

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013344.D
 Acq On : 25 Oct 2019 14:35
 Operator : SY/MD
 Sample : K5457-06
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K11

Quant Time: Oct 26 01:18:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	444588	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	479721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	251732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196630	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	156881	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	236496	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	3.96	46	392375	62.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.66%
24) Chloroform-d	4.40	84	362686	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	181208	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	811632	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	236228	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	704734	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	79800	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	261583	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155819	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	274268	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

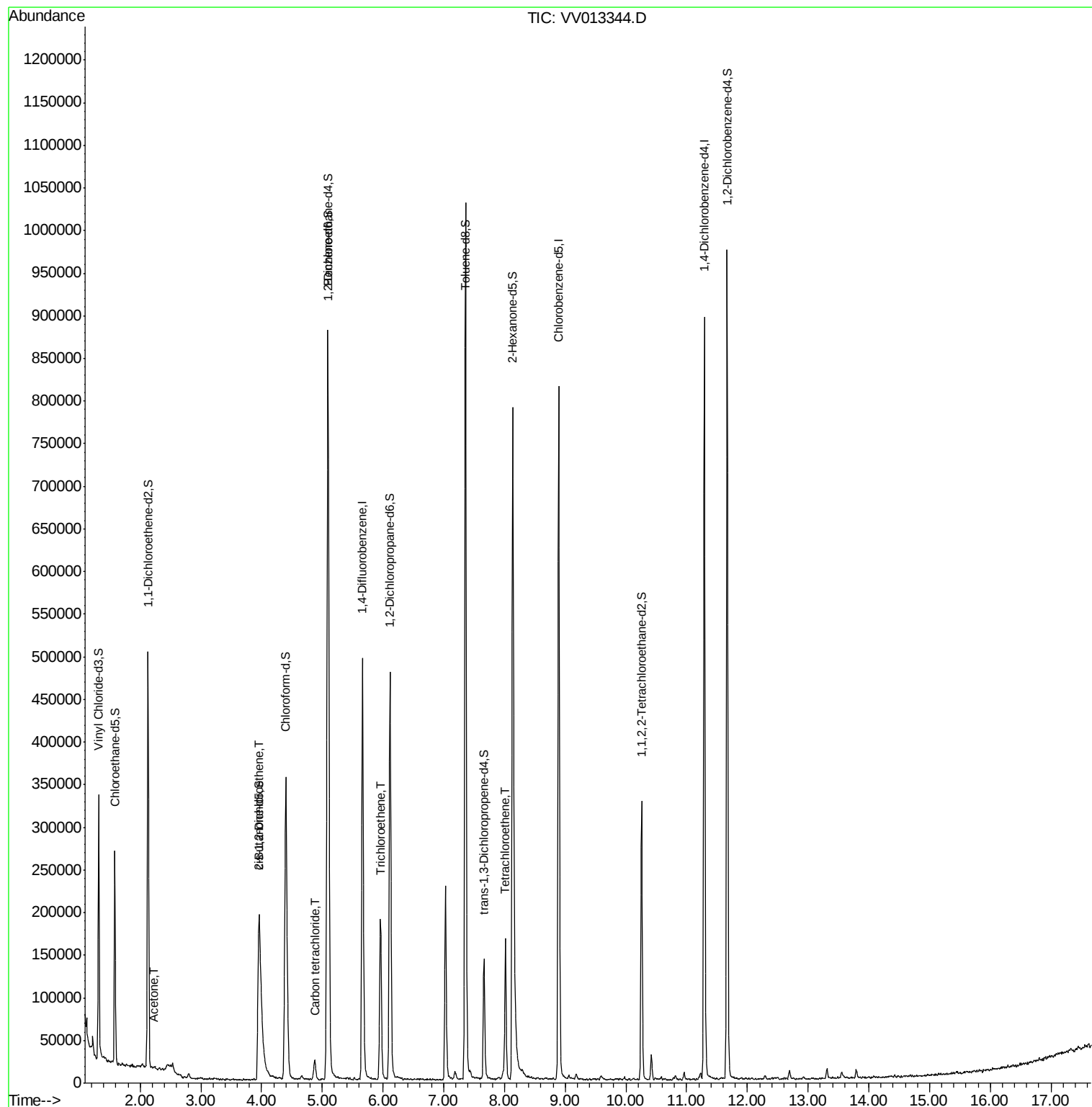
					Ovalue
13) Acetone	2.22	43	5295	1.627 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	11007	0.250 ug/L #	91
31) Carbon tetrachloride	4.88	117	16536	0.260 ug/L	95
34) Trichloroethene	5.96	95	62155	1.265 ug/L	95
47) Tetrachloroethene	8.02	164	40926	0.917 ug/L	96

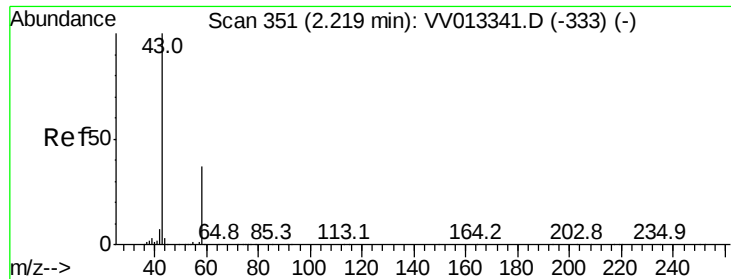
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.627 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV013344.D

Acq: 25 Oct 2019 14:35

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MSVOA_V

ClientSampleId :

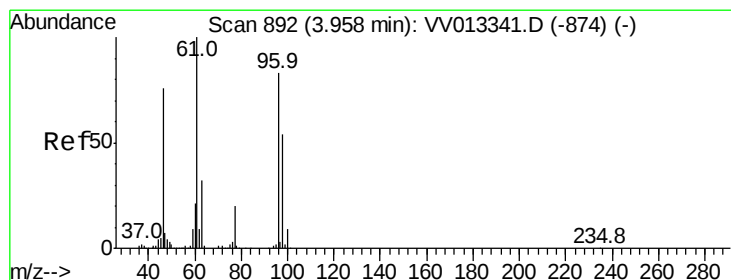
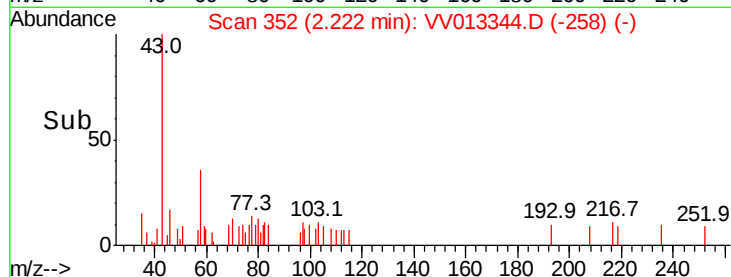
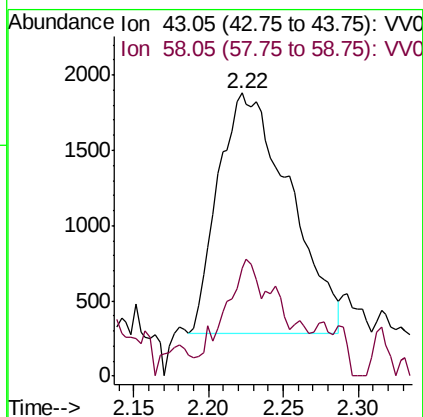
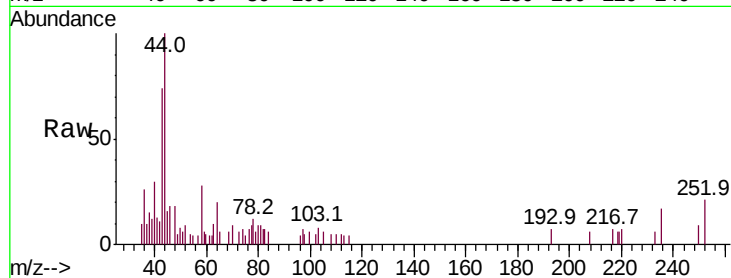
C0K11

Tot Ion: 43 Resp: 5295

Ion Ratio Lower Upper

43 100

58 17.9 0.0 26.2



#22

cis-1,2-Dichloroethene

Concen: 0.250 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013344.D

Acq: 25 Oct 2019 14:35

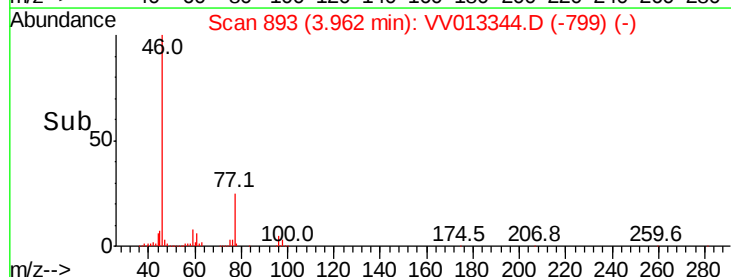
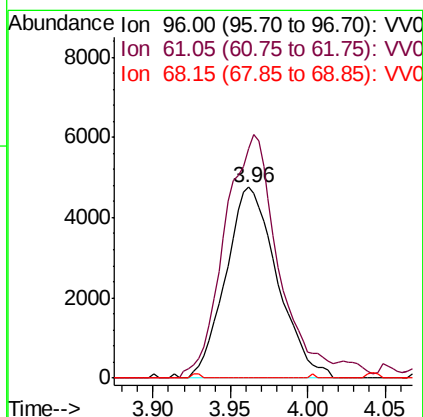
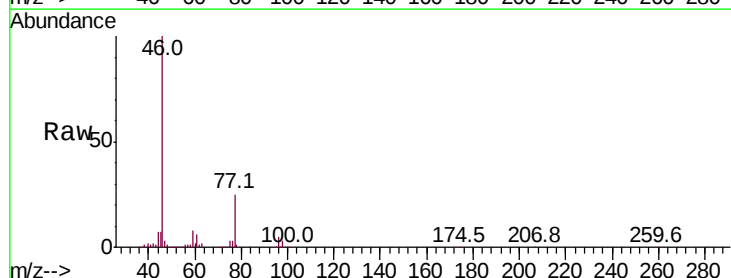
Tgt Ion: 96 Resp: 11007

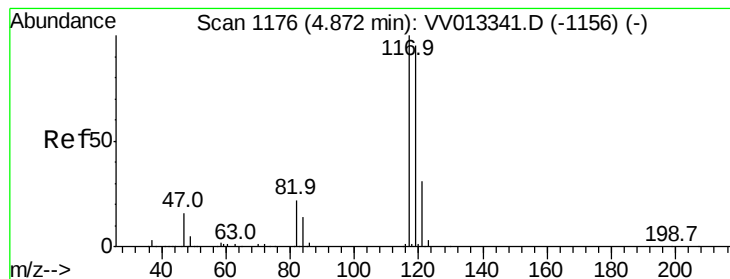
Ion Ratio Lower Upper

96 100

61 120.5 77.3 143.7

68 0.0 0.1 0.1#





#31

Carbon tetrachloride

Concen: 0.260 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VV013344.D

Acq: 25 Oct 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

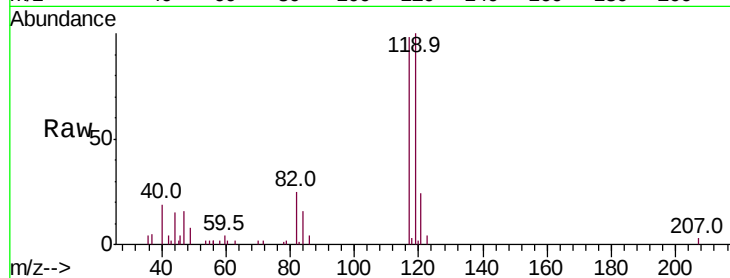
C0K11

Tot Ion:117 Resp: 16536

Ion Ratio Lower Upper

117 100

119 101.3 77.4 116.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

8000

6000

4000

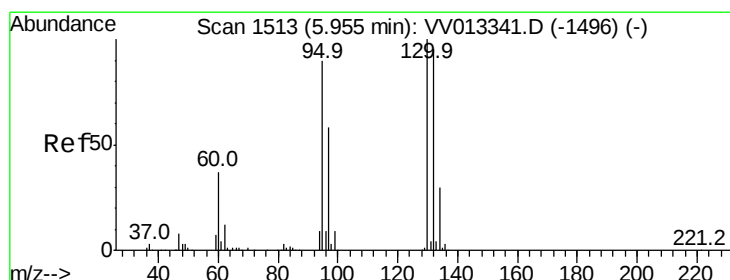
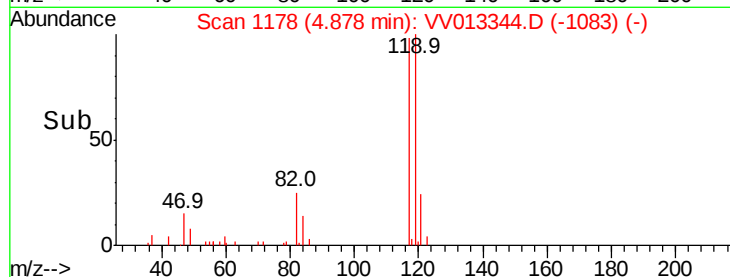
2000

0

4.88

4.80 4.85 4.90 4.95

Time-->



#34

Trichloroethene

Concen: 1.265 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013344.D

Acq: 25 Oct 2019 14:35

Tgt Ion: 95 Resp: 62155

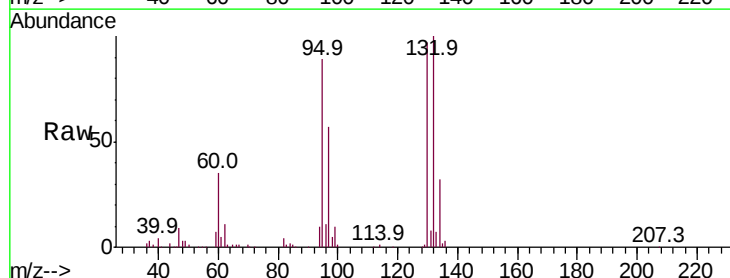
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 112.7 70.6 131.2

130 109.1 75.5 140.3



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): V

Ion 129.95 (129.65 to 130.65): V

50000

40000

30000

20000

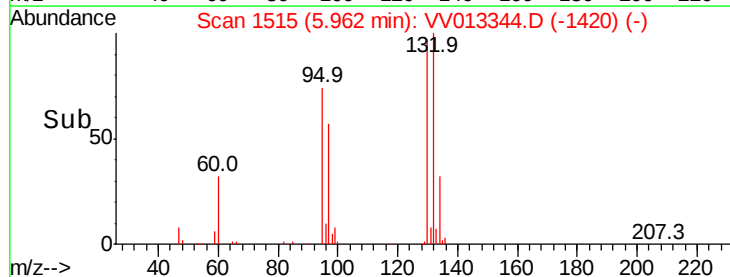
10000

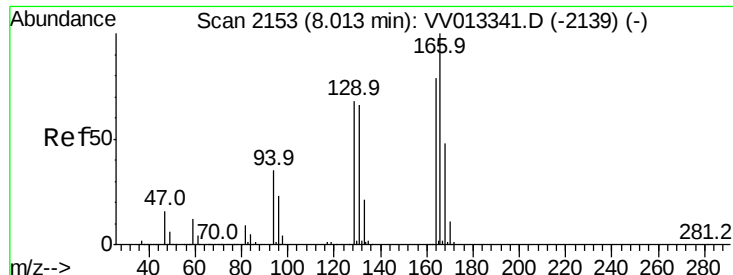
0

5.96

5.90 5.95 6.00

Time-->





#47

Tetrachloroethene

Concen: 0.917 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013344.D

Acq: 25 Oct 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

C0K11

Tot Ion:164 Resp: 40926

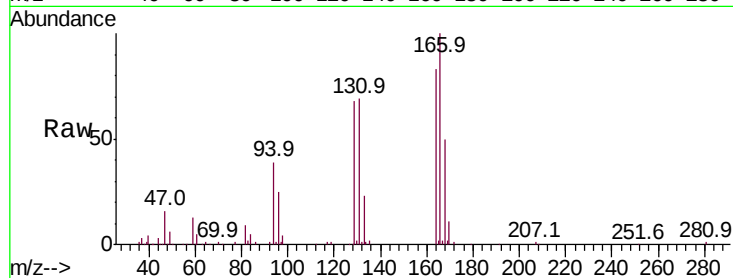
Ion Ratio Lower Upper

164 100

129 81.7 61.0 113.2

131 83.1 57.5 106.9

166 120.2 87.8 163.0



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

