

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014178.D
 Acq On : 23 Dec 2019 23:31
 Operator : SY/MD
 Sample : K6404-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE07

Quant Time: Dec 24 03:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134448	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	116397	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	178417	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.92	46	291382	57.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	4.40	84	254991	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	125191	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	495970	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.11	67	153658	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	428935	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	50455	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.13	63	220766	52.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	111216	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	170191	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

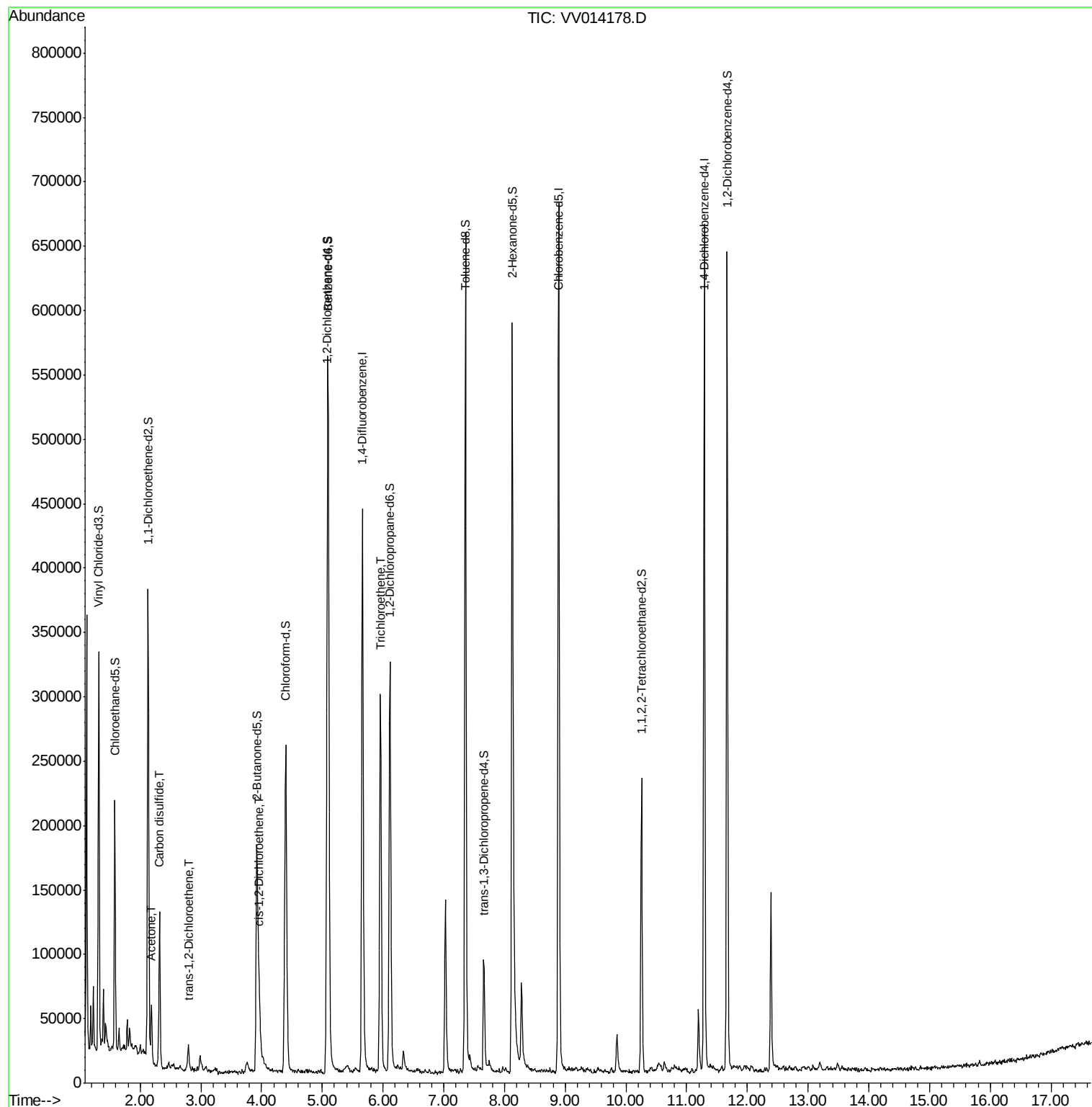
					Ovalue
13) Acetone	2.19	43	39453	9.523	ug/L 98
14) Carbon disulfide	2.32	76	136184	1.891	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	5635	0.220	ug/L 79
22) cis-1,2-Dichloroethene	3.96	96	18077	0.685	ug/L # 95
34) Trichloroethene	5.96	95	100458	3.648	ug/L 96

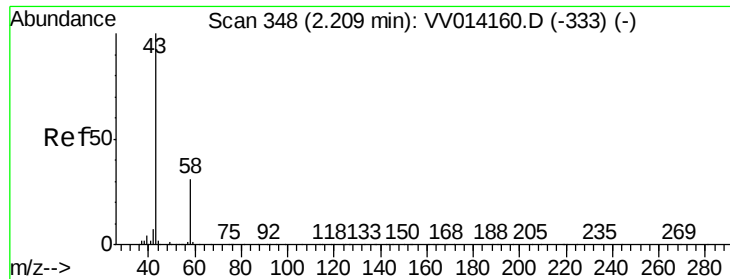
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.523 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Acq: 23 Dec 2019 23:31

Instrument :

MSVOA_V

ClientSampleId :

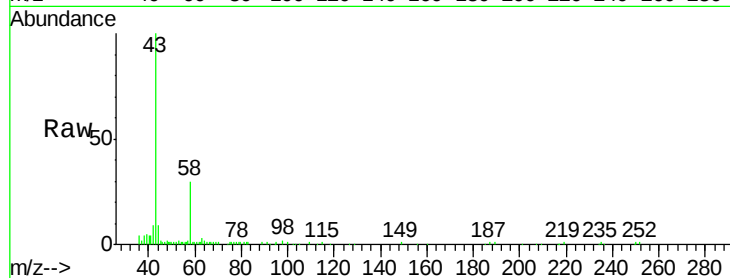
BFE07

Tot Ion: 43 Resp: 39453

Ion Ratio Lower Upper

43 100

58 30.5 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

25000

20000

15000

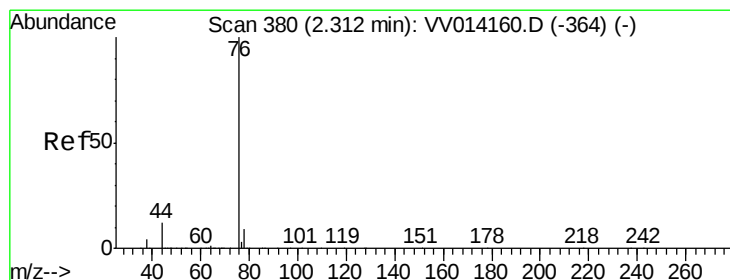
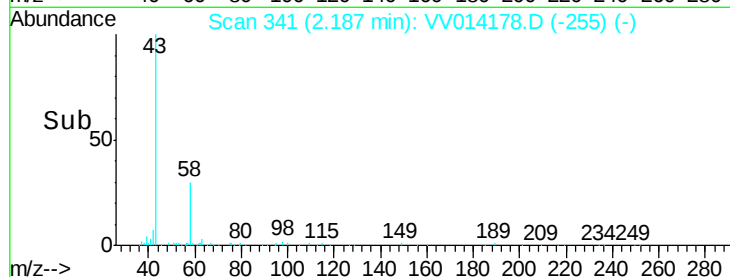
10000

5000

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 1.891 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014178.D

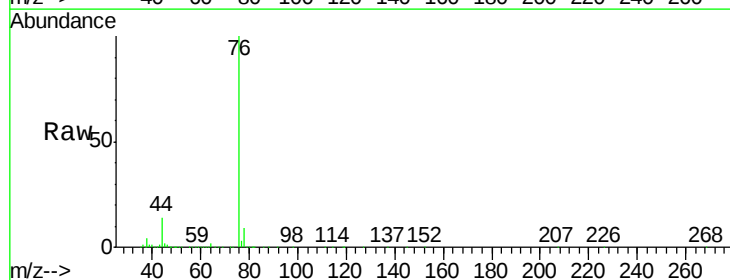
Acq: 23 Dec 2019 23:31

Tgt Ion: 76 Resp: 136184

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

100000

80000

60000

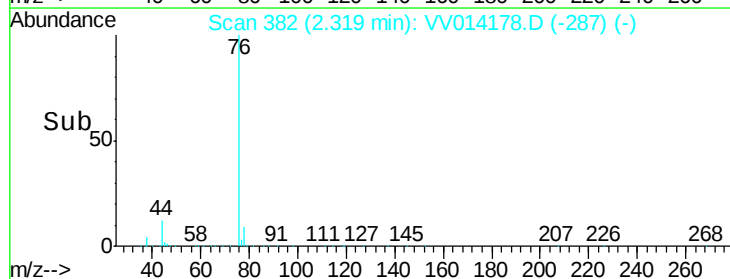
40000

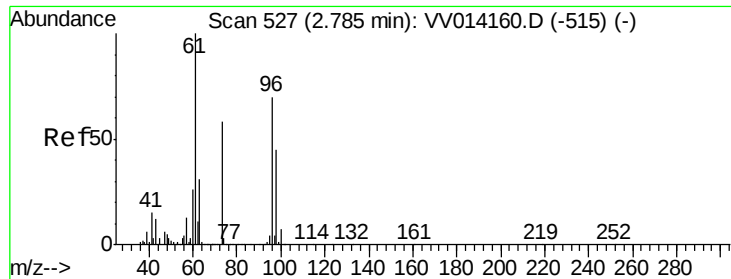
20000

0

2.25 2.30 2.35

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

Instrument :

MSVOA_V

ClientSampleId :

BFE07

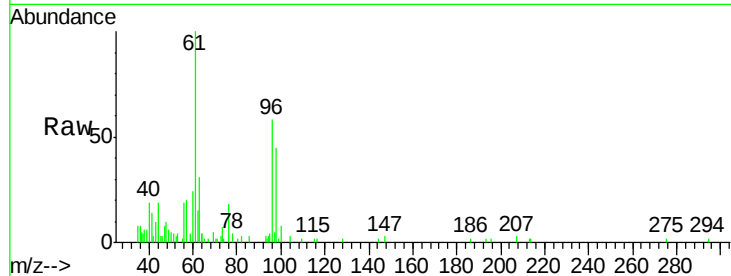
Tot Ion: 96 Resp: 5635

Ion Ratio Lower Upper

96 100

61 173.5 100.7 187.1

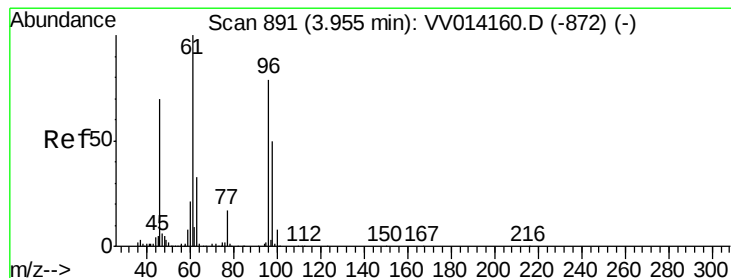
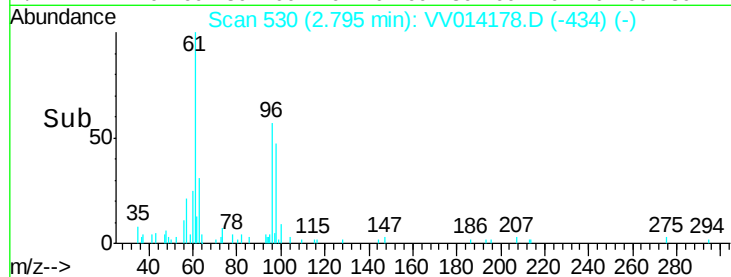
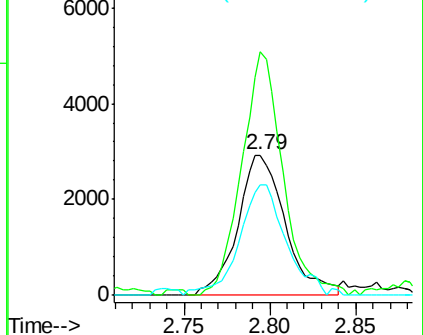
98 78.5 46.9 87.1



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



#22

cis-1,2-Dichloroethene

Concen: 0.685 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

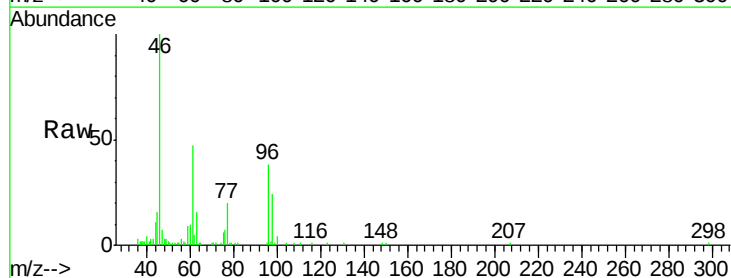
Tgt Ion: 96 Resp: 18077

Ion Ratio Lower Upper

96 100

61 124.4 91.2 169.4

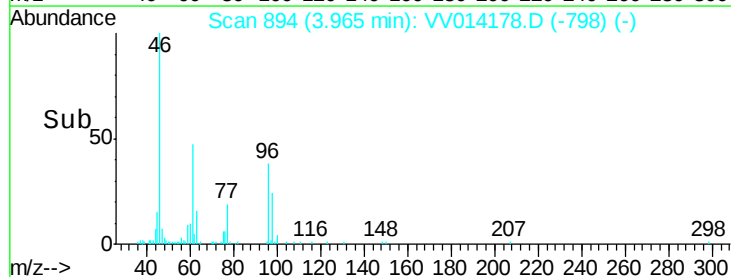
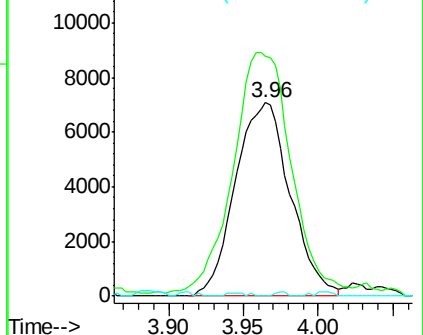
68 0.0 0.1 0.3#

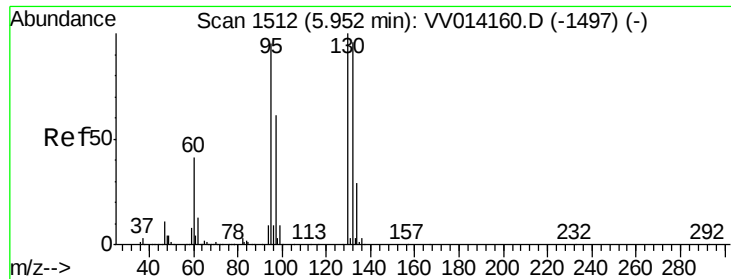


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 3.648 ug/L

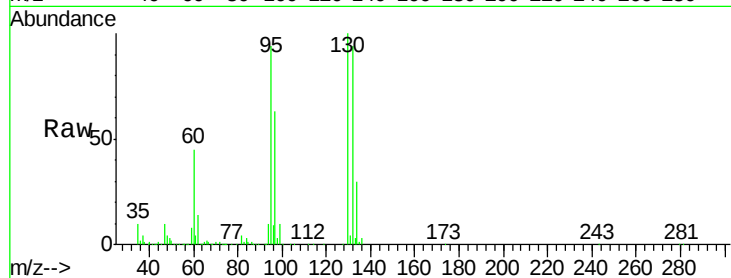
RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014178.D

Acq: 23 Dec 2019 23:31

Instrument :
MSVOA_V
ClientSampleId :
BFE07



Tot Ion:	95	Resp:	100458
Ion	Ratio	Lower	Upper
95	100		
97	67.4	47.2	87.6
132	100.3	74.1	137.7
130	106.5	77.5	143.9

