

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017405.D
 Acq On : 09 Jul 2020 17:58
 Operator : SY/MD
 Sample : L3254-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A56

Quant Time: Jul 10 04:03:25 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	268641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124318	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59007	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.58	69	44762	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.12	63	99090	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	3.91	46	86569	90.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.63%
24) Chloroform-d	4.38	84	138025	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
26) 1,2-Dichloroethane-d4	5.06	65	104327	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.08	84	251376	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.09	67	74468	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	237874	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.64	79	41483	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	59445	90.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100021	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	102181	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

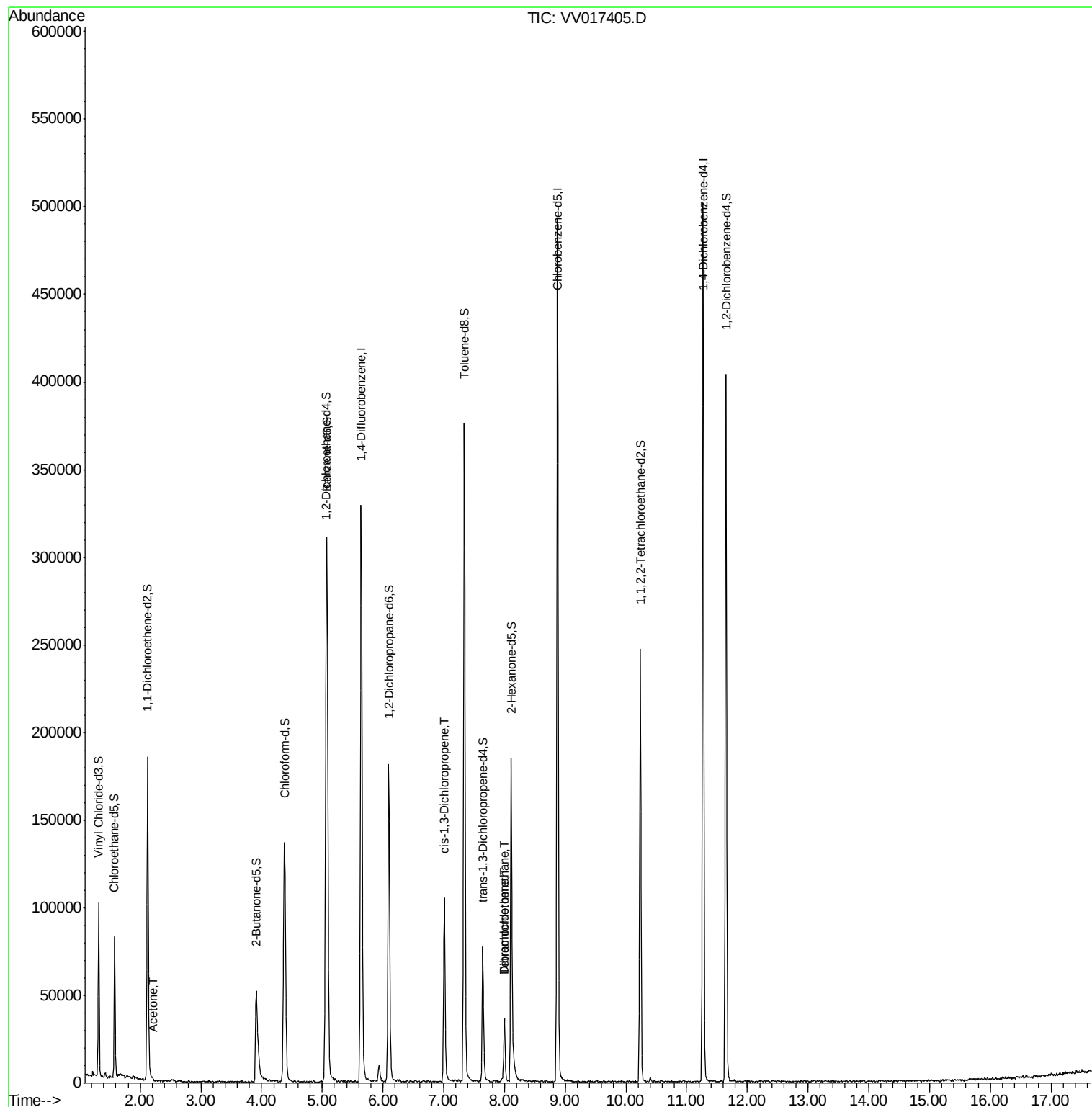
					Ovalue
13) Acetone	2.21	43	1311	1.008 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	2964	1.049 ug/L	83
46) Tetrachloroethene	8.00	164	7815	4.624 ug/L	89
49) Dibromochloromethane	8.00	129	7244	3.227 ug/L #	10

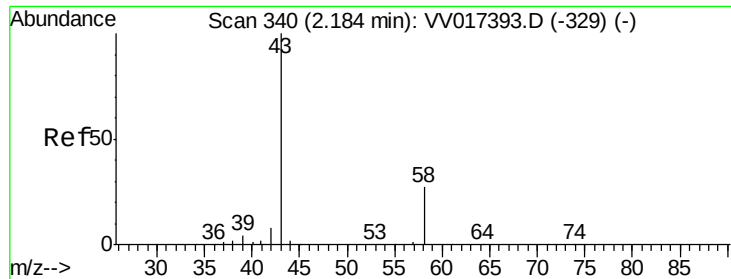
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.008 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

Lab File: VV017405.D

Acq: 09 Jul 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

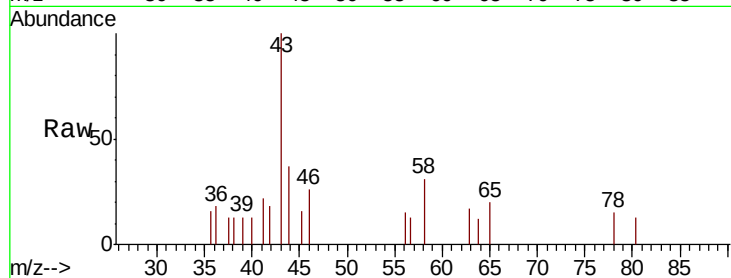
F4A56

Tot Ion: 43 Resp: 1311

Ion Ratio Lower Upper

43 100

58 28.1 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) (-)

2.21

800

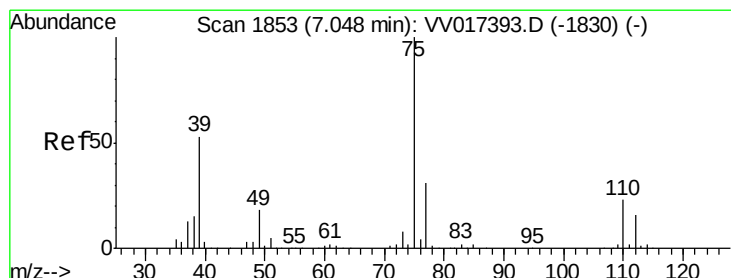
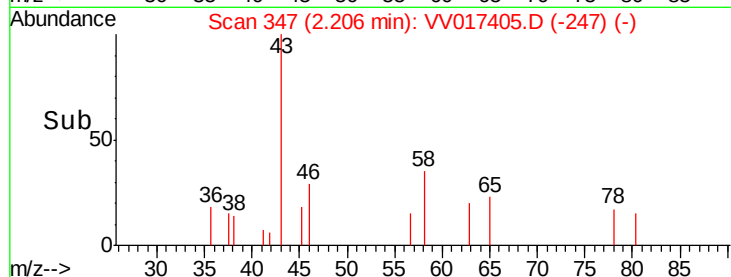
600

400

200

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017405.D

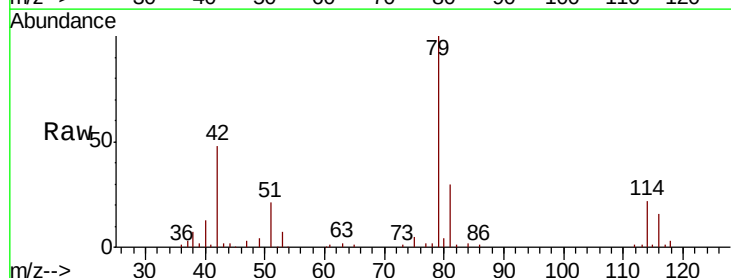
Acq: 09 Jul 2020 17:58

Tgt Ion: 75 Resp: 2964

Ion Ratio Lower Upper

75 100

77 40.9 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV017393.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV017393.D (-1830) (-)

2000

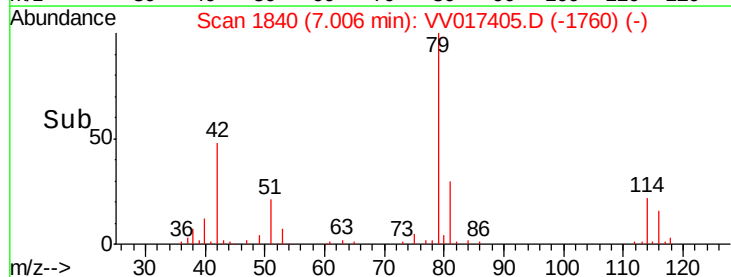
1500

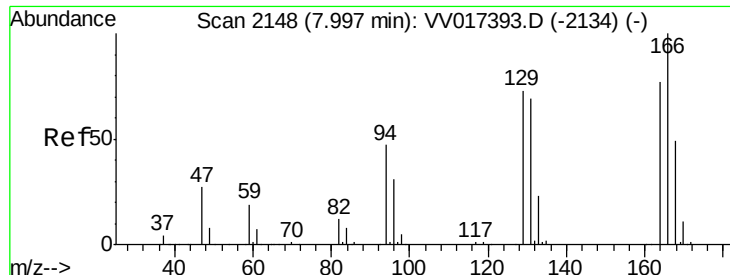
1000

500

0

Time-->





#46

Tetrachloroethene

Concen: 4.624 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017405.D

Acq: 09 Jul 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

F4A56

Tot Ion:164 Resp: 7815

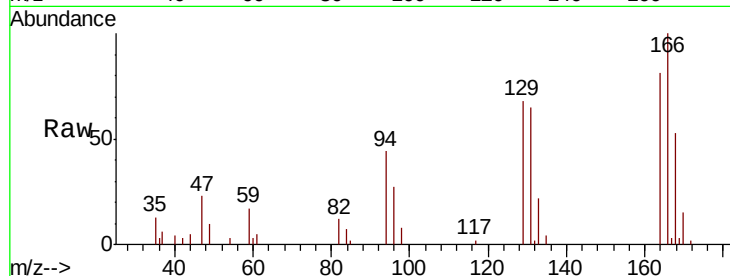
Ion Ratio Lower Upper

164 100

129 84.0 66.6 123.8

131 80.7 65.5 121.7

166 123.6 93.9 174.5

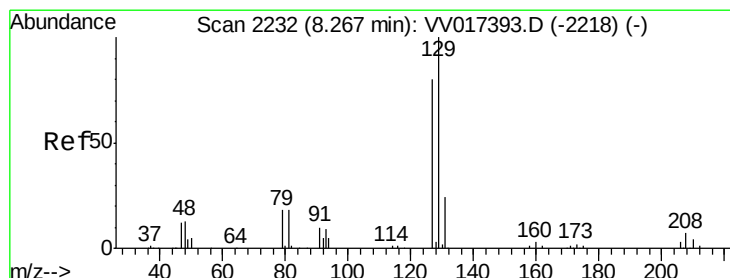
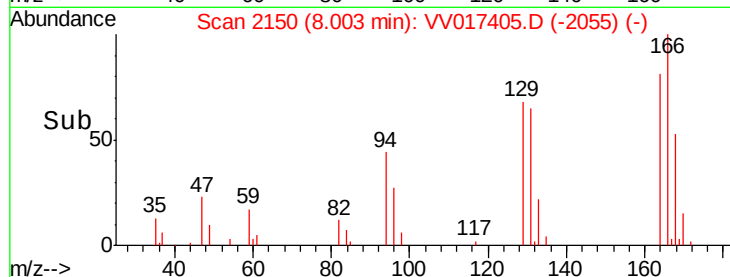
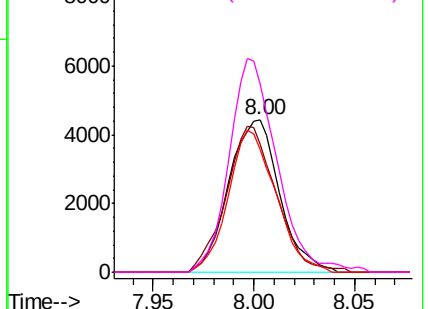


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 3.227 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017405.D

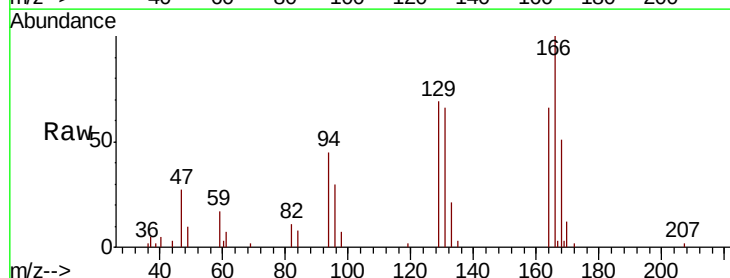
Acq: 09 Jul 2020 17:58

Tgt Ion:129 Resp: 7244

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

