

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015901.D
 Acq On : 22 Jul 2020 11:36
 Operator : SY/VA
 Sample : L3348-01
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY7

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:12:39 PM

Quant Time: Jul 23 03:13:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98748	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147025	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.90	69	111147	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	207366	14.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.48%
20) 2-Butanone-d5	7.09	46	69370	37.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.65	84	252211	18.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.24%
26) 1,2-Dichloroethane-d4	8.31	65	140718	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	502999	22.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.24%
33) 1,2-Dichloropropane-d6	9.27	67	150638	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	10.32	98	415307	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	55120	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	49263	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97345	18.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	70733	18.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.48%#

Target Compounds

					Ovalue
13) Acetone	4.14	43	48617	31.413 ug/L	97
14) Carbon disulfide	4.38	76	18260	0.905 ug/L	99
15) Methyl Acetate	4.68	43	2686m	0.920 ug/L	
21) 2-Butanone	7.18	43	5955	3.112 ug/L	76
34) Benzene	8.33	78	11260	0.495 ug/L	100
36) Methylcyclohexane	9.34	83	8453	0.818 ug/L #	82
44) Toluene	10.39	91	13852	0.580 ug/L	96
47) Tetrachloroethene	10.87	164	52635	11.266 ug/L	92

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

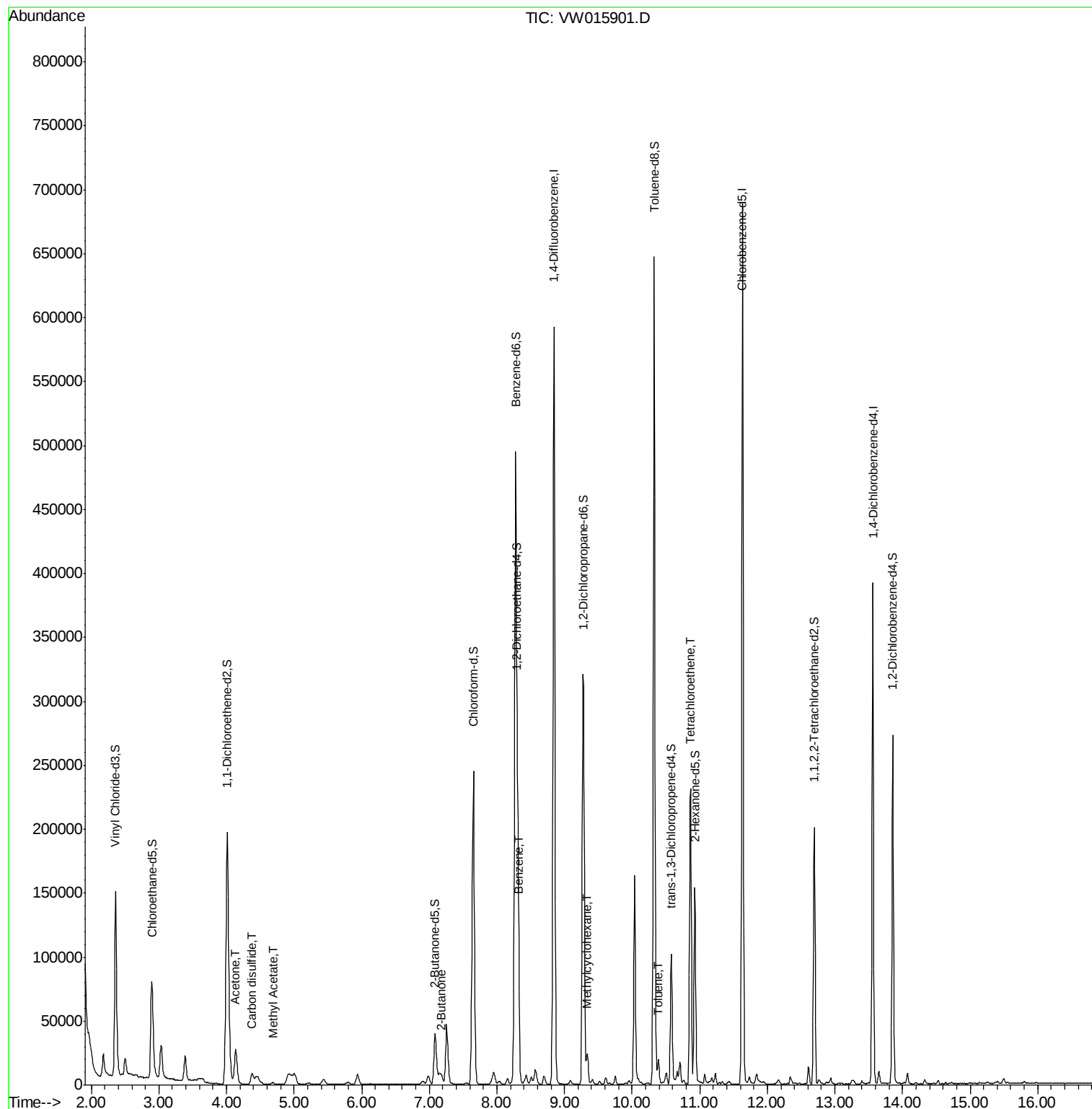
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015901.D
Acq On : 22 Jul 2020 11:36
Operator : SY/VA
Sample : L3348-01
Misc : 5.54G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

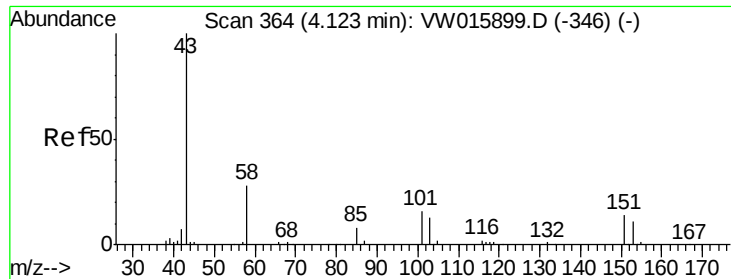
Instrument :
MSVOA_W
ClientSampleId :
GAXY7

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Quant Time: Jul 23 03:13:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 31.413 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

ClientSampleId :

GAXY7

Tot Ion: 43 Resp: 48617

Ion Ratio Lower Upper

43 100

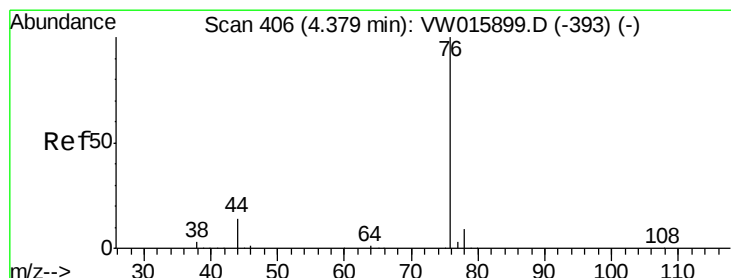
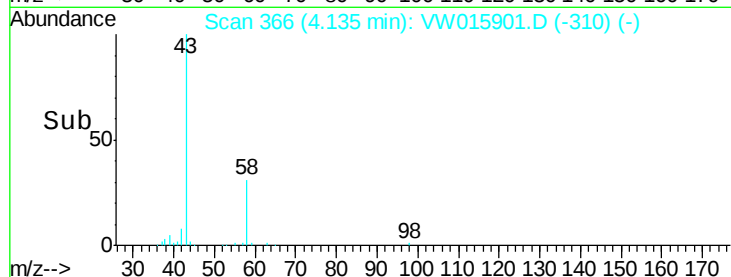
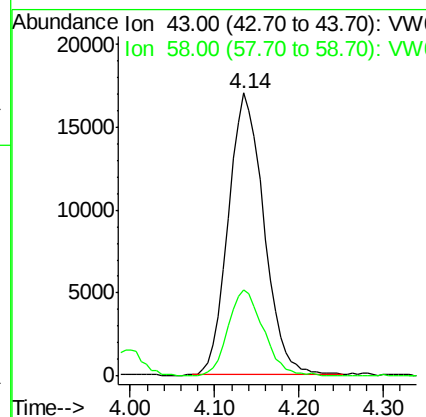
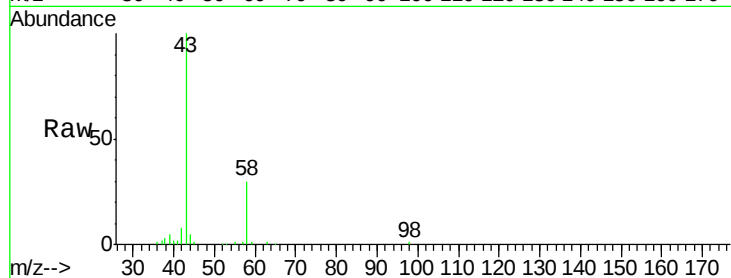
58 30.5 0.0 58.2

Manual Integrations

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#14

Carbon disulfide

Concen: 0.905 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015901.D

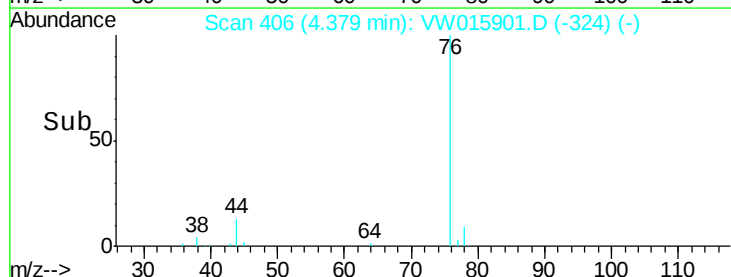
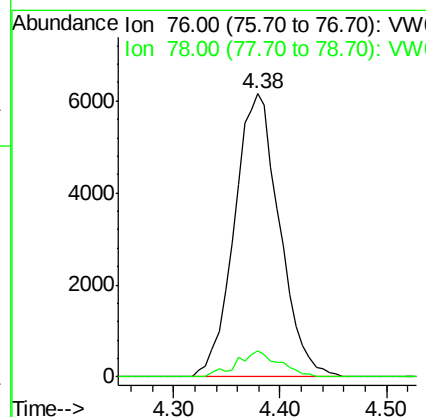
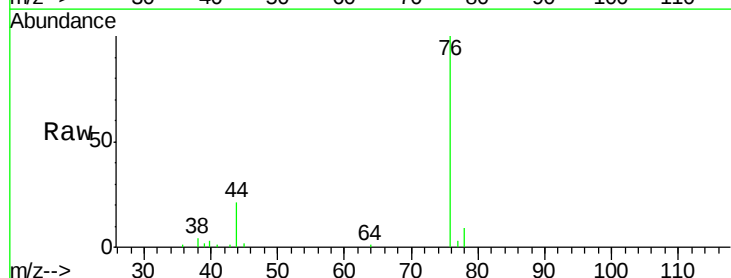
Acq: 22 Jul 2020 11:36

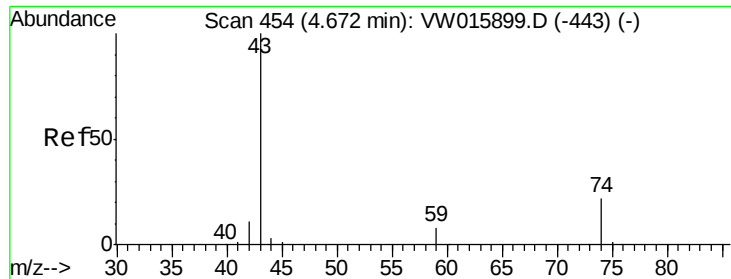
Tgt Ion: 76 Resp: 18260

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methyl Acetate

Concen: 0.920 ug/L m

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

ClientSampled :

GAXY7

Tot Ion: 43 Resp: 2686

Ion Ratio Lower Upper

43 100

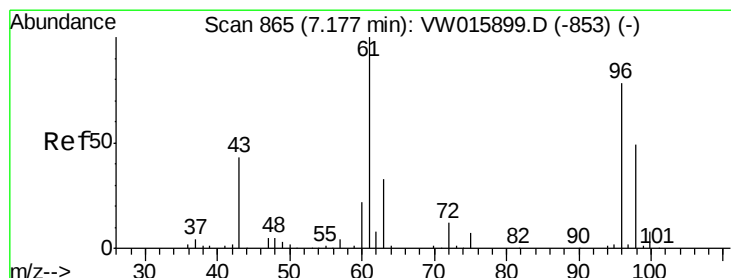
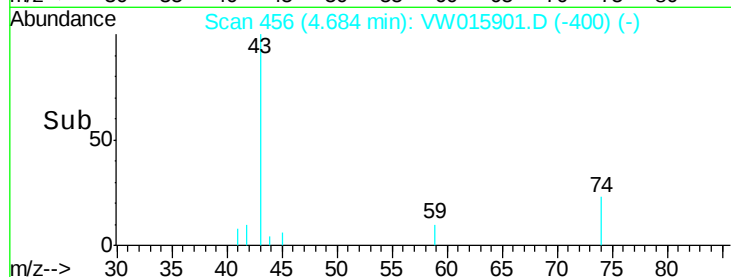
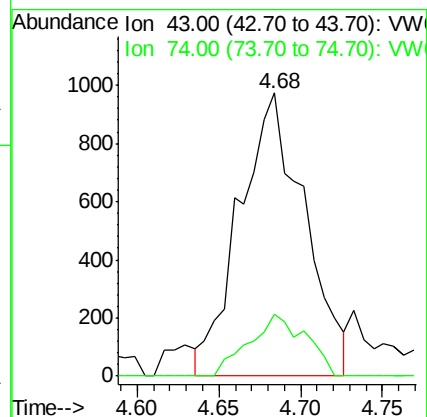
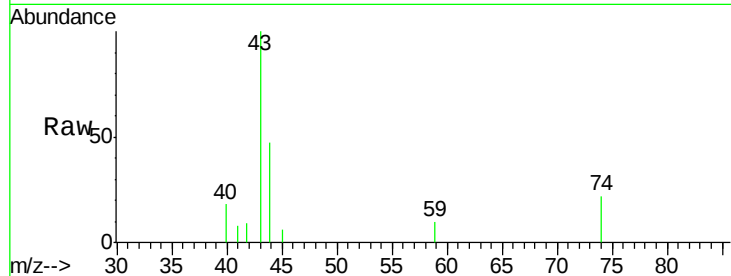
74 19.0 18.2 27.2

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#21

2-Butanone

Concen: 3.112 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015901.D

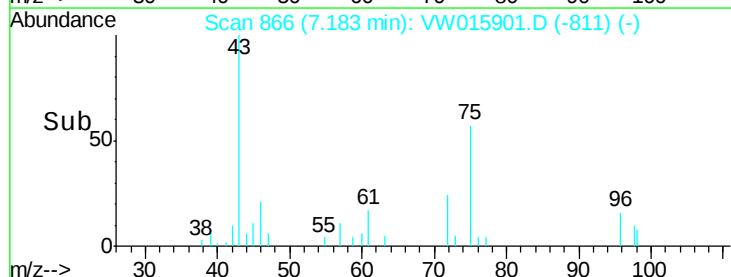
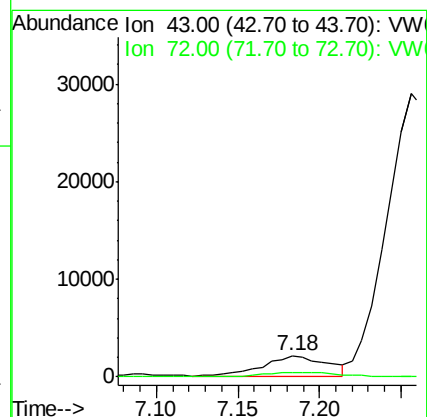
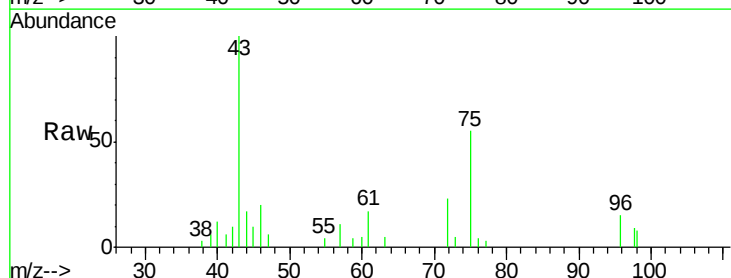
Acq: 22 Jul 2020 11:36

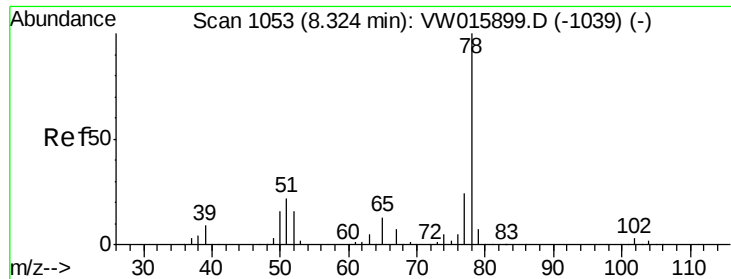
Tgt Ion: 43 Resp: 5955

Ion Ratio Lower Upper

43 100

72 15.1 13.9 41.7





#34

Benzene

Concen: 0.495 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

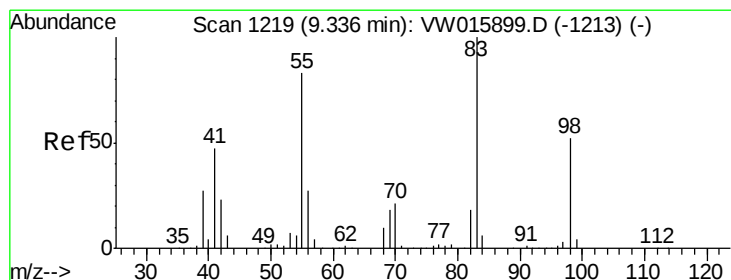
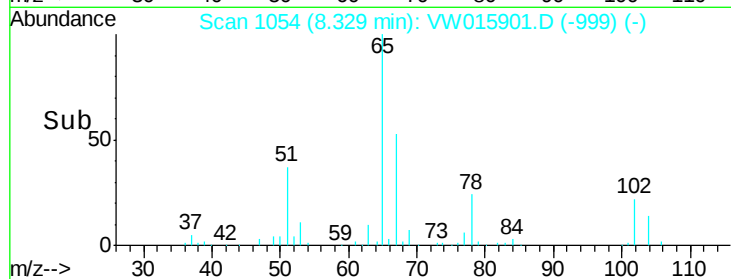
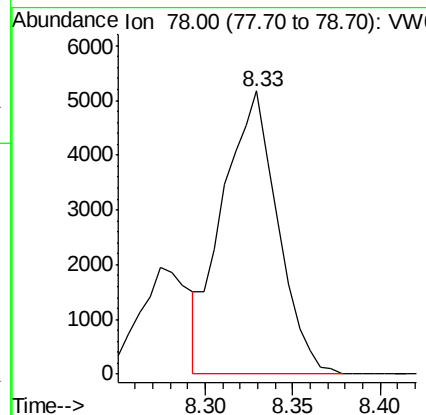
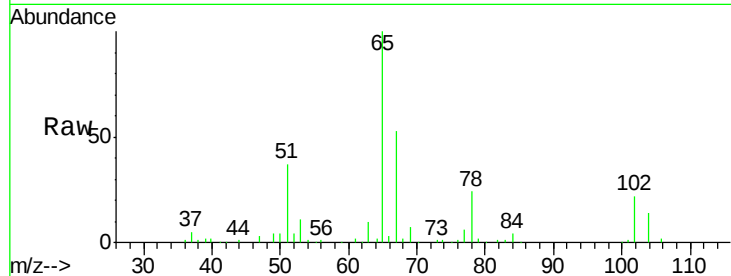
ClientSampleId :

GAXY7

Tgt Ion: 78 Resp: 11260

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#36

Methylcyclohexane

Concen: 0.818 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015901.D

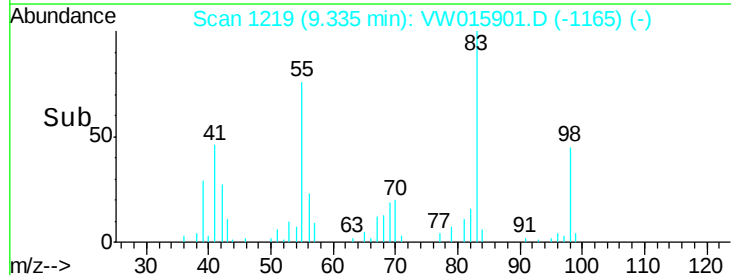
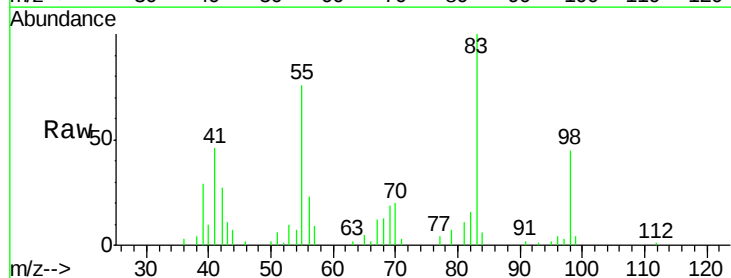
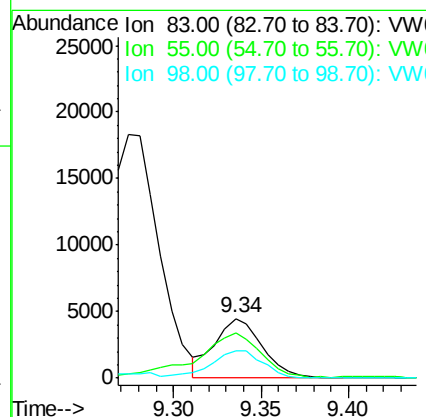
Acq: 22 Jul 2020 11:36

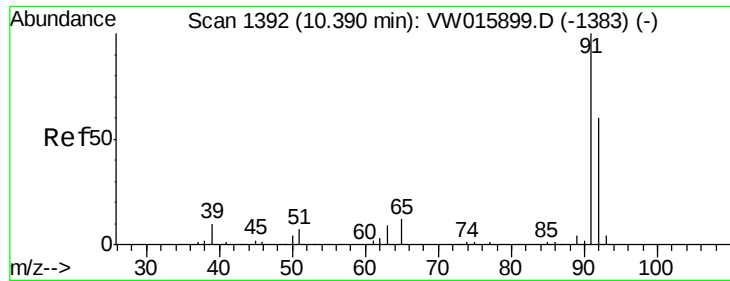
Tgt Ion: 83 Resp: 8453

Ion	Ratio	Lower	Upper
83	100		

55	104.0	63.5	95.3#
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98	50.1	39.0	58.4
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#44

Toluene

Concen: 0.580 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

ClientSampleId :

GAXY7

Tot Ion: 91 Resp: 13852

Ion Ratio Lower Upper

91 100

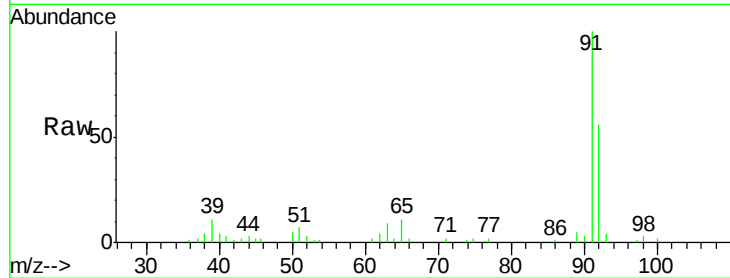
92 56.2 41.2 76.4

Manual Integrations

APPROVED

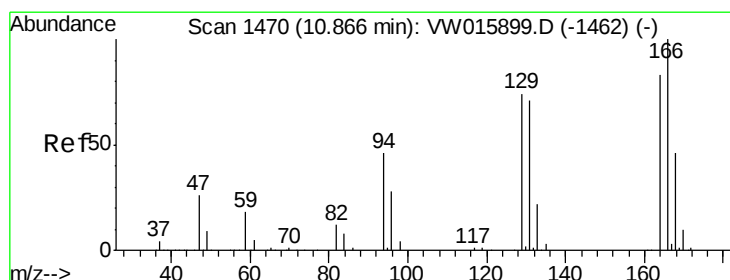
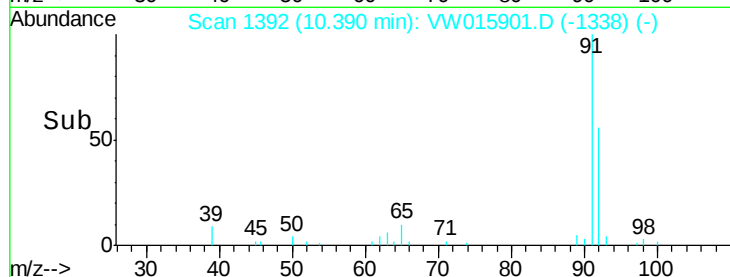
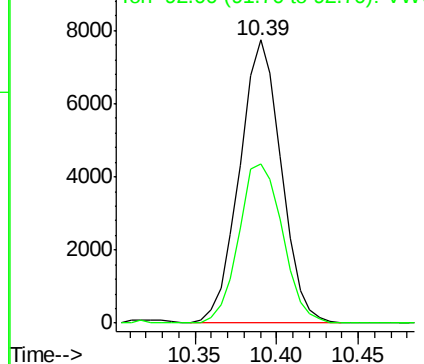
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 11.266 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Tgt Ion: 164 Resp: 52635

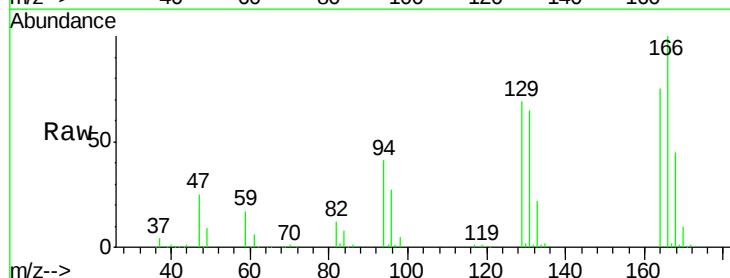
Ion Ratio Lower Upper

164 100

129 91.1 70.0 130.0

131 86.6 67.3 124.9

166 132.9 88.5 164.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

