

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012407.D
 Acq On : 26 Aug 2019 17:43
 Operator : SY/MD
 Sample : K4501-05
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANMO

Quant Time: Aug 27 04:08:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48870	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	34355	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	64299	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.95	46	145583	47.78	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	4.40	84	118340	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	59811	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	233125	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.12	67	74394	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	196502	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.67	79	23459	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.14	63	89250	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45498	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	70435	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

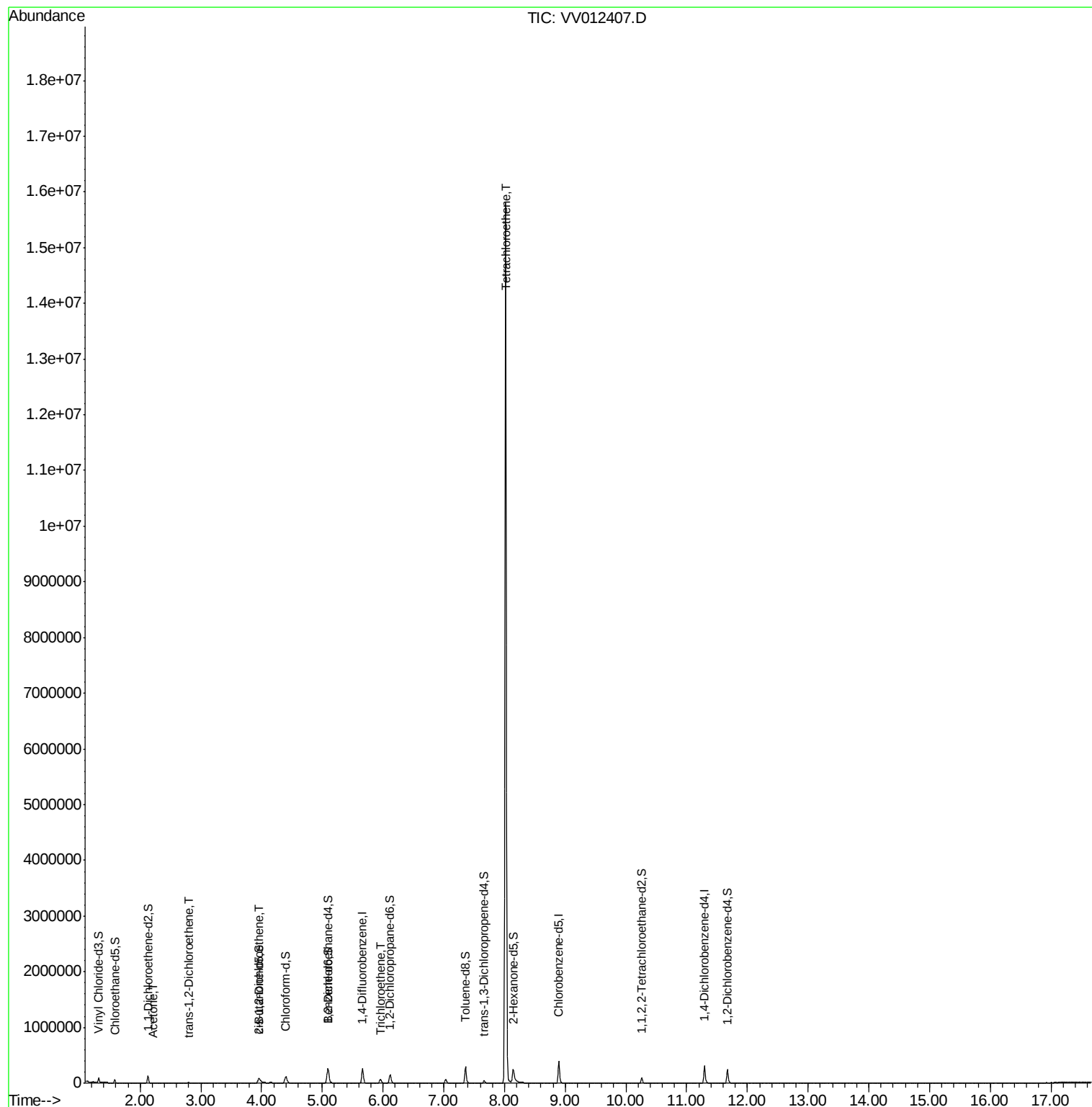
					Ovalue
13) Acetone	2.22	43	6022	4.568	ug/L 75
18) trans-1,2-Dichloroethene	2.79	96	2185	0.162	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	6536	0.444	ug/L 95
34) Trichloroethene	5.96	95	21360	1.409	ug/L 92
47) Tetrachloroethene	8.02	164	3496210	285.816	ug/L 97

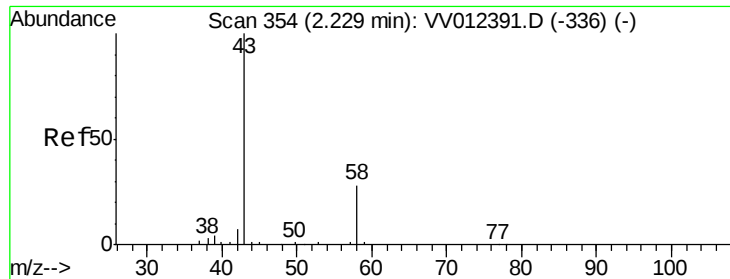
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.568 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV012407.D

Acq: 26 Aug 2019 17:43

Instrument :

MSVOA_V

ClientSampled :

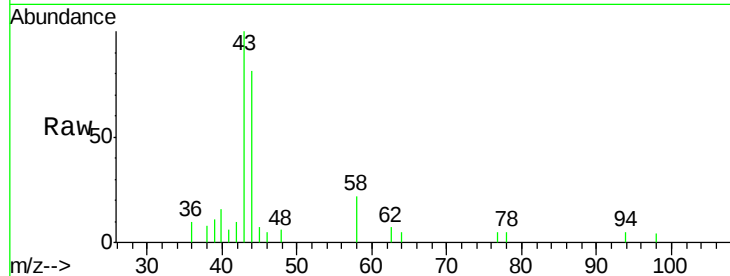
GANM0

Tot Ion: 43 Resp: 6022

Ion Ratio Lower Upper

43 100

58 17.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

2500

2000

1500

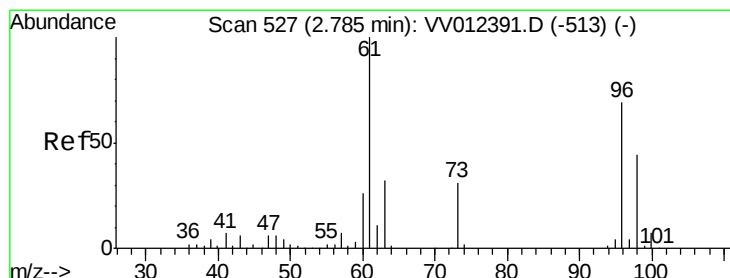
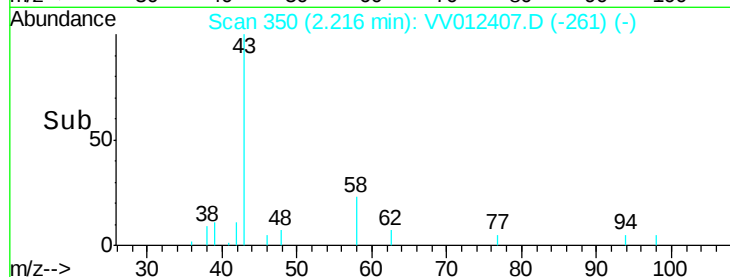
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#18

trans-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012407.D

Acq: 26 Aug 2019 17:43

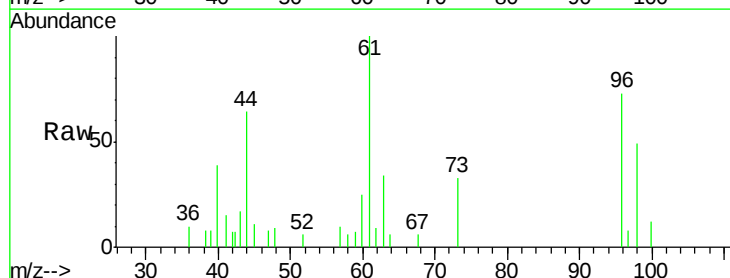
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 136.8 96.0 178.4

98 66.9 42.1 78.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

2.79

2500

2000

1500

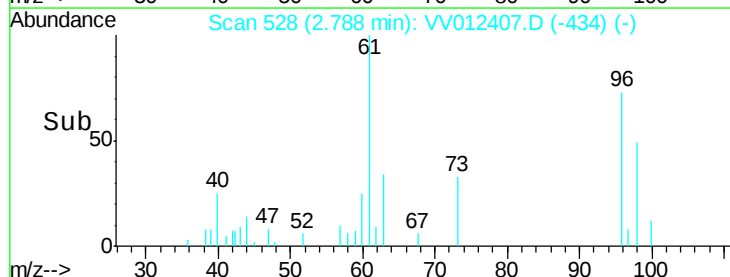
1000

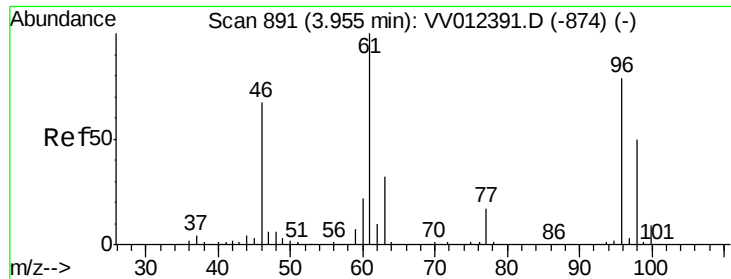
500

0

Time-->

2.75 2.80



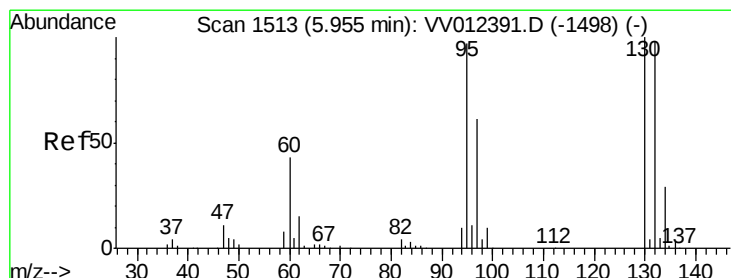
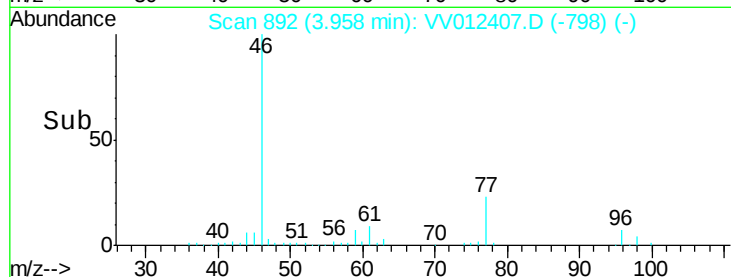
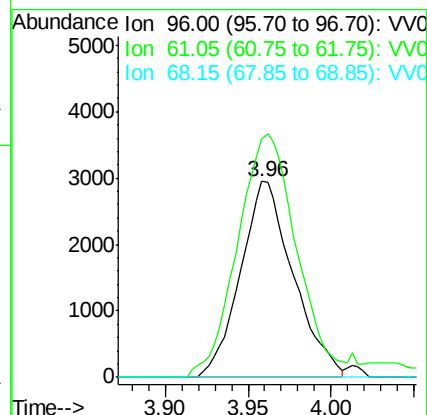
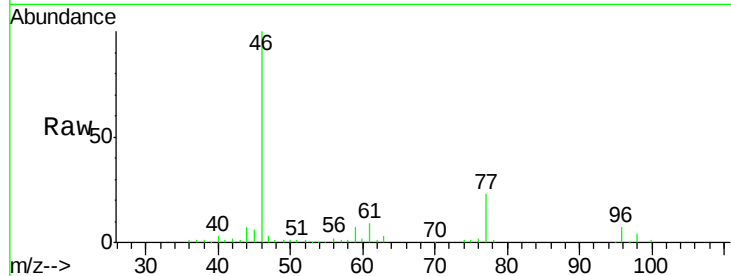


#22

cis-1,2-Dichloroethene
 Concen: 0.444 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV012407.D
 Acq: 26 Aug 2019 17:43

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM0

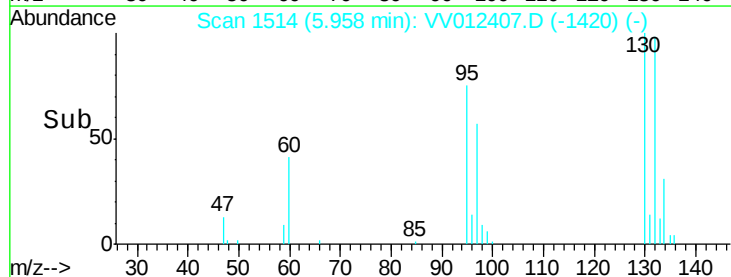
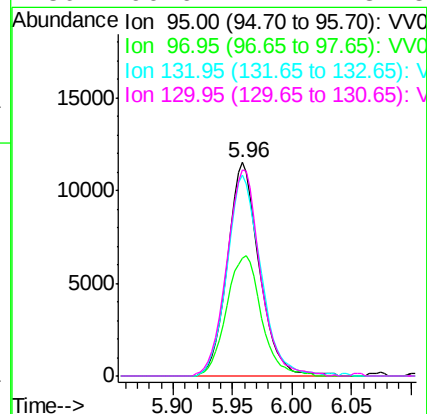
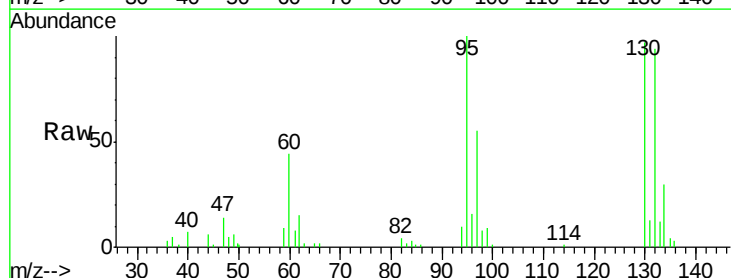
Tot Ion: 96 Resp: 6536
 Ion Ratio Lower Upper
 96 100
 61 121.6 89.4 166.0
 68 0.0 0.0 0.0

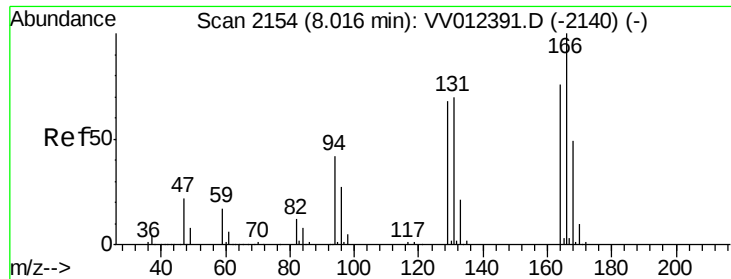


#34

Trichloroethene
 Concen: 1.409 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012407.D
 Acq: 26 Aug 2019 17:43

Tgt Ion: 95 Resp: 21360
 Ion Ratio Lower Upper
 95 100
 97 55.1 46.3 86.1
 132 94.3 70.3 130.7
 130 96.6 72.4 134.5





#47

Tetrachloroethene

Concen: 285.816 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012407.D

Acq: 26 Aug 2019 17:43

Instrument :
MSVOA_V
ClientSampleId :
GANM0

Tot Ion:164 Resp: 3496210

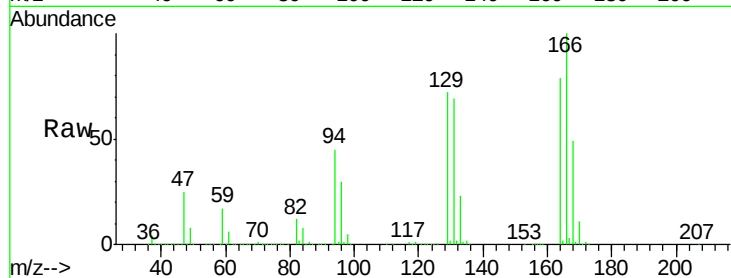
Ion Ratio Lower Upper

164 100

129 90.9 60.6 112.6

131 87.7 58.8 109.2

166 126.8 87.6 162.8



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

