

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091119\
 Data File : VV012675.D
 Acq On : 11 Sep 2019 16:12
 Operator : SY/MD
 Sample : K4809-04DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDC1DL

Quant Time: Sep 12 11:46:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 12 07:16:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170051	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150796	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.55	69	60985	2.82	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.40%#
11) 1,1-Dichloroethene-d2	2.12	63	191788	4.54	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.94	46	255496	40.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.20%
24) Chloroform-d	4.39	84	232750	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	131745	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.09	84	523959	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.11	67	164488	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.36	98	427422	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	49325	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.13	63	185864	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108495	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	171971	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

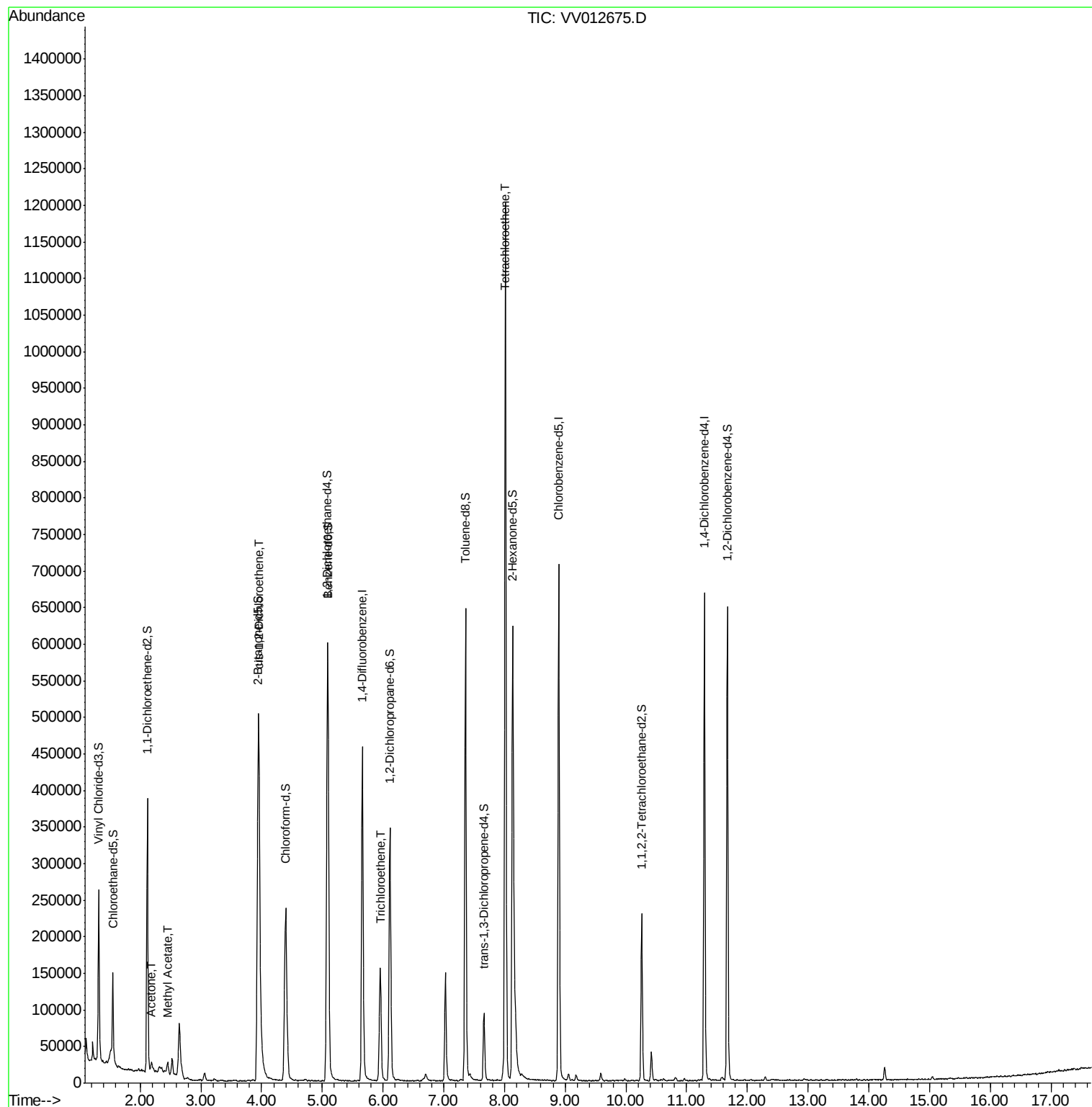
					Ovalue
13) Acetone	2.19	43	11333	3.072	ug/L 97
15) Methyl Acetate	2.45	43	16670	1.680	ug/L 98
22) cis-1,2-Dichloroethene	3.95	96	188851	6.456	ug/L 100
34) Trichloroethene	5.96	95	47229	1.511	ug/L 98
47) Tetrachloroethene	8.02	164	278294	11.339	ug/L 98

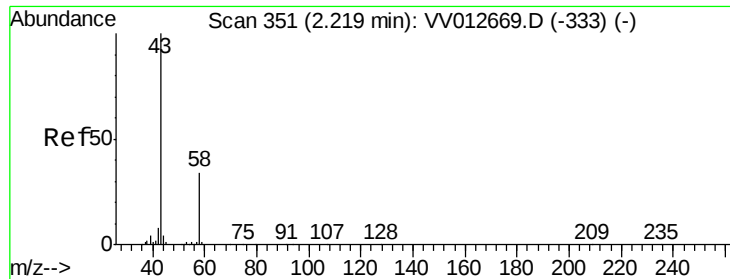
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.072 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV012675.D

Acq: 11 Sep 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

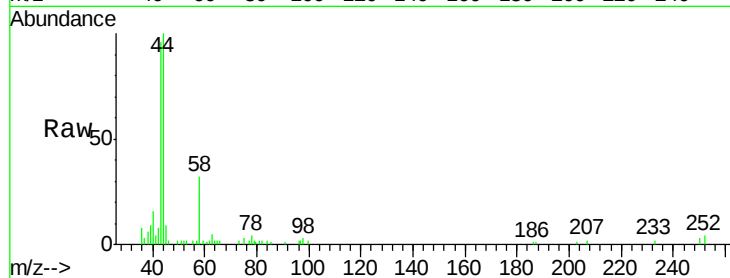
BFDC1DL

Tot Ion: 43 Resp: 11333

Ion Ratio Lower Upper

43 100

58 35.7 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

8000

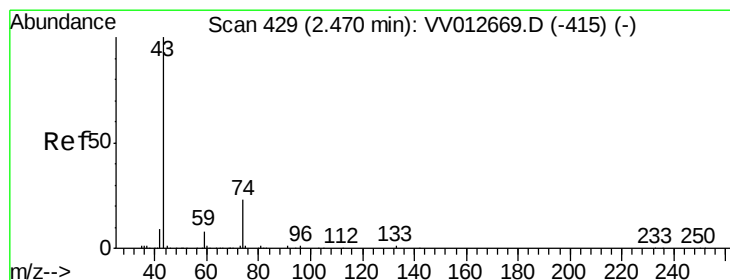
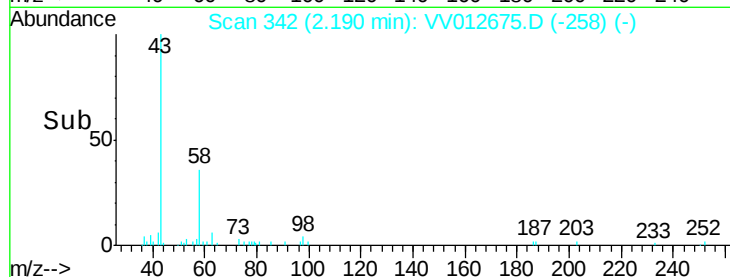
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 1.680 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.02 min

Lab File: VV012675.D

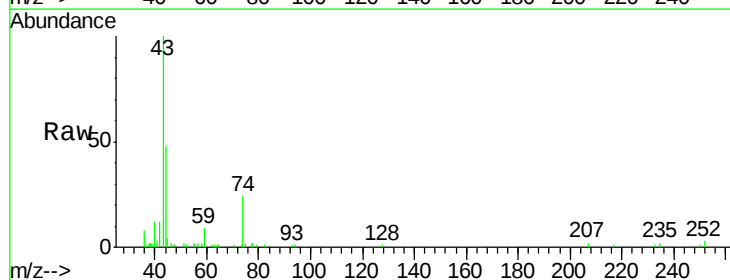
Acq: 11 Sep 2019 16:12

Tgt Ion: 43 Resp: 16670

Ion Ratio Lower Upper

43 100

74 25.8 19.8 29.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.45

12000

10000

8000

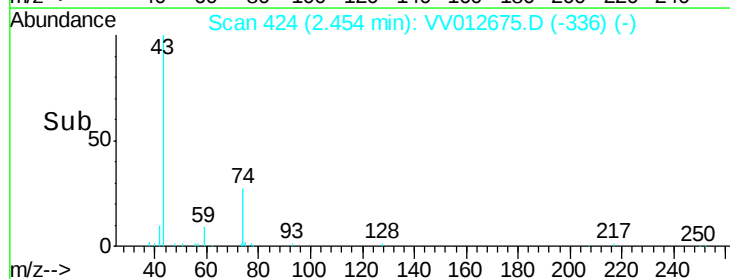
6000

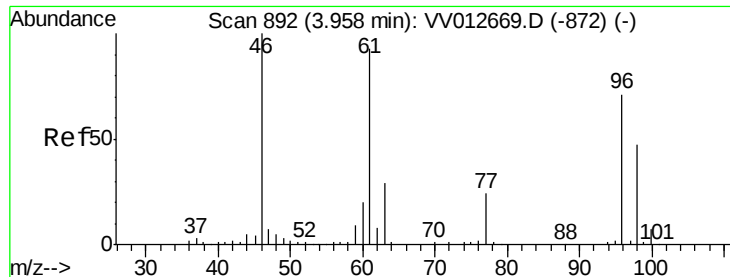
4000

2000

0

Time--> 2.40 2.45 2.50



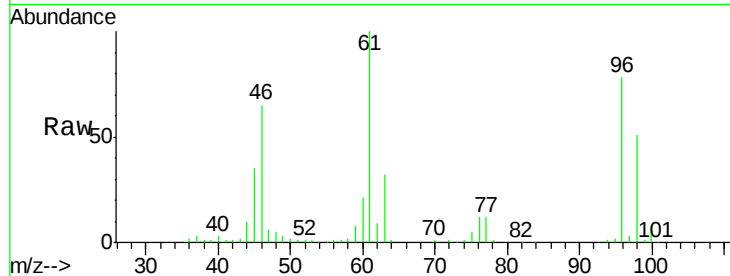


#22

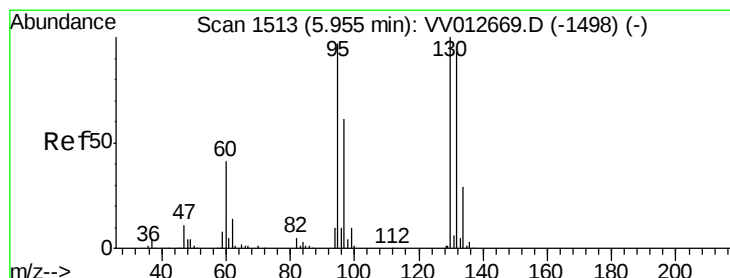
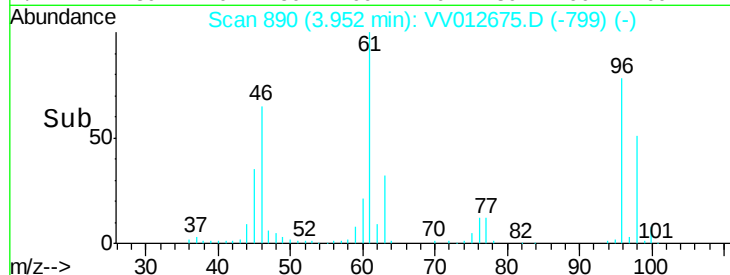
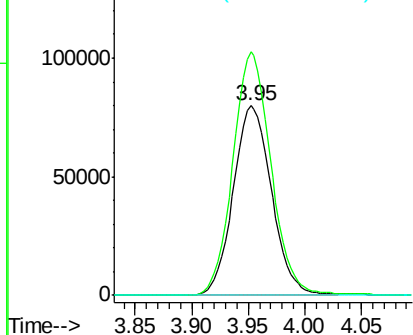
cis-1,2-Dichloroethene
Concen: 6.456 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampled :
BFDC1DL

Tot Ion: 96 Resp: 188851
Ion Ratio Lower Upper
96 100
61 128.4 89.7 166.5
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

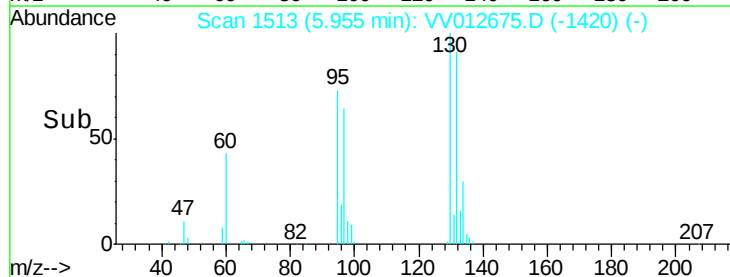
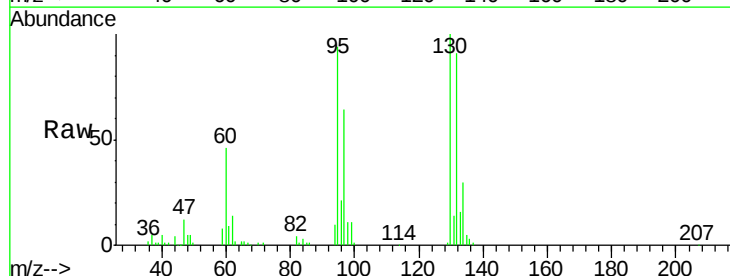
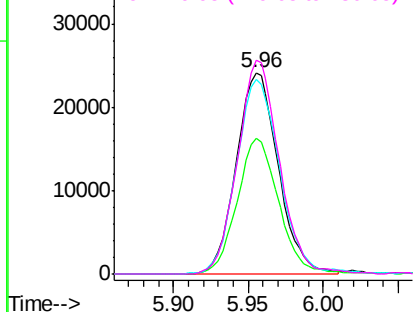


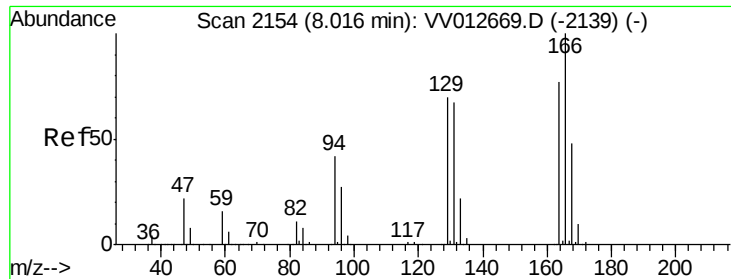
#34

Trichloroethene
Concen: 1.511 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 95 Resp: 47229
Ion Ratio Lower Upper
95 100
97 67.5 45.4 84.2
132 96.6 70.2 130.4
130 106.0 74.2 137.8

Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 11.339 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012675.D

Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tot Ion:164 Resp: 278294

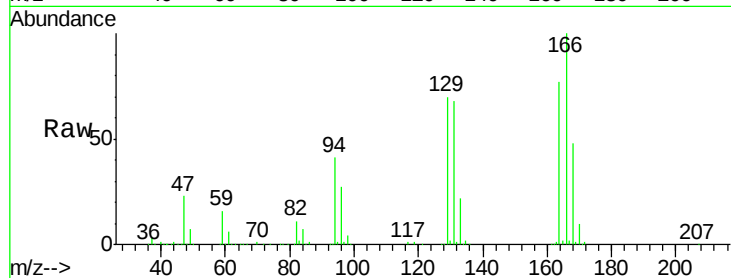
Ion Ratio Lower Upper

164 100

129 90.6 61.9 114.9

131 87.9 59.7 110.9

166 129.2 90.4 167.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

