

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013840.D
 Acq On : 30 Oct 2019 16:26
 Operator : SY/VA
 Sample : K5596-02
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA3

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:48:05 AM

Quant Time: Nov 12 02:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82768	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.28%
7) Chloroethane-d5	2.89	69	65954	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.02	63	122554	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.07	46	81095	68.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.02%#
24) Chloroform-d	7.65	84	179628	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.31	65	105612	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	8.27	84	371289	25.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.88%
33) 1,2-Dichloropropane-d6	9.27	67	121387	28.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.72%
37) Toluene-d8	10.32	98	335685	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.84%
38) trans-1,3-Dichloropropene-	10.58	79	51487	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.92%
39) 2-Hexanone-d5	10.92	63	66679	81.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.38%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111804	31.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	85700	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds

					Qvalue
13) Acetone	4.12	43	29400	22.215 ug/L	62
14) Carbon disulfide	4.39	76	7156	0.579 ug/L #	90
15) Methyl Acetate	4.67	43	7469m	3.454 ug/L	
21) 2-Butanone	7.18	43	6076	3.616 ug/L	84
30) Cyclohexane	7.95	56	113107	16.225 ug/L	86
36) Methylcyclohexane	9.34	83	176991m	22.923 ug/L	
44) Toluene	10.38	91	9790	0.534 ug/L	90

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

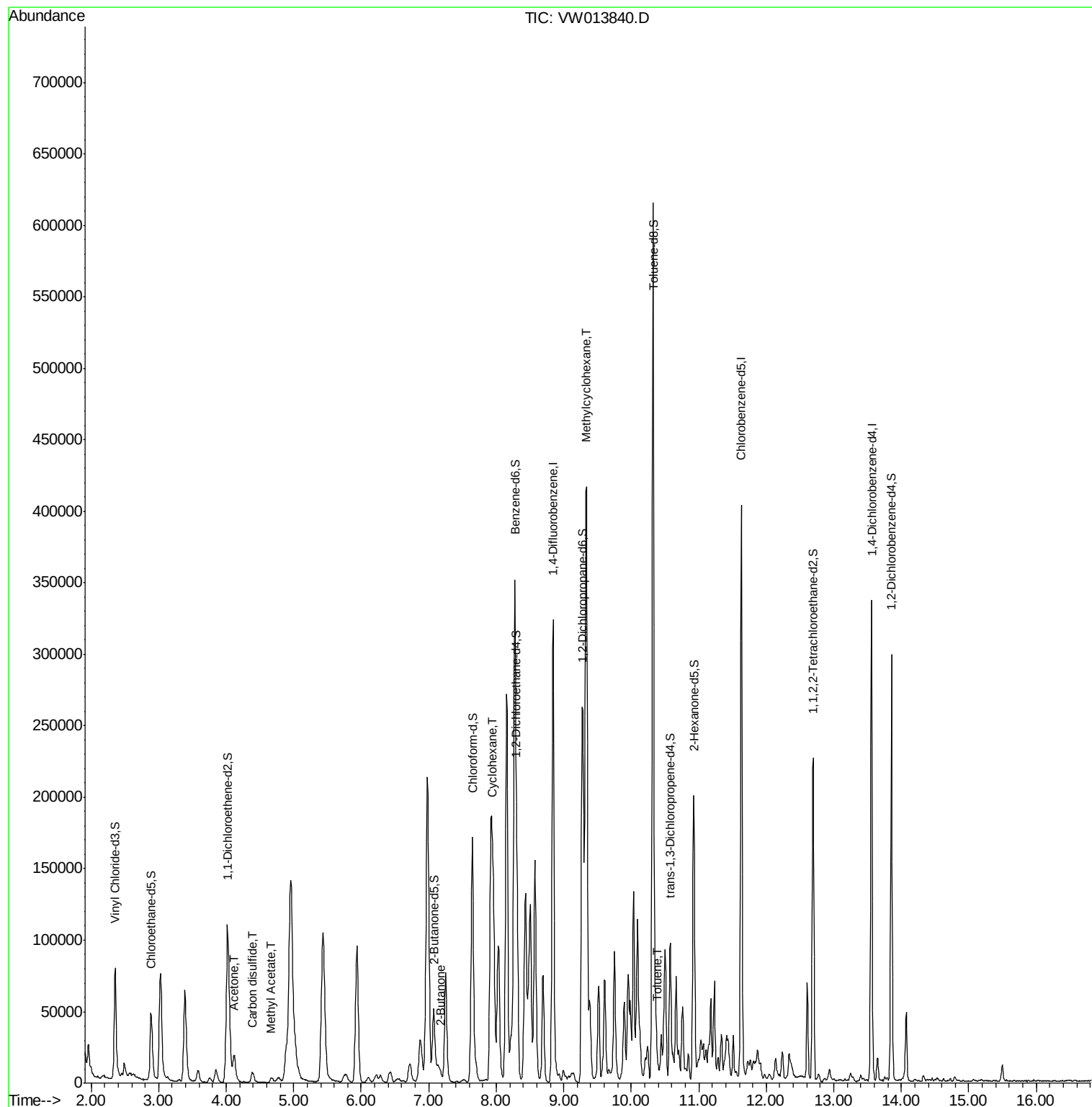
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013840.D
Acq On : 30 Oct 2019 16:26
Operator : SY/VA
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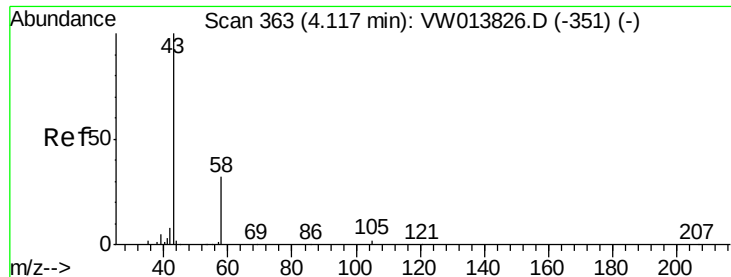
Instrument :
MSVOA_W
ClientSampleId :
GAQA3

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Quant Time: Nov 12 02:51:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 05:29:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.215 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013840.D

Acq: 30 Oct 2019 16:26

Instrument :

MSVOA_W

ClientSampled :

GAQA3

Tgt Ion: 43 Resp: 29400

Ion Ratio Lower Upper

43 100

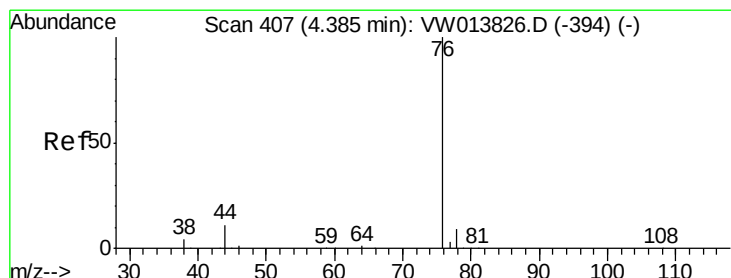
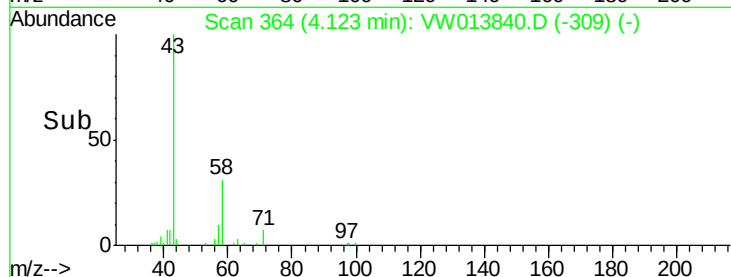
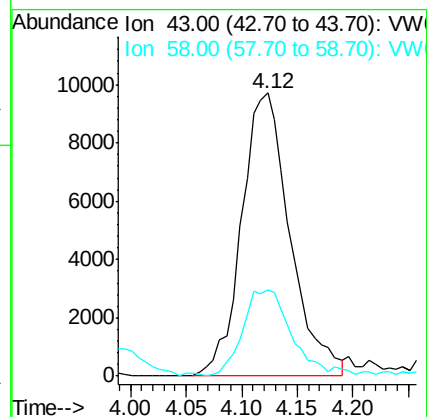
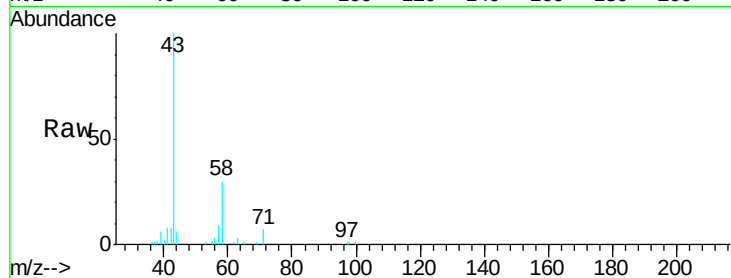
58 13.2 0.0 70.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.579 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW013840.D

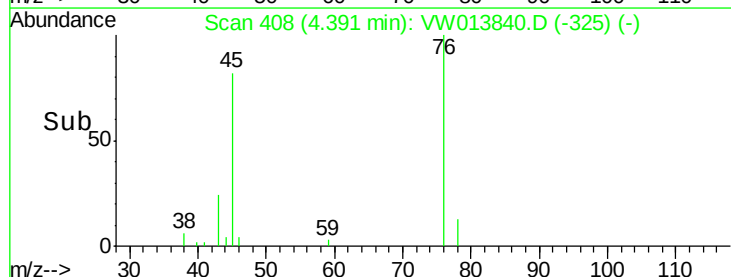
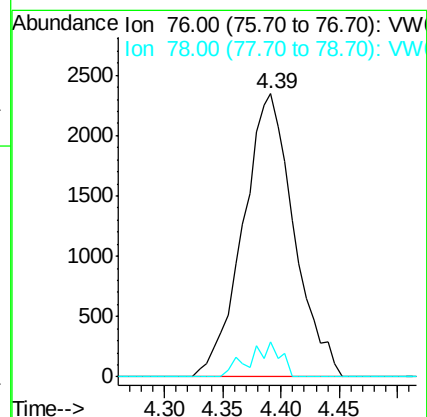
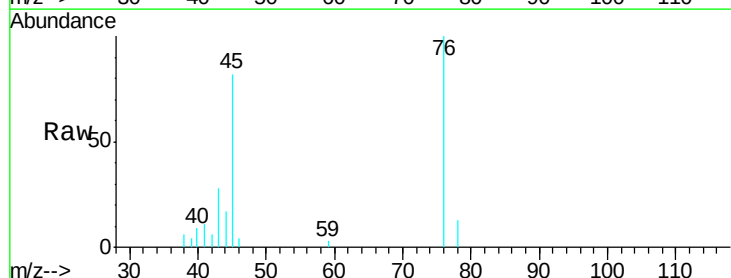
Acq: 30 Oct 2019 16:26

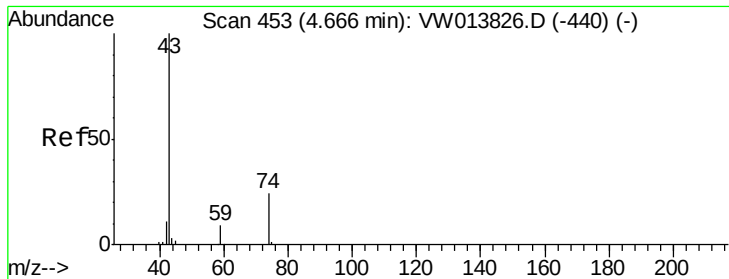
Tgt Ion: 76 Resp: 7156

Ion Ratio Lower Upper

76 100

78 12.5 7.1 10.7#





#15

Methyl Acetate

Concen: 3.454 ug/L m

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013840.D

Acq: 30 Oct 2019 16:26

Instrument :

MSVOA_W

ClientSampled :

GAQA3

Tgt Ion: 43 Resp: 7469

Ion Ratio Lower Upper

43 100

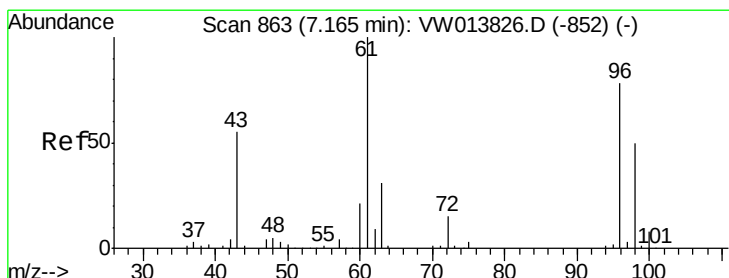
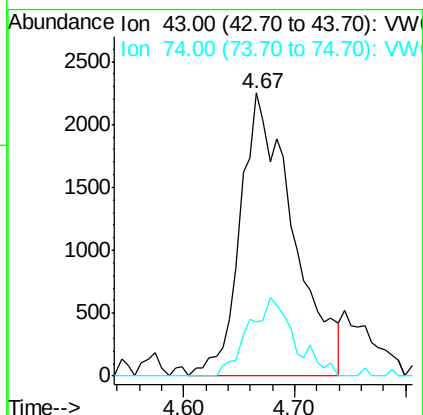
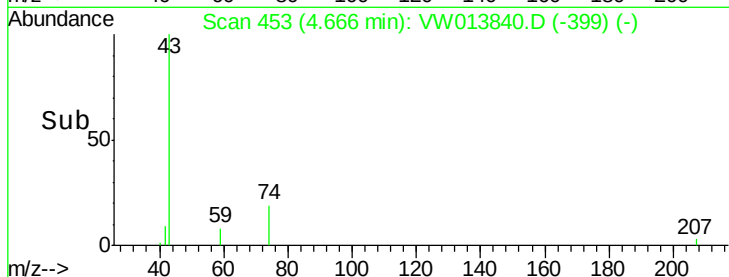
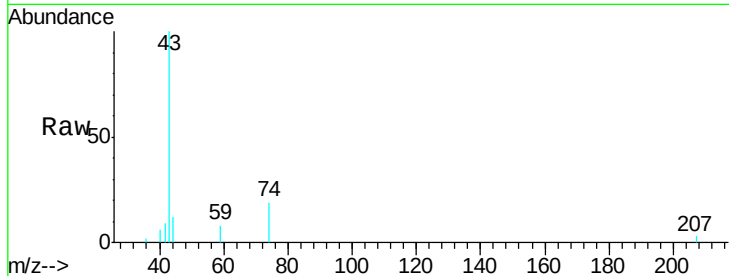
74 4.5 19.2 28.8#

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#21

2-Butanone

Concen: 3.616 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013840.D

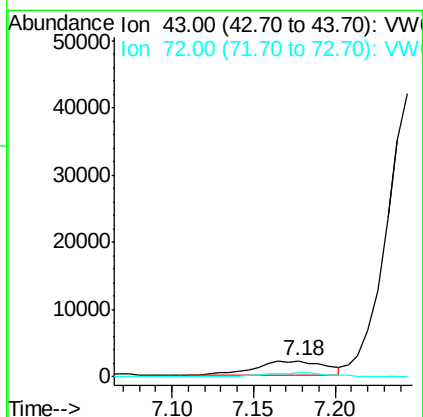
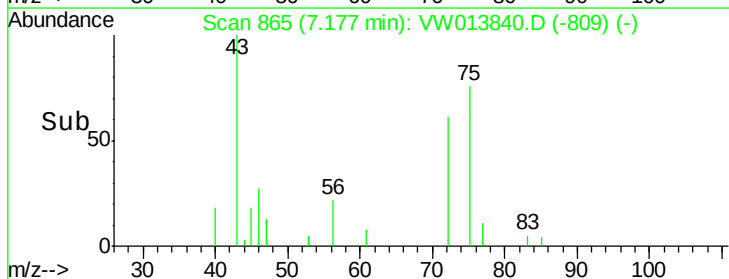
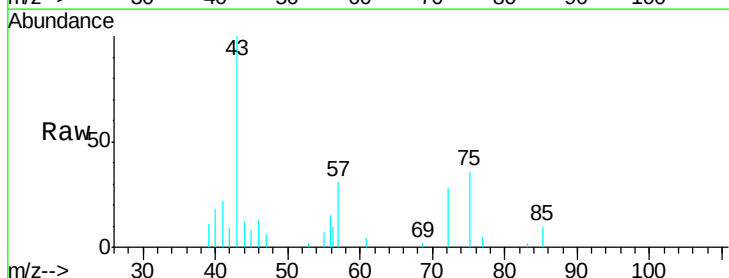
Acq: 30 Oct 2019 16:26

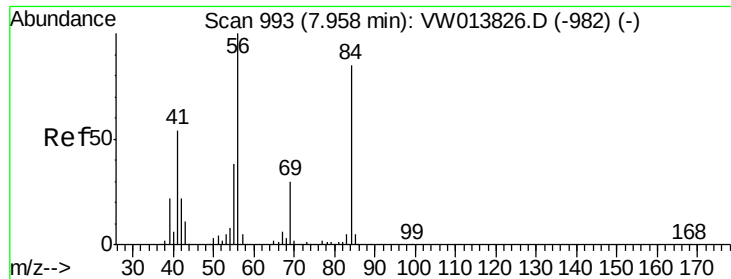
Tgt Ion: 43 Resp: 6076

Ion Ratio Lower Upper

43 100

72 19.1 13.7 41.1





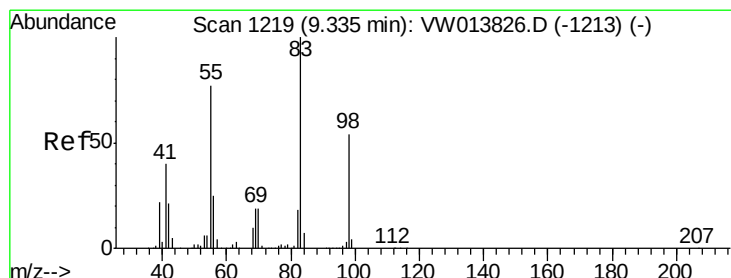
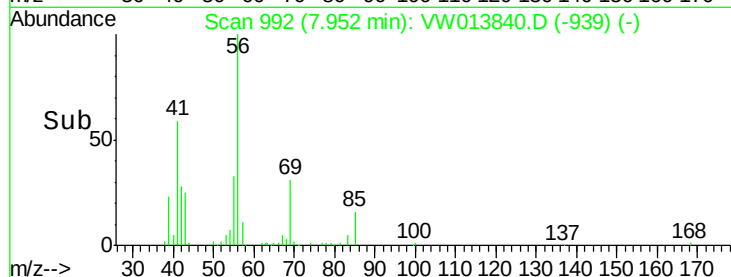
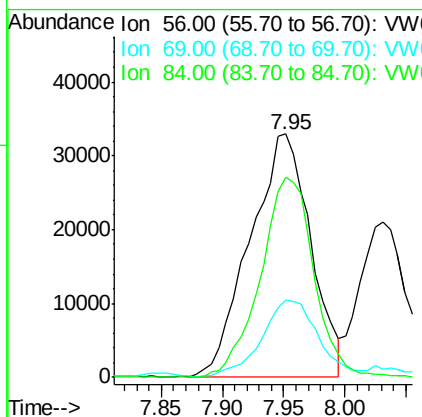
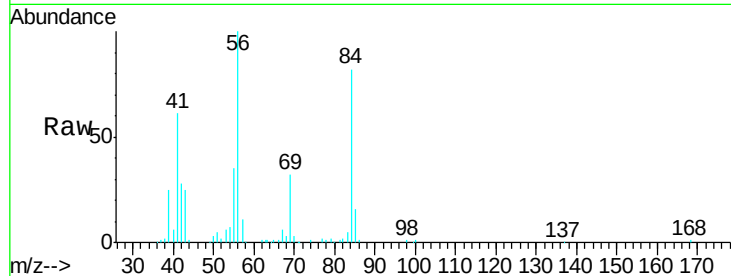
#30
Cyclohexane
Concen: 16.225 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013840.D
Acq: 30 Oct 2019 16:26

Instrument :
MSVOA_W
ClientSampled :
GAQA3

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.6	37.0
84	72.4	71.1	106.7

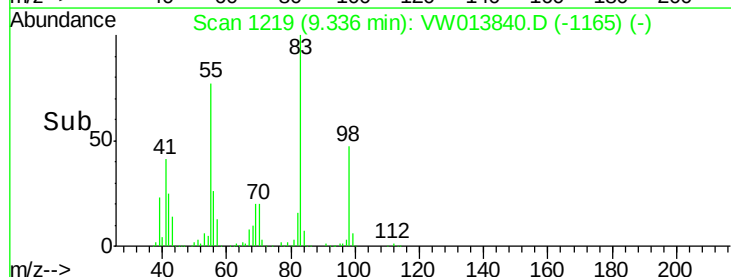
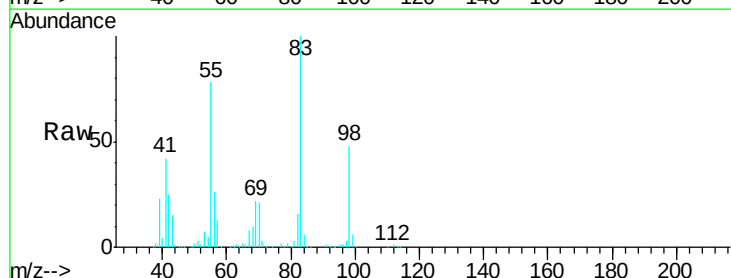
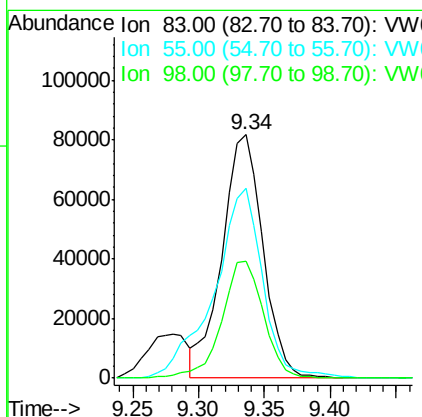
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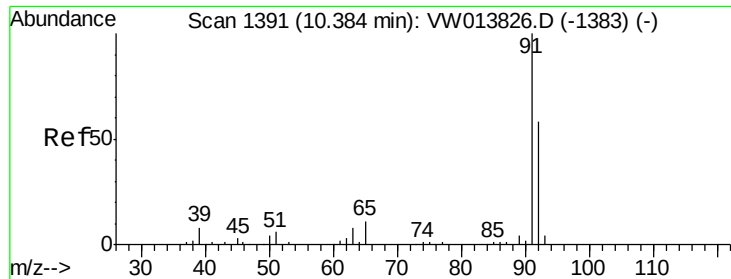
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10/31/2019 11:48:05 AM



#36
Methylcyclohexane
Concen: 22.923 ug/L m
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013840.D
Acq: 30 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.2	90.4#
98	0.4	39.1	58.7#





#44
Toluene
Concen: 0.534 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013840.D
Acq: 30 Oct 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
GAQA3

Tgt Ion: 91 Resp: 9790
Ion Ratio Lower Upper
91 100
92 67.3 42.0 78.0

Manual Integrations
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