

Data File : VW011920.D
Acq On : 15 Aug 2019 10:32
Operator : SY/VA
Sample : K4357-01
Misc : 4.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GANJ6

Quant Time: Aug 16 06:56:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 06:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353215	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79644	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.04%
7) Chloroethane-d5	2.89	69	69532	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.02	63	149319	13.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.40%
20) 2-Butanone-d5	7.07	46	95723	42.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.48%
24) Chloroform-d	7.65	84	197212	20.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.32%
26) 1,2-Dichloroethane-d4	8.30	65	125630	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.27	84	384966	20.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.48%
33) 1,2-Dichloropropane-d6	9.27	67	135172	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.72%
37) Toluene-d8	10.32	98	322313	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.80%
38) trans-1,3-Dichloropropene-	10.58	79	53182	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.92	63	65948	46.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109977	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	92974	20.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.52%

Target Compounds

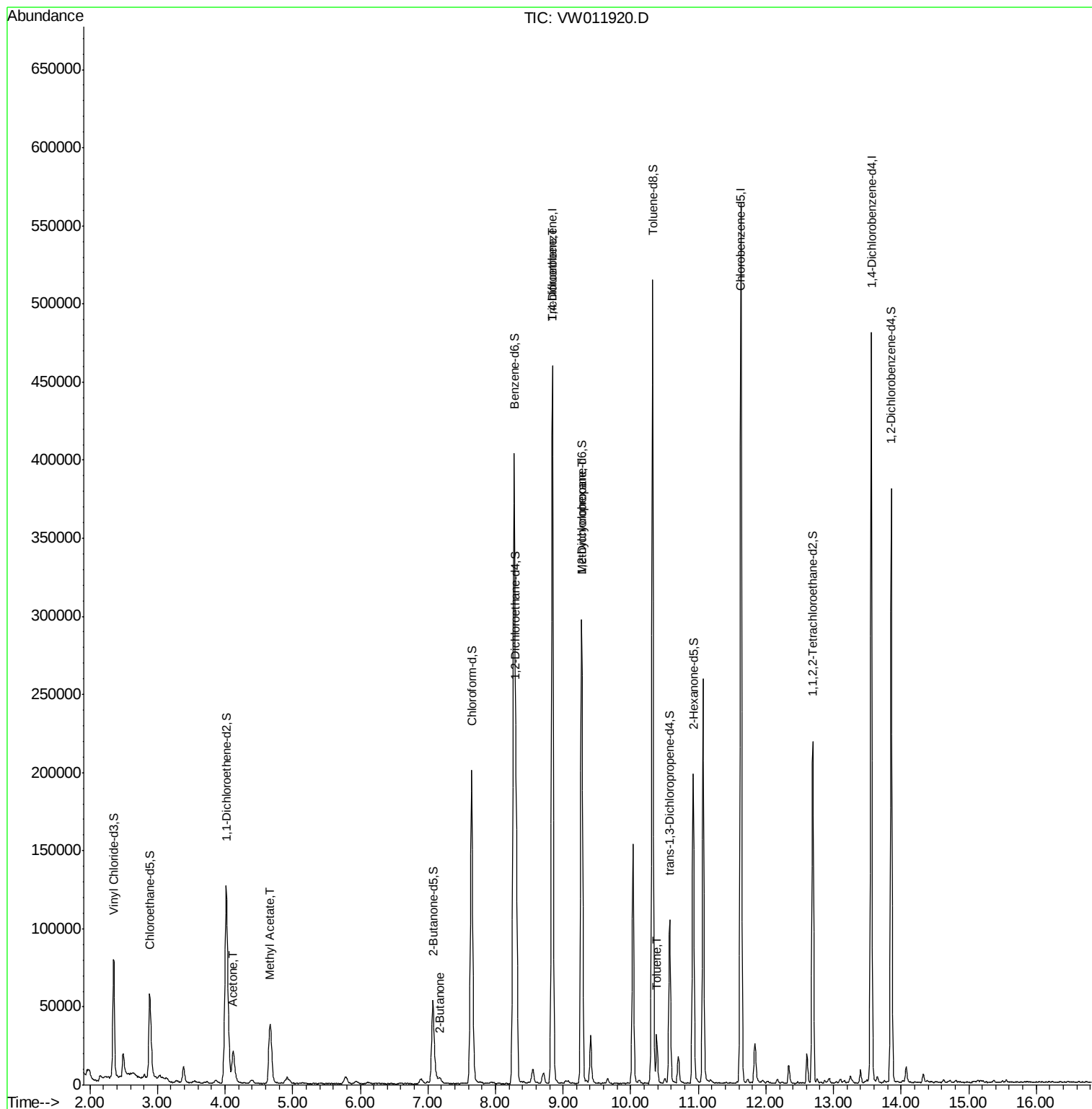
					Qvalue
13) Acetone	4.12	43	35633	14.856 ug/L	97
15) Methyl Acetate	4.67	43	80113	20.428 ug/L	100
21) 2-Butanone	7.17	43	4990	1.659 ug/L	87
35) Trichloroethene	8.84	95	11394	2.157 ug/L #	6
36) Methylcyclohexane	9.27	83	30499	3.183 ug/L #	14
44) Toluene	10.38	91	21164	1.001 ug/L	94

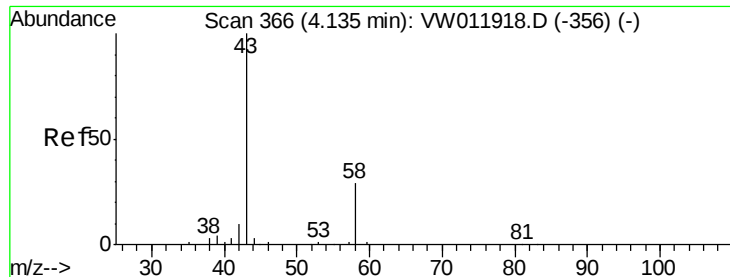
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.856 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 15 Aug 2019 10:32

Instrument :

MSVOA_W

ClientSampleId :

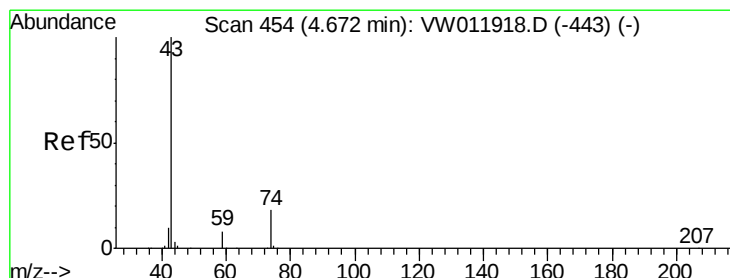
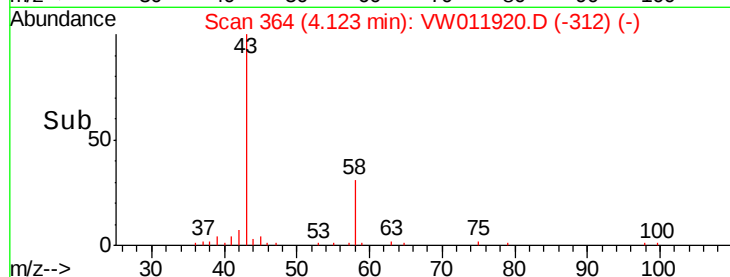
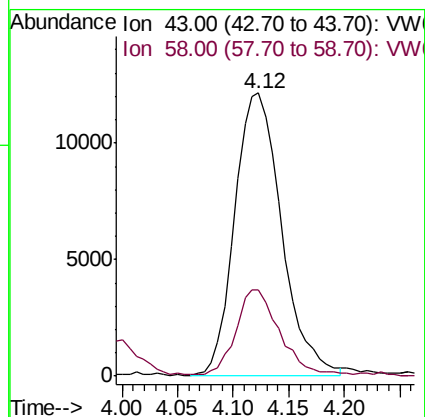
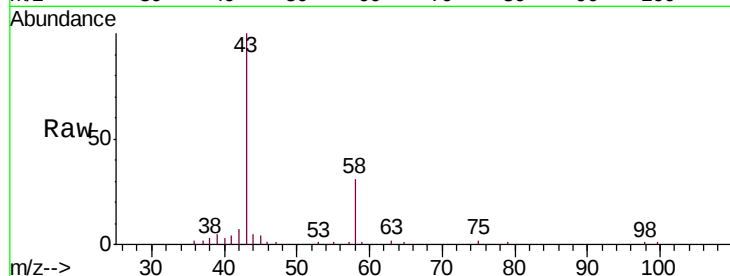
GANJ6

Tgt Ion: 43 Resp: 35633

Ion Ratio Lower Upper

43 100

58 28.4 0.0 53.4



#15

Methyl Acetate

Concen: 20.428 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

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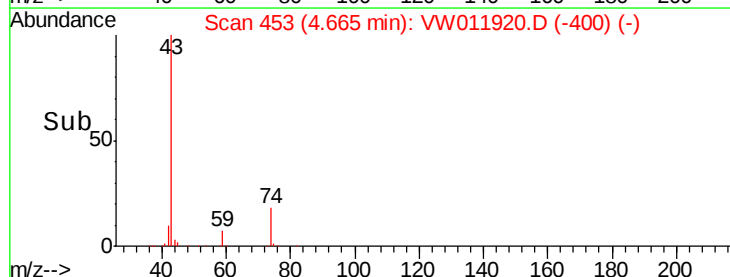
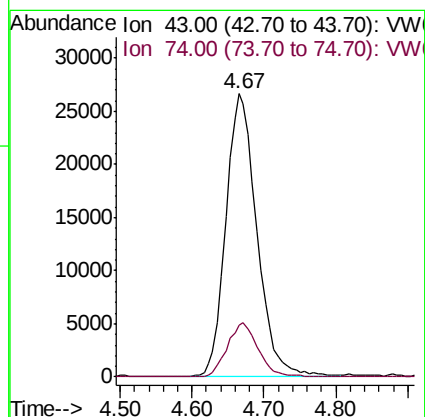
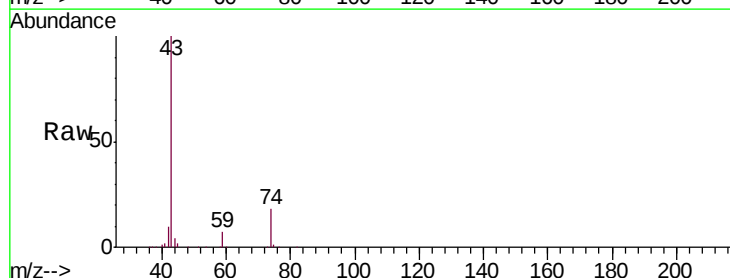
Acq: 15 Aug 2019 10:32

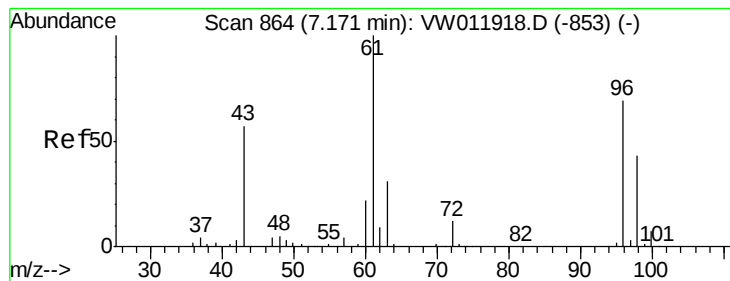
Tgt Ion: 43 Resp: 80113

Ion Ratio Lower Upper

43 100

74 18.8 15.0 22.4





#21

2-Butanone

Concen: 1.659 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

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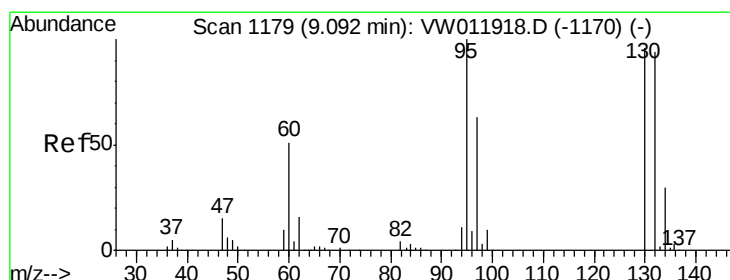
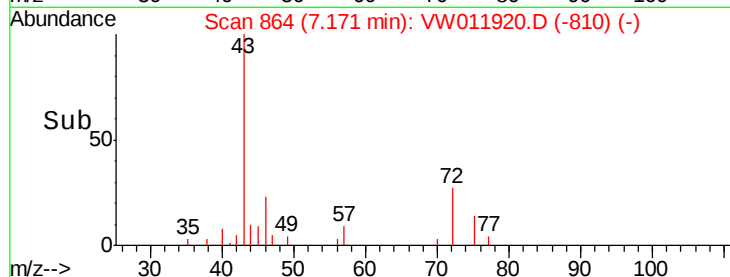
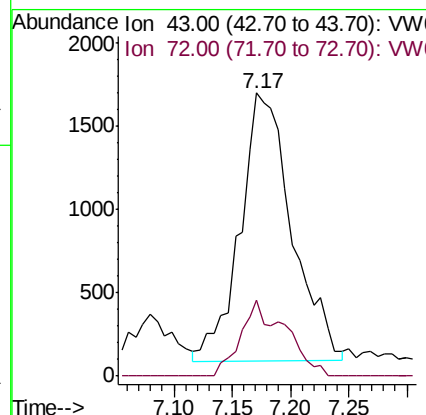
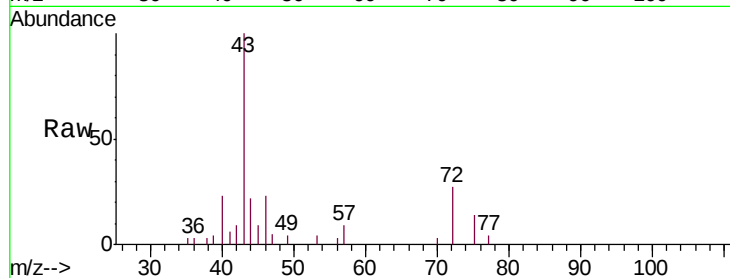
Instrument :
MSVOA_W
ClientSampleId :
GANJ6

Tgt Ion: 43 Resp: 4990

Ion Ratio Lower Upper

43 100

72 15.1 10.7 32.1



#35

Trichloroethene

Concen: 2.157 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011920.D

Acq: 15 Aug 2019 10:32

Tgt Ion: 95 Resp: 11394

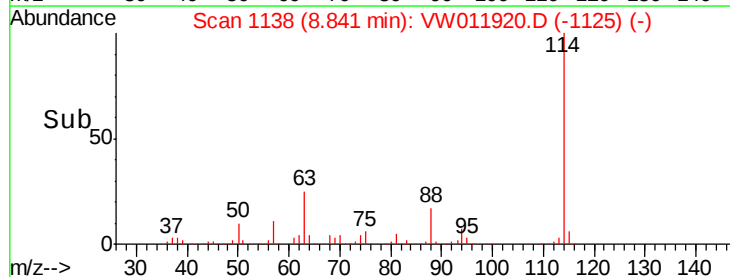
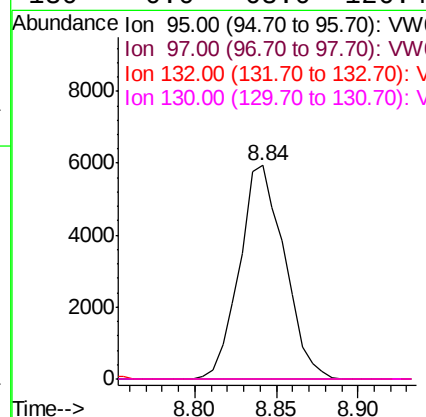
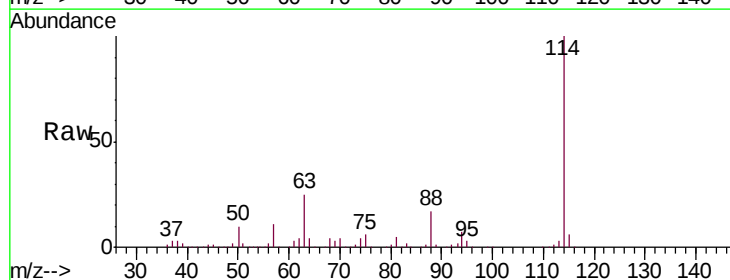
Ion Ratio Lower Upper

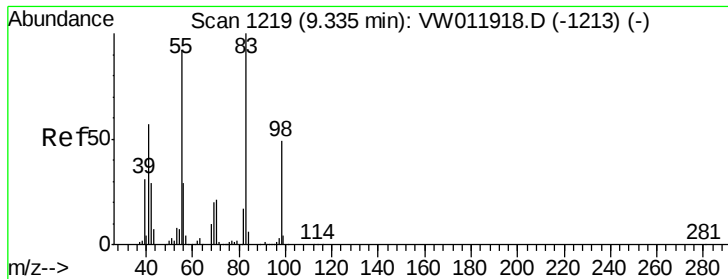
95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#





#36

Methylcyclohexane

Concen: 3.183 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW011920.D

Acq: 15 Aug 2019 10:32

Instrument :

MSVOA_W

ClientSampleId :

GANJ6

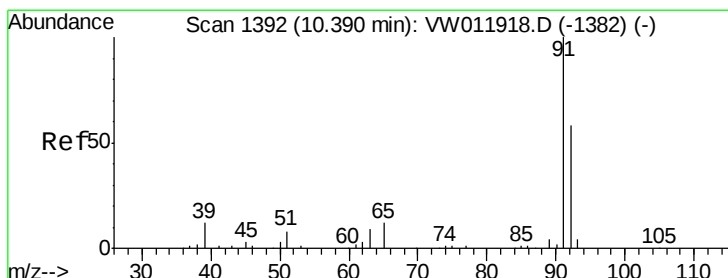
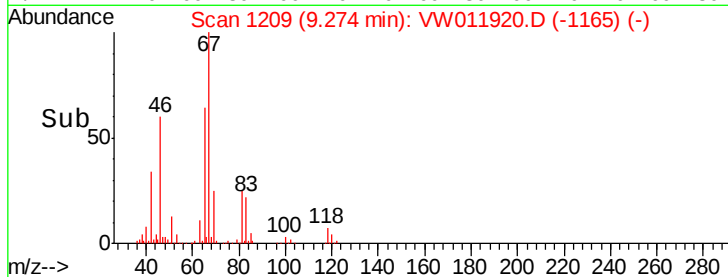
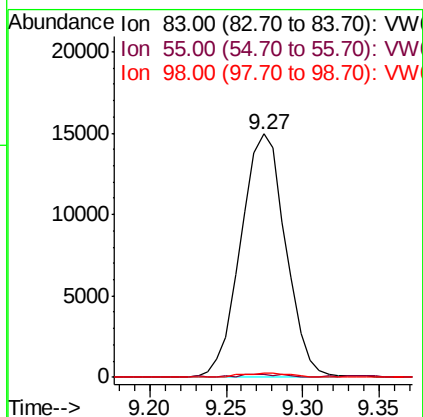
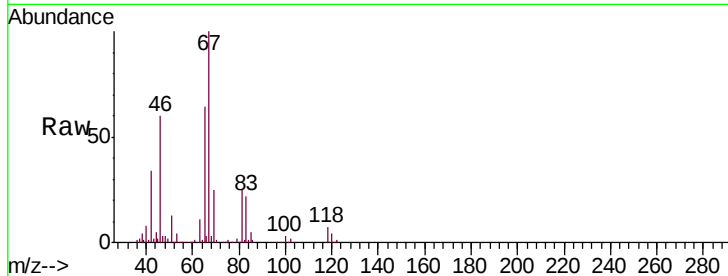
Tgt Ion: 83 Resp: 30499

Ion Ratio Lower Upper

83 100

55 0.3 72.6 108.8#

98 1.9 37.8 56.6#



#44

Toluene

Concen: 1.001 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011920.D

Acq: 15 Aug 2019 10:32

Tgt Ion: 91 Resp: 21164

Ion Ratio Lower Upper

91 100

92 53.9 40.9 76.0

