

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007834.D
 Acq On : 24 Sep 2018 22:42
 Operator : SY/MD
 Sample : J5043-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE9

Manual Integrations
 APPROVED

apatel
 9/25/2018 12:11:34 PM

Quant Time: Sep 25 04:59:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212818	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34581	29.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.80%#
7) Chloroethane-d5	1.59	69	38206	36.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.70%
11) 1,1-Dichloroethene-d2	2.14	63	70153	25.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.46%#
21) 2-Butanone-d5	3.95	46	55425	72.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.55%
24) Chloroform-d	4.41	84	87136	35.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.38%
26) 1,2-Dichloroethane-d4	5.09	65	61004	38.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.24%
32) Benzene-d6	5.11	84	172905	36.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.38%
36) 1,2-Dichloropropane-d6	6.13	67	53570	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.94%
41) Toluene-d8	7.37	98	173396	34.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.46%#
43) trans-1,3-Dichloropropene-	7.67	79	22818	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
47) 2-Hexanone-d5	8.14	63	44401m	71.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.47%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80724	36.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	84942	38.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.46%#

Target Compounds					Ovalue
42) Toluene	7.44	91	3571	0.605 ug/L	97
46) Tetrachloroethene	8.02	164	16317	10.828 ug/L	97

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

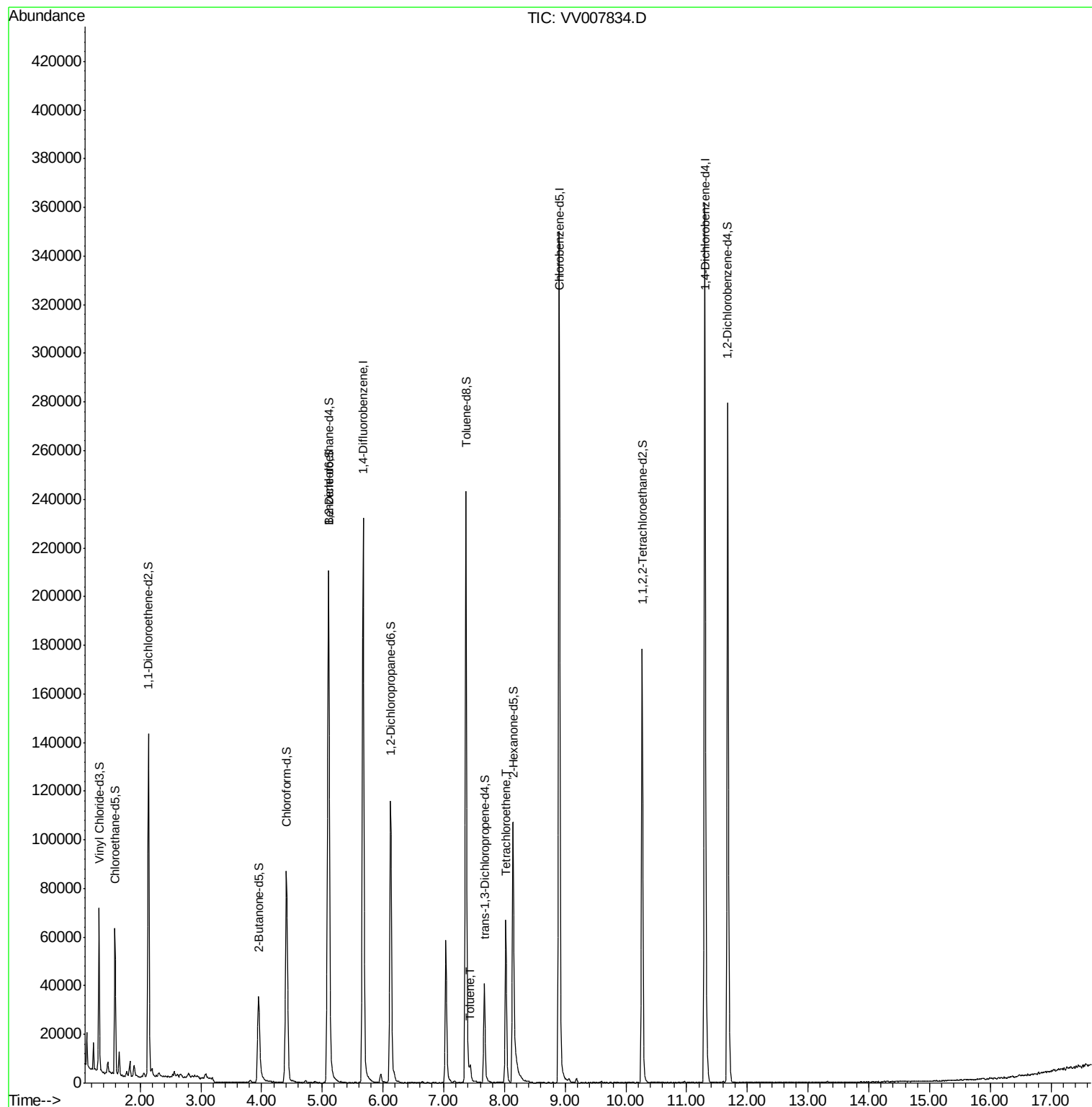
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092418\
Data File : VV007834.D
Acq On : 24 Sep 2018 22:42
Operator : SY/MD
Sample : J5043-09
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

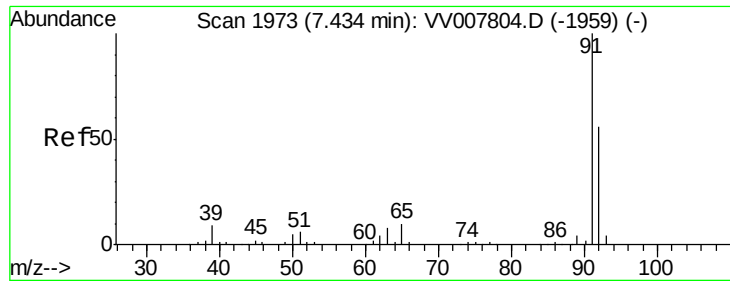
Instrument :
MSVOA_V
ClientSampleId :
E5FE9

Manual Integrations
APPROVED

apatel
9/25/2018 12:11:34 PM

Quant Time: Sep 25 04:59:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 25 04:04:32 2018
Response via : Initial Calibration





#42

Toluene

Concen: 0.605 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007834.D

Acq: 24 Sep 2018 22:42

Instrument :

MSVOA_V

ClientSampled :

E5FE9

Tot Ion: 91 Resp: 3571

Ion Ratio Lower Upper

91 100

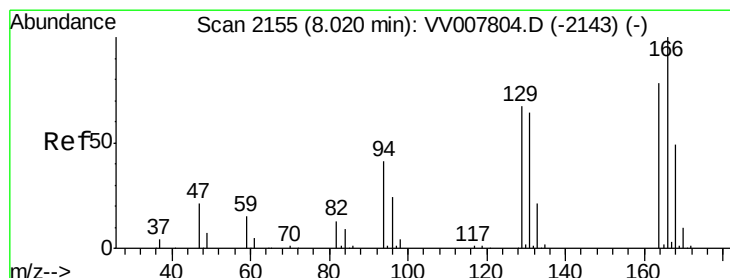
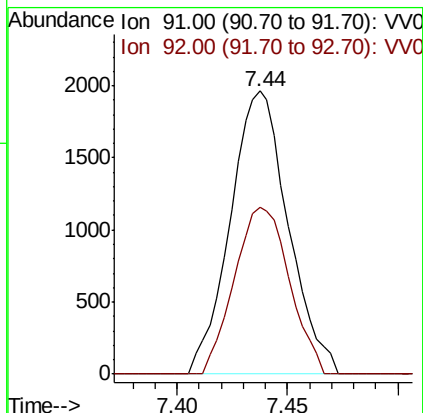
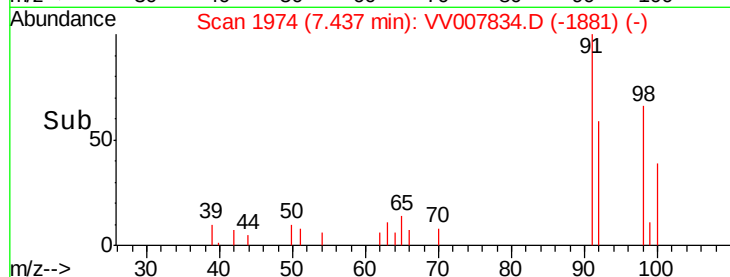
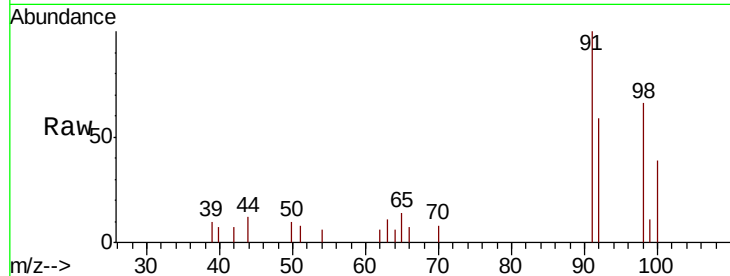
92 59.2 39.7 73.7

Manual Integrations

APPROVED

apatel

9/25/2018 12:11:34 PM



#46

Tetrachloroethene

Concen: 10.828 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007834.D

Acq: 24 Sep 2018 22:42

Tgt Ion: 164 Resp: 16317

Ion Ratio Lower Upper

164 100

129 82.7 61.0 113.4

131 84.5 57.8 107.4

166 126.2 89.9 167.0

