

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014043.D
 Acq On : 15 Nov 2019 16:13
 Operator : SY/VA
 Sample : K5855-01
 Misc : 9.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 11:36:58 AM

Quant Time: Nov 16 04:58:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118305	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
7) Chloroethane-d5	2.89	69	105475	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
10) 1,1-Dichloroethene-d2	4.01	63	185616	17.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	7.07	46	108983	73.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.22%#
24) Chloroform-d	7.65	84	273650	27.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.44%
26) 1,2-Dichloroethane-d4	8.31	65	158267	32.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.20%
29) Benzene-d6	8.27	84	568215	30.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.40%
33) 1,2-Dichloropropane-d6	9.27	67	178967	32.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.52%#
37) Toluene-d8	10.32	98	464533	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.64%
38) trans-1,3-Dichloropropene-	10.57	79	72685	30.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	123.76%
39) 2-Hexanone-d5	10.92	63	88183	84.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126838	30.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	92149	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	20049	13.308 ug/L	89
14) Carbon disulfide	4.39	76	13356m	0.870 ug/L	
21) 2-Butanone	7.17	43	6021m	3.111 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	1842	0.311 ug/L #	70
34) Benzene	8.31	78	11978	0.619 ug/L	100
44) Toluene	10.39	91	31970	1.515 ug/L	97

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

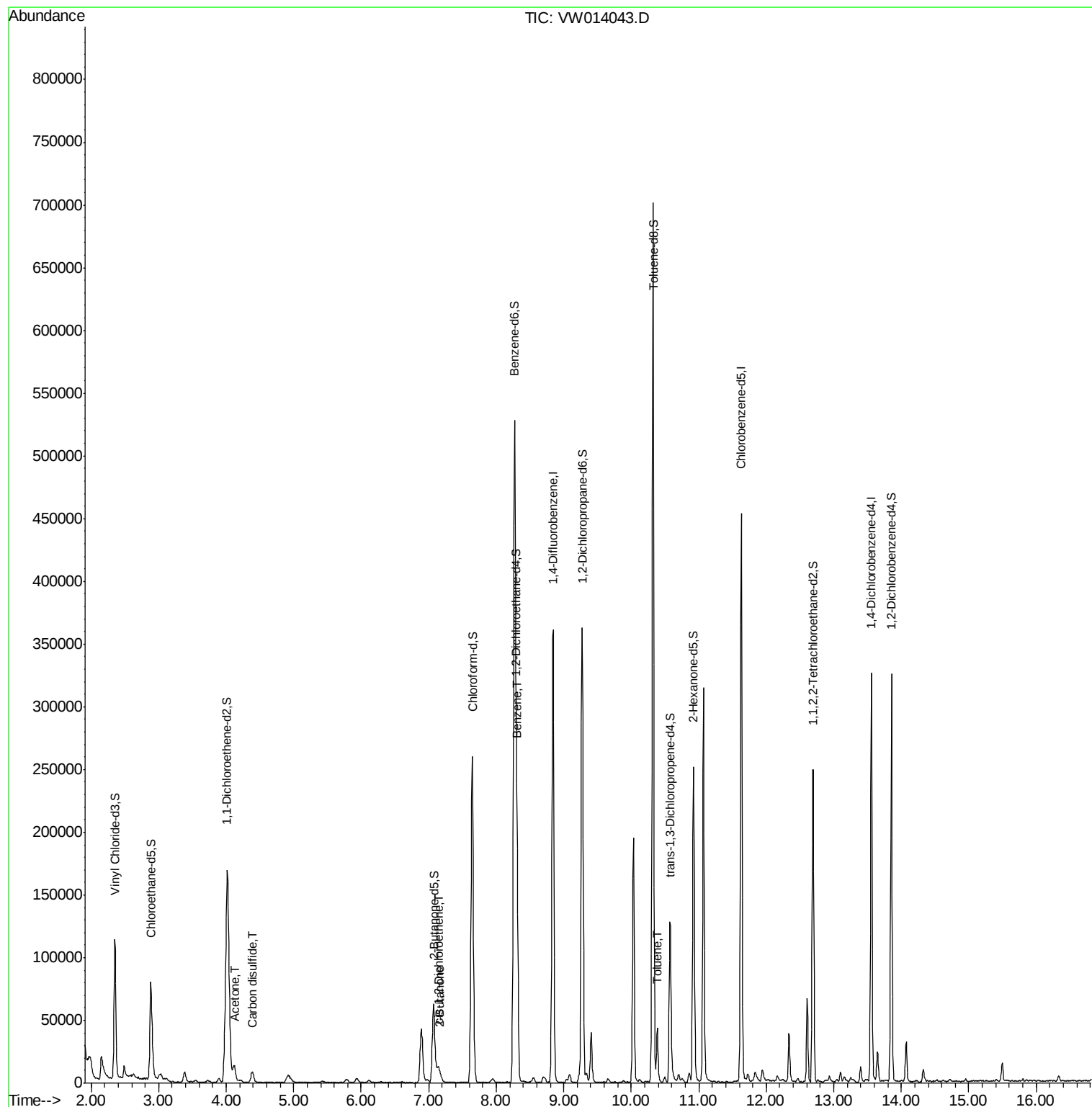
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111519\
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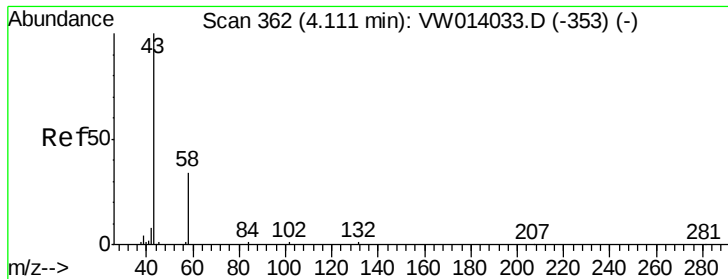
Instrument :
MSVOA_W
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Quant Time: Nov 16 04:58:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.308 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

GAQF3

Tot Ion: 43 Resp: 20049

Ion Ratio Lower Upper

43 100

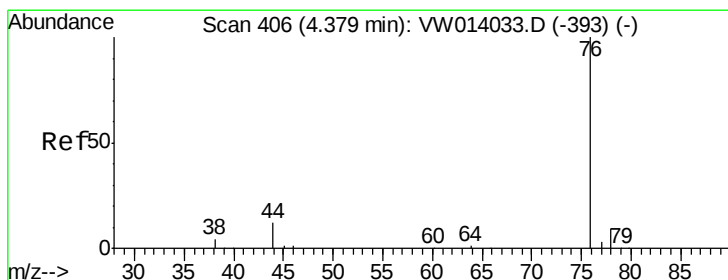
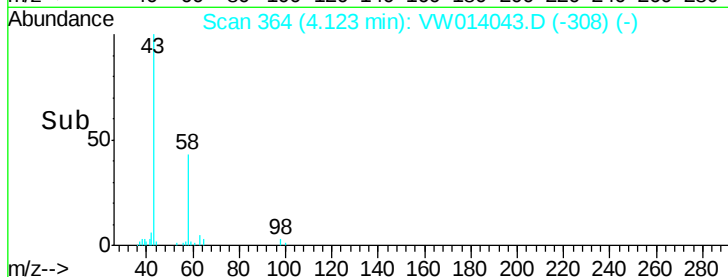
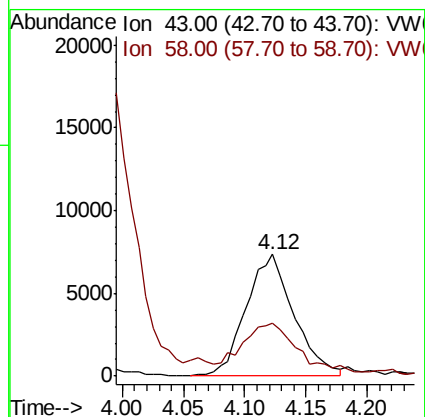
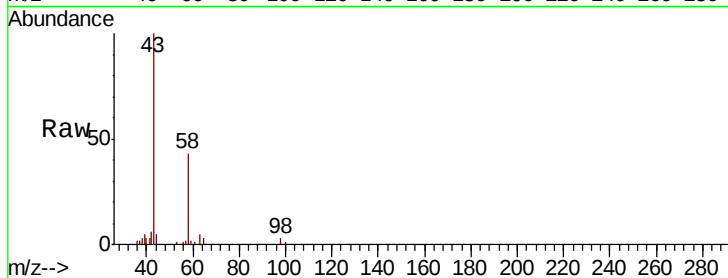
58 39.0 0.0 65.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.870 ug/L m

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014043.D

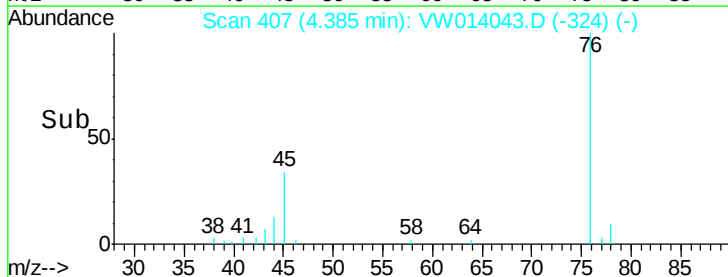
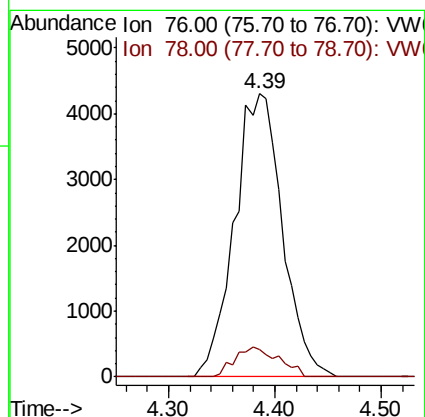
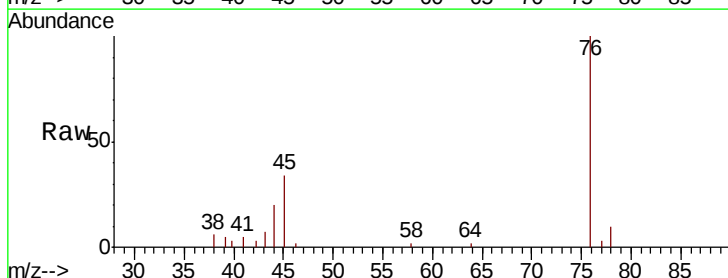
Acq: 15 Nov 2019 16:13

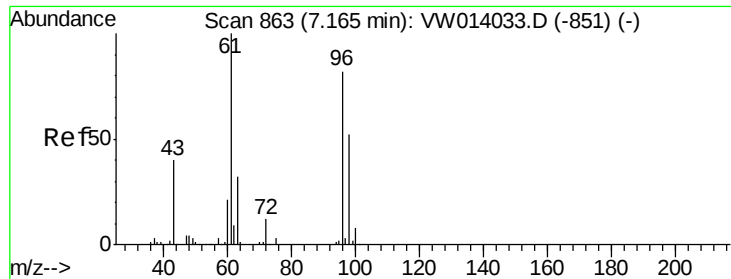
Tgt Ion: 76 Resp: 13356

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8





#21

2-Butanone

Concen: 3.111 ug/L m

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Instrument :

MSVOA_W

ClientSampled :

GAQF3

Tot Ion: 43 Resp: 6021

Ion Ratio Lower Upper

43 100

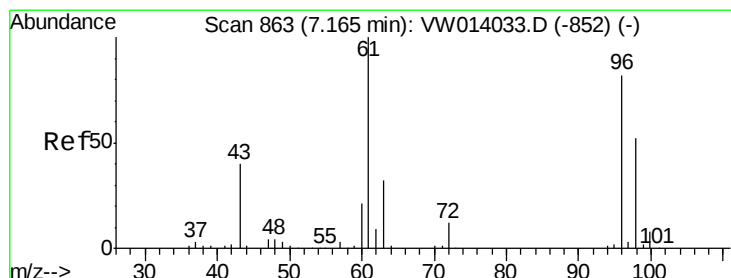
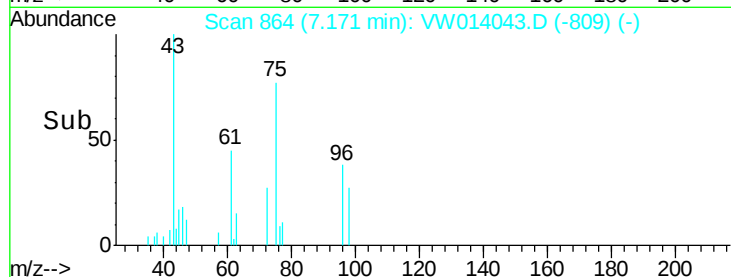
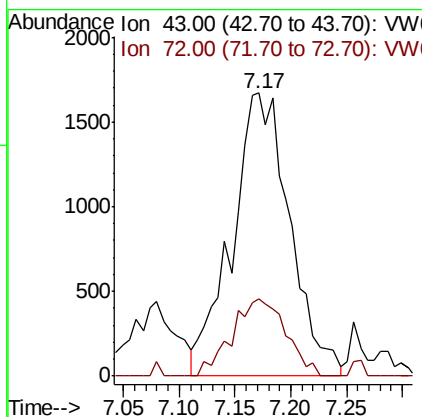
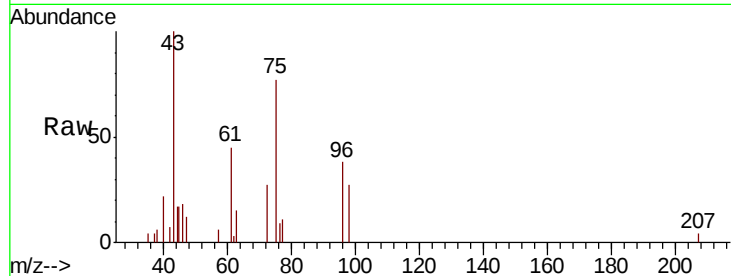
72 4.2 14.1 42.2#

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 0.311 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

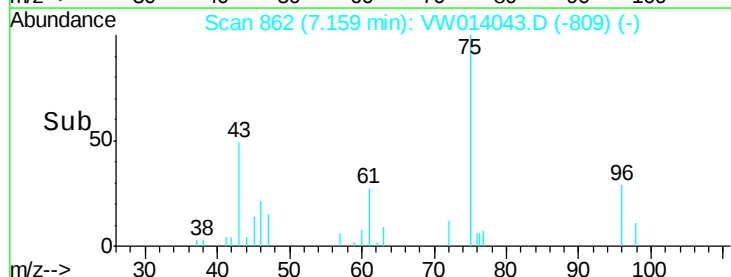
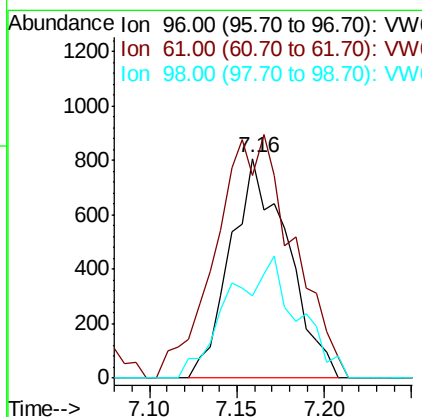
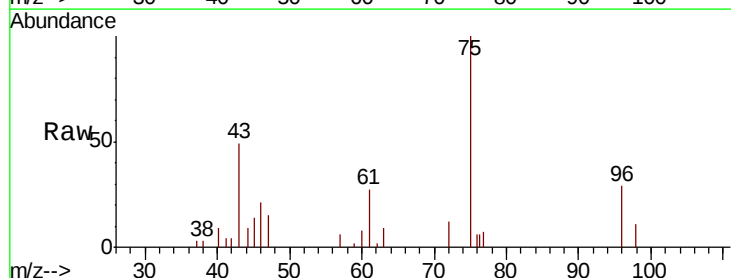
Tgt Ion: 96 Resp: 1842

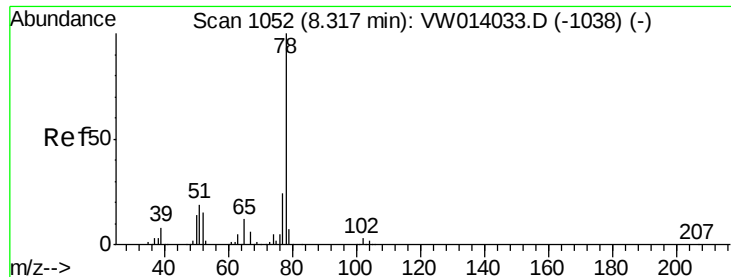
Ion Ratio Lower Upper

96 100

61 92.2 86.9 161.5

98 37.6 45.5 84.5#





#34

Benzene

Concen: 0.619 ug/L

RT: 8.31 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Instrument :

MSVOA_W

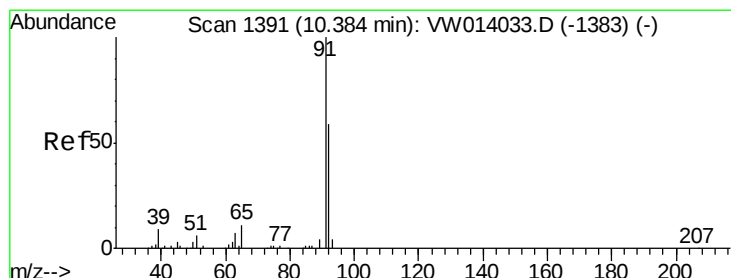
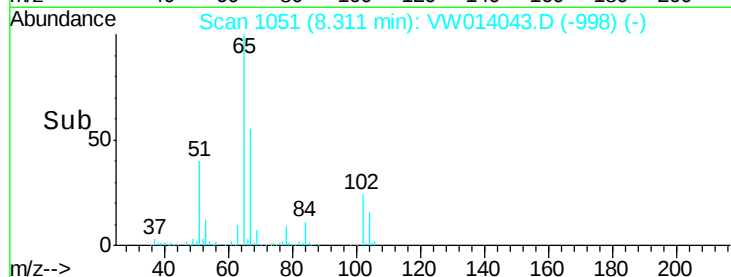
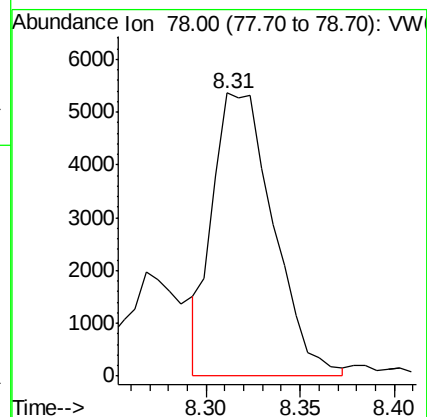
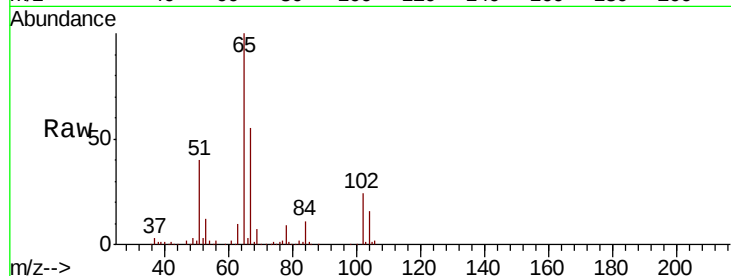
ClientSampleId :

GAQF3

Tgt Ion: 78 Resp: 11978

Manual Integrations
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#44

Toluene

Concen: 1.515 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014043.D

Acq: 15 Nov 2019 16:13

Tgt Ion: 91 Resp: 31970

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.7

