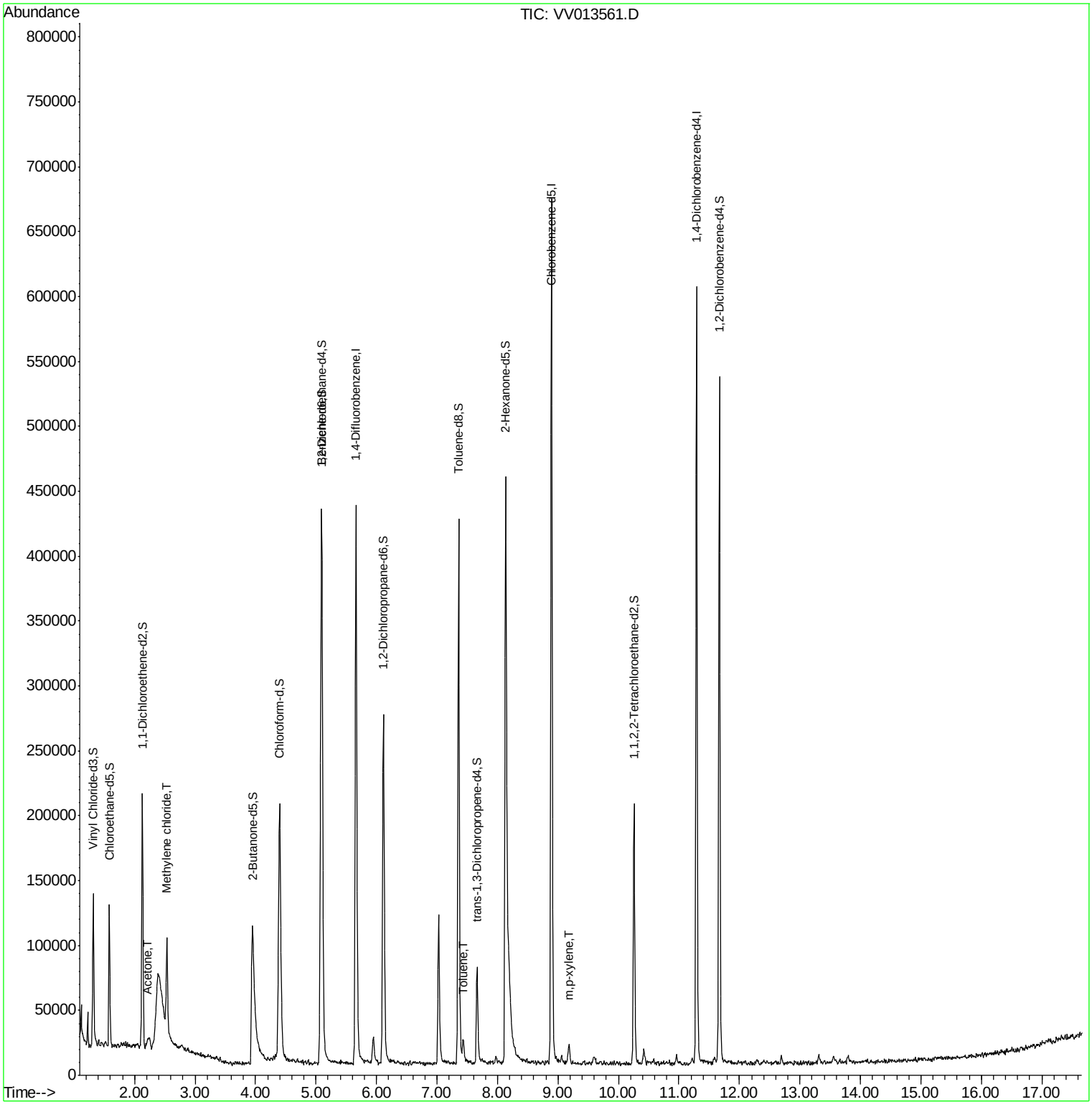
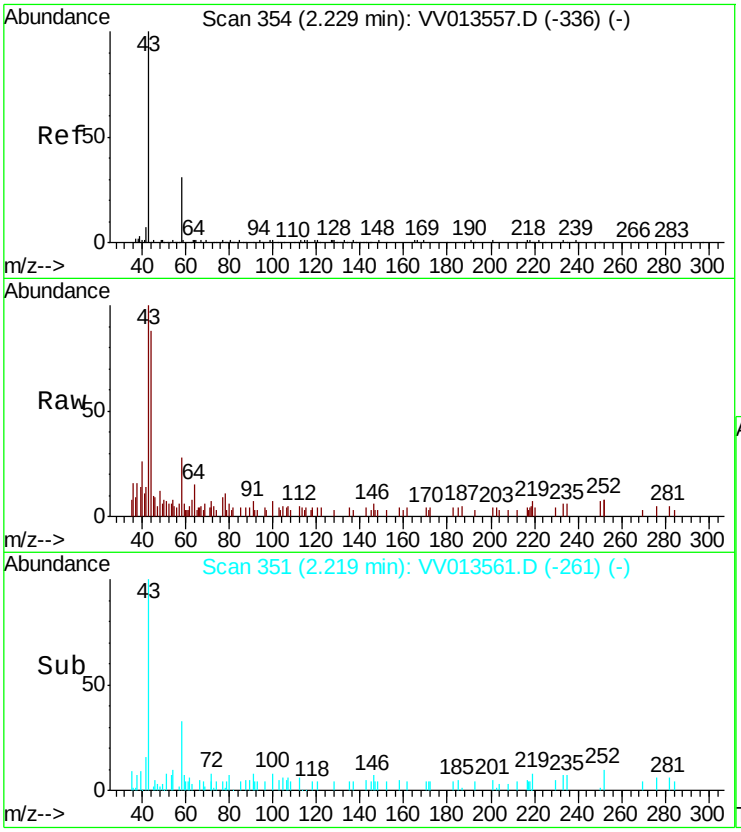


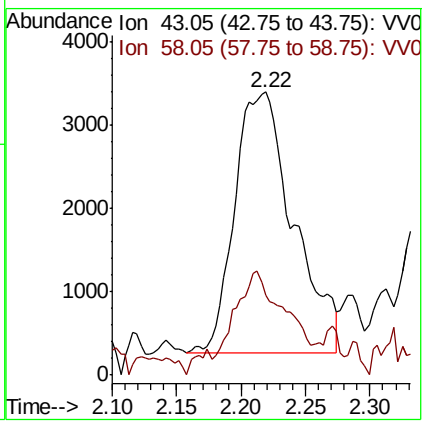


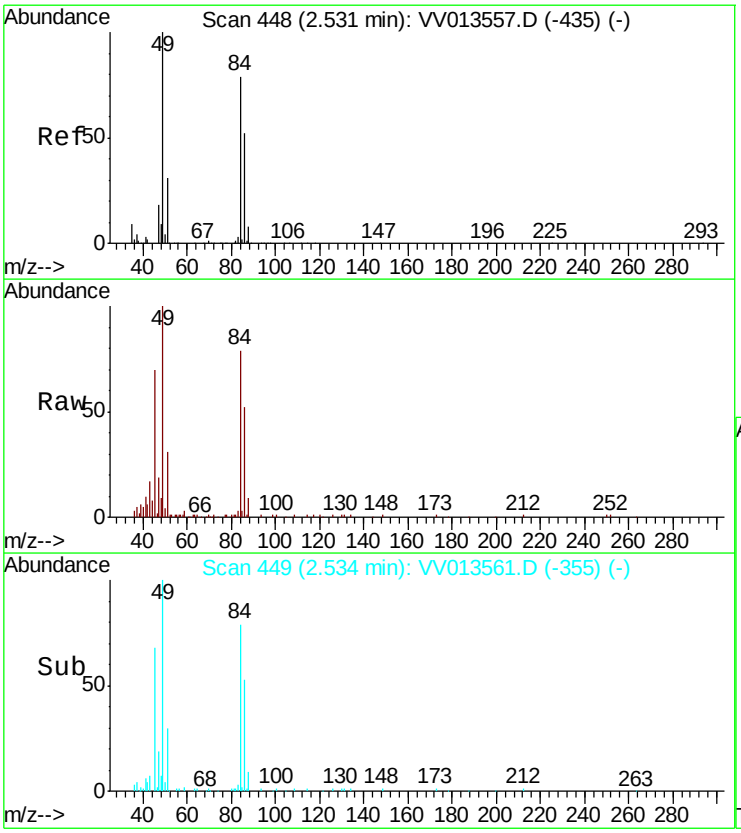
#13
Acetone
Concen: 2.934 ug/L
RT: 2.22 min Scan# 351
Delta R.T. -0.01 min
Lab File: VV013561.D
Acq: 09 Nov 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BE9S2

Tgt Ion: 43 Resp: 9893

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	60.8

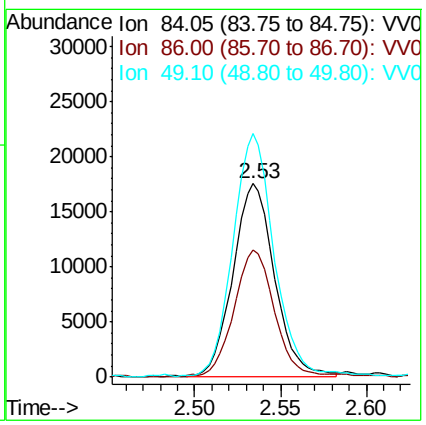


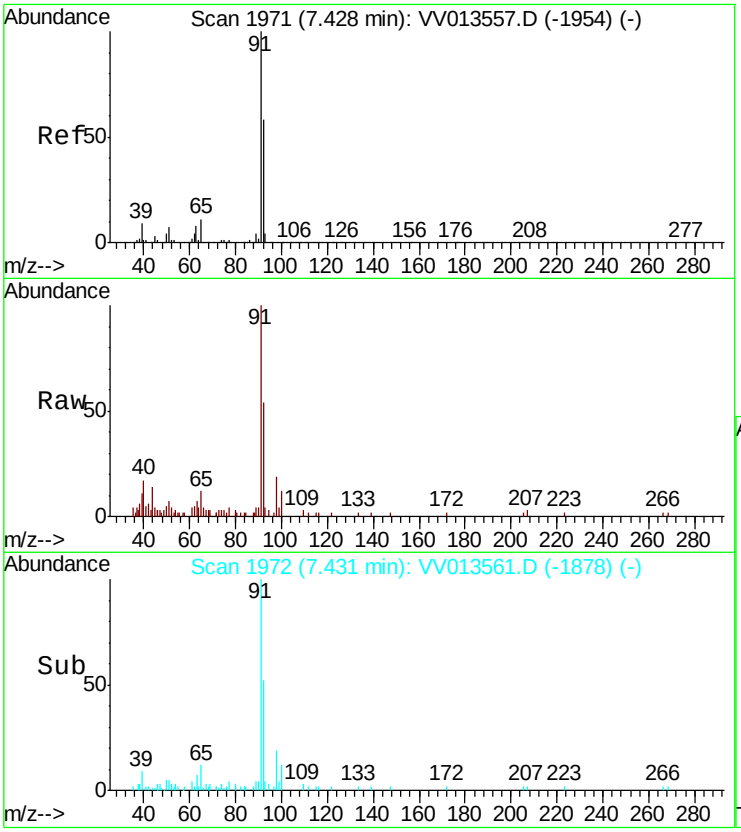


#16
Methylene chloride
Concen: 1.023 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013561.D
Acq: 09 Nov 2019 00:57

Tgt Ion: 84 Resp: 29638

Ion	Ratio	Lower	Upper
84	100		
86	66.1	44.2	82.2
49	126.1	88.8	164.8



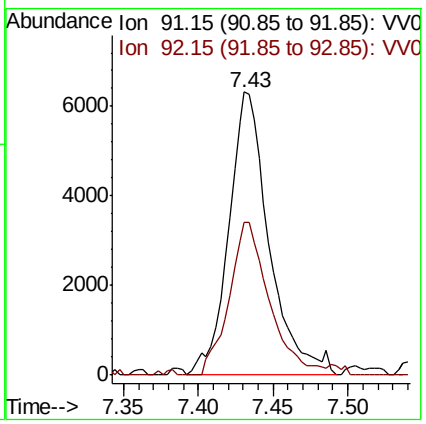


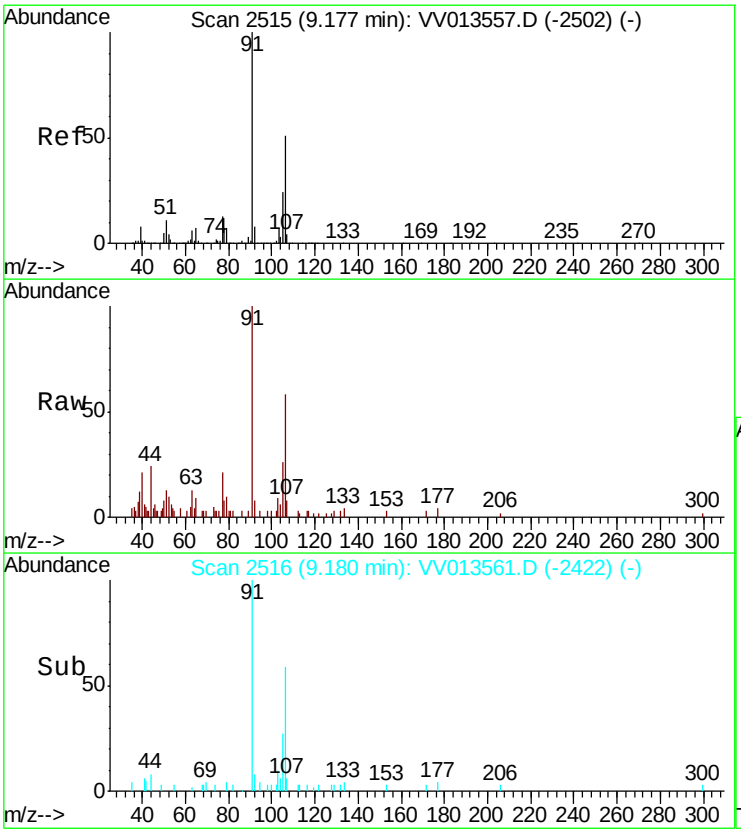
#42
Toluene
Concen: 0.100 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013561.D
Acq: 09 Nov 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BE9S2

Tgt Ion: 91 Resp: 11899

Ion	Ratio	Lower	Upper
91	100		
92	54.2	41.4	77.0





#53
m,p-xylene
Concen: 0.090 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013561.D
Acq: 09 Nov 2019 00:57

Tgt Ion:106 Resp: 4261

Ion	Ratio	Lower	Upper
106	100		
91	171.0	142.0	263.6