

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013224.D
 Acq On : 19 Oct 2019 01:14
 Operator : SY/MD
 Sample : K5321-09
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8

Quant Time: Nov 01 04:34:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:09:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394269	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	435943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191684	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	159646	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	227394	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.97	46	465255	55.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.40	84	395742	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	201496	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	783706	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	246834	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	620963	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	72858	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.13	63	359456	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	186936	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	291322	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

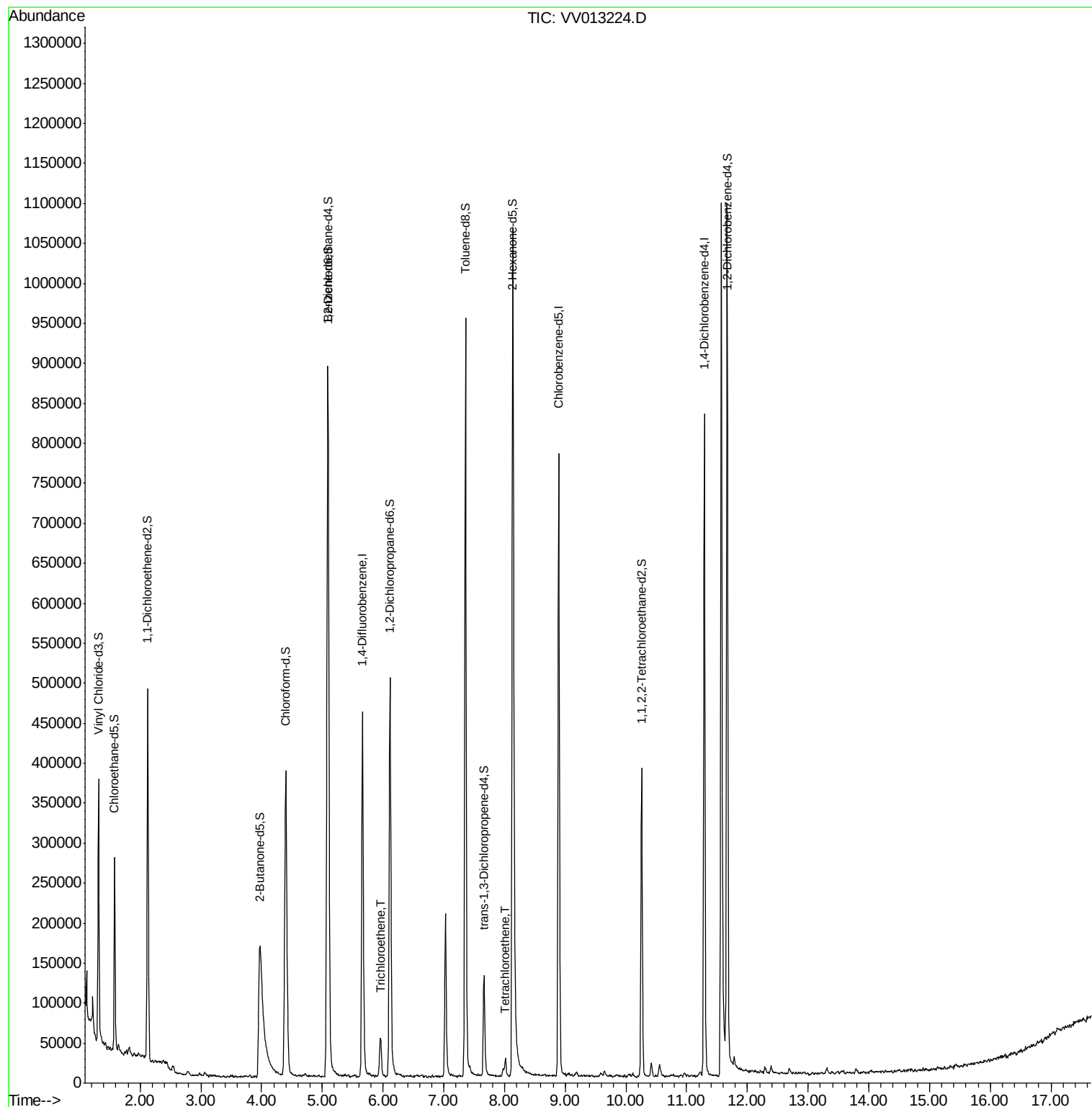
Target Compounds					Qvalue
34) Trichloroethene	5.96	95	16629	0.365 ug/L	95
47) Tetrachloroethene	8.01	164	6223	0.156 ug/L	81

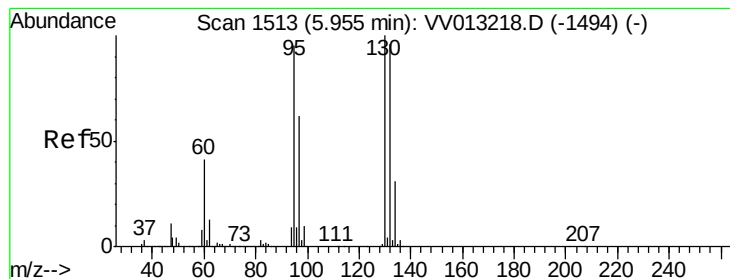
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.365 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

E0AA8

Tgt Ion: 95 Resp: 16629

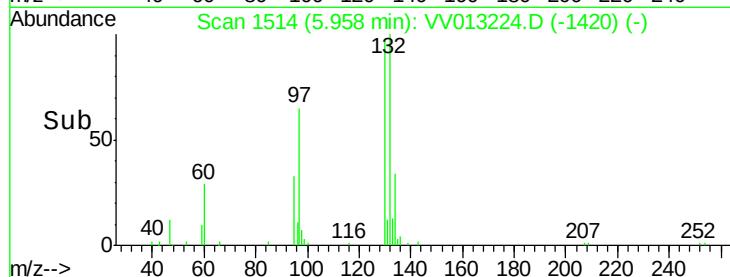
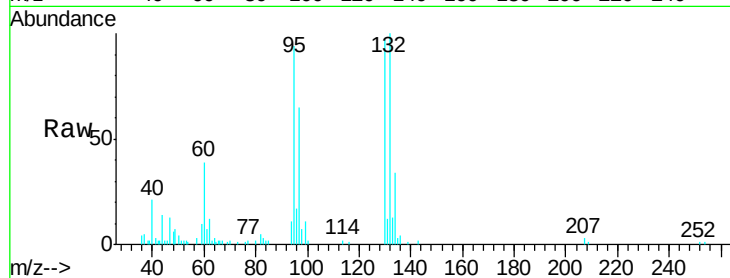
Ion Ratio Lower Upper

95 100

97 69.5 44.7 82.9

132 106.7 68.9 127.9

130 104.0 72.7 134.9



Abundance Ion 95.00 (94.70 to 95.70): VV013218.D (-1494) (-)

Ion 96.95 (96.65 to 97.65): VV013218.D (-1494) (-)

Ion 131.95 (131.65 to 132.65): VV013218.D (-1494) (-)

Ion 129.95 (129.65 to 130.65): VV013218.D (-1494) (-)

Time-->

5.90 5.95 6.00 6.05

Abundance

12000

10000

8000

6000

4000

2000

0

5.90 5.95 6.00 6.05

Time-->

5.90 5.95 6.00 6.05

Abundance

12000

10000

8000

6000

4000

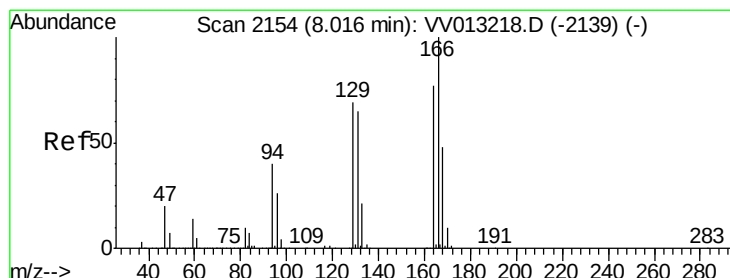
2000

0

5.90 5.95 6.00 6.05

Time-->

5.90 5.95 6.00 6.05



#47

Tetrachloroethene

Concen: 0.156 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Tgt Ion: 164 Resp: 6223

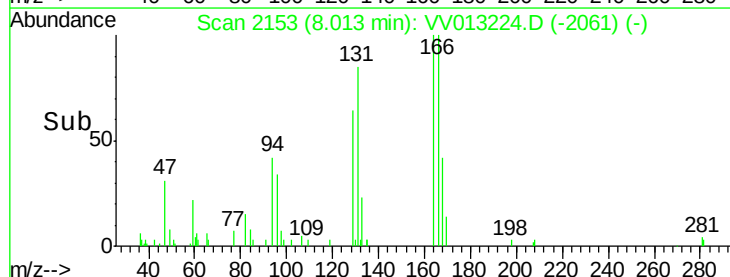
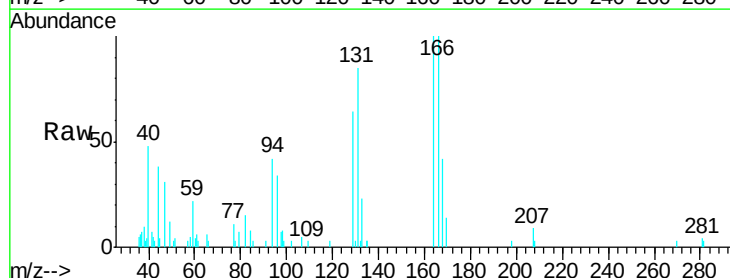
Ion Ratio Lower Upper

164 100

129 63.6 62.2 115.4

131 85.3 59.9 111.3

166 100.0 91.1 169.1



Abundance Ion 163.90 (163.60 to 164.60): VV013218.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013218.D (-2139) (-)

Ion 130.95 (130.65 to 131.65): VV013218.D (-2139) (-)

Ion 165.90 (165.60 to 166.60): VV013218.D (-2139) (-)

Time-->

7.95 8.00 8.05

Abundance

5000

4000

3000

2000

1000

0

7.95 8.00 8.05

Time-->

7.95 8.00 8.05