

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017416.D
 Acq On : 09 Jul 2020 22:37
 Operator : SY/MD
 Sample : L3253-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A23

Quant Time: Jul 10 05:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56845	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.22%
7) Chloroethane-d5	1.58	69	43771	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.84%
11) 1,1-Dichloroethene-d2	2.12	63	99953	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	3.91	46	92672	94.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.55%
24) Chloroform-d	4.38	84	140590	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	5.06	65	105789	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
32) Benzene-d6	5.08	84	250354	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
36) 1,2-Dichloropropane-d6	6.09	67	73364	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.20%
41) Toluene-d8	7.34	98	235515	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.64	79	39004	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
47) 2-Hexanone-d5	8.11	63	60014	88.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97280	42.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	101879	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%

Target Compounds

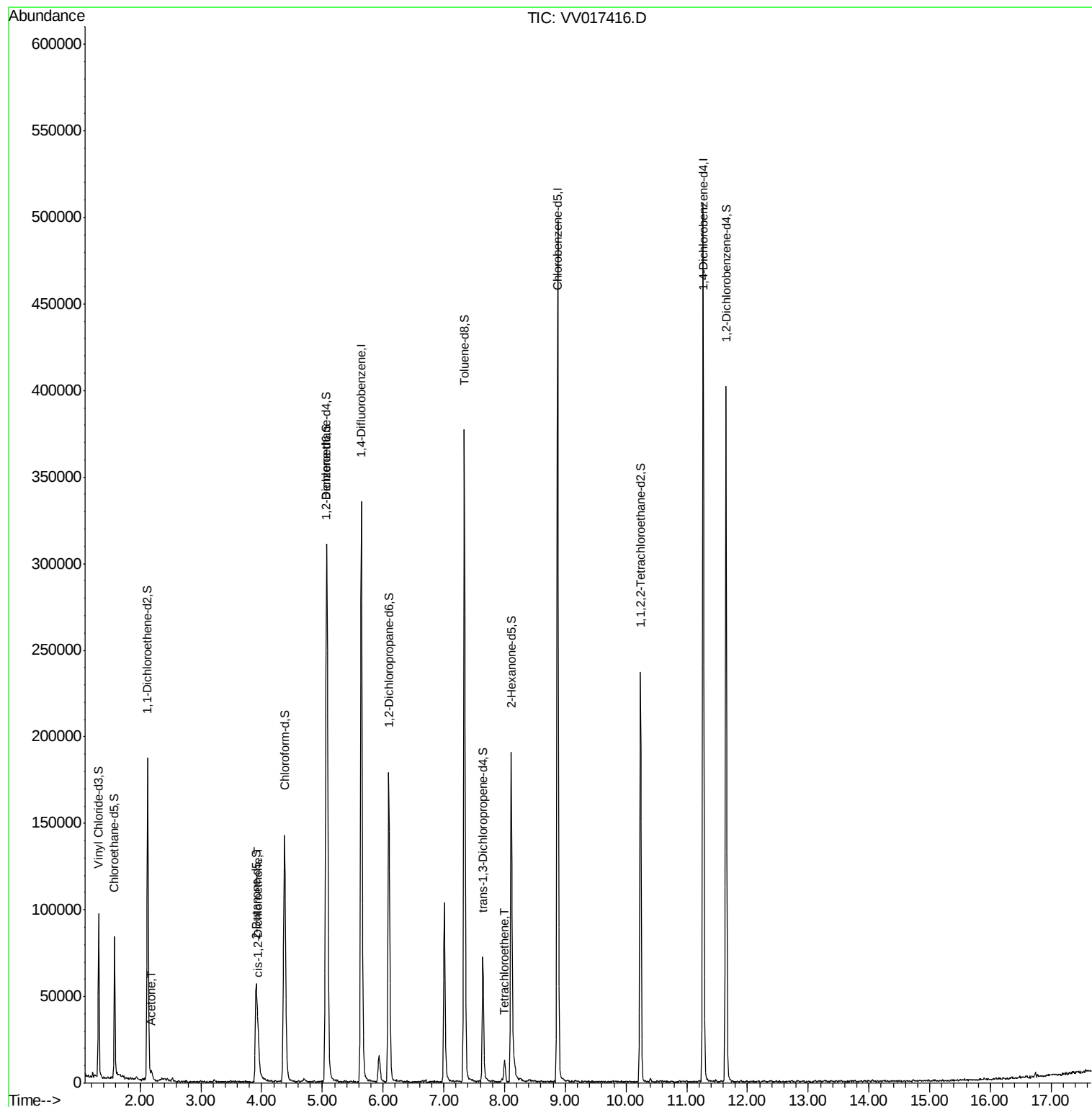
					Ovalue
13) Acetone	2.18	43	7588	5.687 ug/L	92
20) cis-1,2-Dichloroethene	3.95	96	6801	3.526 ug/L	91
46) Tetrachloroethene	8.00	164	2984	1.712 ug/L	89

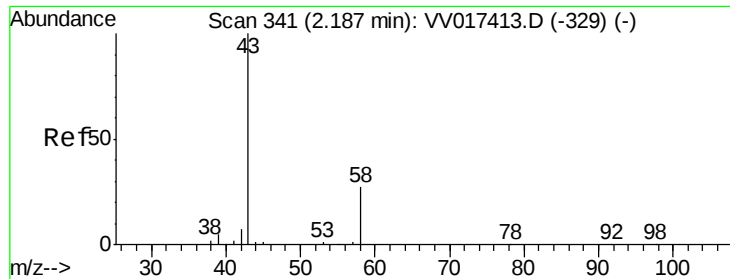
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.687 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV017416.D

Acq: 09 Jul 2020 22:37

Instrument :

MSVOA_V

ClientSampleId :

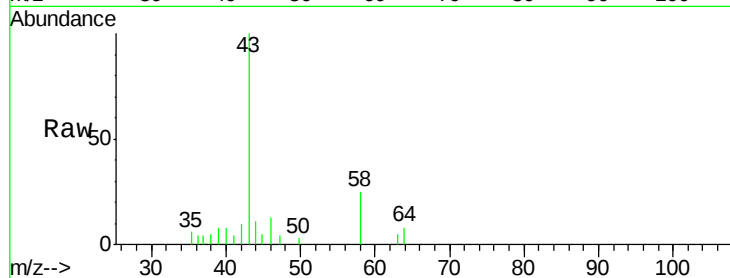
F4A23

Tot Ion: 43 Resp: 7588

Ion Ratio Lower Upper

43 100

58 23.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017416.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV017416.D (-248) (-)

2.18

3000

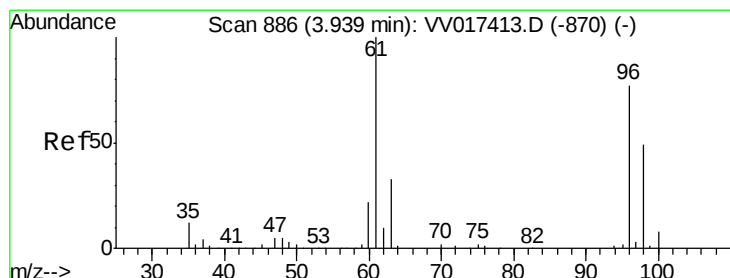
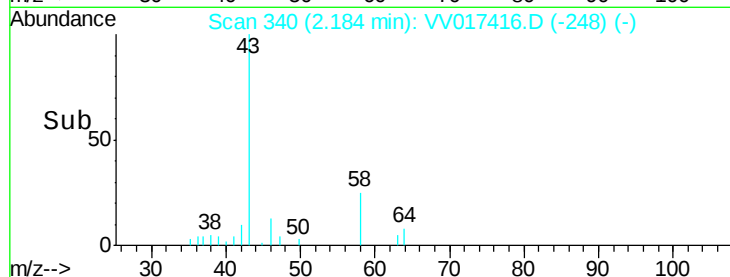
2000

1000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 3.526 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017416.D

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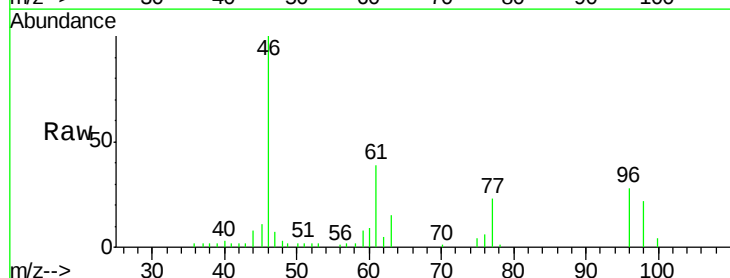
Tgt Ion: 96 Resp: 6801

Ion Ratio Lower Upper

96 100

61 137.0 88.9 165.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017416.D (-793) (-)

Ion 61.00 (60.70 to 61.70): VV017416.D (-793) (-)

Ion 68.00 (67.70 to 68.70): VV017416.D (-793) (-)

3.95

5000

4000

3000

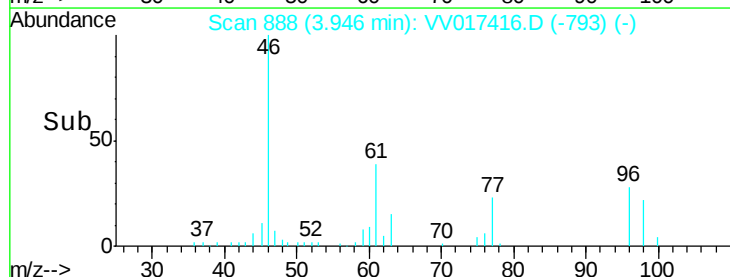
2000

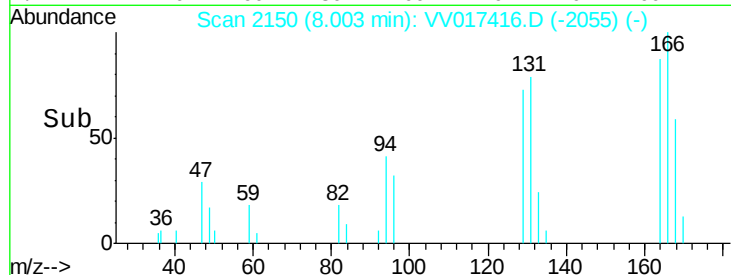
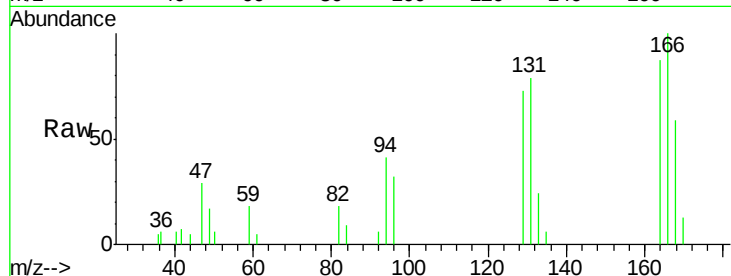
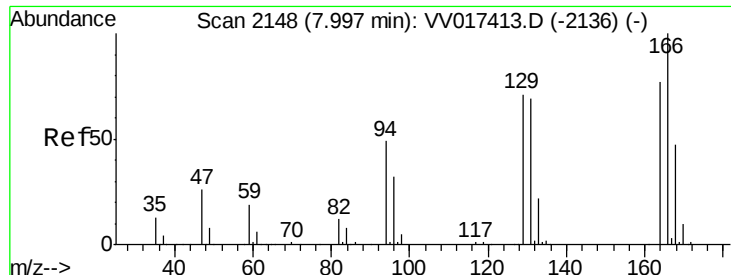
1000

0

Time-->

3.85 3.90 3.95 4.00





#46

Tetrachloroethene

Concen: 1.712 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F4A23

Tot Ion:164 Resp: 2984

Ion Ratio Lower Upper

164 100

129 83.8 66.6 123.8

131 90.5 65.5 121.7

166 114.7 93.9 174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

