

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009041.D
 Acq On : 19 Dec 2018 04:12
 Operator : SY/MD
 Sample : J6419-14
 Misc : 4.92G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF042

Quant Time: Dec 19 08:15:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	235936	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157531	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54263	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	1.58	69	54807	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.52%
10) 1,1-Dichloroethene-d2	2.13	63	98044	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	3.94	46	30519	34.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.66%
24) Chloroform-d	4.40	84	130856	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.08	65	82209	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	5.10	84	254951	28.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.92%
33) 1,2-Dichloropropane-d6	6.12	67	76853	31.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.80%#
37) Toluene-d8	7.36	98	196906	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	7.67	79	29440	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.80%
39) 2-Hexanone-d5	8.13	63	19554	43.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53088	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	22100	17.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.28%#

Target Compounds

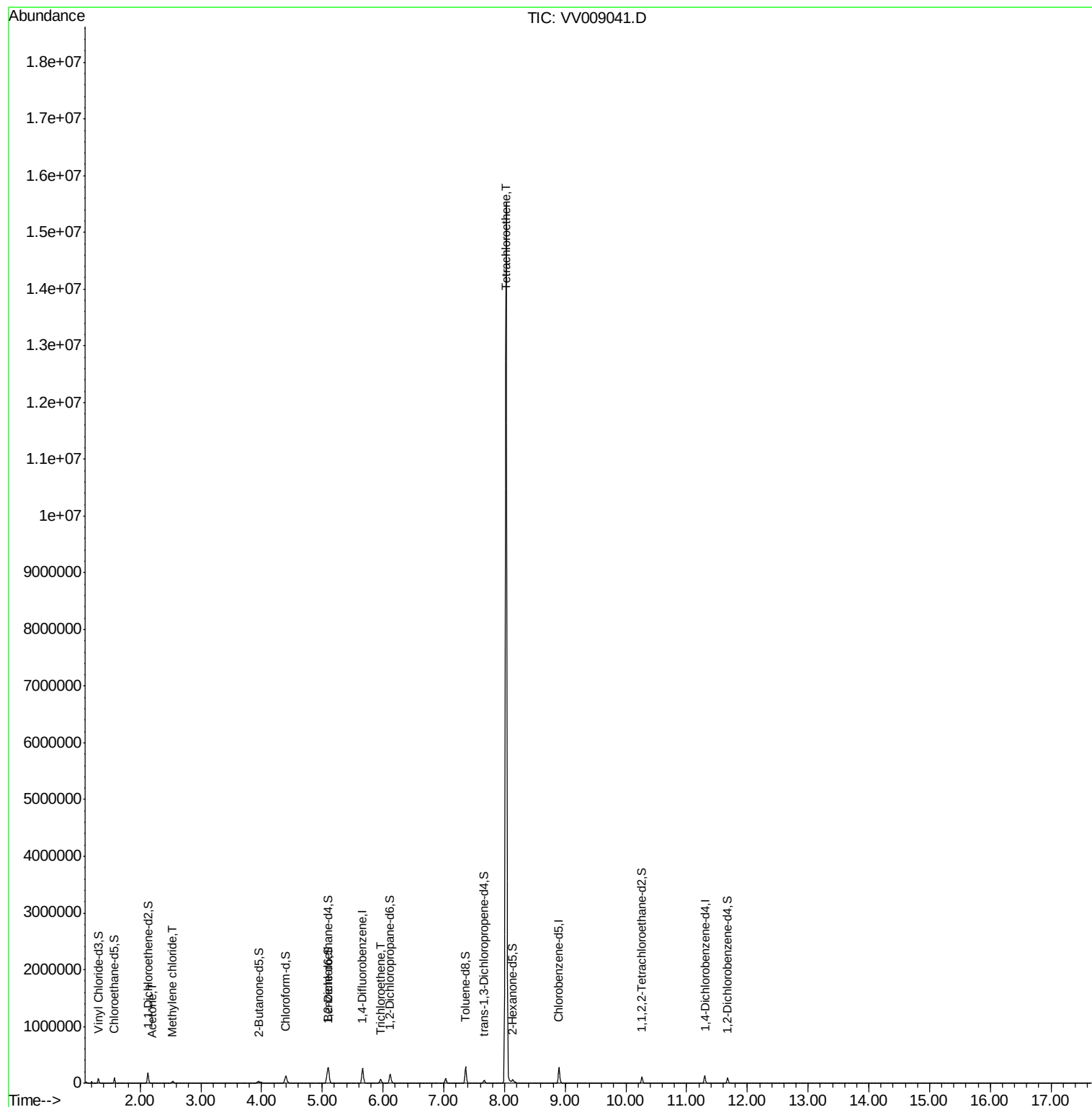
					Ovalue
13) Acetone	2.20	43	6272	4.789 ug/L	92
16) Methylene chloride	2.53	84	14686	3.696 ug/L	97
35) Trichloroethene	5.96	95	20118	7.070 ug/L	99
47) Tetrachloroethene	8.03	164	3551229	1534.667 ug/L	97

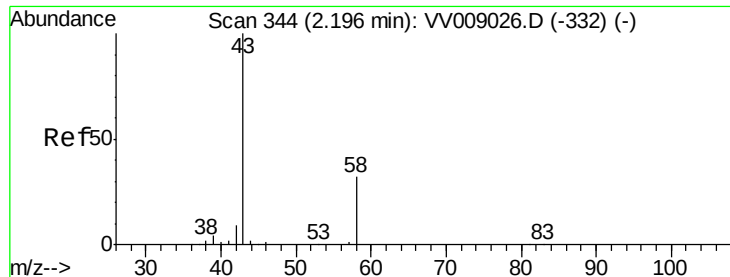
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.789 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009041.D

Acq: 19 Dec 2018 04:12

Instrument :

MSVOA_V

ClientSampleId :

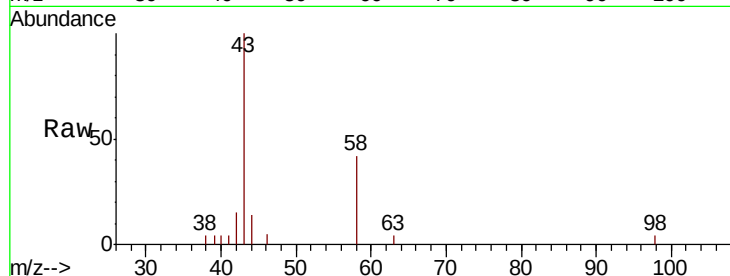
BF042

Tot Ion: 43 Resp: 6272

Ion Ratio Lower Upper

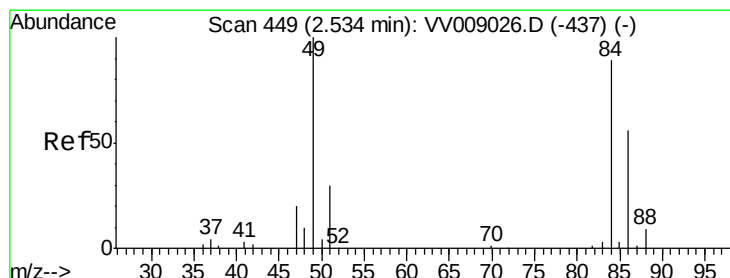
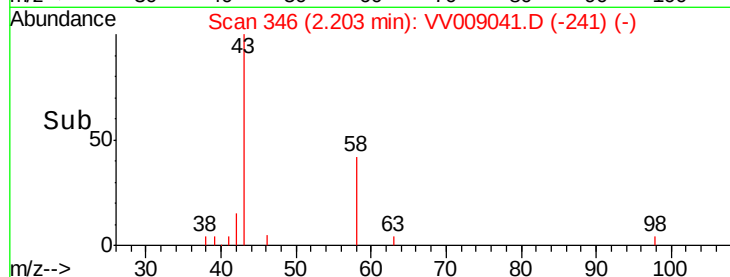
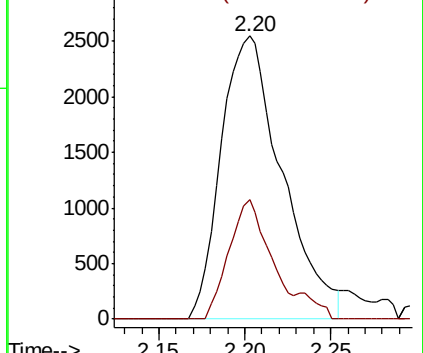
43 100

58 28.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.696 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009041.D

Acq: 19 Dec 2018 04:12

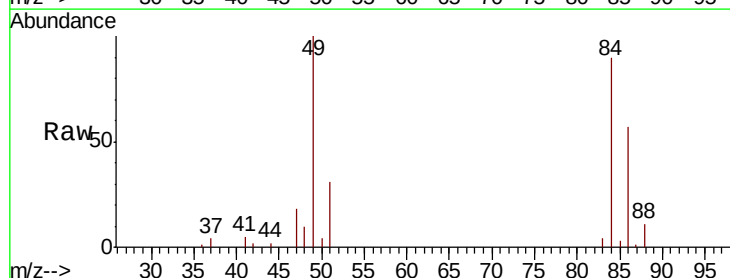
Tgt Ion: 84 Resp: 14686

Ion Ratio Lower Upper

84 100

49 111.1 80.5 149.5

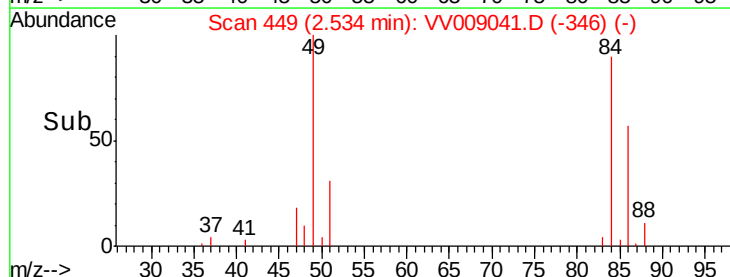
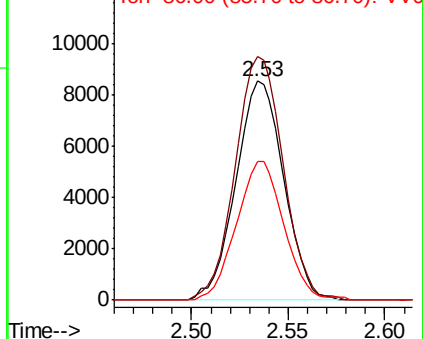
86 63.3 45.5 84.5

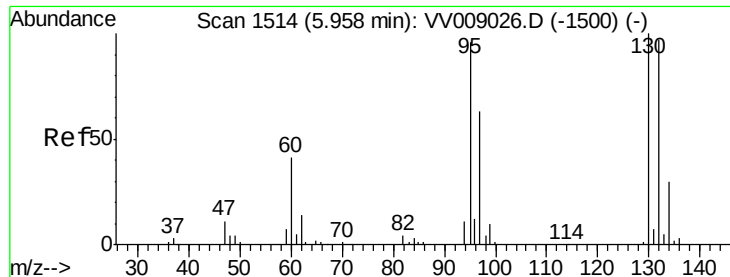


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#35

Trichloroethene

Concen: 7.070 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009041.D

Acq: 19 Dec 2018 04:12

Instrument :

MSVOA_V

ClientSampleId :

BF042

Tot Ion: 95 Resp: 20118

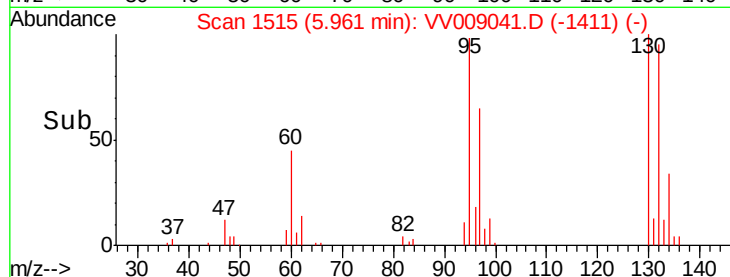
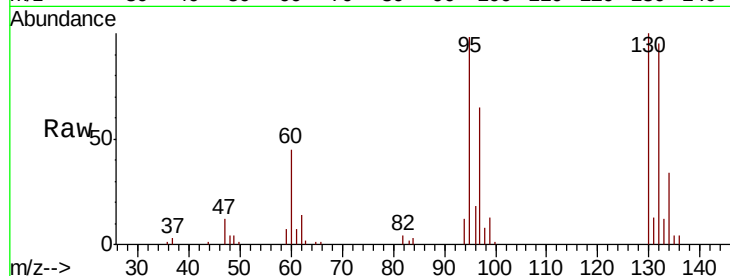
Ion Ratio Lower Upper

95 100

97 64.0 45.3 84.1

132 101.4 70.0 130.0

130 103.5 73.4 136.4



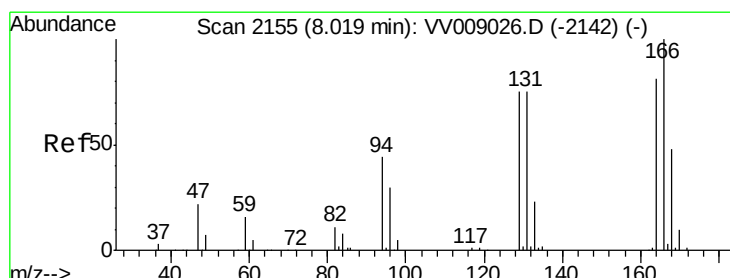
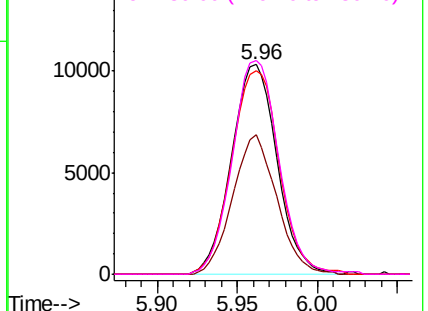
Abundance

Ion 95.00 (94.70 to 95.70): VV009041.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009041.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009041.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009041.D (-1411) (-)



#47

Tetrachloroethene

Concen: 1534.667 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV009041.D

Acq: 19 Dec 2018 04:12

Tgt Ion: 164 Resp: 3551229

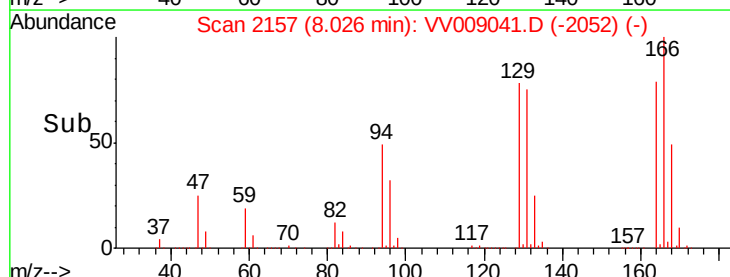
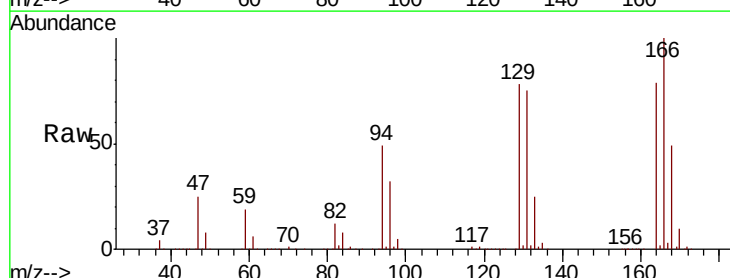
Ion Ratio Lower Upper

164 100

129 99.2 64.6 120.0

131 95.6 64.5 119.7

166 126.9 88.7 164.7



Abundance

Ion 164.00 (163.70 to 164.70): VV009041.D (-2052) (-)

Ion 129.00 (128.70 to 129.70): VV009041.D (-2052) (-)

Ion 131.00 (130.70 to 131.70): VV009041.D (-2052) (-)

Ion 166.00 (165.70 to 166.70): VV009041.D (-2052) (-)

