

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015656.D
 Acq On : 23 Apr 2020 12:39
 Operator : SY/MD
 Sample : L2393-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

Quant Time: Apr 24 05:05:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137199	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30719	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	31628	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	48673	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.91	46	104596	45.43	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	4.38	84	71235	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	43502	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.08	84	141731	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	44463	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.34	98	129748	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.64	79	15611	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.11	63	79110	41.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31747	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	49497	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

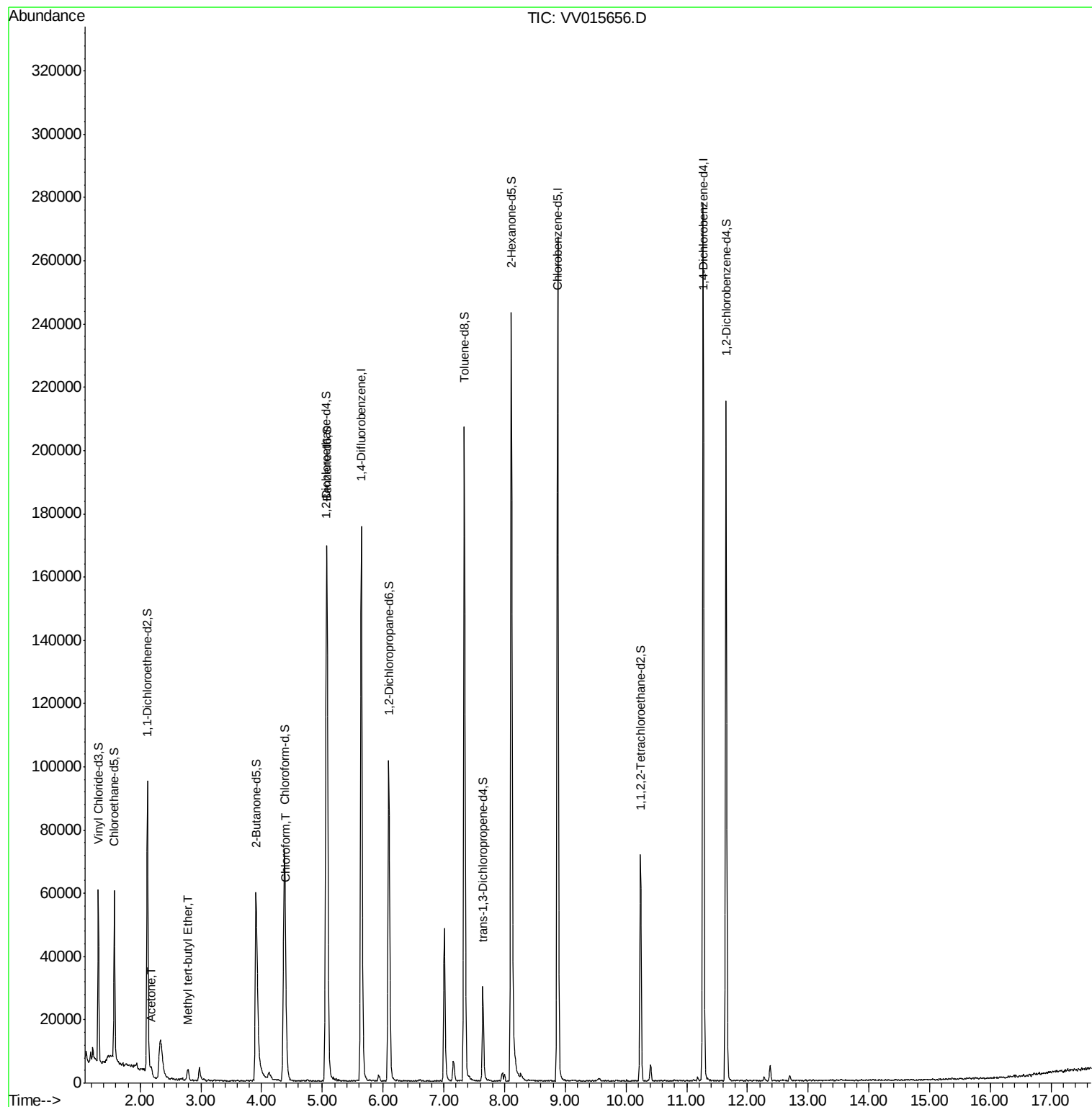
					Ovalue
13) Acetone	2.19	43	3255	2.036 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	3145	0.140 ug/L #	86
25) Chloroform	4.40	83	7680	0.412 ug/L	89

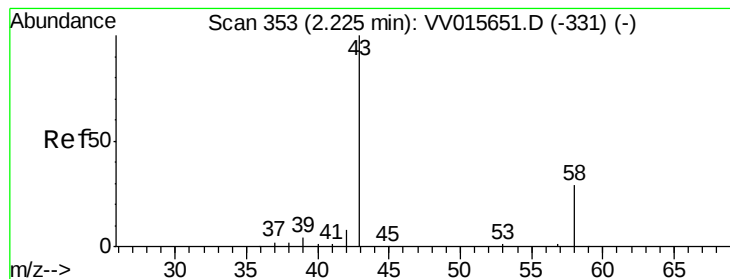
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.036 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015656.D

Acq: 23 Apr 2020 12:39

Instrument :

MSVOA_V

ClientSampled :

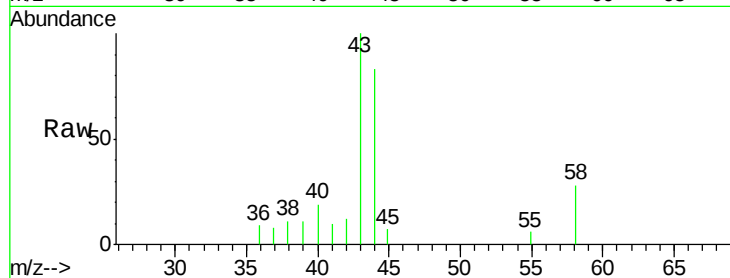
C0AF9

Tot Ion: 43 Resp: 3255

Ion Ratio Lower Upper

43 100

58 27.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015656.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015656.D (-260) (-)

2.19

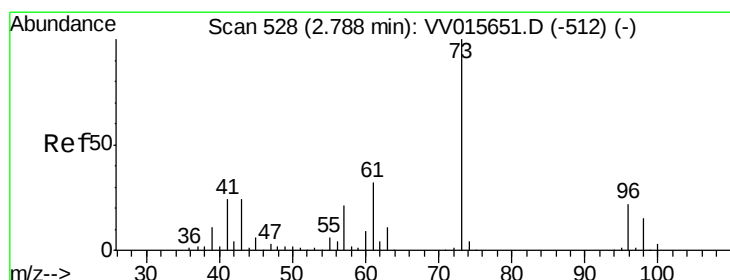
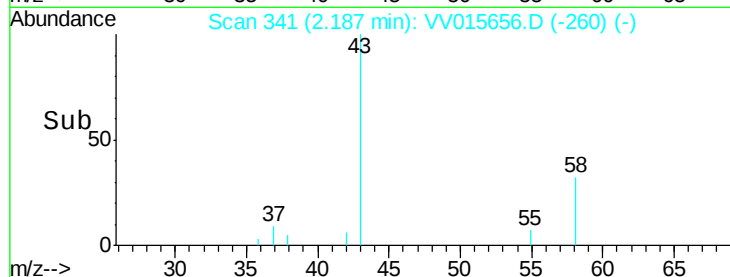
1500

1000

500

0

Time--> 2.10 2.15 2.20 2.25



#17

Methyl tert-butyl Ether

Concen: 0.140 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV015656.D

Acq: 23 Apr 2020 12:39

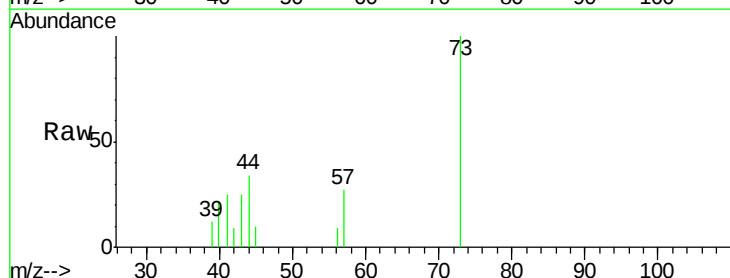
Tgt Ion: 73 Resp: 3145

Ion Ratio Lower Upper

73 100

43 34.2 20.1 30.1#

57 26.9 17.8 26.8#



Abundance Ion 73.10 (72.80 to 73.80): VV015656.D (-435) (-)

Ion 43.05 (42.75 to 43.75): VV015656.D (-435) (-)

Ion 57.10 (56.80 to 57.80): VV015656.D (-435) (-)

2.79

2000

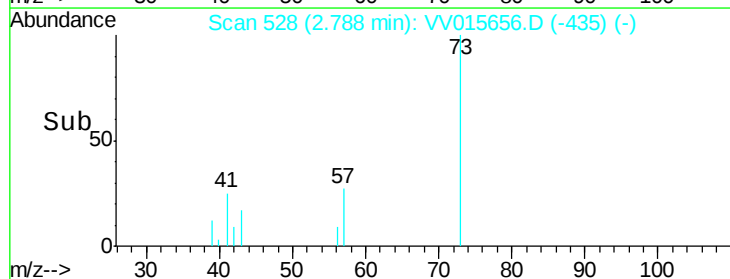
1500

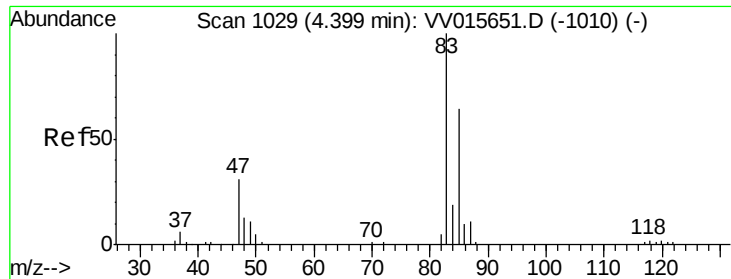
1000

500

0

Time--> 2.75 2.80 2.85





#25
 Chloroform
 Concen: 0.412 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV015656.D
 Acq: 23 Apr 2020 12:39

Instrument :
 MSVOA_V
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Tot Ion: 83 Resp: 7680
 Ion Ratio Lower Upper
 83 100
 85 74.7 46.1 85.5

