

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014823.D
 Acq On : 10 Mar 2020 23:53
 Operator : SY/MD
 Sample : L1840-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:53:02 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	503140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	479238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	235394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115415	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.80%
7) Chloroethane-d5	1.58	69	101729	37.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.58%
11) 1,1-Dichloroethene-d2	2.12	63	154488	27.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.62%#
21) 2-Butanone-d5	3.93	46	217099	85.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.49%
24) Chloroform-d	4.38	84	269815	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
26) 1,2-Dichloroethane-d4	5.06	65	179849	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
32) Benzene-d6	5.08	84	567805	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
36) 1,2-Dichloropropane-d6	6.10	67	177525	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.66%
41) Toluene-d8	7.34	98	532019	42.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.86%
43) trans-1,3-Dichloropropene-	7.64	79	78555	38.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.72%
47) 2-Hexanone-d5	8.12	63	183699	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	254755	44.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	222868	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%

Target Compounds

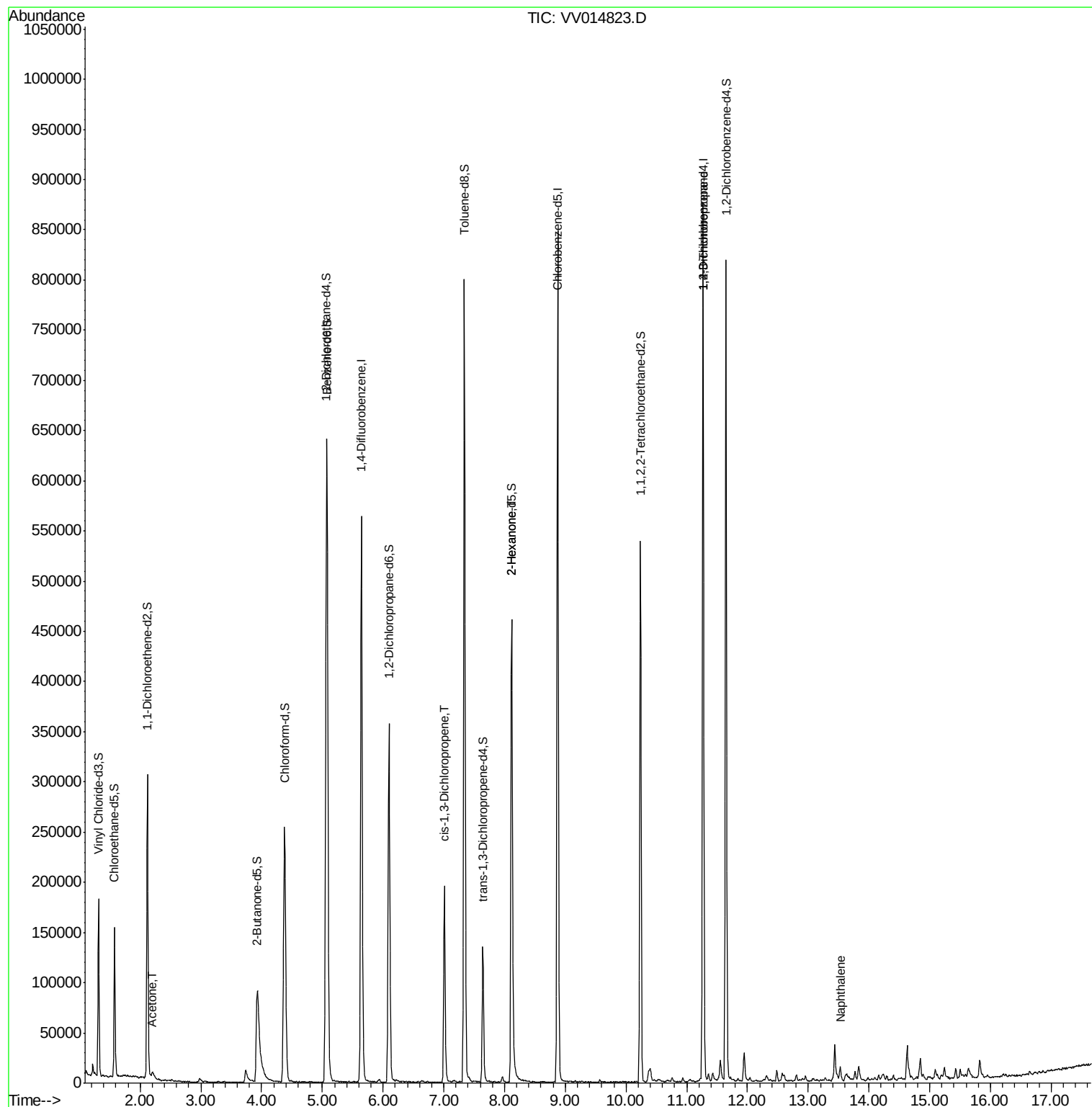
					Ovalue
13) Acetone	2.20	43	5291	2.495 ug/L	88
39) cis-1,3-Dichloropropene	7.01	75	4651	0.791 ug/L #	68
48) 2-Hexanone	8.11	43	23685	5.539 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	24454	5.104 ug/L	92
69) Naphthalene	13.53	128	9992	1.227 ug/L	98

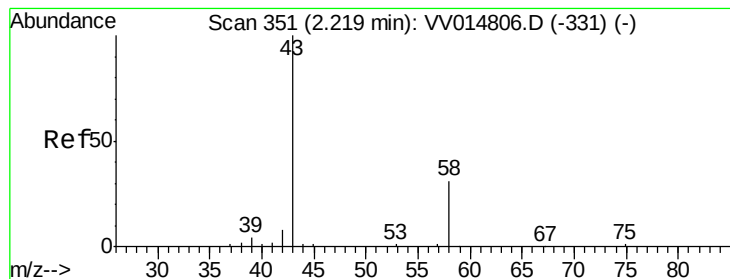
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.495 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV014823.D

Acq: 10 Mar 2020 23:53

Instrument :

MSVOA_V

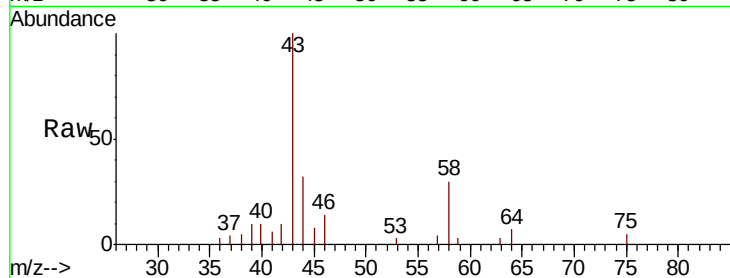
ClientSampleId :

Tot Ion: 43 Resp: 5291

Ion Ratio Lower Upper

43 100

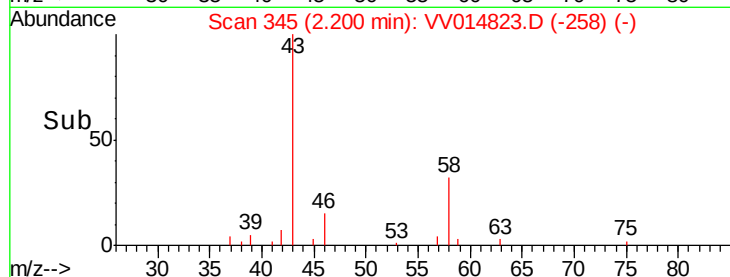
58 24.3 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV014806.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014806.D (-331) (-)

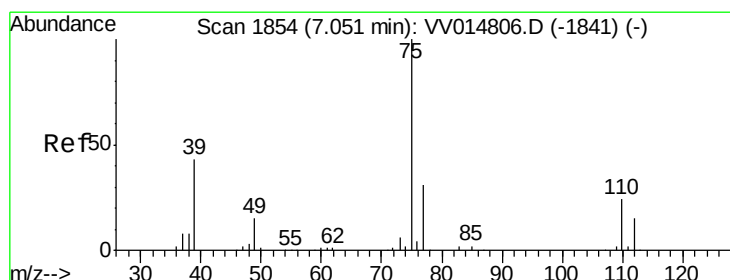
Time--> 2.14 2.16 2.18 2.20 2.22



Abundance Ion 43.00 (42.70 to 43.70): VV014823.D (-258) (-)

Ion 58.00 (57.70 to 58.70): VV014823.D (-258) (-)

Time--> 2.14 2.16 2.18 2.20 2.22



#39

cis-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV014823.D

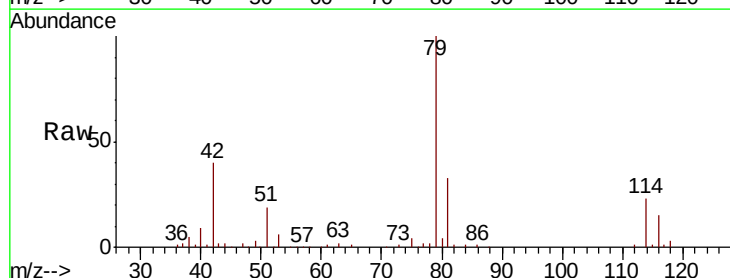
Acq: 10 Mar 2020 23:53

Tgt Ion: 75 Resp: 4651

Ion Ratio Lower Upper

75 100

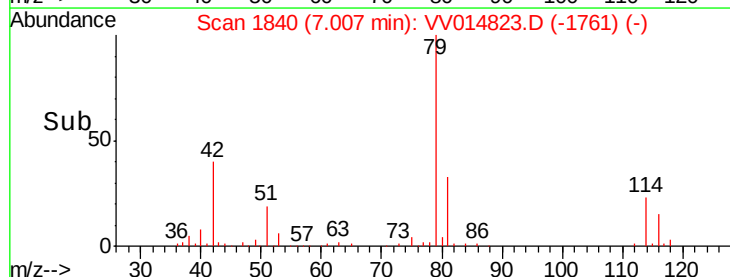
77 50.6 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV014806.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV014806.D (-1841) (-)

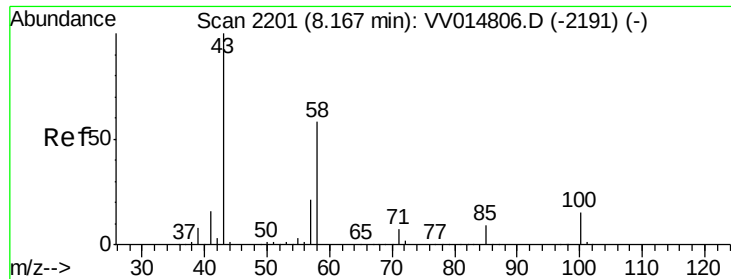
Time--> 6.95 7.00 7.05



Abundance Ion 75.00 (74.70 to 75.70): VV014823.D (-1761) (-)

Ion 77.00 (76.70 to 77.70): VV014823.D (-1761) (-)

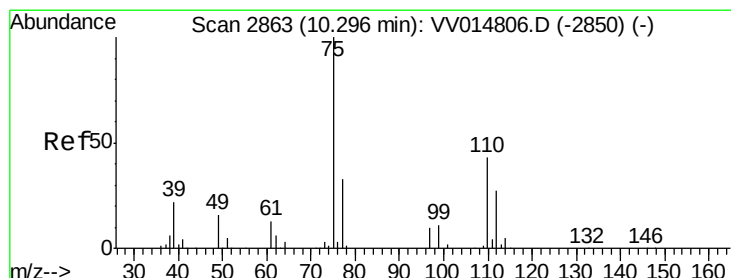
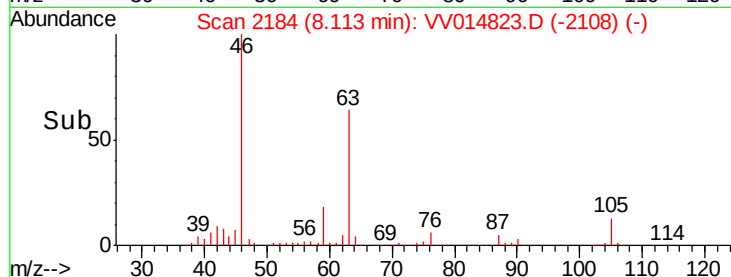
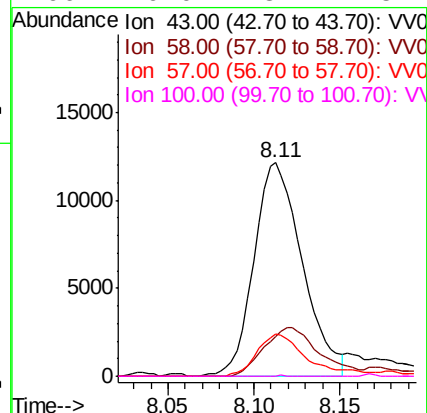
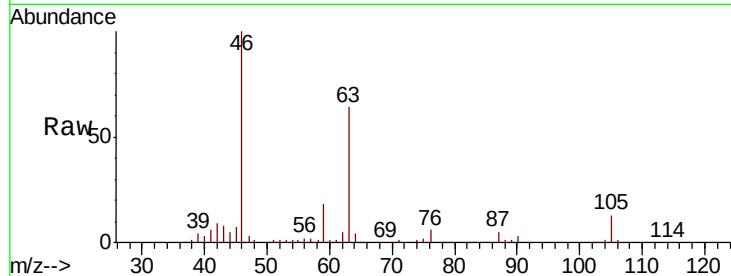
Time--> 6.95 7.00 7.05



#48
 2-Hexanone
 Concen: 5.539 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV014823.D
 Acq: 10 Mar 2020 23:53

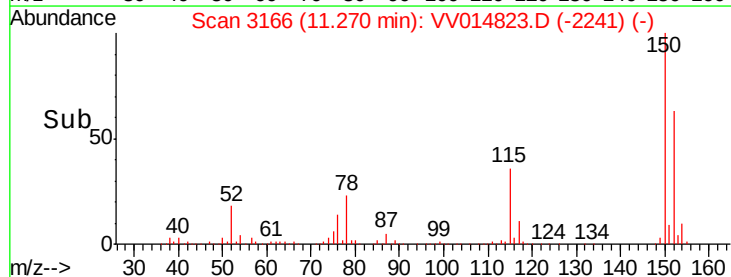
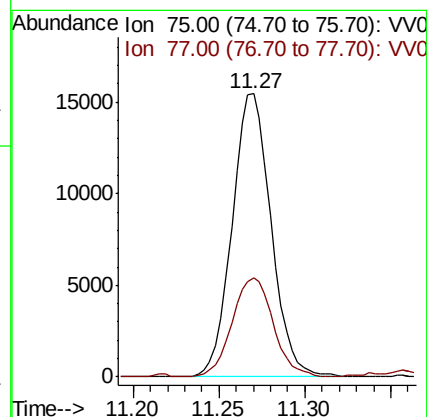
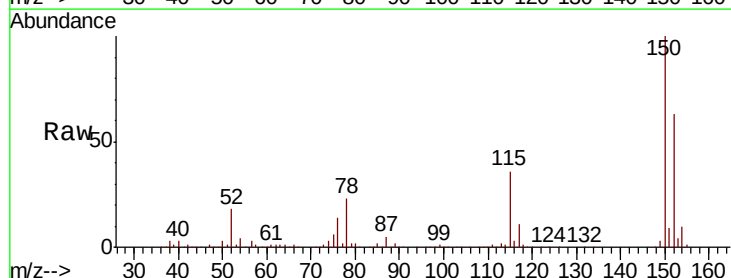
Instrument :
 MSVOA_V
 ClientSampled :

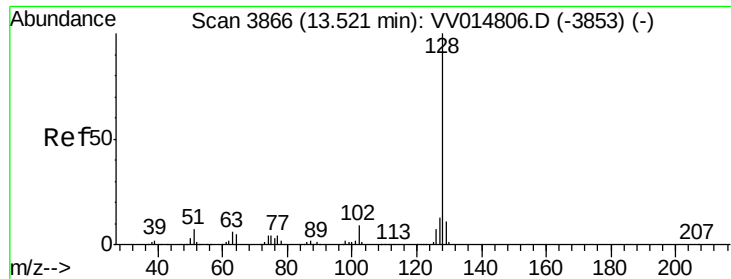
Tot Ion: 43 Resp: 23685
 Ion Ratio Lower Upper
 43 100
 58 25.9 43.3 64.9#
 57 19.6 15.6 23.4
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.104 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV014823.D
 Acq: 10 Mar 2020 23:53

Tgt Ion: 75 Resp: 24454
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.6 38.4





#69

Naphthalene

Concen: 1.227 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.01 min

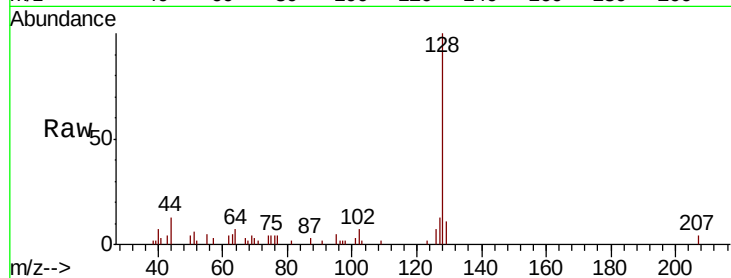
Lab File: VV014823.D

Acq: 10 Mar 2020 23:53

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 9992

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.8 8.5 12.7

