

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007403.D
 Acq On : 05 Sep 2018 23:43
 Operator : SY/MD
 Sample : J4719-16 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGF2

Quant Time: Sep 06 02:08:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 01:44:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	489240	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	479322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	178387	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145638	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.56	69	116578	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.13	63	198754	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.96	46	219854	77.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.34%
24) Chloroform-d	4.40	84	332178	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.09	65	210686	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.10	84	635000	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.12	67	222822	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.36	98	497288	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.67	79	84948	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.14	63	158856	83.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.71%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	314152	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	193615	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

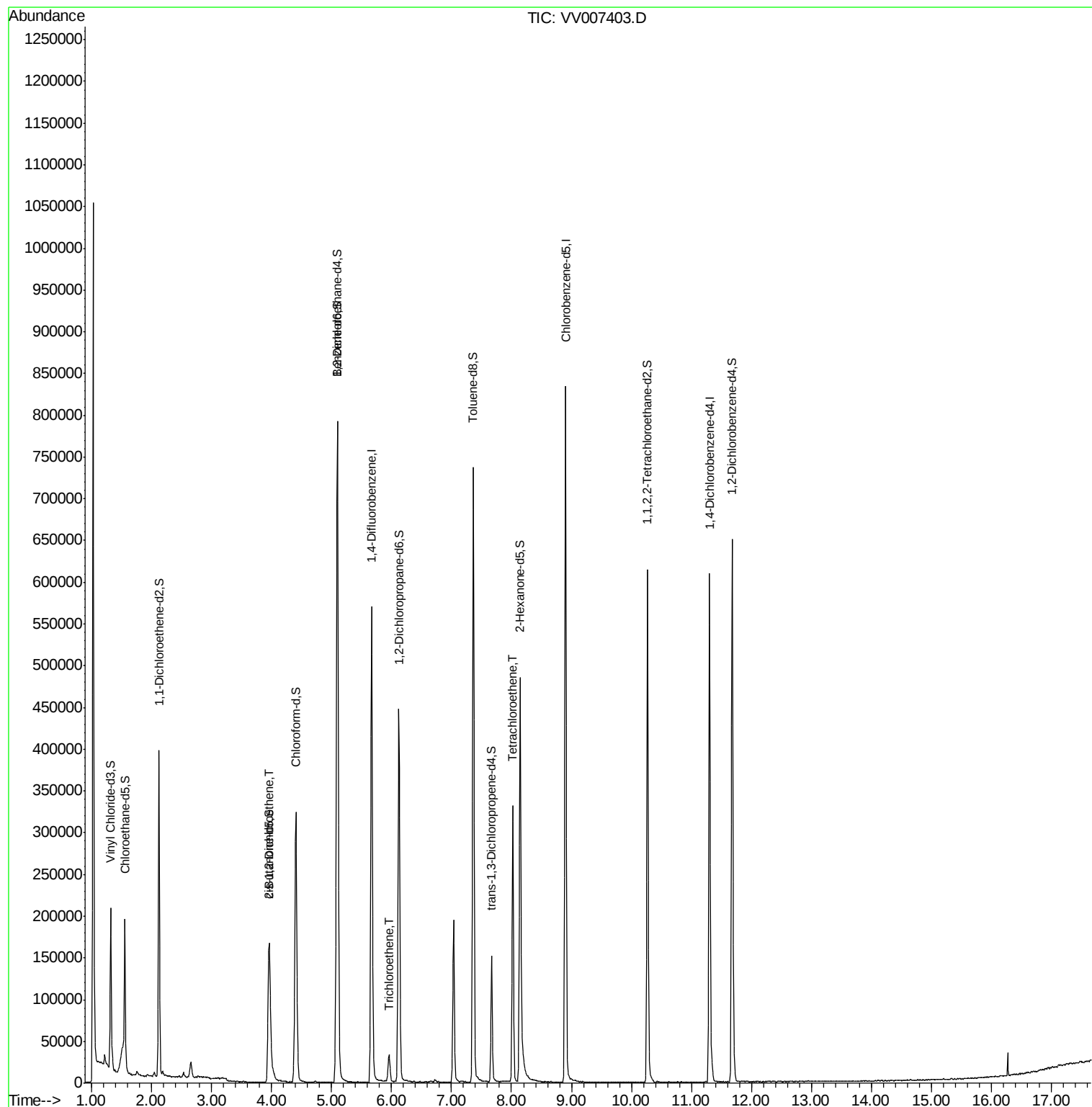
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.96	96	8812	2.27	ug/L	93
34) Trichloroethene	5.96	95	8644	2.31	ug/L	96
46) Tetrachloroethene	8.02	164	77219	25.66	ug/L	98

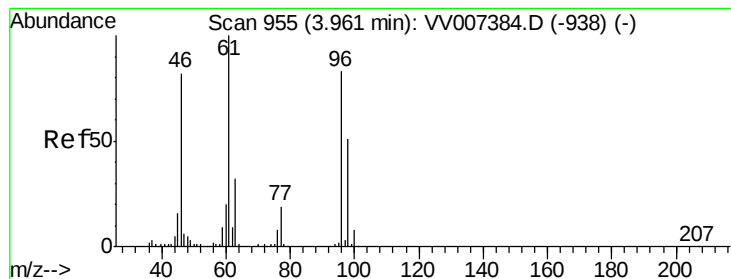
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.27 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007403.D

Acq: 05 Sep 2018 23:43

Instrument :

MSVOA_V

ClientSampled :

BEGF2

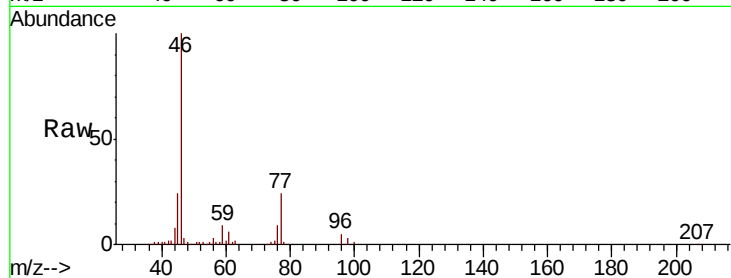
Tot Ion: 96 Resp: 8812

Ion Ratio Lower Upper

96 100

61 115.8 86.8 161.2

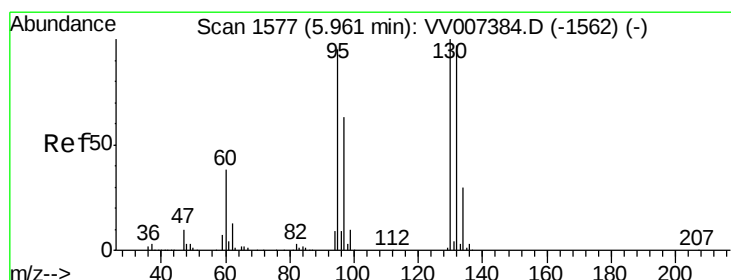
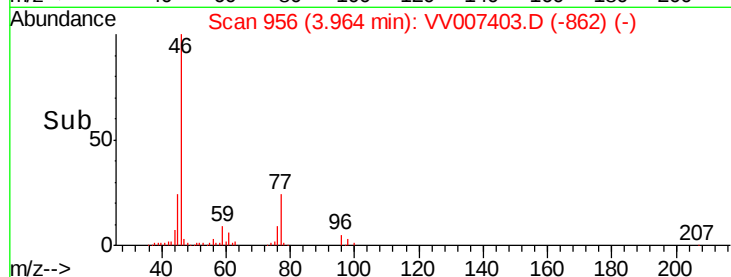
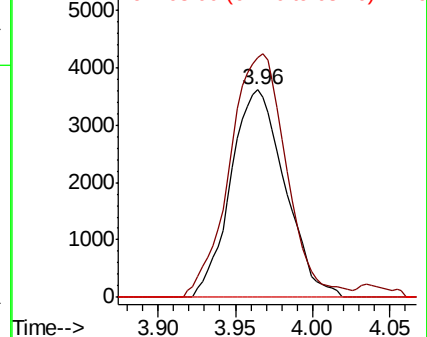
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007403.D (-1484) (-)

Ion 61.00 (60.70 to 61.70): VV007403.D (-1484) (-)

Ion 68.00 (67.70 to 68.70): VV007403.D (-1484) (-)



#34

Trichloroethene

Concen: 2.31 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV007403.D

Acq: 05 Sep 2018 23:43

Tgt Ion: 95 Resp: 8644

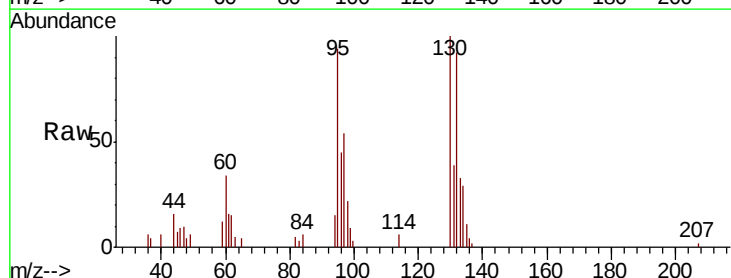
Ion Ratio Lower Upper

95 100

97 57.6 46.1 85.7

132 98.1 70.8 131.6

130 106.6 73.9 137.3

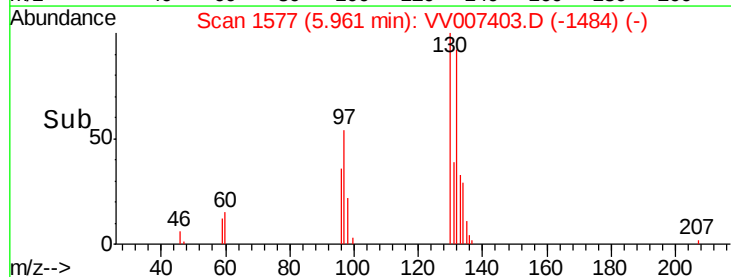
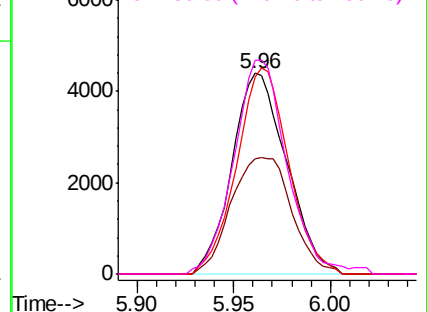


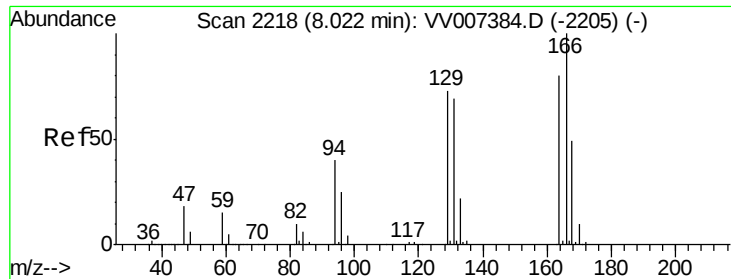
Abundance Ion 95.00 (94.70 to 95.70): VV007403.D (-1484) (-)

Ion 97.00 (96.70 to 97.70): VV007403.D (-1484) (-)

Ion 132.00 (131.70 to 132.70): VV007403.D (-1484) (-)

Ion 130.00 (129.70 to 130.70): VV007403.D (-1484) (-)





#46

Tetrachloroethene

Concen: 25.66 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007403.D

Acq: 05 Sep 2018 23:43

Instrument :
MSVOA_V
ClientSampleId :
BEGF2

Tot Ion:164 Resp: 77219

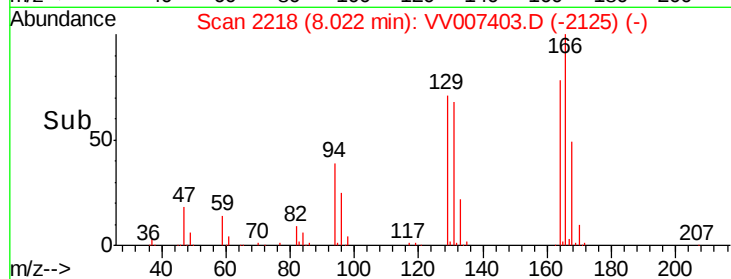
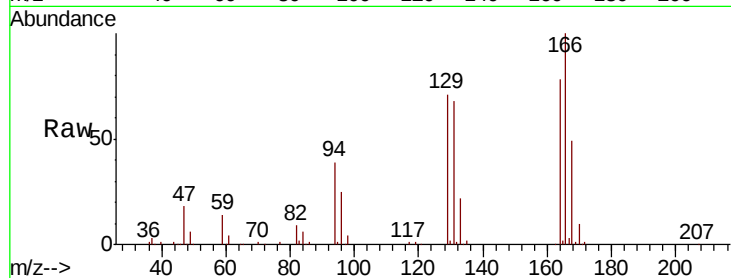
Ion Ratio Lower Upper

164 100

129 90.5 63.9 118.7

131 86.9 62.6 116.2

166 128.4 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

