

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011378.D
 Acq On : 19 Jul 2019 15:22
 Operator : SY/VA
 Sample : K3863-13
 Misc : 3.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F3

Quant Time: Jul 20 01:40:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 00:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237159	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57765	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.44%
7) Chloroethane-d5	2.89	69	51090	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.84%
10) 1,1-Dichloroethene-d2	4.02	63	113958	11.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.92%
20) 2-Butanone-d5	7.07	46	75166	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
24) Chloroform-d	7.65	84	156072	19.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	8.31	65	95727	19.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.12%
29) Benzene-d6	8.27	84	300654	20.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.32%
33) 1,2-Dichloropropane-d6	9.27	67	107506	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.40%
37) Toluene-d8	10.32	98	243777	18.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.88%
38) trans-1,3-Dichloropropene-	10.58	79	36708	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.92	63	49518	45.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	78564	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	60002	18.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.60%#

Target Compounds

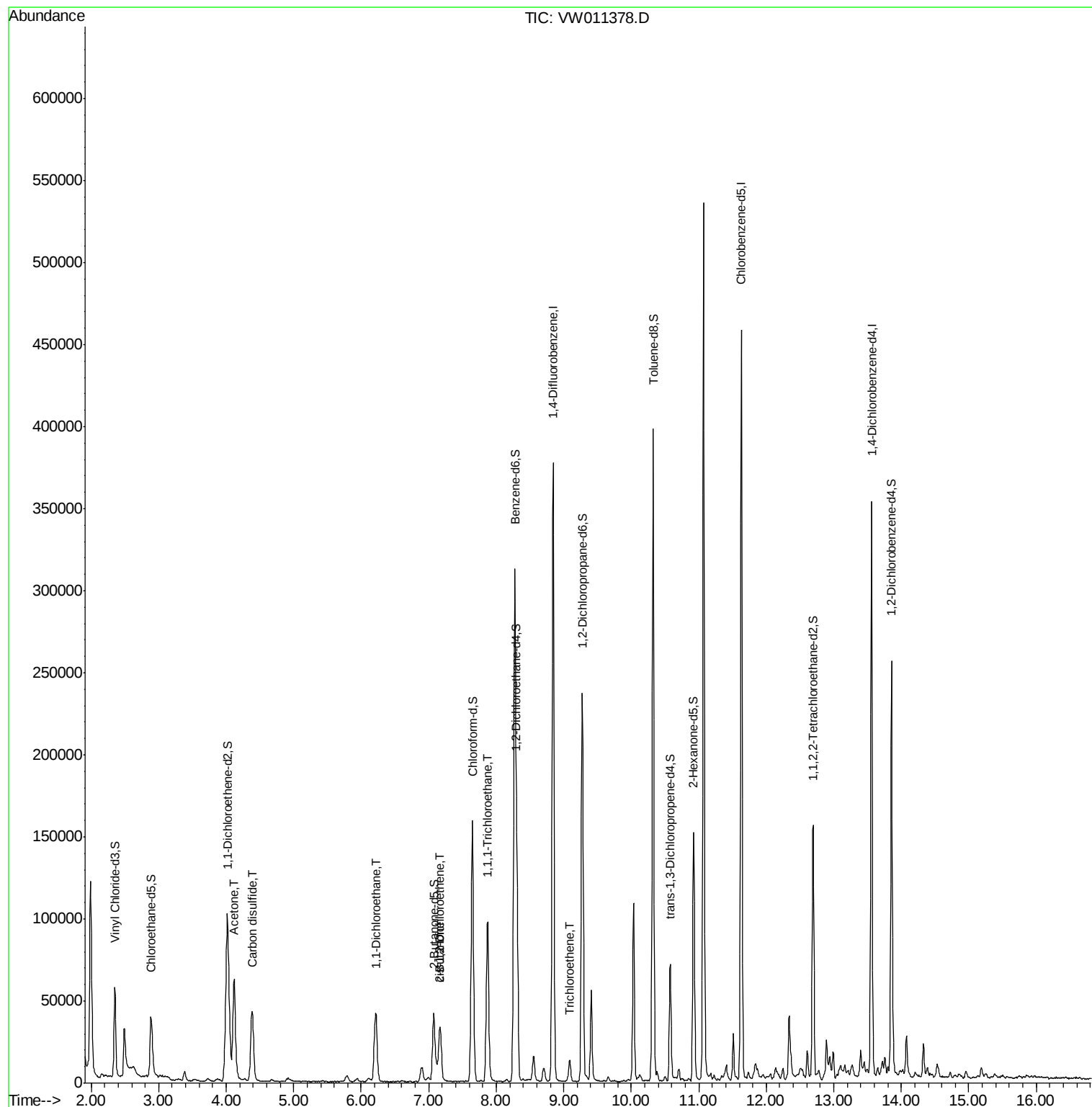
					Ovalue
13) Acetone	4.12	43	108580	62.818	ug/L 100
14) Carbon disulfide	4.39	76	93811	8.482	ug/L 100
19) 1,1-Dichloroethane	6.21	63	62539	7.885	ug/L 98
21) 2-Butanone	7.17	43	14555	6.523	ug/L 81
22) cis-1,2-Dichloroethene	7.17	96	12970	3.067	ug/L 98
31) 1,1,1-Trichloroethane	7.87	97	76796	15.602	ug/L 99
35) Trichloroethene	9.09	95	3941	1.054	ug/L 97

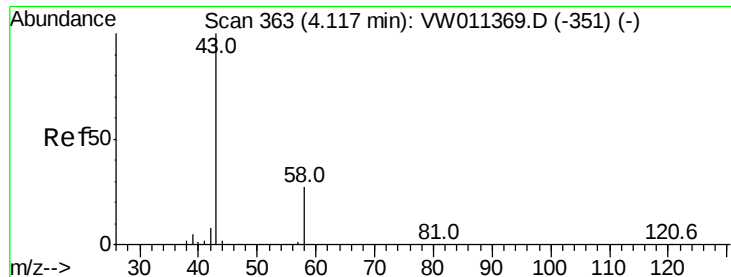
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011378.D
Acq On : 19 Jul 2019 15:22
Operator : SY/VA
Sample : K3863-13
Misc : 3.46G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F3

Quant Time: Jul 20 01:40:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 62.818 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011378.D

Acq: 19 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampled :

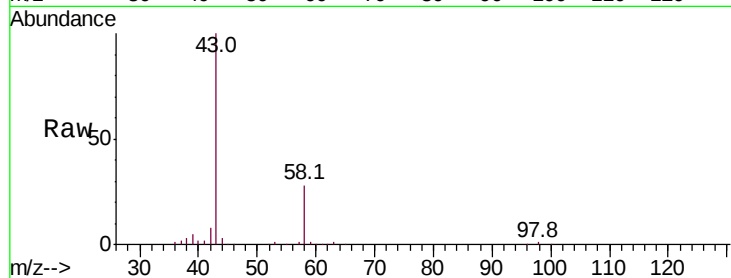
A52F3

Tot Ion: 43 Resp: 108580

Ion Ratio Lower Upper

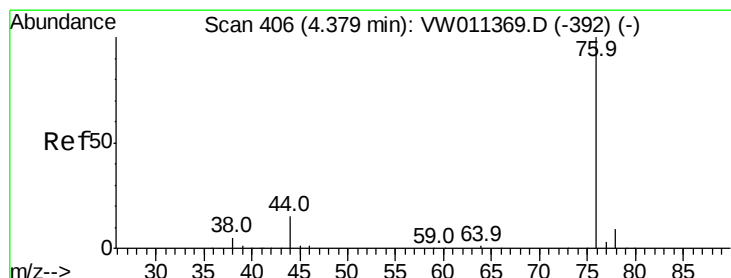
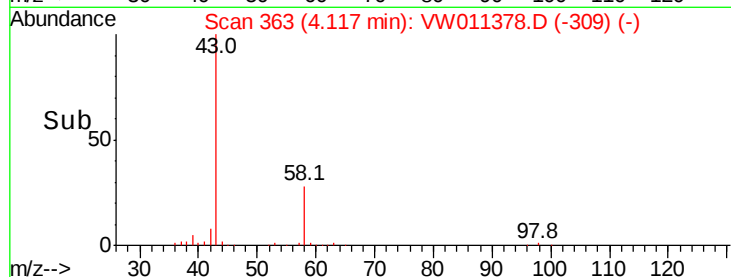
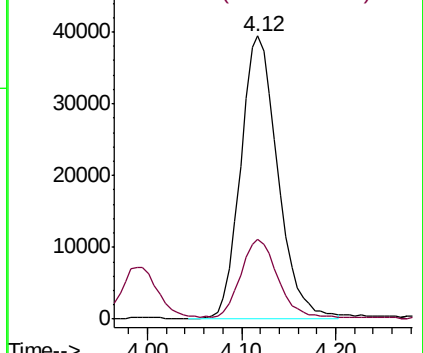
43 100

58 27.7 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 8.482 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW011378.D

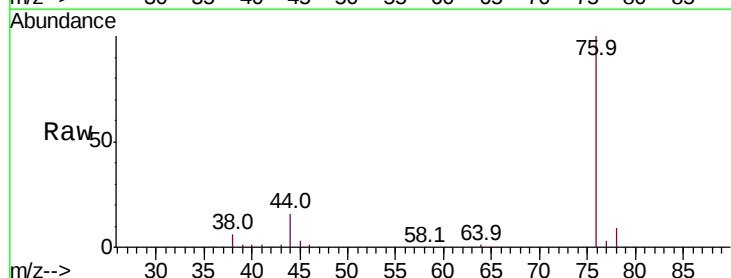
Acq: 19 Jul 2019 15:22

Tgt Ion: 76 Resp: 93811

Ion Ratio Lower Upper

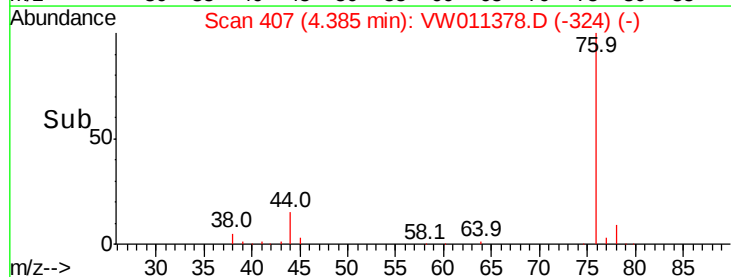
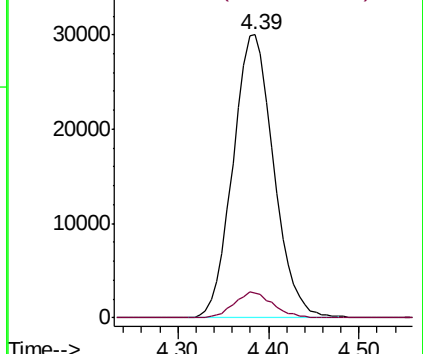
76 100

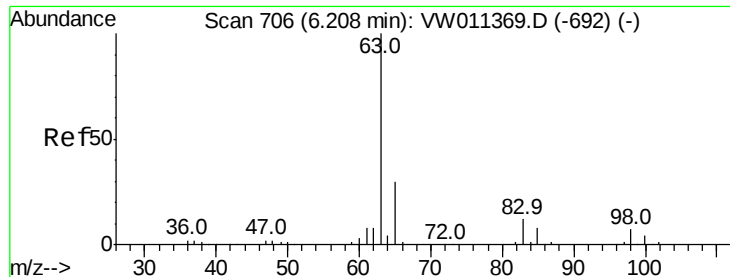
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#19

1,1-Dichloroethane

Concen: 7.885 ug/L

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011378.D

Acq: 19 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

A52F3

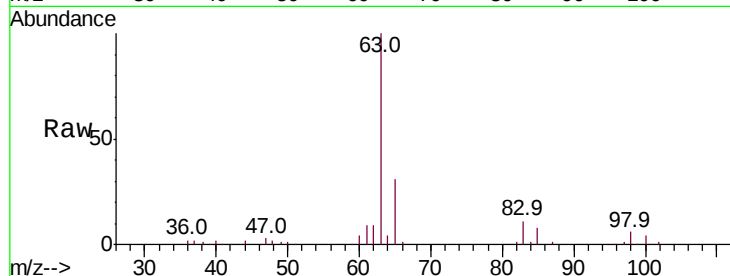
Tot Ion: 63 Resp: 62539

Ion Ratio Lower Upper

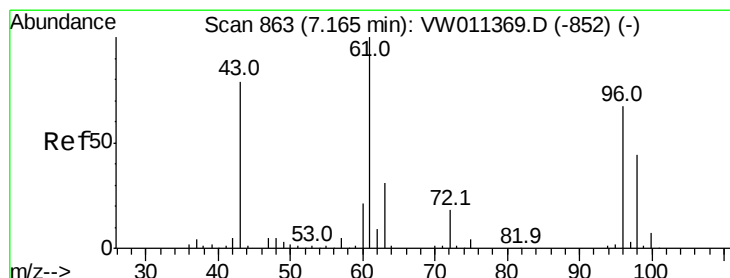
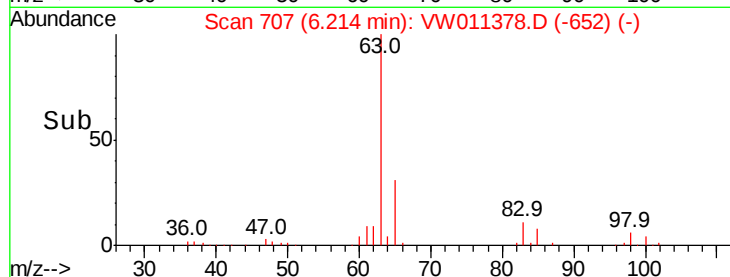
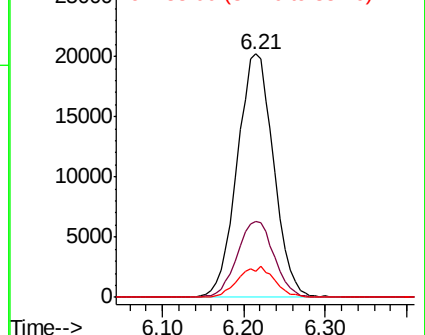
63 100

65 31.3 22.1 41.1

83 10.9 9.0 16.6



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 6.523 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011378.D

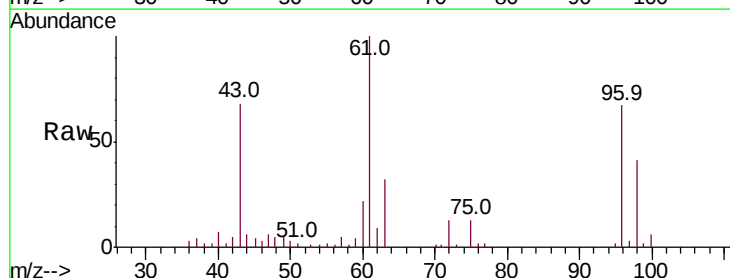
Acq: 19 Jul 2019 15:22

Tgt Ion: 43 Resp: 14555

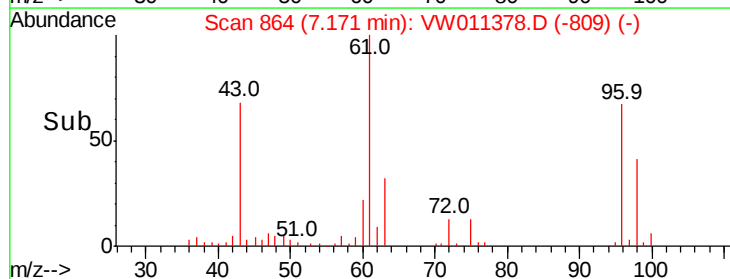
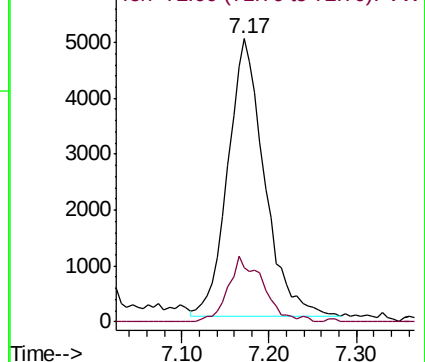
Ion Ratio Lower Upper

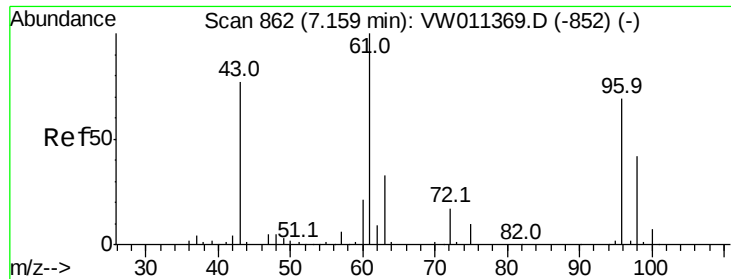
43 100

72 13.3 11.2 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#22

cis-1,2-Dichloroethene

Concen: 3.067 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011378.D

Acq: 19 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampled :

A52F3

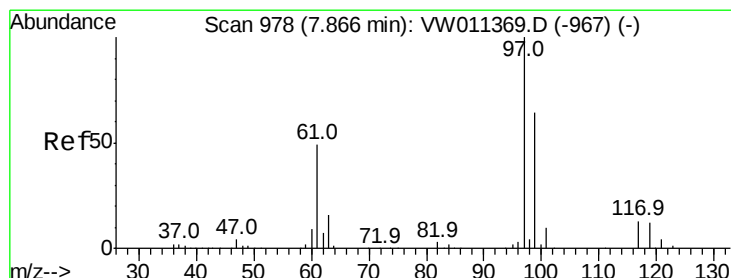
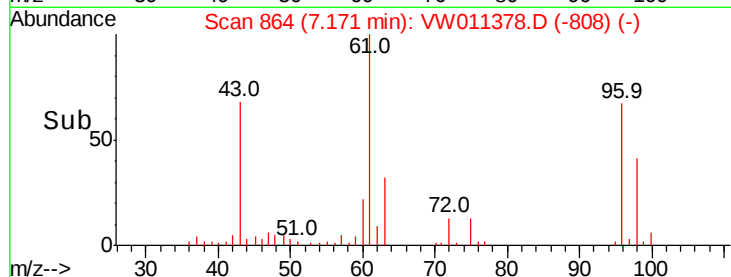
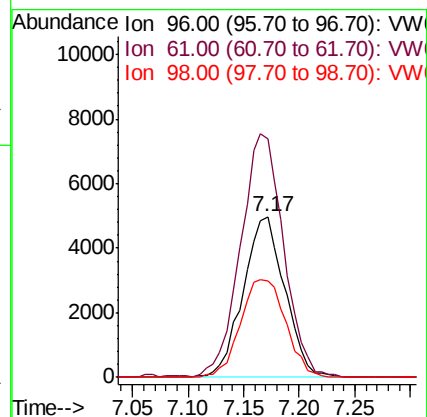
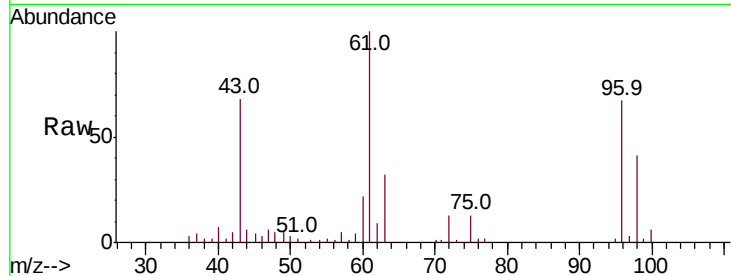
Tot Ion: 96 Resp: 12970

Ion Ratio Lower Upper

96 100

61 148.5 103.2 191.6

98 60.2 44.8 83.2



#31

1,1,1-Trichloroethane

Concen: 15.602 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW011378.D

Acq: 19 Jul 2019 15:22

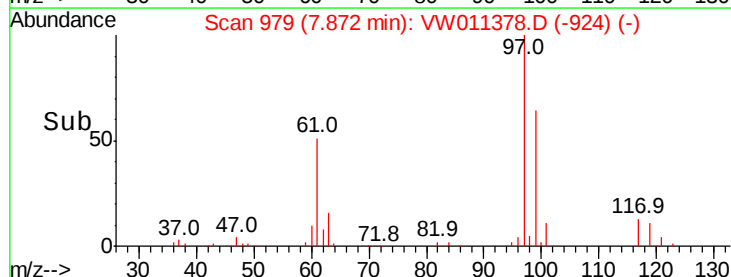
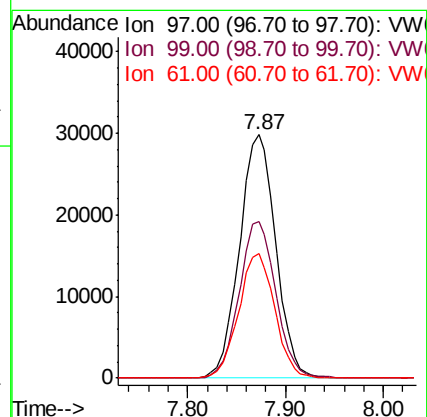
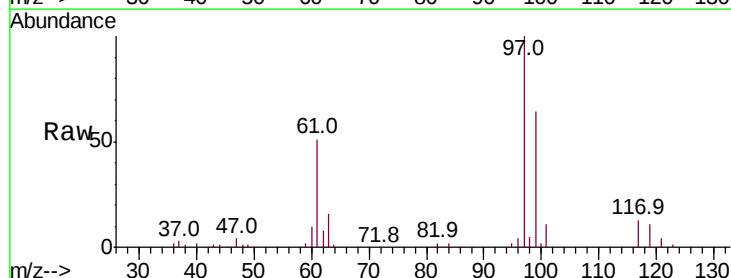
Tgt Ion: 97 Resp: 76796

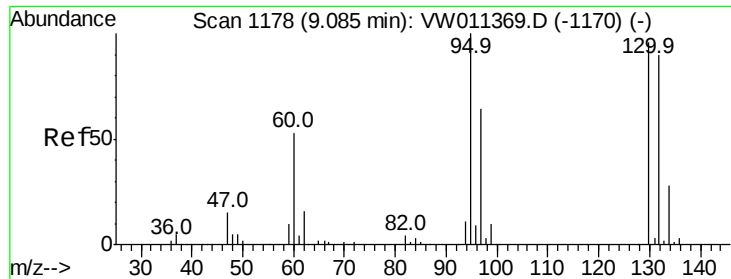
Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

61 50.9 40.9 61.3





#35

Trichloroethene

Concen: 1.054 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011378.D

Acq: 19 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

A52F3

Tot Ion: 95 Resp: 3941

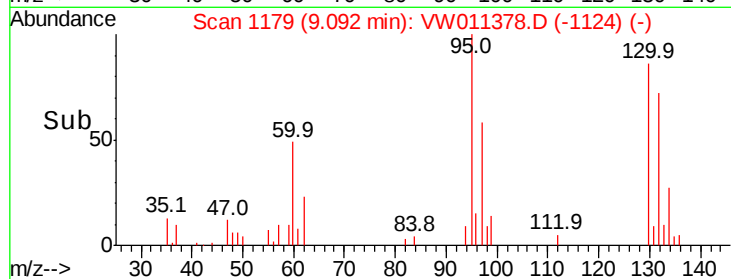
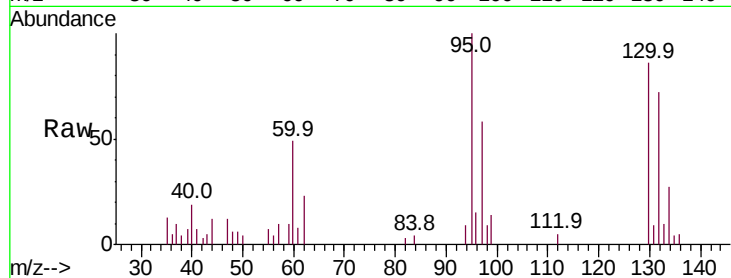
Ion Ratio Lower Upper

95 100

97 65.8 45.4 84.2

132 90.1 65.0 120.8

130 92.4 67.8 126.0



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

