

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011380.D
 Acq On : 19 Jul 2019 16:15
 Operator : SY/VA
 Sample : K3863-14
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F4

Manual Integrations
 APPROVED

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 7/24/2019 12:49:01 AM

Quant Time: Jul 20 01:56:25 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	323879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	269999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56057	11.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.32%
7) Chloroethane-d5	2.89	69	50175	14.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.84%
10) 1,1-Dichloroethene-d2	4.02	63	113286	10.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.28%#
20) 2-Butanone-d5	7.07	46	85427	43.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.70%
24) Chloroform-d	7.65	84	156872	17.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.68%
26) 1,2-Dichloroethane-d4	8.31	65	101285	18.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.12%
29) Benzene-d6	8.27	84	304564	18.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.24%
33) 1,2-Dichloropropane-d6	9.27	67	108687	20.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.28%
37) Toluene-d8	10.32	98	245355	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.20%
38) trans-1,3-Dichloropropene-	10.58	79	40050	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.56%
39) 2-Hexanone-d5	10.93	63	58427	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91619	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	70350	17.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	11395	2.677	ug/L	# 1
13) Acetone	4.12	43	61637	32.392	ug/L	98
14) Carbon disulfide	4.38	76	26309	2.161	ug/L	95
15) Methyl Acetate	4.66	43	4712m	1.522	ug/L	
19) 1,1-Dichloroethane	6.21	63	16612	1.903	ug/L	94
21) 2-Butanone	7.18	43	7149	2.910	ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	12065	2.592	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	208105	37.137	ug/L	100
35) Trichloroethene	9.09	95	12485	2.932	ug/L	97
47) Tetrachloroethene	10.86	164	16229	5.043	ug/L	97

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

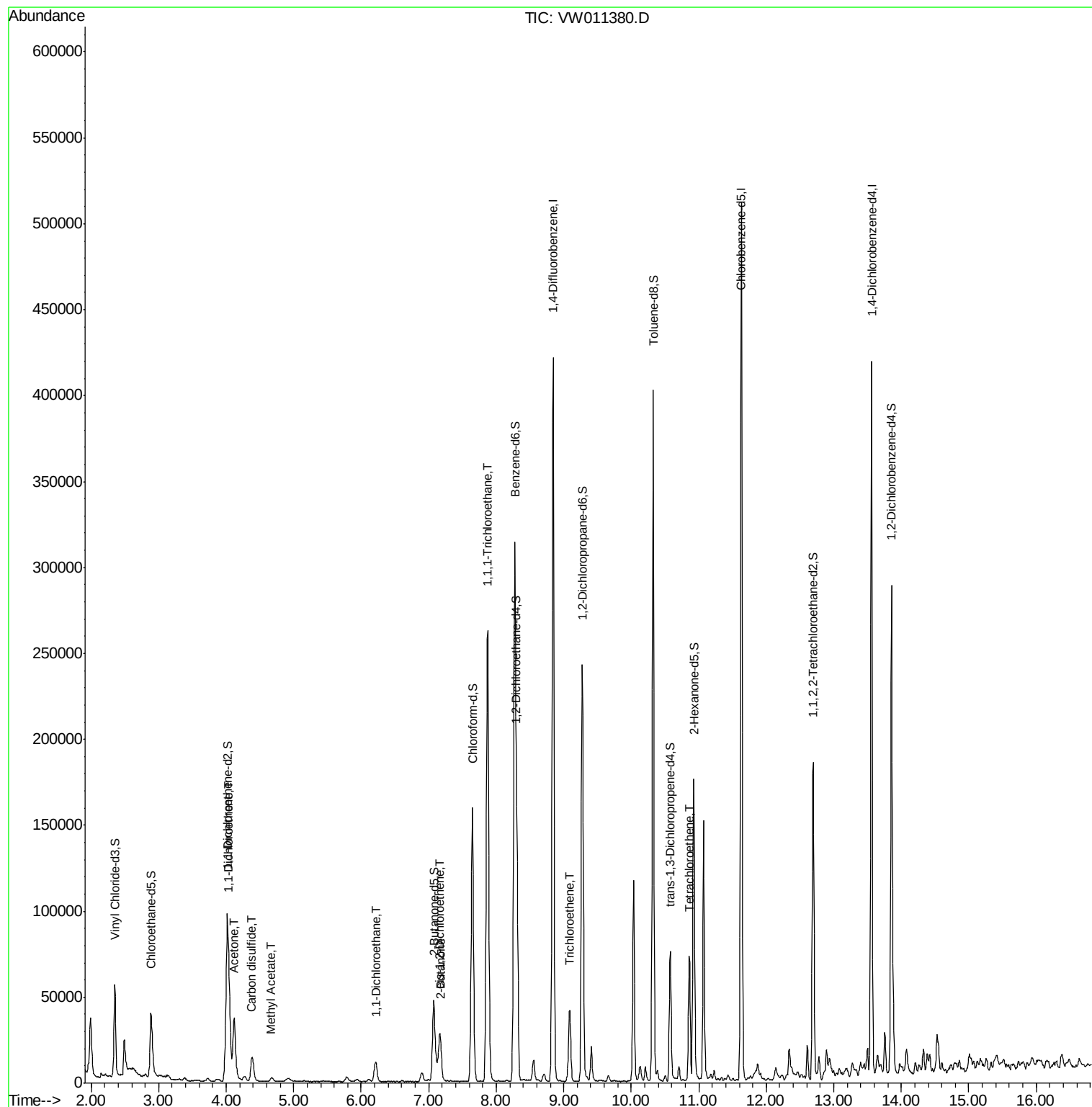
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011380.D
Acq On : 19 Jul 2019 16:15
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

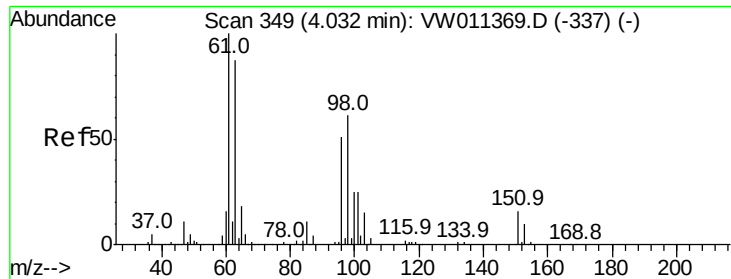
Instrument :
MSVOA_W
ClientSampleId :
A52F4

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Quant Time: Jul 20 01:56:25 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





#12

1,1-Dichloroethene

Concen: 2.677 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW011380.D

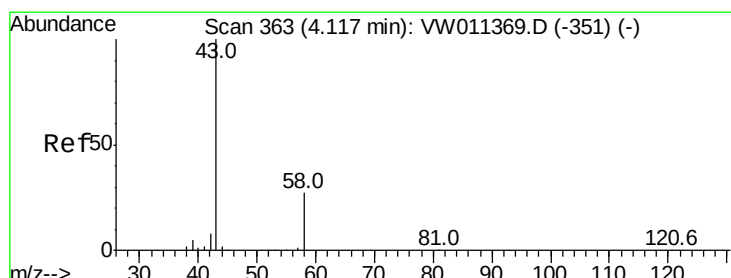
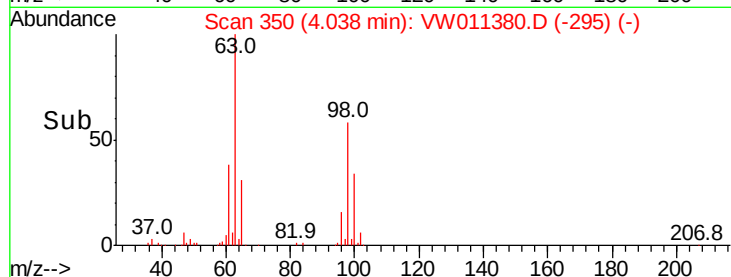
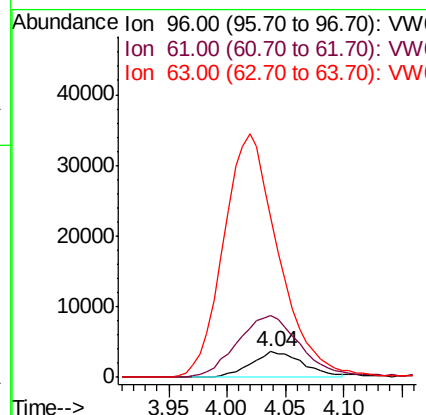
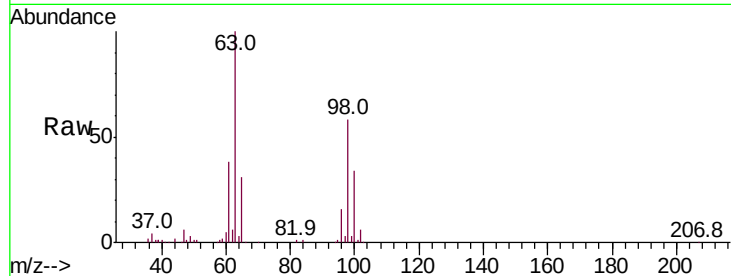
Acq: 19 Jul 2019 16:15

Instrument :
MSVOA_W
ClientSampled :
A52F4

Tot Ion	Ratio	Lower	Upper
96	100		
61	241.2	142.2	264.0
63	631.0	138.9	257.9#

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#13

Acetone

Concen: 32.392 ug/L

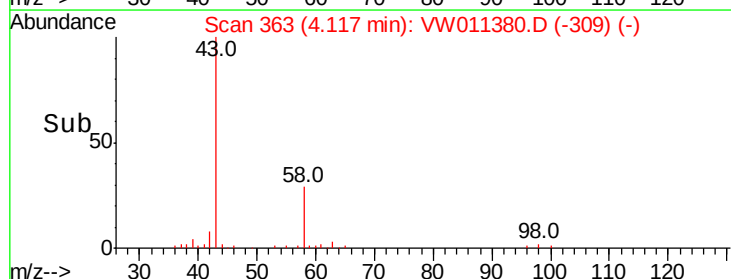
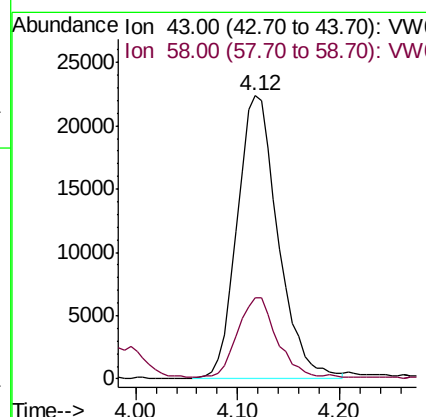
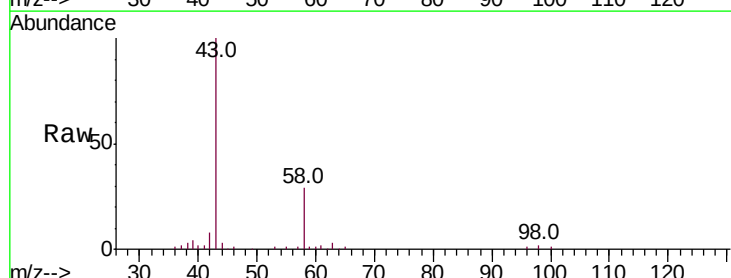
RT: 4.12 min Scan# 363

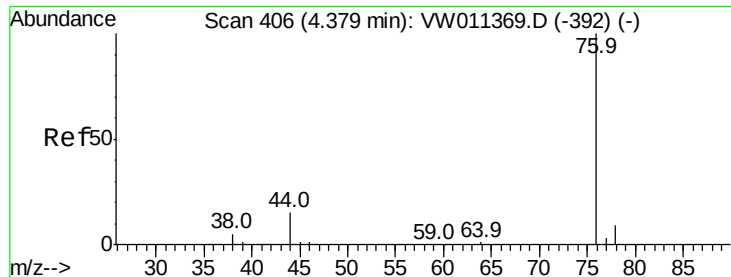
Delta R.T. 0.00 min

Lab File: VW011380.D

Acq: 19 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	55.0





#14

Carbon disulfide

Concen: 2.161 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011380.D

Acq: 19 Jul 2019 16:15

Instrument :

MSVOA_W

ClientSampled :

A52F4

Tot Ion: 76 Resp: 26309

Ion Ratio Lower Upper

76 100

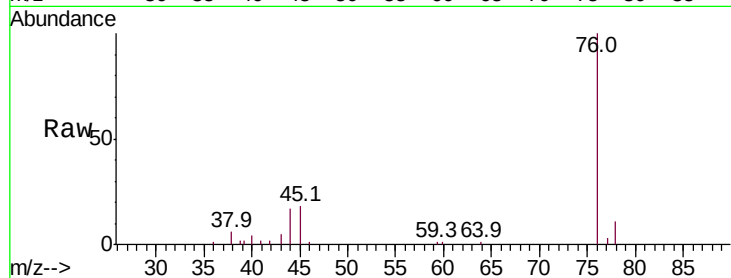
78 10.8 7.3 10.9

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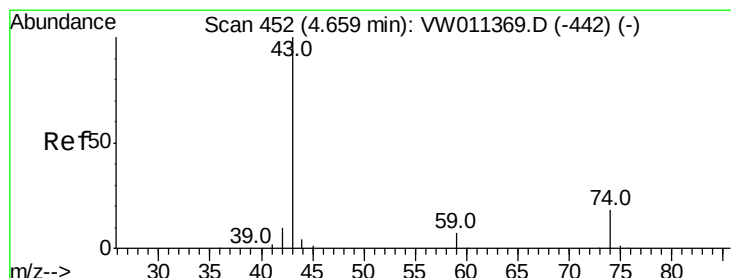
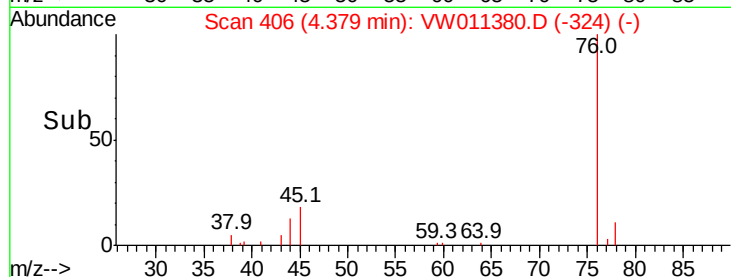
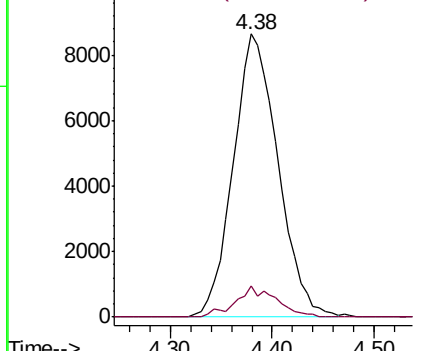
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Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#15

Methyl Acetate

Concen: 1.522 ug/L m

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011380.D

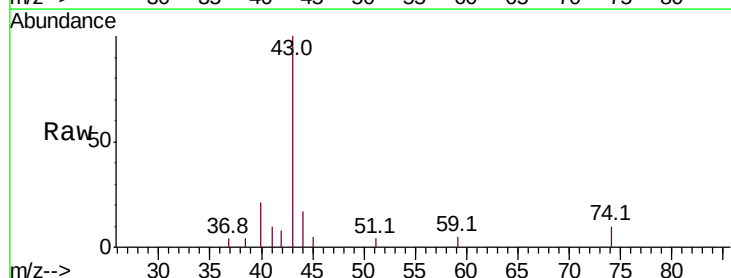
Acq: 19 Jul 2019 16:15

Tgt Ion: 43 Resp: 4712

Ion Ratio Lower Upper

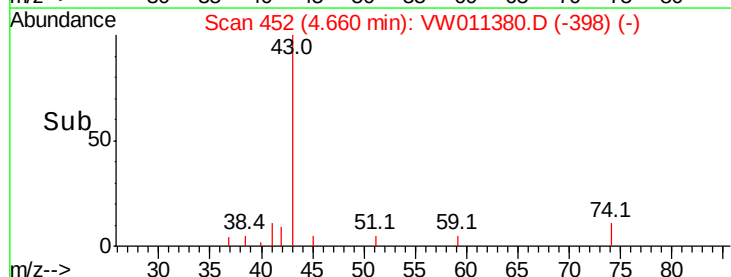
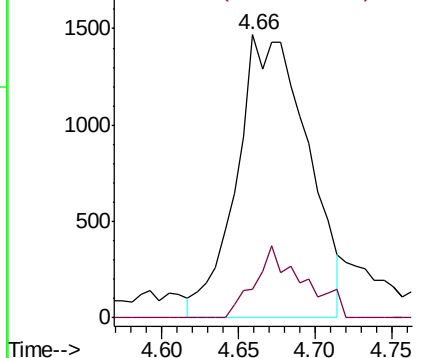
43 100

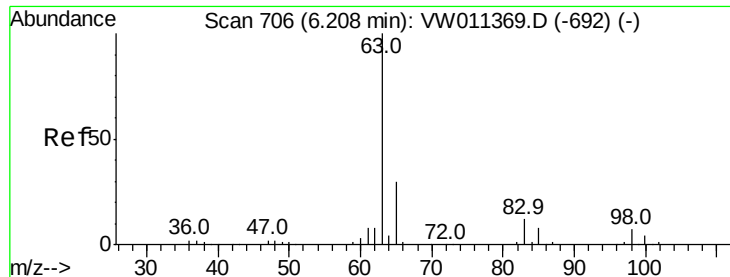
74 15.3 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





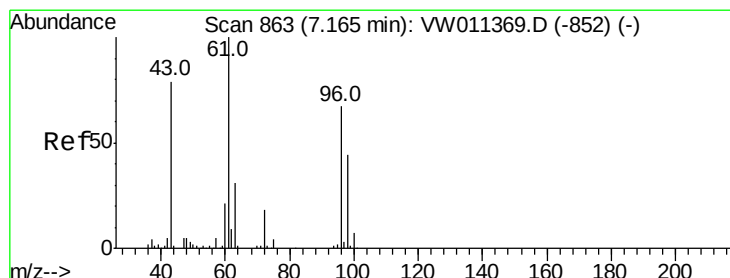
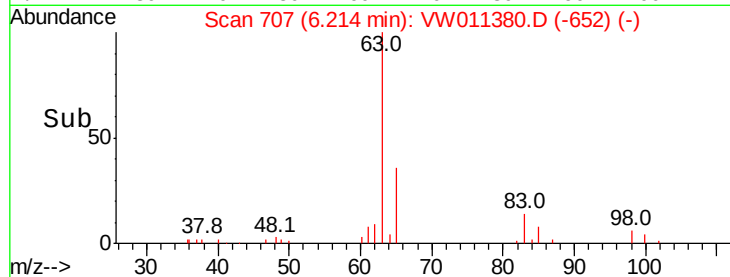
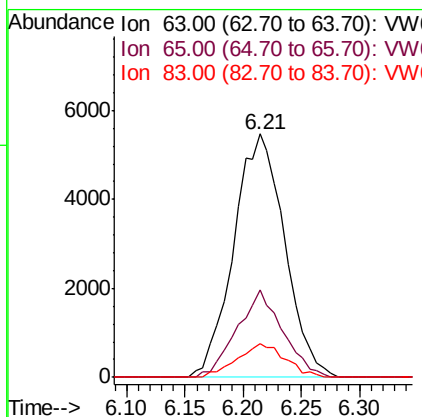
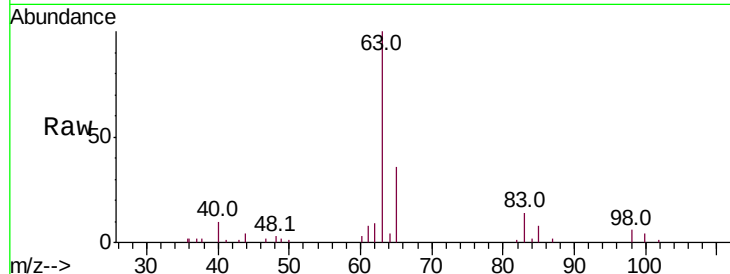
#19
 1,1-Dichloroethane
 Concen: 1.903 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW011380.D
 Acq: 19 Jul 2019 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F4

Tot Ion	Ratio	Resp	Lower	Upper
63	100	16612		
65	35.8		22.1	41.1
83	13.8		9.0	16.6

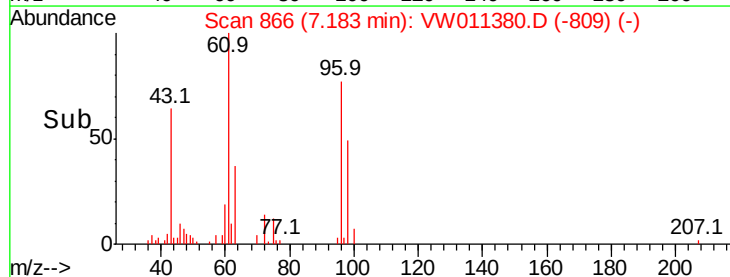
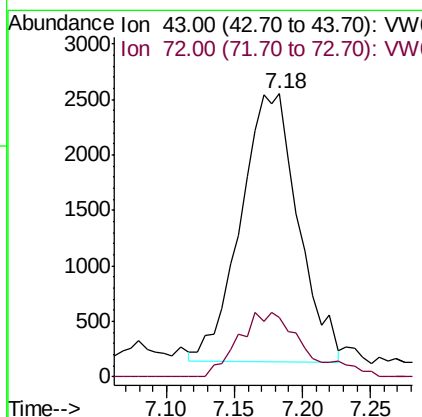
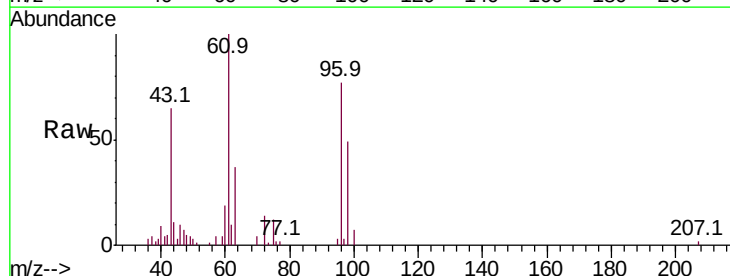
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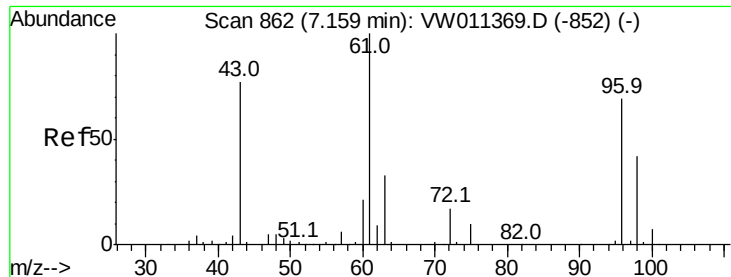
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#21
 2-Butanone
 Concen: 2.910 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.02 min
 Lab File: VW011380.D
 Acq: 19 Jul 2019 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	7149		
72	11.8		11.2	33.6





#22

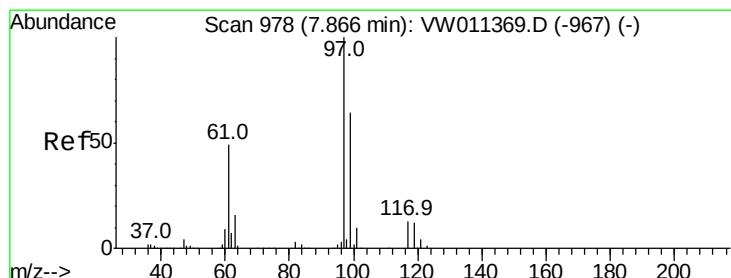
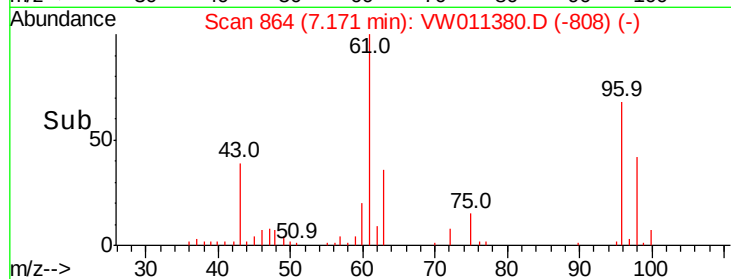
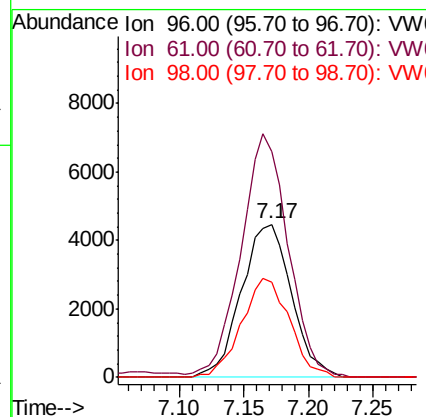
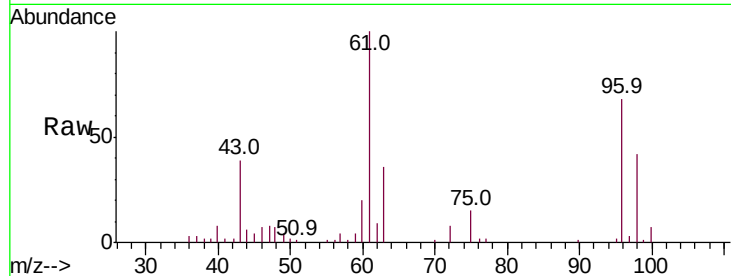
cis-1,2-Dichloroethene
Concen: 2.592 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011380.D
Acq: 19 Jul 2019 16:15

Instrument :
MSVOA_W
ClientSampleId :
A52F4

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	103.2	191.6
98	62.1	44.8	83.2

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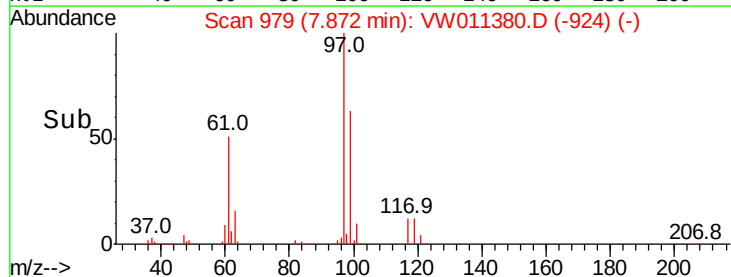
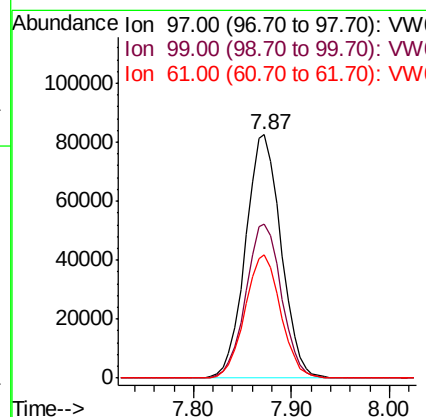
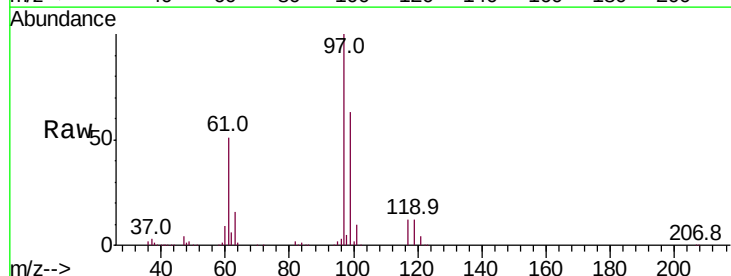
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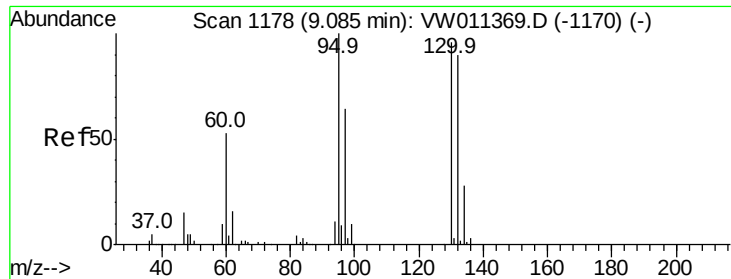


#31

1,1,1-Trichloroethane
Concen: 37.137 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW011380.D
Acq: 19 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	75.8
61	50.8	40.9	61.3





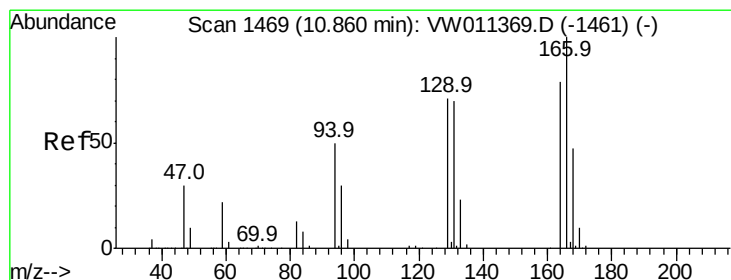
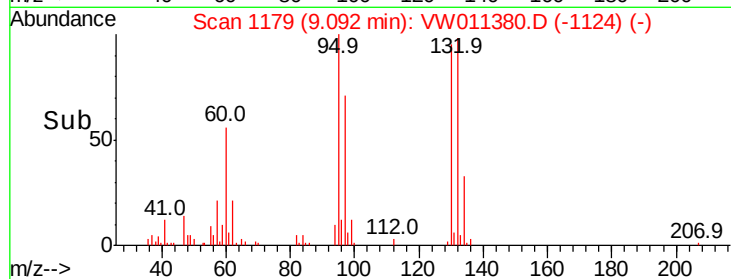
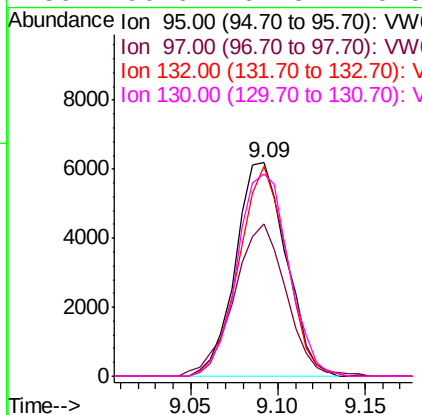
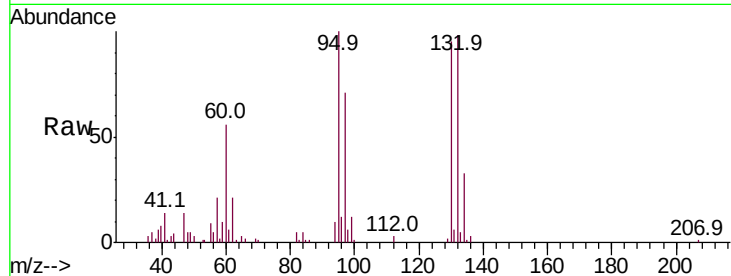
#35
 Trichloroethene
 Concen: 2.932 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW011380.D
 Acq: 19 Jul 2019 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F4

Tot Ion	95	Resp	12485
Ion	Ratio	Lower	Upper
95	100		
97	73.2	45.4	84.2
132	92.7	65.0	120.8
130	96.6	67.8	126.0

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#47
 Tetrachloroethene
 Concen: 5.043 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW011380.D
 Acq: 19 Jul 2019 16:15

Tgt Ion	164	Resp	16229
Ion	Ratio	Lower	Upper
164	100		
129	92.8	68.5	127.1
131	89.5	64.8	120.4
166	127.9	87.9	163.3

