

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011269.D
 Acq On : 15 Jul 2019 18:51
 Operator : SY/VA
 Sample : K3798-06
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:38 AM

Quant Time: Jul 16 07:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	63052	15.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.28%
7) Chloroethane-d5	2.88	69	53124	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	117195	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.56%
20) 2-Butanone-d5	7.07	46	118389	75.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.82%#
24) Chloroform-d	7.65	84	162036	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.30	65	113921	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	318473	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.27	67	115404	27.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.48%
37) Toluene-d8	10.32	98	258724	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	44514	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.32%
39) 2-Hexanone-d5	10.93	63	79146	81.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112520	32.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	65390	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	12358	2.717	ug/L	88
13) Acetone	4.12	43	47902	31.240	ug/L	100
14) Carbon disulfide	4.38	76	7891	0.804	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	3146m	0.908	ug/L	
21) 2-Butanone	7.17	43	12584	6.357	ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	150152	40.023	ug/L	98
35) Trichloroethene	9.09	95	35108	10.592	ug/L	98

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

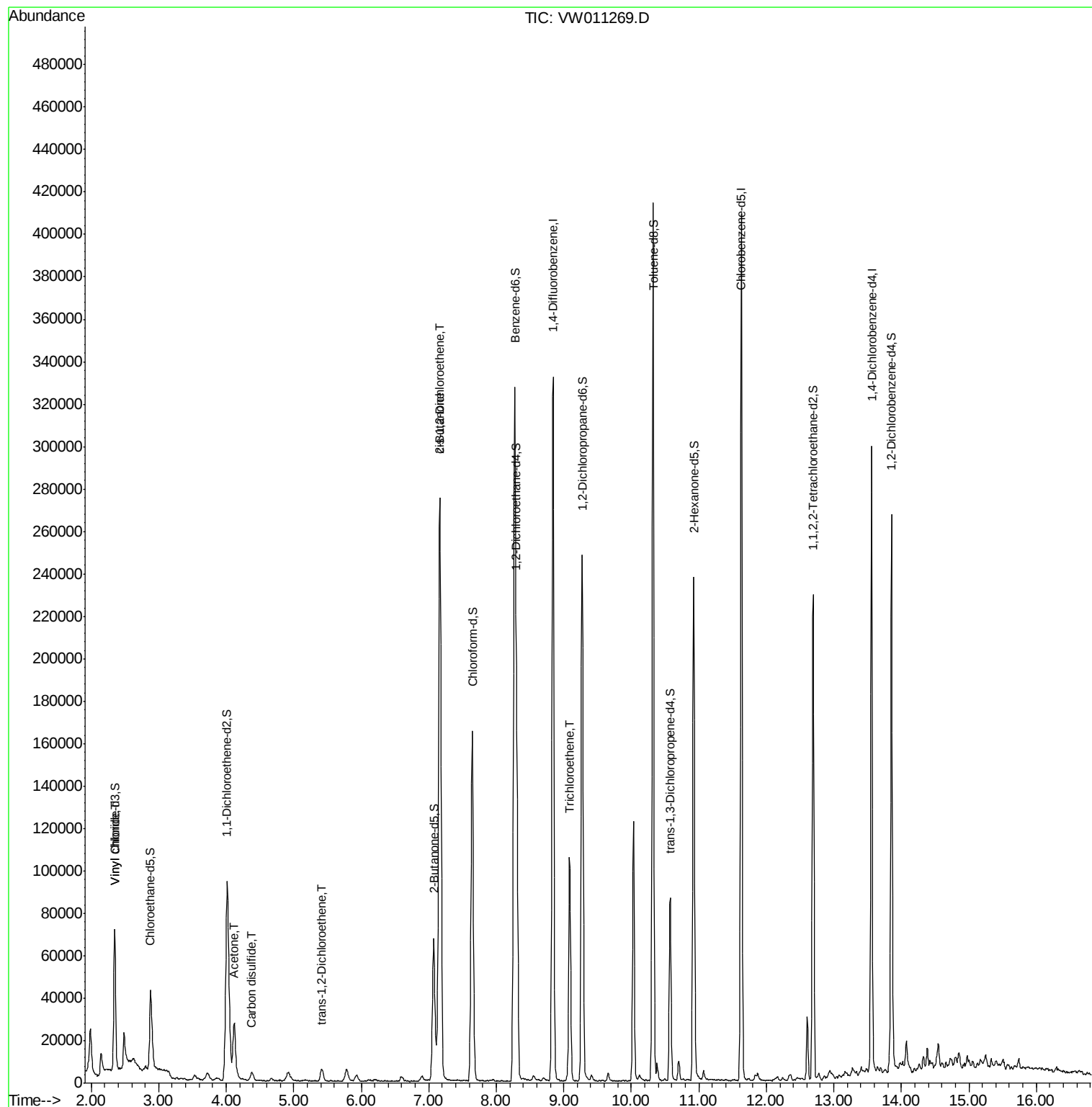
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
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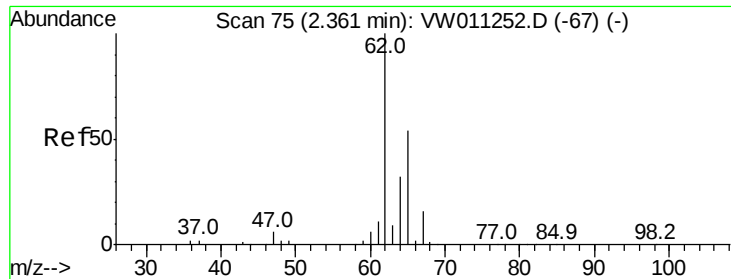
Instrument :
MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.717 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011269.D

Acq: 15 Jul 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

A52H0

Tot Ion: 62 Resp: 12358

Ion Ratio Lower Upper

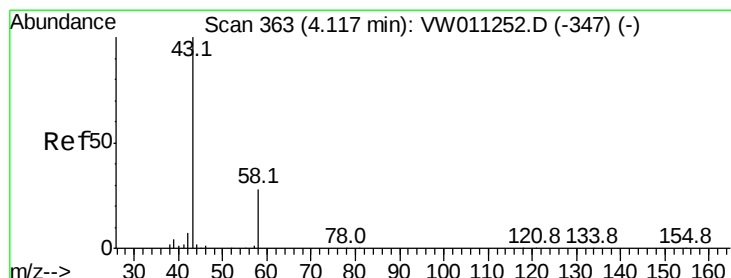
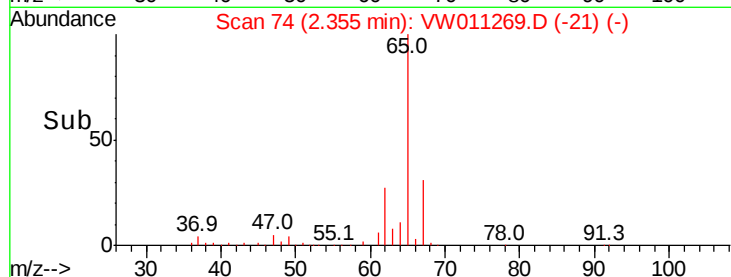
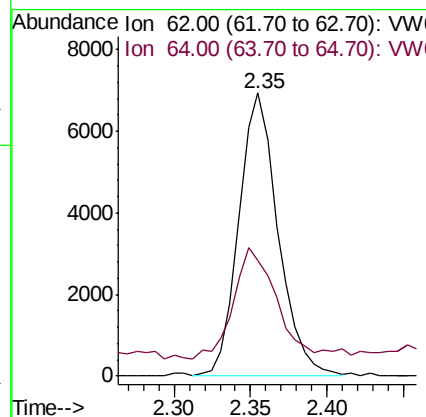
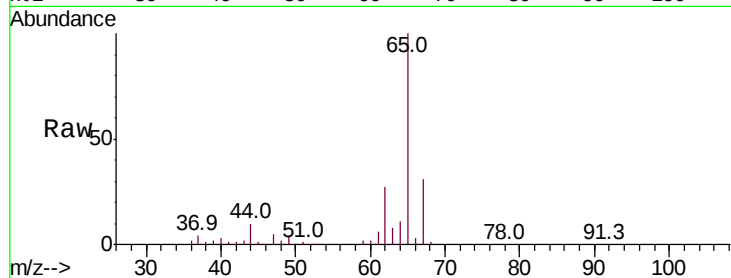
62 100

64 40.7 23.9 44.3

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#13

Acetone

Concen: 31.240 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011269.D

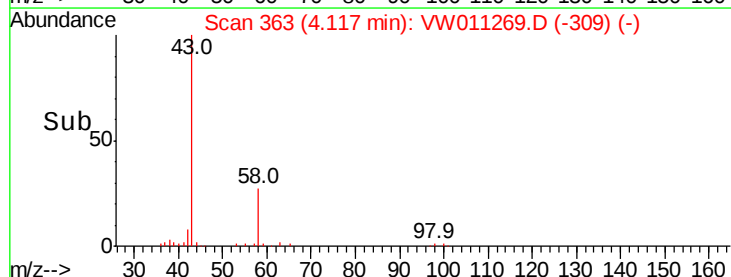
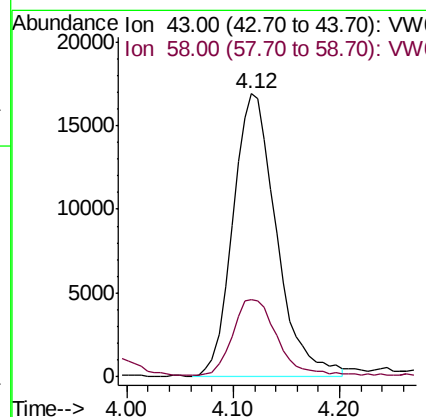
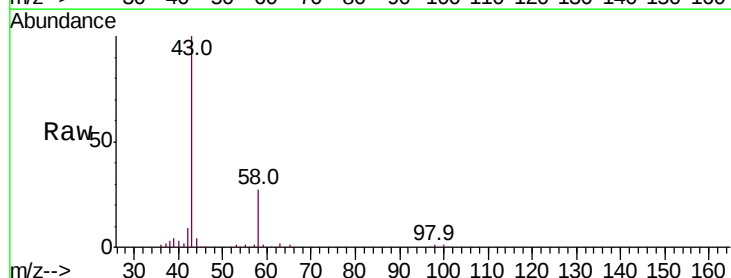
Acq: 15 Jul 2019 18:51

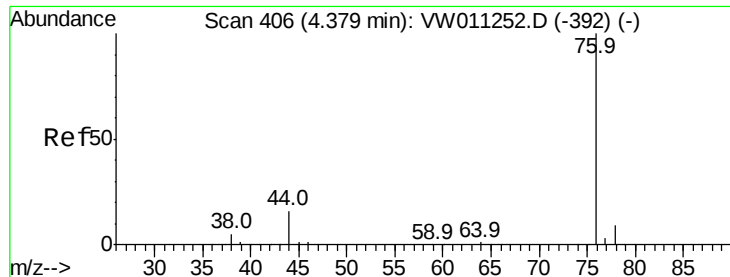
Tgt Ion: 43 Resp: 47902

Ion Ratio Lower Upper

43 100

58 27.5 0.0 55.0





#14

Carbon disulfide

Concen: 0.804 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011269.D

Acq: 15 Jul 2019 18:51

Instrument :

MSVOA_W

ClientSampled :

A52H0

Tot Ion: 76 Resp: 7891

Ion Ratio Lower Upper

76 100

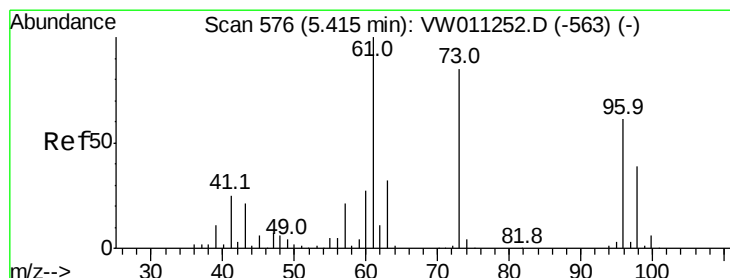
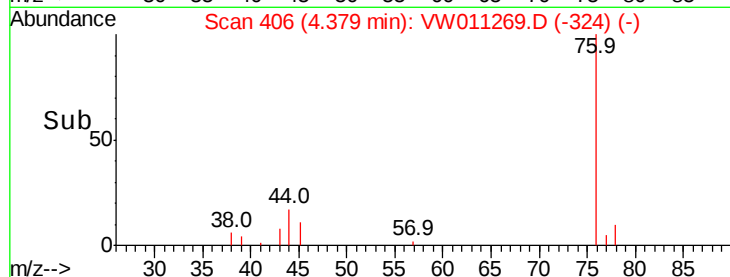
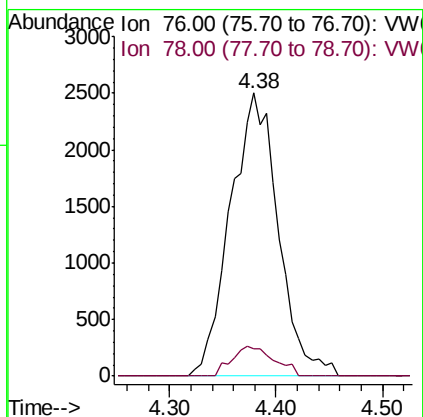
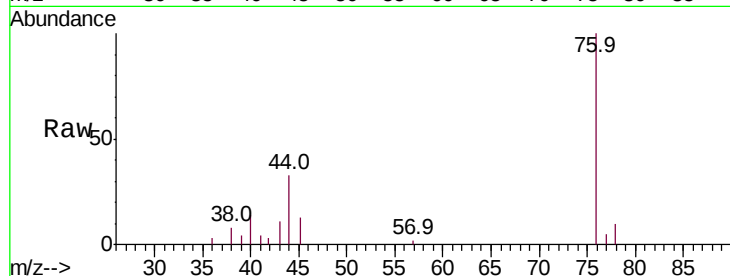
78 9.9 7.3 10.9

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#18

trans-1,2-Dichloroethene

Concen: 0.908 ug/L

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011269.D

Acq: 15 Jul 2019 18:51

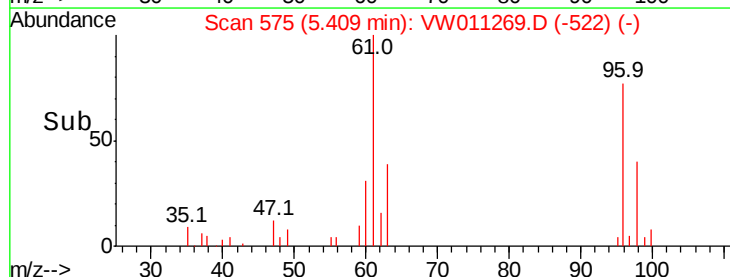
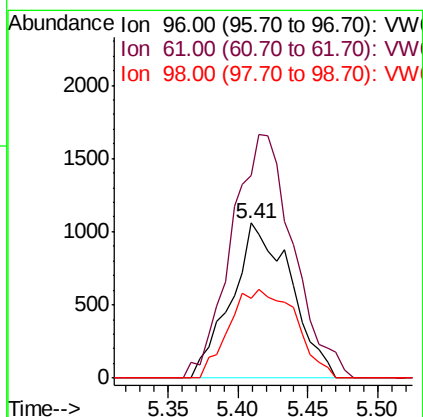
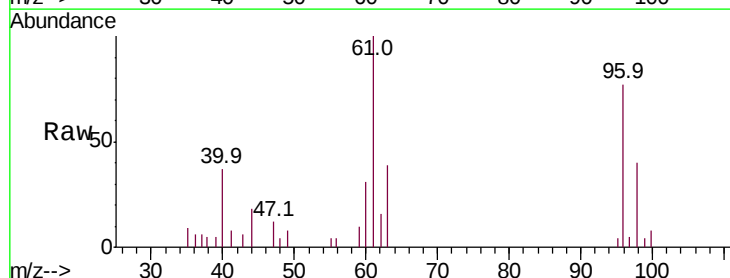
Tgt Ion: 96 Resp: 3146

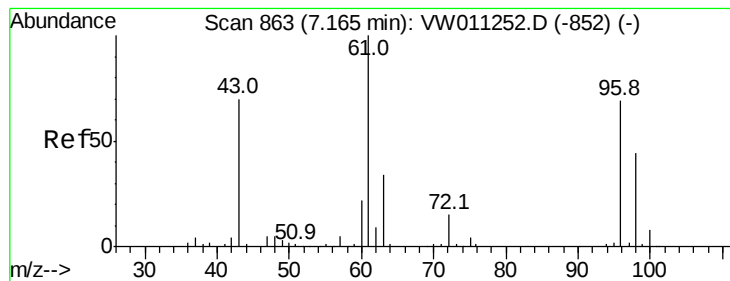
Ion Ratio Lower Upper

96 100

61 130.6 113.7 211.1

98 51.8 43.3 80.3





#21

2-Butanone

Concen: 6.357 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011269.D

Acq: 15 Jul 2019 18:51

Instrument :

MSVOA_W

ClientSampled :

A52H0

Tot Ion: 43 Resp: 12584

Ion Ratio Lower Upper

43 100

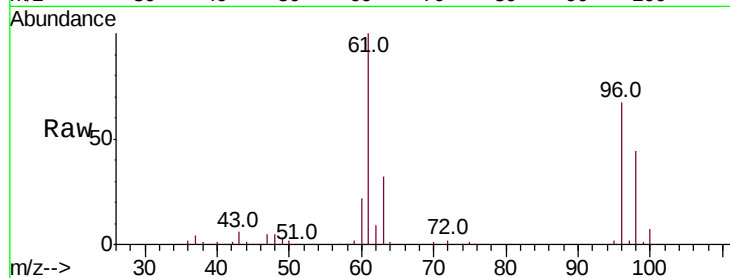
72 32.4 11.2 33.6

Manual Integrations

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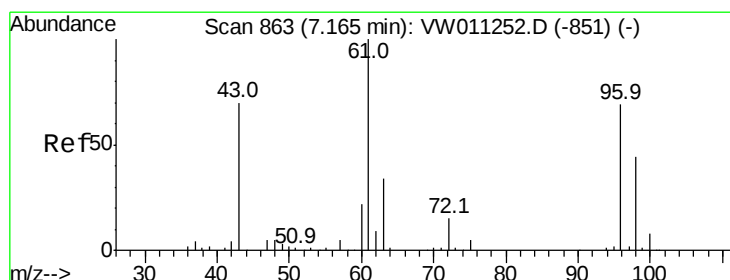
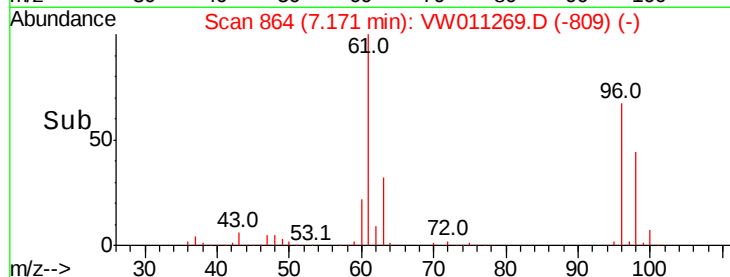
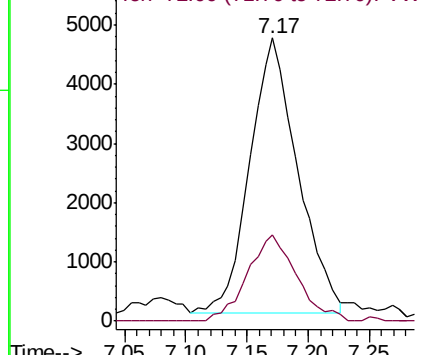
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#22

cis-1,2-Dichloroethene

Concen: 40.023 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011269.D

Acq: 15 Jul 2019 18:51

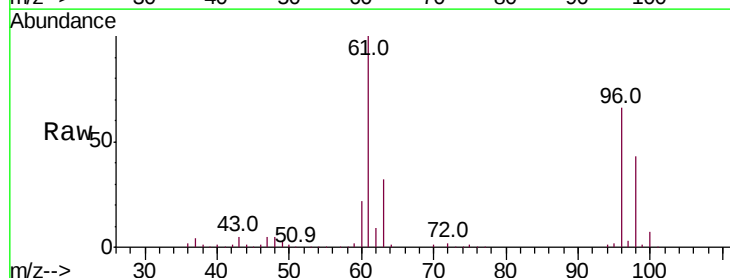
Tgt Ion: 96 Resp: 150152

Ion Ratio Lower Upper

96 100

61 150.4 103.2 191.6

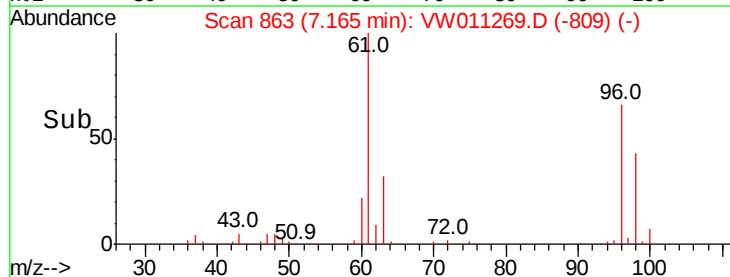
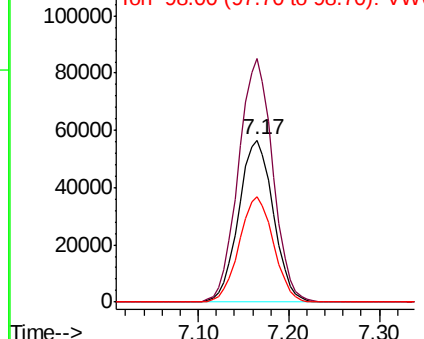
98 65.2 44.8 83.2

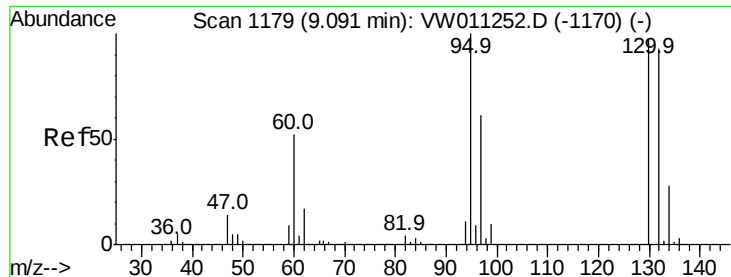


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35
 Trichloroethene
 Concen: 10.592 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW011269.D
 Acq: 15 Jul 2019 18:51

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.4	84.2
132	90.9	65.0	120.8
130	94.9	67.8	126.0

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