

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017443.D
 Acq On : 10 Jul 2020 16:29
 Operator : SY/MD
 Sample : L3270-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A01

Quant Time: Jul 11 00:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53159	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.46%
7) Chloroethane-d5	1.58	69	42170	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.46%
11) 1,1-Dichloroethene-d2	2.12	63	97463	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	3.91	46	92108	98.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.38	84	142214	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.06	65	106522	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
32) Benzene-d6	5.08	84	250339	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	73613	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.34	98	234863	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	7.64	79	41005	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.11	63	59189	92.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98915	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	102716	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

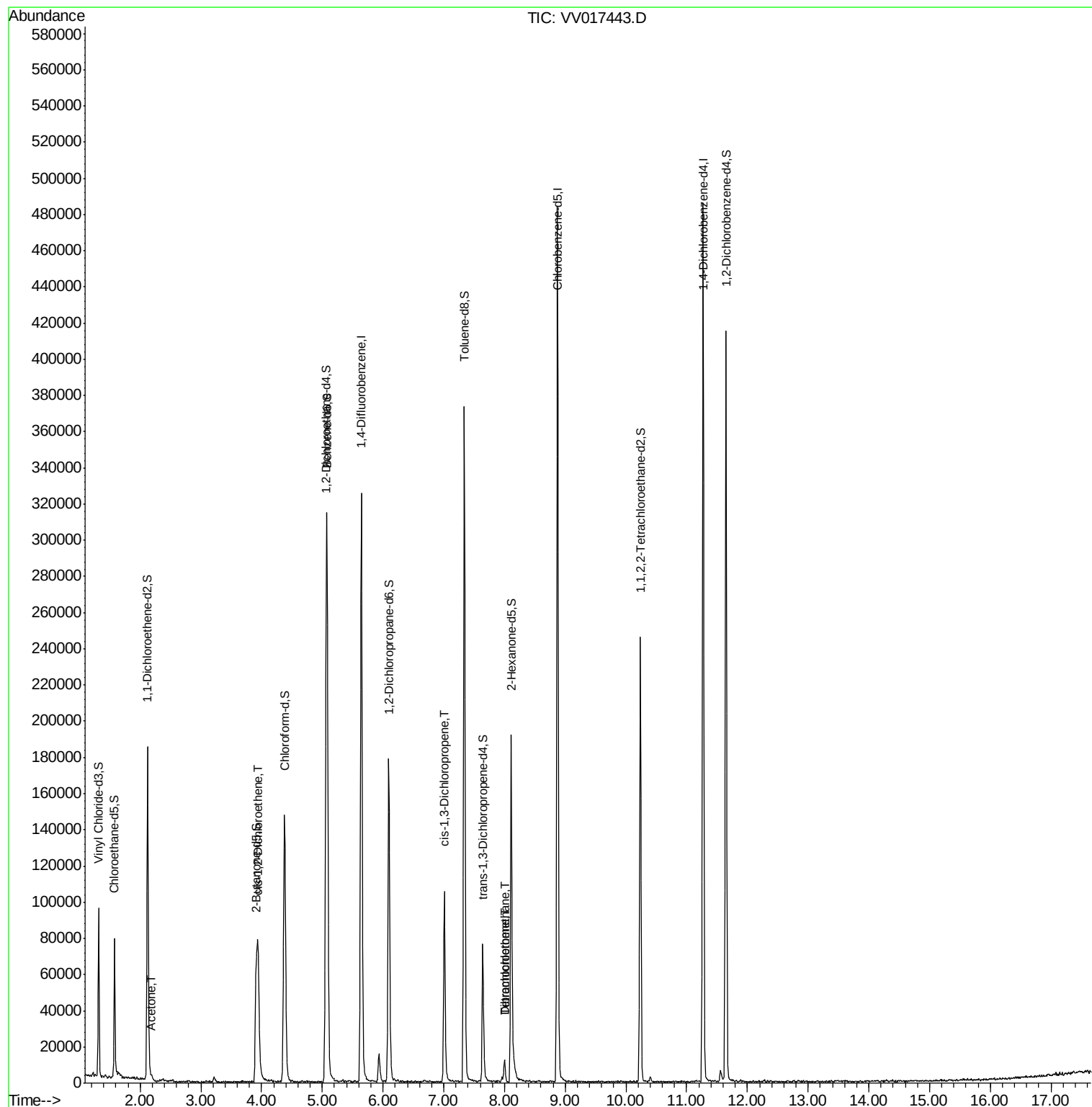
					Ovalue
13) Acetone	2.19	43	2787	2.184 ug/L	84
20) cis-1,2-Dichloroethene	3.94	96	32807	17.779 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	3141	1.139 ug/L #	76
46) Tetrachloroethene	8.00	164	2627	1.593 ug/L	88
49) Dibromochloromethane	8.00	129	2546	1.162 ug/L #	10

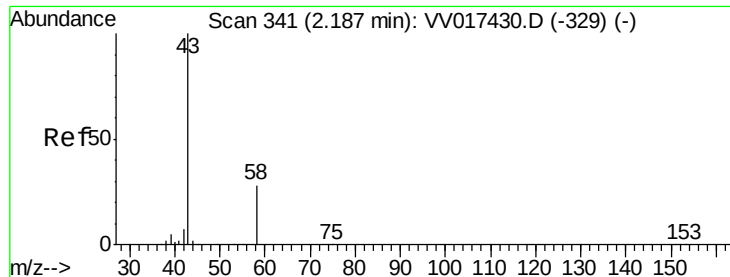
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.184 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017443.D

Acq: 10 Jul 2020 16:29

Instrument :

MSVOA_V

ClientSampleId :

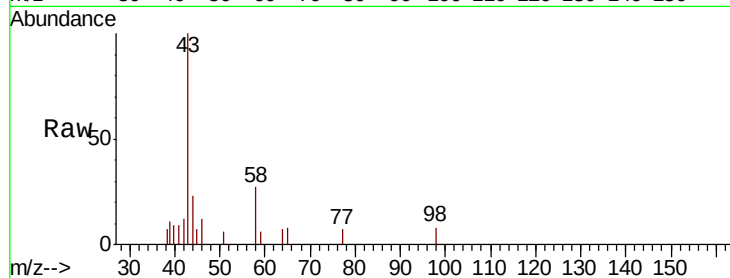
F4A01

Tot Ion: 43 Resp: 2787

Ion Ratio Lower Upper

43 100

58 19.7 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1500

1000

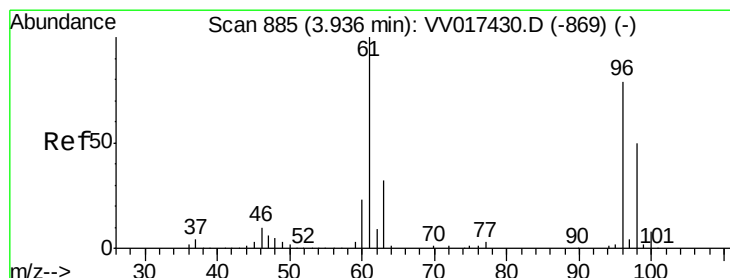
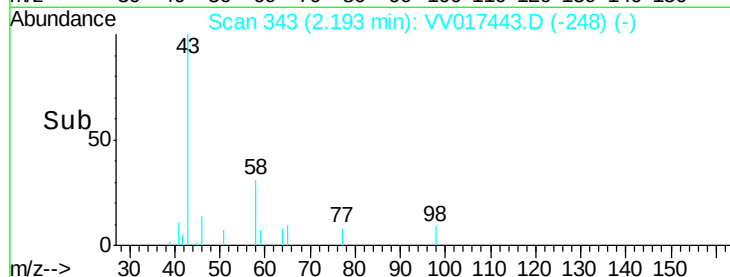
500

0

Time-->

2.15

2.20



#20

cis-1,2-Dichloroethene

Concen: 17.779 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017443.D

Acq: 10 Jul 2020 16:29

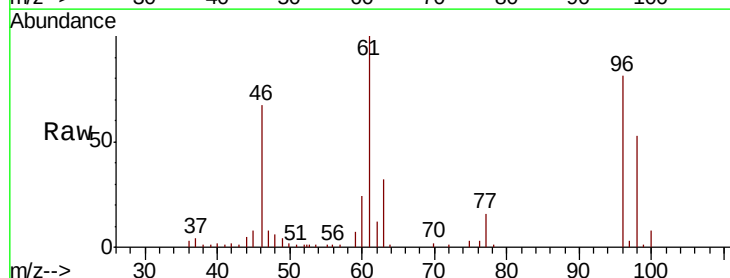
Tgt Ion: 96 Resp: 32807

Ion Ratio Lower Upper

96 100

61 123.7 88.9 165.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

3.94

20000

15000

10000

5000

0

Time-->

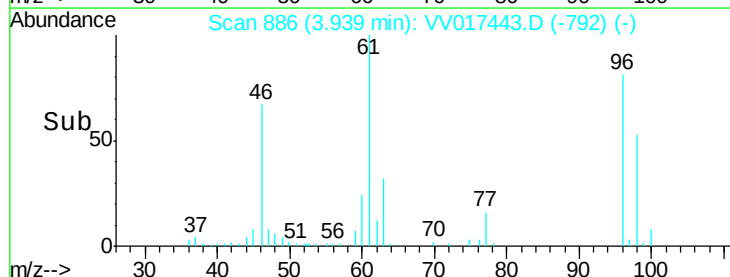
3.85

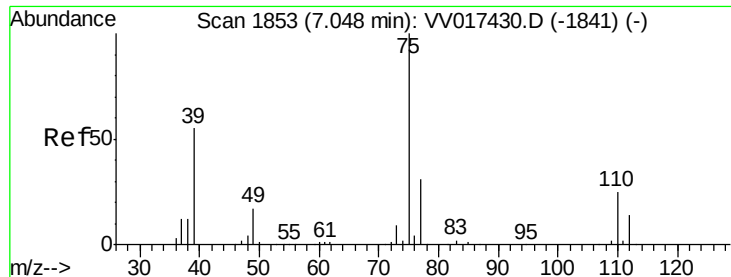
3.90

3.95

4.00

4.05





#39

cis-1,3-Dichloropropene

Concen: 1.139 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017443.D

Acq: 10 Jul 2020 16:29

Instrument :

MSVOA_V

ClientSampleId :

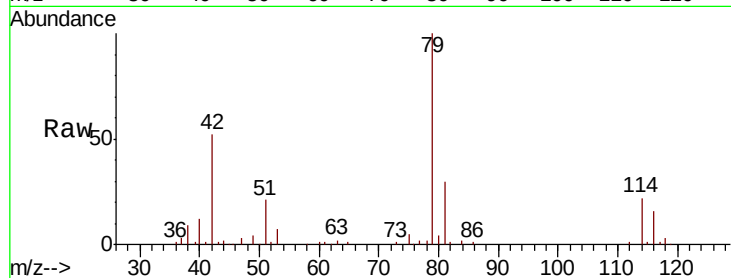
F4A01

Tot Ion: 75 Resp: 3141

Ion Ratio Lower Upper

75 100

77 44.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV017430.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV017430.D (-1841) (-)

7.01

2000

1500

1000

500

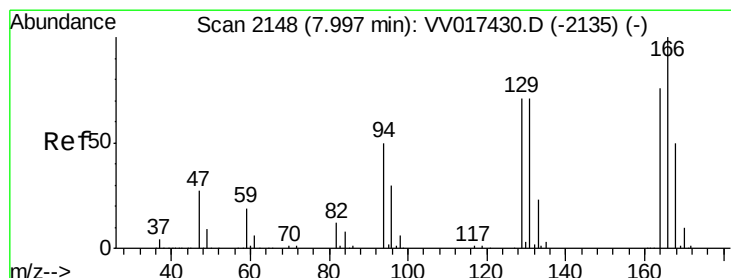
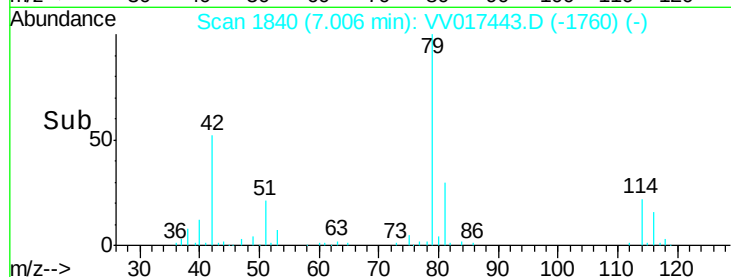
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 1.593 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017443.D

Acq: 10 Jul 2020 16:29

Tgt Ion: 164 Resp: 2627

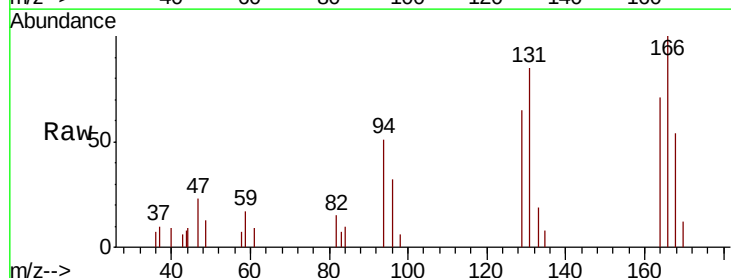
Ion Ratio Lower Upper

164 100

129 91.8 66.6 123.8

131 119.9 65.5 121.7

166 141.6 93.9 174.5



Abundance Ion 164.00 (163.70 to 164.70): VV017430.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV017430.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV017430.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV017430.D (-2135) (-)

3000

2500

2000

1500

1000

500

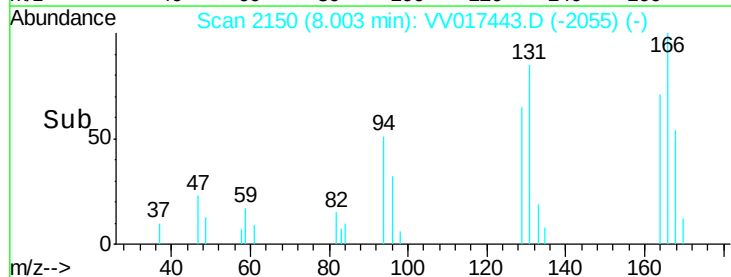
0

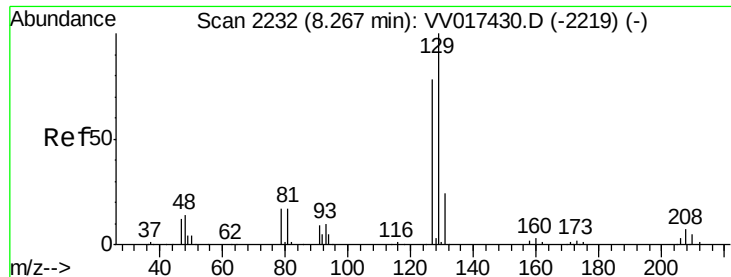
7.95

8.00

8.05

Time-->





#49

Dibromochloromethane

Concen: 1.162 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017443.D

Acq: 10 Jul 2020 16:29

Instrument :

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ClientSampleId :

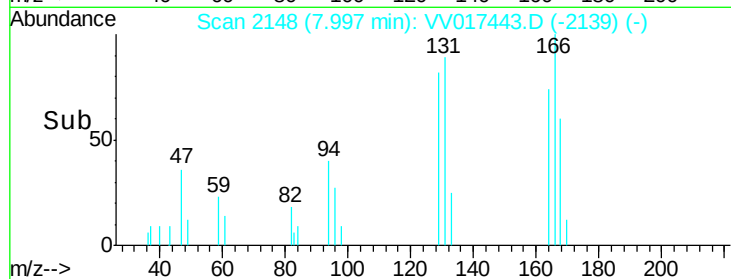
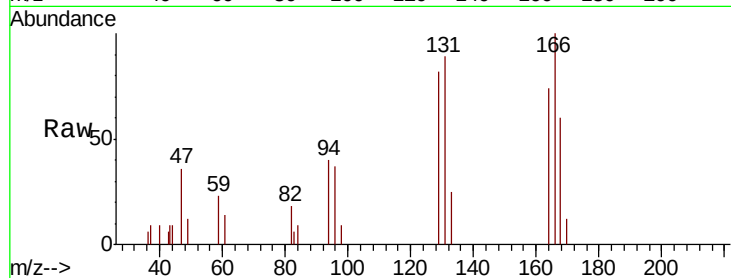
F4A01

Tot Ion:129 Resp: 2546

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

