

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014822.D
 Acq On : 10 Mar 2020 23:29
 Operator : SY/MD
 Sample : L1840-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:52:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	499597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	477924	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	242389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113315	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.04%
7) Chloroethane-d5	1.27	69	154	0.06	ug/L	-0.31
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.12	63	154383	27.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.96%#
21) 2-Butanone-d5	3.91	46	203210	80.59	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.59%
24) Chloroform-d	4.38	84	268783	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.96%
26) 1,2-Dichloroethane-d4	5.06	65	175250	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.60%
32) Benzene-d6	5.08	84	556065	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
36) 1,2-Dichloropropane-d6	6.10	67	177269	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.76%
41) Toluene-d8	7.34	98	529870	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.64	79	79486	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
47) 2-Hexanone-d5	8.11	63	175109	94.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	246817	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	225865	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%

Target Compounds

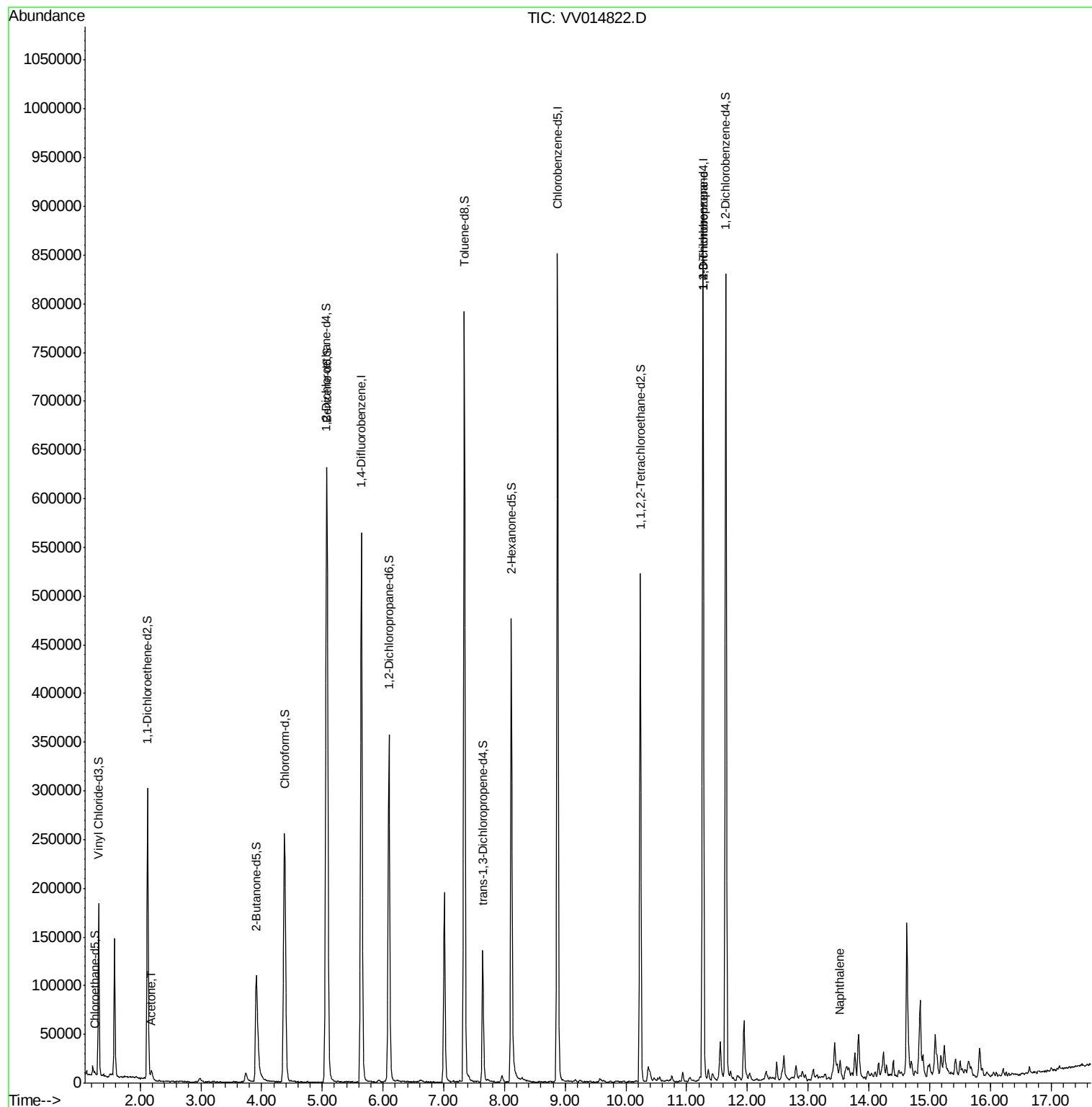
					Ovalue
13) Acetone	2.19	43	11623	5.521	ug/L 92
59) 1,2,3-Trichloropropane	11.27	75	26197	5.483	ug/L 98
69) Naphthalene	13.53	128	12275	1.463	ug/L 98

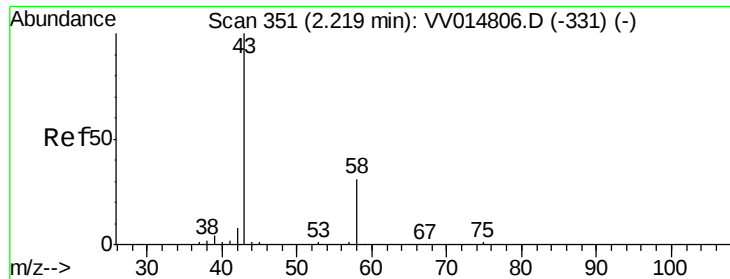
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.521 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014822.D

Acq: 10 Mar 2020 23:29

Instrument :

MSVOA_V

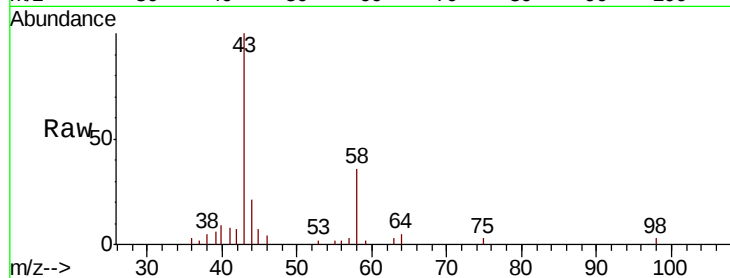
ClientSampleId :

Tot Ion: 43 Resp: 11623

Ion Ratio Lower Upper

43 100

58 35.5 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

6000

5000

4000

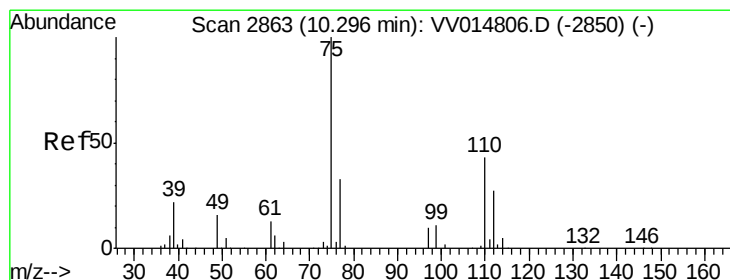
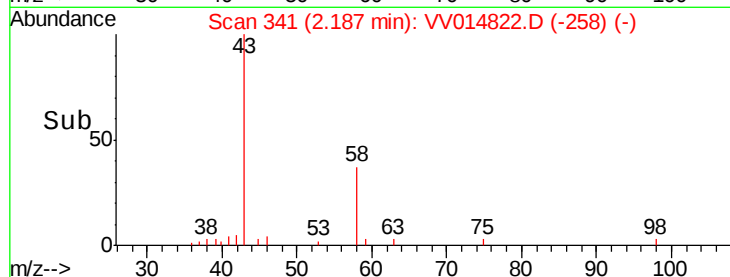
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#59

1,2,3-Trichloropropane

Concen: 5.483 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

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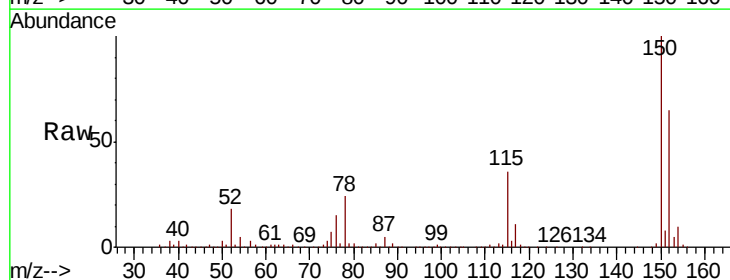
Acq: 10 Mar 2020 23:29

Tgt Ion: 75 Resp: 26197

Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

20000

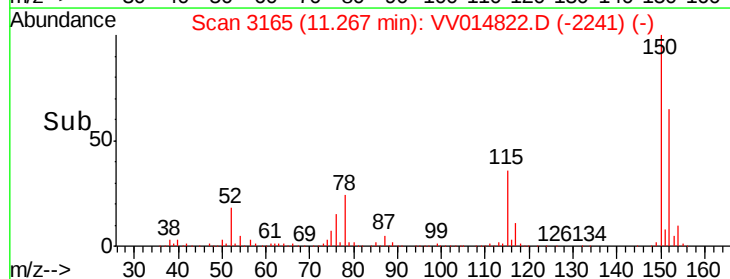
15000

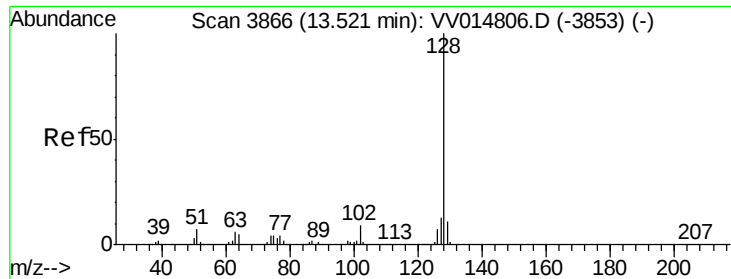
10000

5000

0

Time--> 11.20 11.25 11.30





#69

Naphthalene

Concen: 1.463 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.01 min

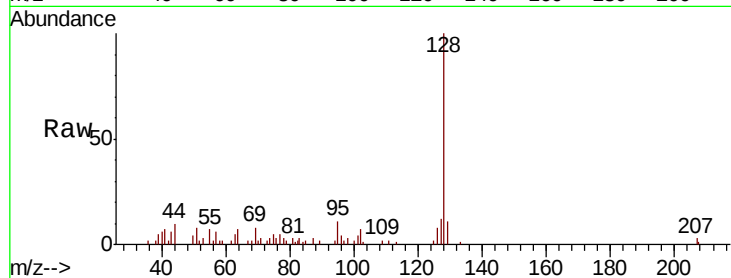
Lab File: VV014822.D

Acq: 10 Mar 2020 23:29

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 12275

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.8 8.5 12.7

