

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017400.D
 Acq On : 09 Jul 2020 16:02
 Operator : SY/MD
 Sample : L3254-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A49

Quant Time: Jul 10 04:02:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262692	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60872	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.02%
7) Chloroethane-d5	1.58	69	42967	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.46%
11) 1,1-Dichloroethene-d2	2.12	63	99707	32.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.40%
21) 2-Butanone-d5	3.90	46	87593	93.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.77%
24) Chloroform-d	4.38	84	140426	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.06	65	106275	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.08	84	251943	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.09	67	73473	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.04%
41) Toluene-d8	7.34	98	238324	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.64	79	40466	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.00%
47) 2-Hexanone-d5	8.11	63	57614	89.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98861	45.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	101587	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%

Target Compounds

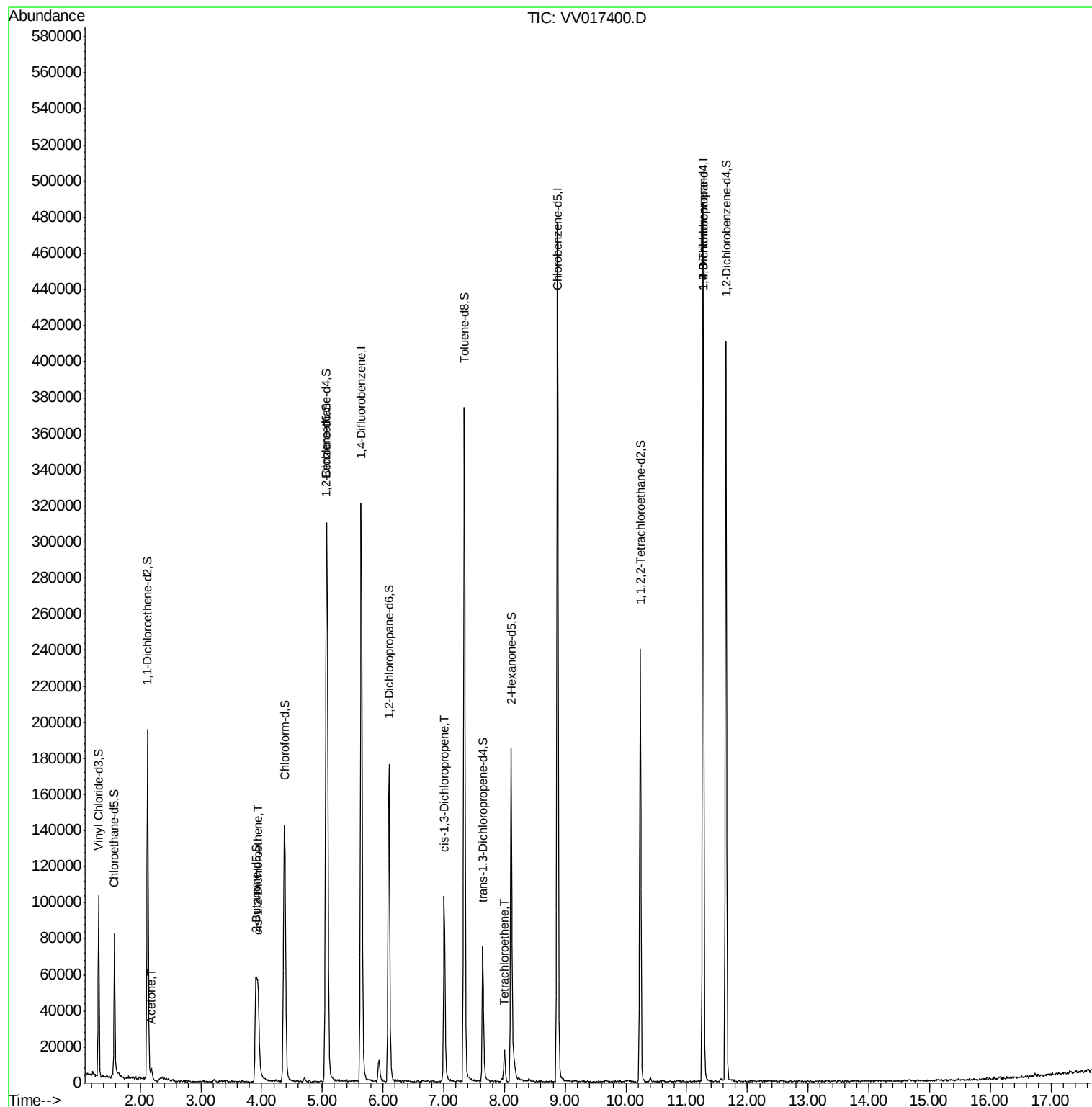
					Ovalue
13) Acetone	2.19	43	8045	6.327 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	21760	11.836 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3035	1.097 ug/L #	74
46) Tetrachloroethene	8.00	164	3647	2.203 ug/L	91
59) 1,2,3-Trichloropropane	11.27	75	12520	5.564 ug/L	91

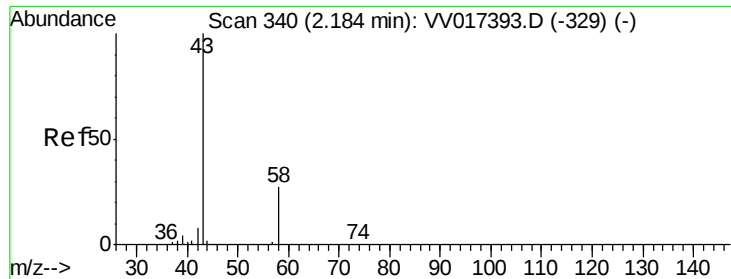
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.327 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017400.D

Acq: 09 Jul 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

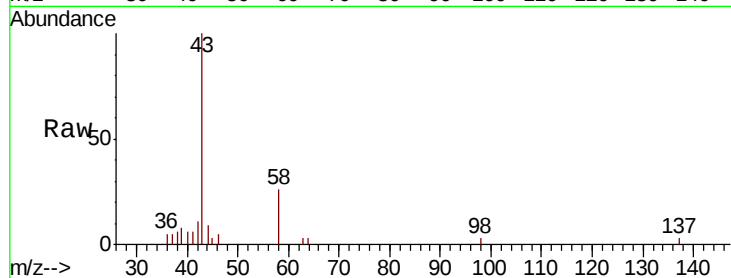
F4A49

Tot Ion: 43 Resp: 8045

Ion Ratio Lower Upper

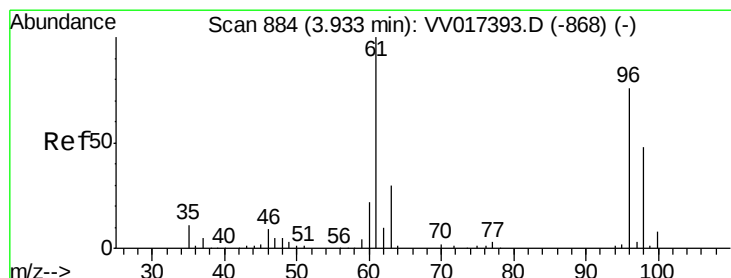
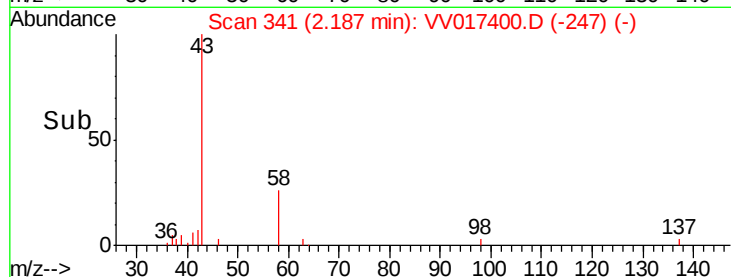
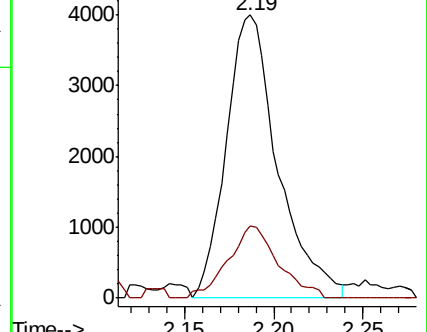
43 100

58 24.3 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017393.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017393.D (-329) (-)



#20

cis-1,2-Dichloroethene

Concen: 11.836 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017400.D

Acq: 09 Jul 2020 16:02

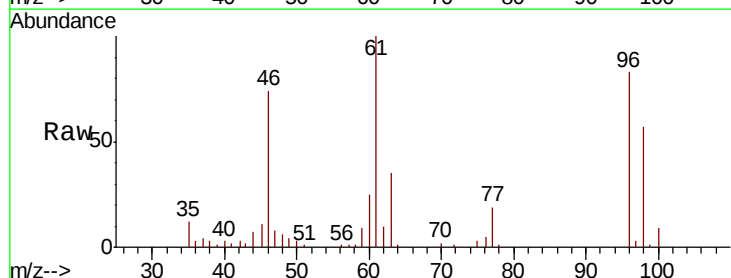
Tgt Ion: 96 Resp: 21760

Ion Ratio Lower Upper

96 100

61 120.5 88.9 165.1

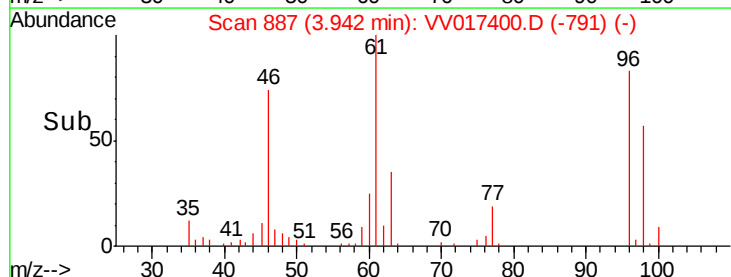
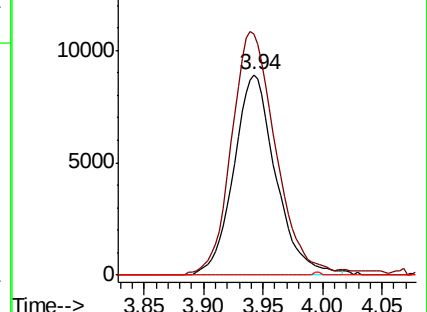
68 0.0 0.0 0.0

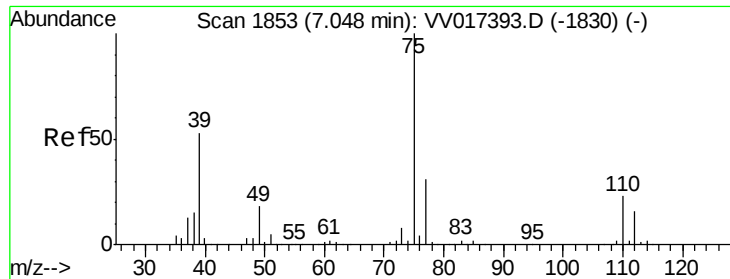


Abundance Ion 96.00 (95.70 to 96.70): VV017393.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017393.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017393.D (-868) (-)

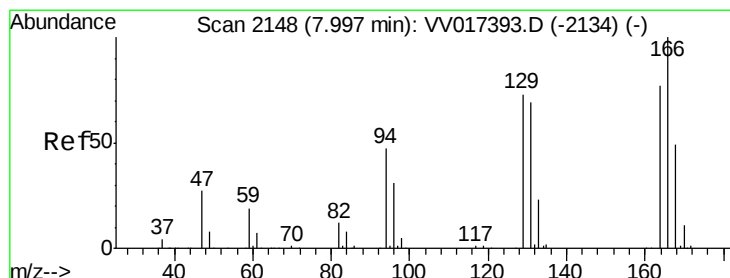
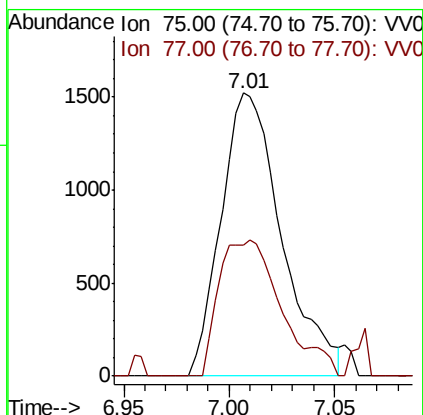
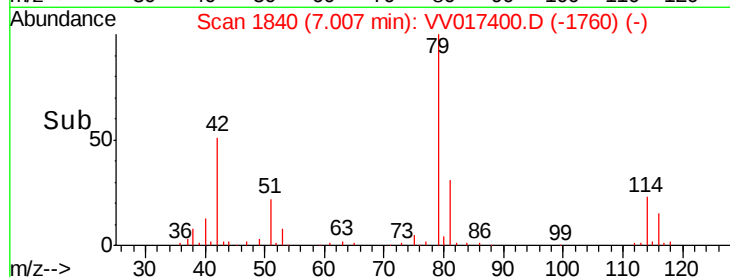
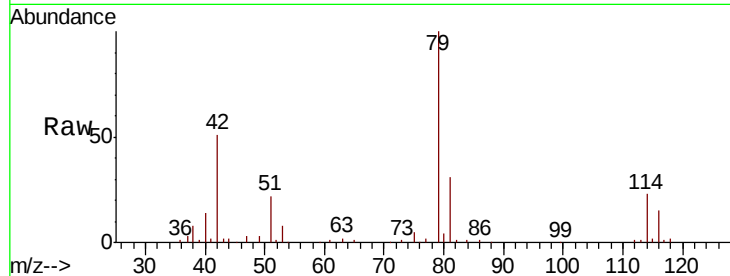




#39
 cis-1,3-Dichloropropene
 Concen: 1.097 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017400.D
 Acq: 09 Jul 2020 16:02

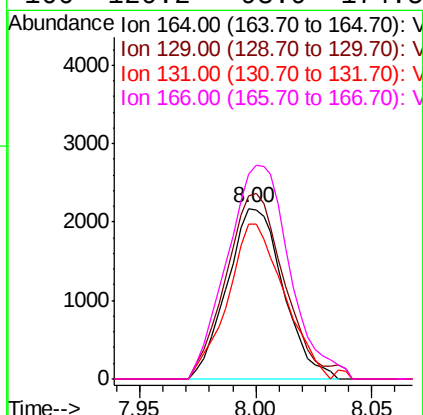
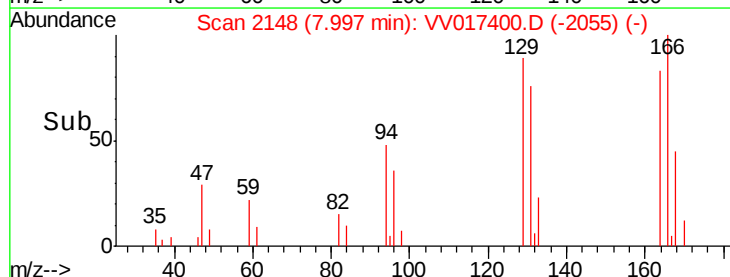
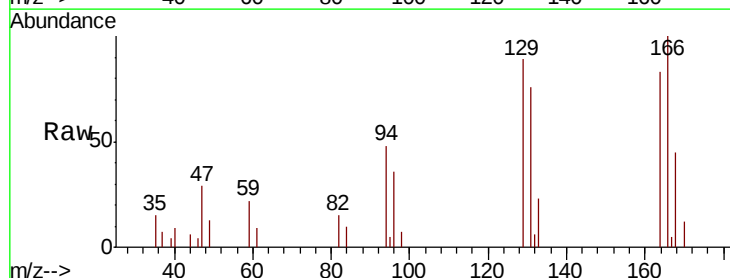
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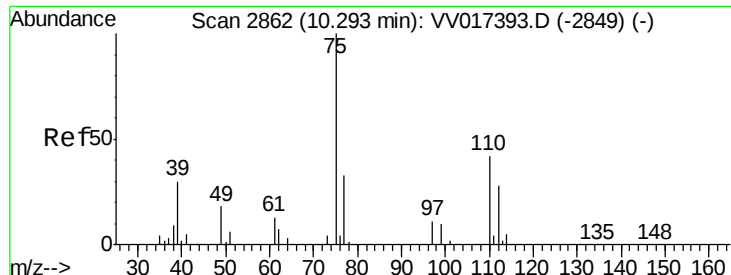
Tot Ion: 75 Resp: 3035
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.2 41.2#



#46
 Tetrachloroethene
 Concen: 2.203 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017400.D
 Acq: 09 Jul 2020 16:02

Tgt Ion:164 Resp: 3647
 Ion Ratio Lower Upper
 164 100
 129 107.0 66.6 123.8
 131 91.0 65.5 121.7
 166 120.2 93.9 174.5





#59

1,2,3-Trichloropropane

Concen: 5.564 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017400.D

Acq: 09 Jul 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

F4A49

Tot Ion: 75 Resp: 12520

Ion Ratio Lower Upper

75 100

77 38.4 26.5 39.7

