

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\
 Data File : VV011935.D
 Acq On : 18 Jul 2019 15:52
 Operator : SY/MD
 Sample : K3823-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q2

Quant Time: Jul 19 06:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 19 05:34:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159807	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38789	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.59	69	31762	3.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.40%
11) 1,1-Dichloroethene-d2	2.13	63	57693	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	134180	45.27	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	4.40	84	110950	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	59785	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	222563	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	69861	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	194567	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	23103	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	94357	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39852	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76373	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

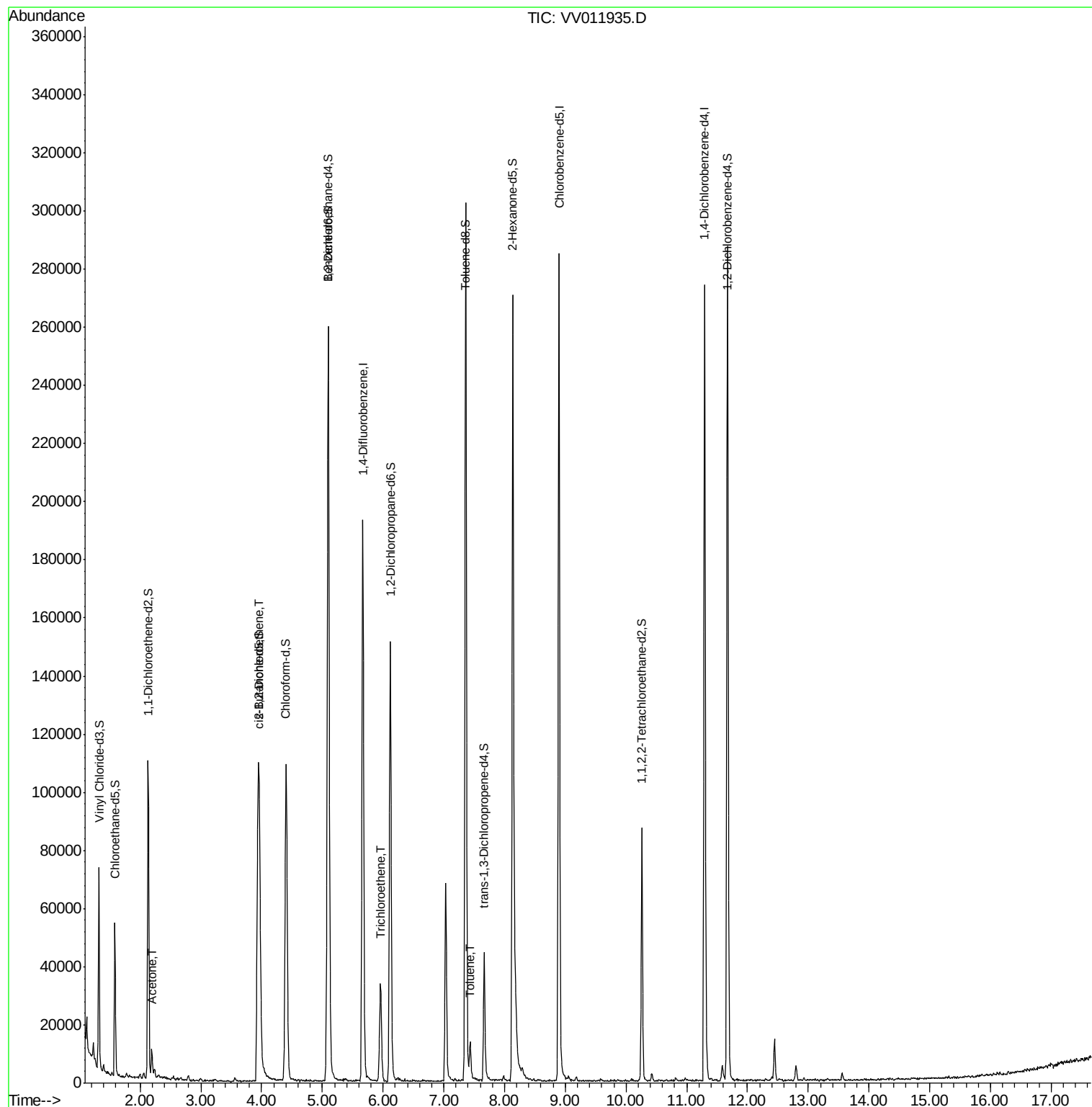
					Ovalue
13) Acetone	2.19	43	8978	5.968	ug/L 96
22) cis-1,2-Dichloroethene	3.97	96	36986	3.000	ug/L 91
34) Trichloroethene	5.96	95	8885	0.655	ug/L 95
42) Toluene	7.43	91	8695	0.170	ug/L 92

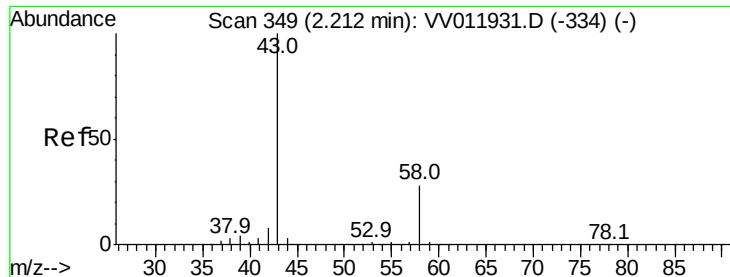
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.968 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

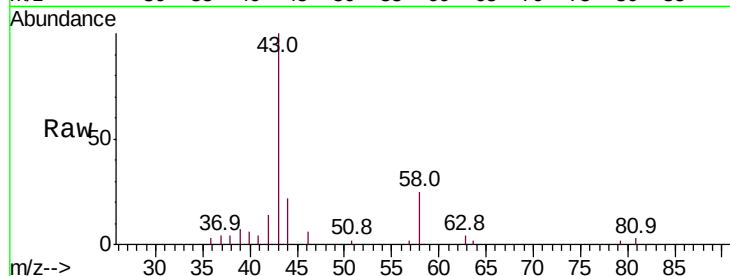
Instrument :
MSVOA_V
ClientSampleId :
A52Q2

Tot Ion: 43 Resp: 8978

Ion Ratio Lower Upper

43 100

58 25.7 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV011935.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV011935.D (-256) (-)

2.19

6000

5000

4000

3000

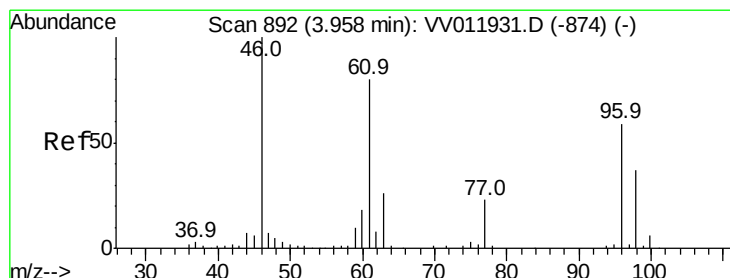
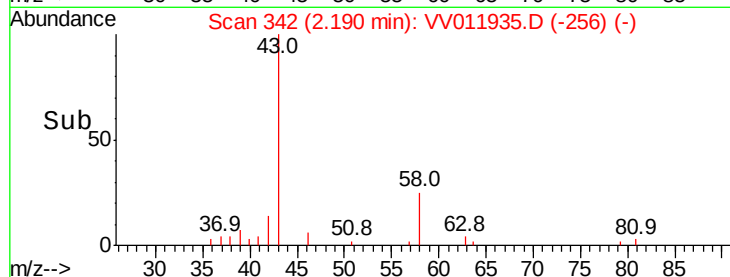
2000

1000

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 3.000 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV011935.D

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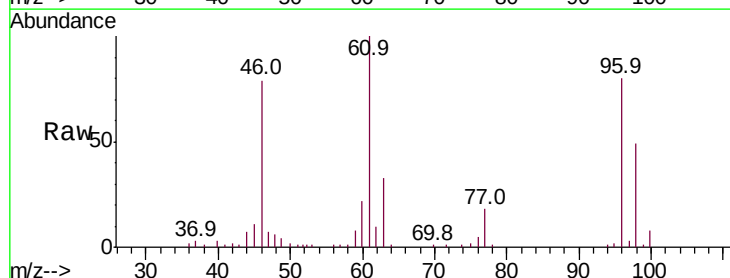
Tgt Ion: 96 Resp: 36986

Ion Ratio Lower Upper

96 100

61 124.7 95.2 176.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011935.D (-799) (-)

Ion 61.05 (60.75 to 61.75): VV011935.D (-799) (-)

Ion 68.15 (67.85 to 68.85): VV011935.D (-799) (-)

3.97

25000

20000

15000

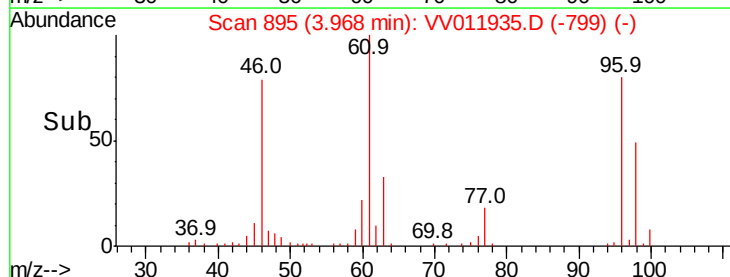
10000

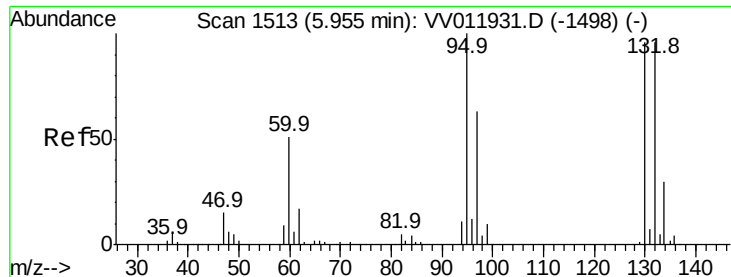
5000

0

Time-->

3.90 3.95 4.00 4.05





#34

Trichloroethene

Concen: 0.655 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Instrument :

MSVOA_V

ClientSampleId :

A52Q2

Tot Ion: 95 Resp: 8885

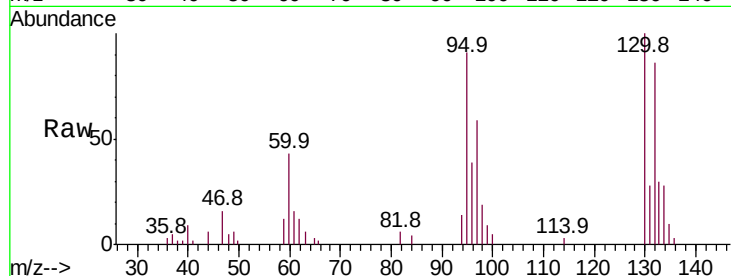
Ion Ratio Lower Upper

95 100

97 65.1 44.0 81.6

132 95.2 67.0 124.4

130 110.2 69.1 128.3

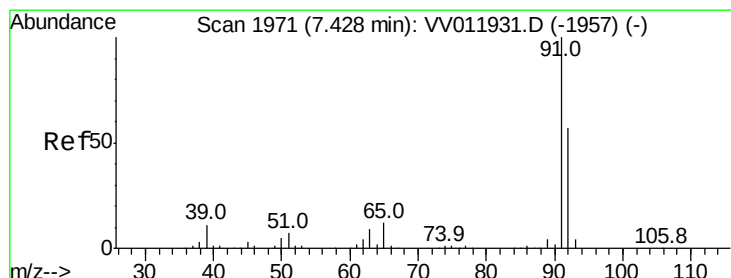
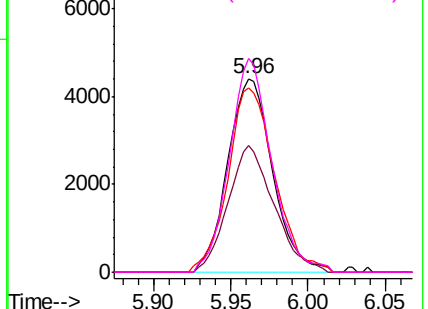
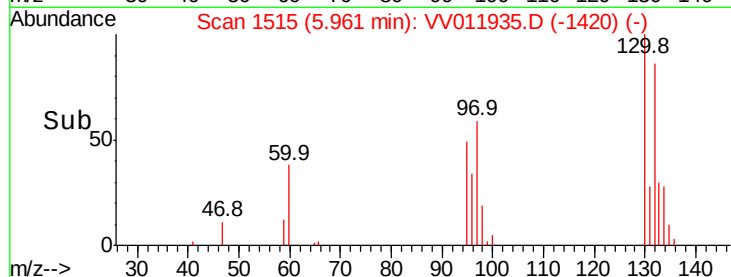


Abundance Ion 95.00 (94.70 to 95.70): VV011935.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011935.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011935.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011935.D (-1420) (-)



#42

Toluene

Concen: 0.170 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV011935.D

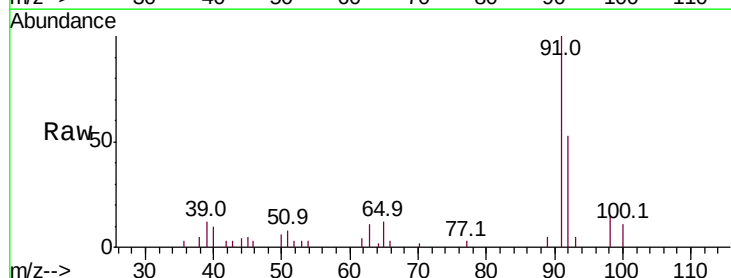
Acq: 18 Jul 2019 15:52

Tgt Ion: 91 Resp: 8695

Ion Ratio Lower Upper

91 100

92 52.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV011935.D (-1878) (-)

Ion 92.15 (91.85 to 92.85): VV011935.D (-1878) (-)

