

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072319\
 Data File : VW011437.D
 Acq On : 23 Jul 2019 11:26
 Operator : SY/VA
 Sample : K3922-03MSD
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MSD

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:04:39 PM

Quant Time: Jul 24 01:34:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 01:19:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	407546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128189	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
7) Chloroethane-d5	2.89	69	94717	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
10) 1,1-Dichloroethene-d2	4.02	63	278310	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.32%
20) 2-Butanone-d5	7.08	46	96317	41.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.14%
24) Chloroform-d	7.65	84	227285	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.31	65	138351	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	8.27	84	477272	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
33) 1,2-Dichloropropane-d6	9.27	67	155857	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	10.32	98	387030	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	60629	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	10.92	63	68094	52.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98463	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	70348	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	4.04	96	113932m	21.047	ug/L	
13) Acetone	4.12	43	48423	19.755	ug/L	97
15) Methyl Acetate	4.68	43	6869	1.825	ug/L #	89
21) 2-Butanone	7.18	43	6640	2.108	ug/L	95
34) Benzene	8.32	78	517220	26.002	ug/L	100
35) Trichloroethene	9.09	95	119332	23.603	ug/L	99
44) Toluene	10.39	91	521621	25.566	ug/L	99
52) Chlorobenzene	11.66	112	263562	21.420	ug/L	99

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

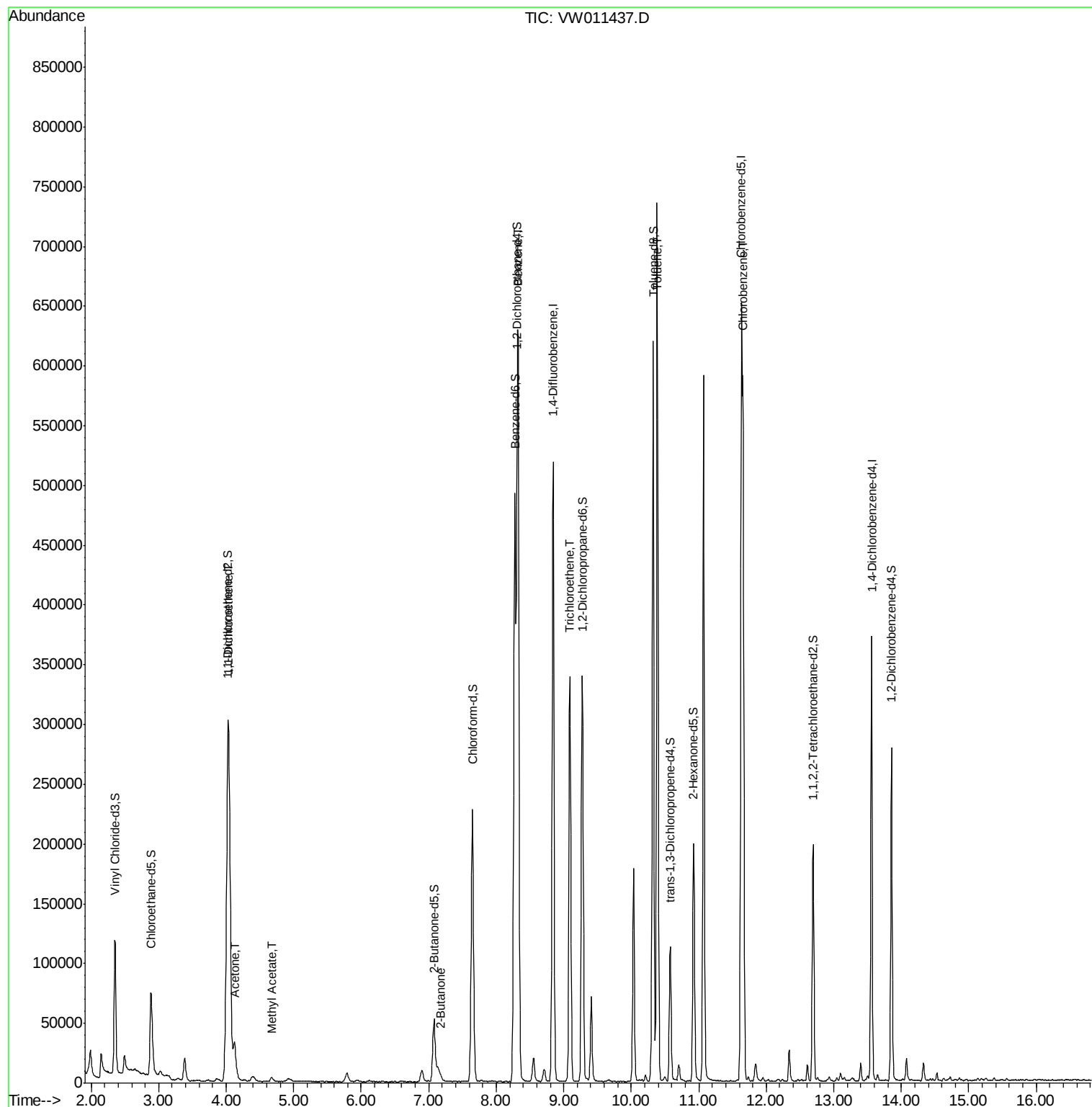
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072319\
Data File : VW011437.D
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Operator : SY/VA
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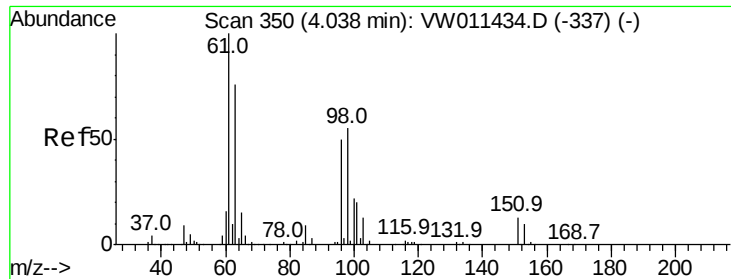
Instrument :
MSVOA_W
ClientSampleId :
A52F0MSD

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Quant Time: Jul 24 01:34:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
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QLast Update : Wed Jul 24 01:19:38 2019
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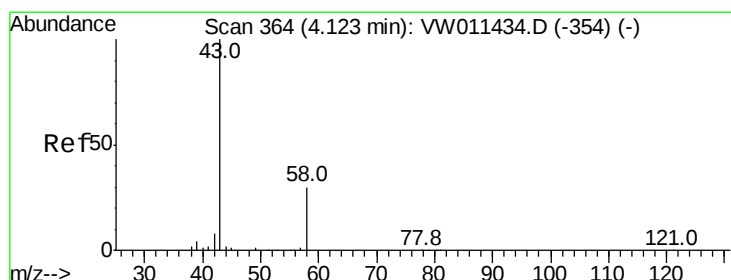
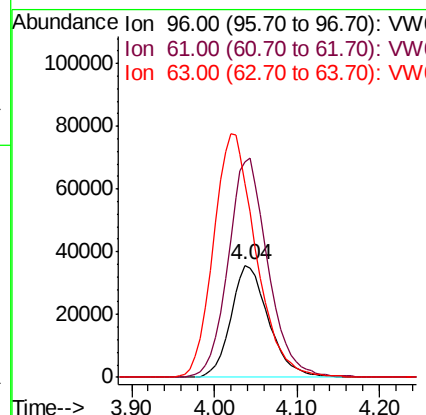
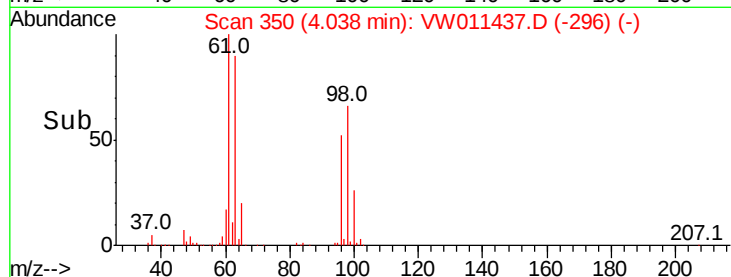
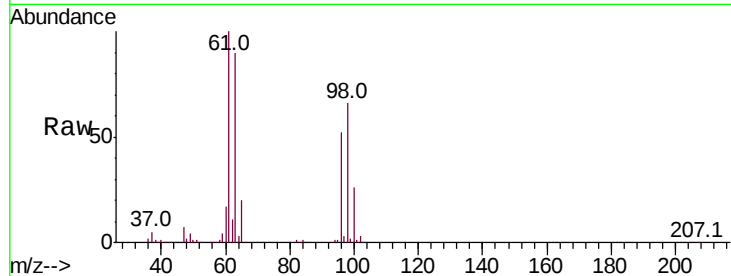
#12
 1,1-Dichloroethene
 Concen: 21.047 ug/L m
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011437.D
 Acq: 23 Jul 2019 11:26

Instrument :
 MSVOA_W
 ClientSampled :
 A52F0MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	191.2	133.2	247.4
63	172.0	89.9	166.9#

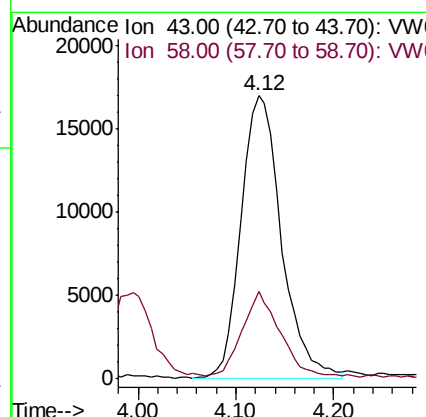
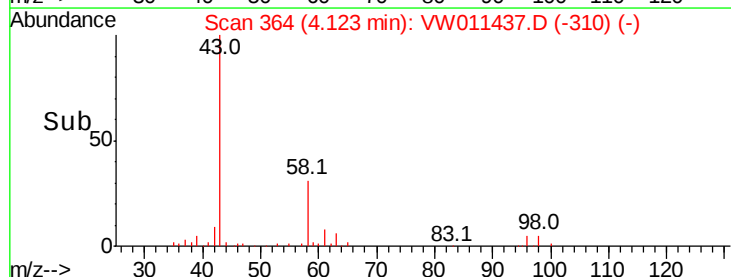
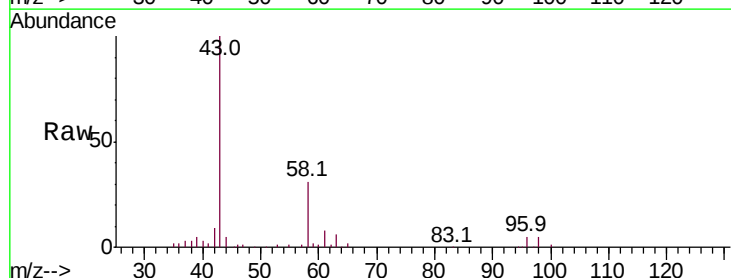
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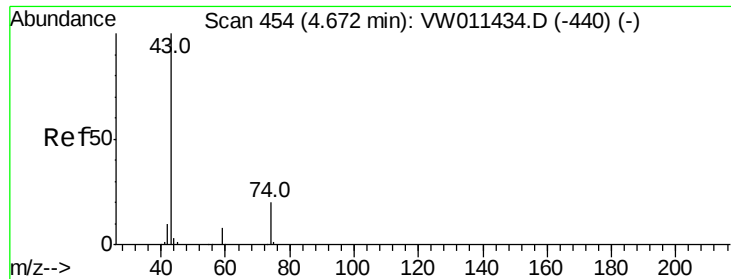
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#13
 Acetone
 Concen: 19.755 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW011437.D
 Acq: 23 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	57.2





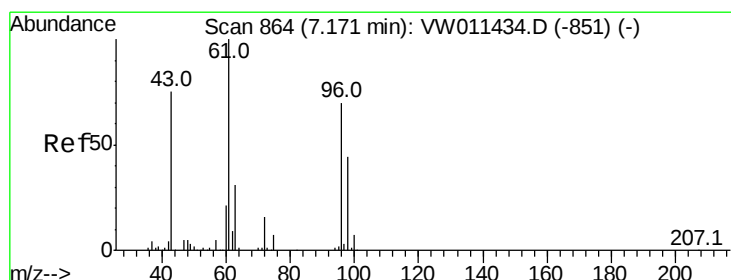
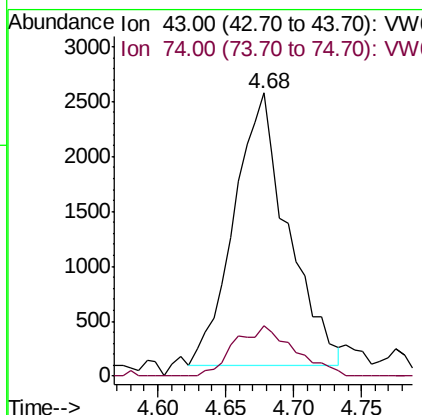
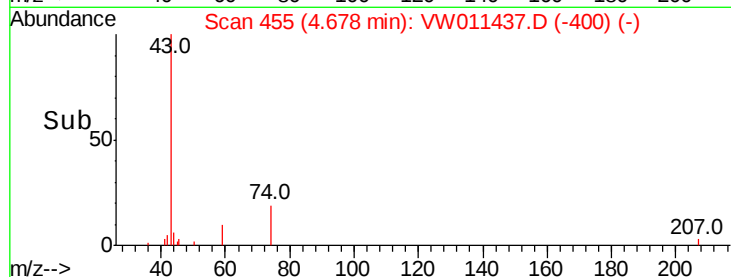
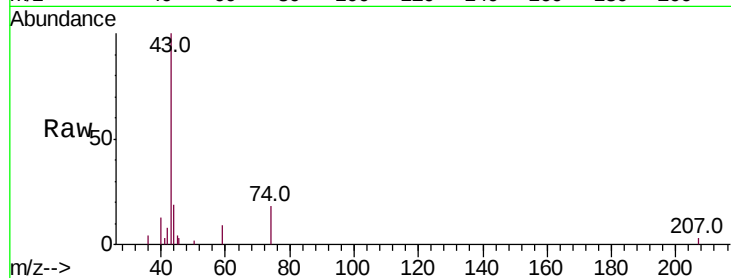
#15
Methyl Acetate
Concen: 1.825 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011437.D
Acq: 23 Jul 2019 11:26

Instrument :
MSVOA_W
ClientSampleId :
A52F0MSD

Tot Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
74 14.2 15.2 22.8#

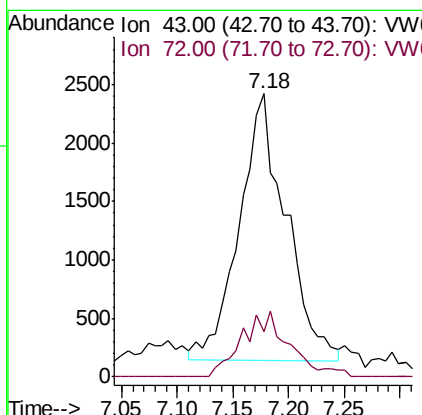
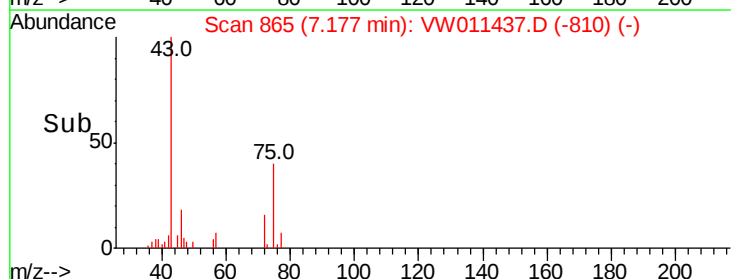
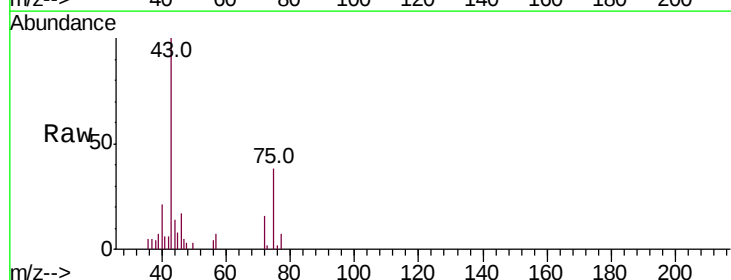
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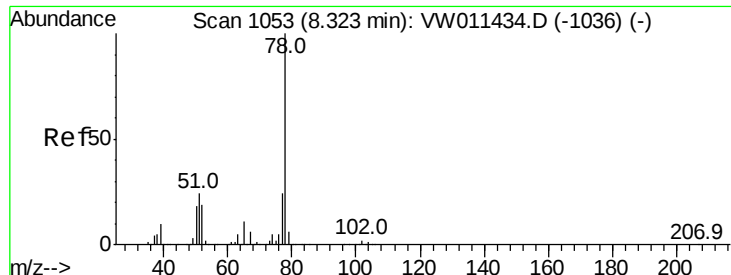
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#21
2-Butanone
Concen: 2.108 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011437.D
Acq: 23 Jul 2019 11:26

Tgt Ion: 43 Resp: 6640
Ion Ratio Lower Upper
43 100
72 23.5 10.5 31.6





#34

Benzene

Concen: 26.002 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW011437.D

Acq: 23 Jul 2019 11:26

Instrument :

MSVOA_W

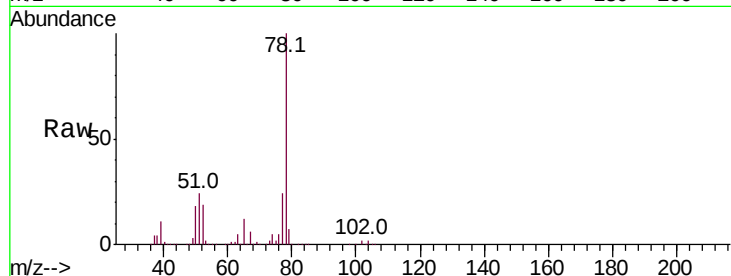
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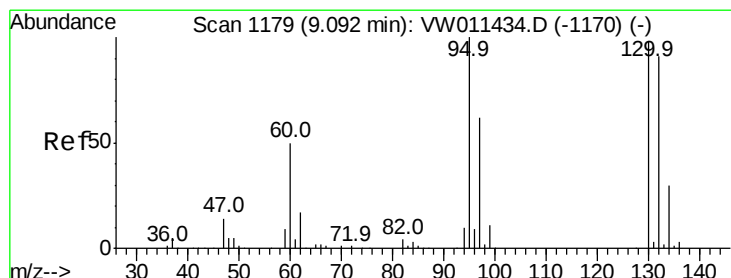
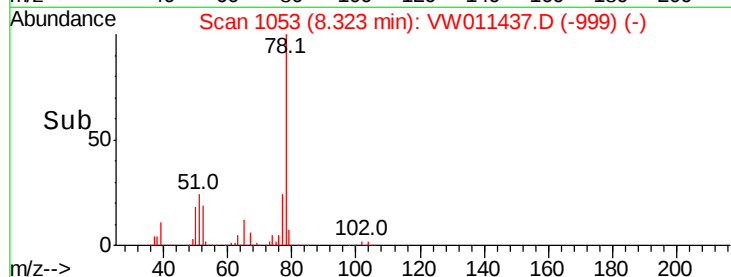
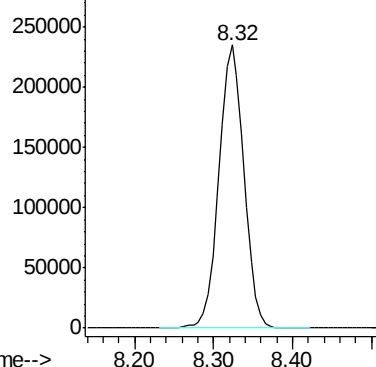
Tgt Ion: 78 Resp: 517220

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.603 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011437.D

Acq: 23 Jul 2019 11:26

Tgt Ion: 95 Resp: 119332

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.6	82.8
132	93.4	66.0	122.6
130	96.2	68.4	127.0

95 100

97 63.8 44.6 82.8

132 93.4 66.0 122.6

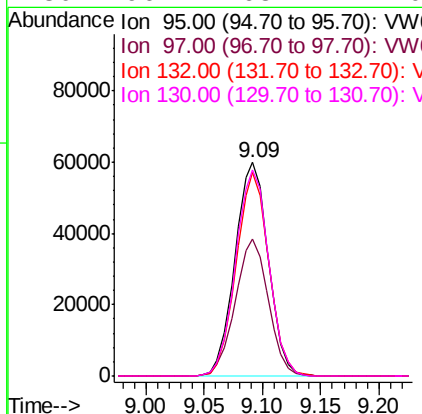
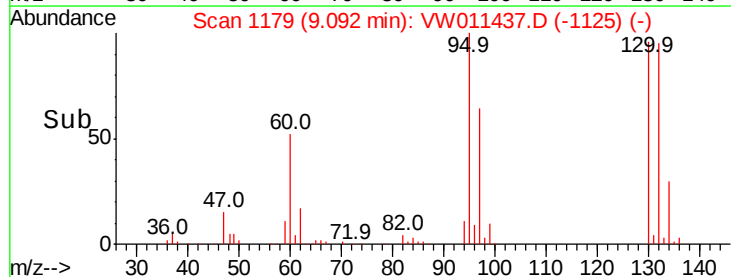
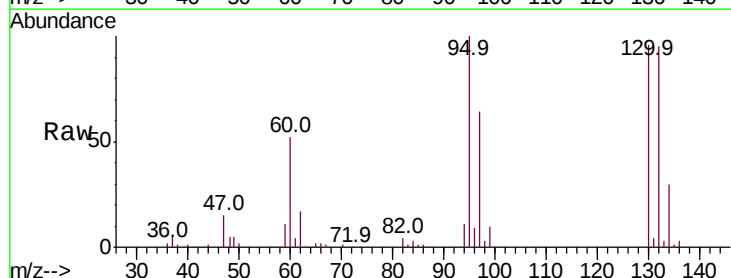
130 96.2 68.4 127.0

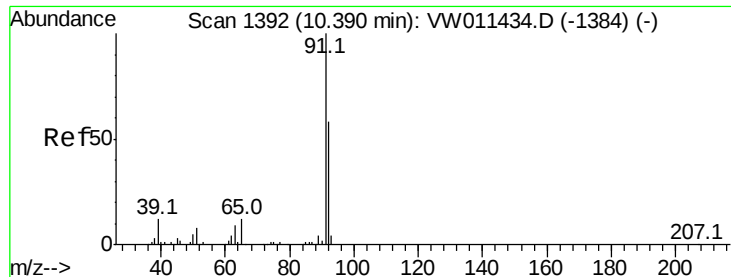
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 25.566 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW011437.D

Acq: 23 Jul 2019 11:26

Instrument :

MSVOA_W

ClientSampleId :

A52F0MSD

Tot Ion: 91 Resp: 521621

Ion Ratio Lower Upper

91 100

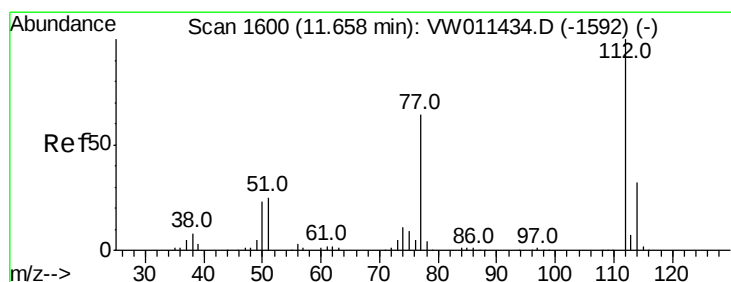
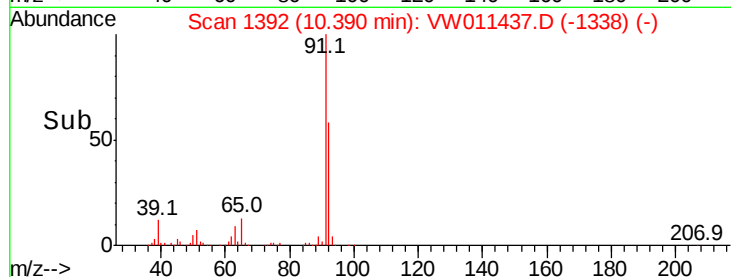
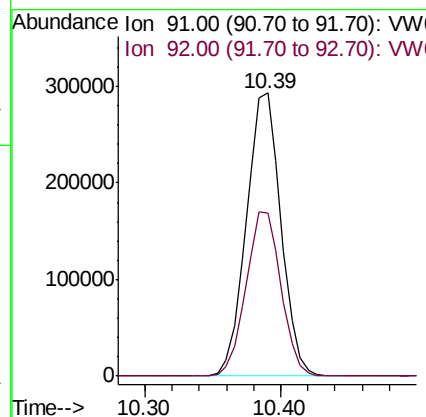
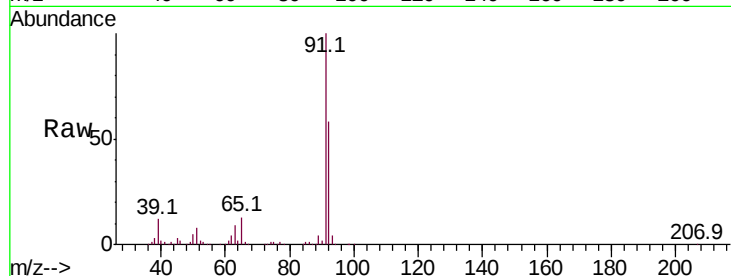
92 57.8 41.2 76.4

Manual Integrations

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#52

Chlorobenzene

Concen: 21.420 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011437.D

Acq: 23 Jul 2019 11:26

Tgt Ion: 112 Resp: 263562

Ion Ratio Lower Upper

112 100

77 64.0 52.2 78.2

114 32.3 22.0 41.0

