

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014425.D
 Acq On : 18 Dec 2019 11:55
 Operator : SY/VA
 Sample : K6270-12
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK88

Quant Time: Dec 19 01:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1150727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1057127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	483533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	303415	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.64%
7) Chloroethane-d5	2.89	69	257493	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
10) 1,1-Dichloroethene-d2	4.02	63	451741	14.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.72%
20) 2-Butanone-d5	7.07	46	169464	37.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.64%
24) Chloroform-d	7.65	84	639575	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	8.30	65	334916	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.27	84	1302574	21.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.08%
33) 1,2-Dichloropropane-d6	9.27	67	417586	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.32	98	1152540	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.28%
38) trans-1,3-Dichloropropene-	10.58	79	155409	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.72%
39) 2-Hexanone-d5	10.92	63	134518	35.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	303105	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	400867	21.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.80%

Target Compounds

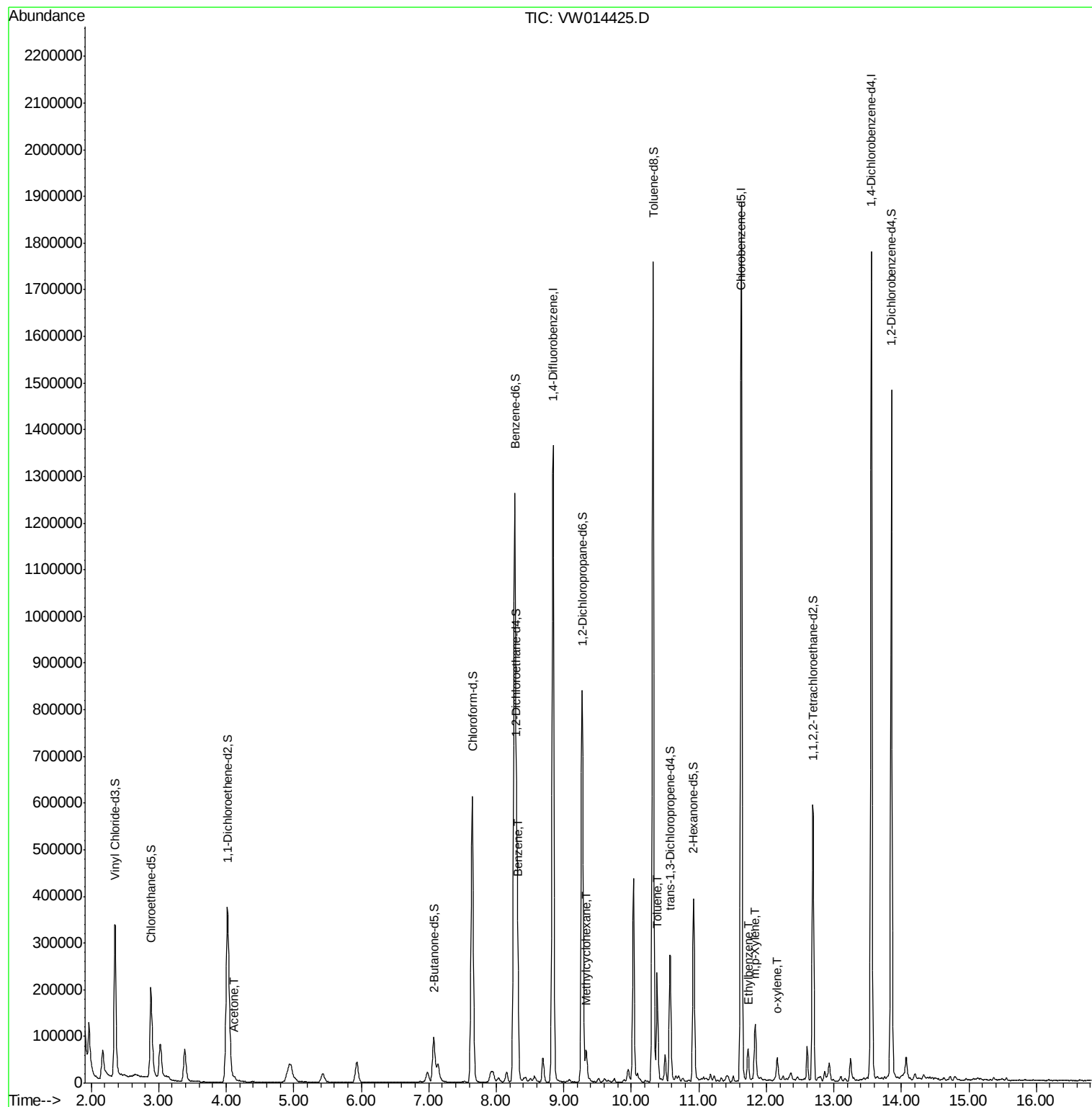
					Ovalue
13) Acetone	4.12	43	13254	3.027 ug/L	97
34) Benzene	8.32	78	83645	1.250 ug/L	100
36) Methylcyclohexane	9.34	83	21203	0.737 ug/L #	79
44) Toluene	10.38	91	170571	2.431 ug/L	96
53) Ethylbenzene	11.73	91	46681	0.613 ug/L	94
54) m,p-Xylene	11.83	106	28351	0.968 ug/L	96
55) o-xylene	12.16	106	11952	0.430 ug/L	83

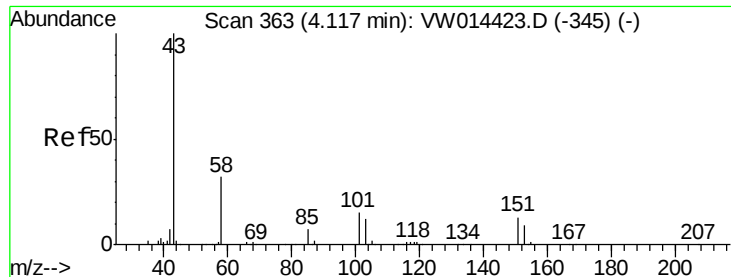
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.027 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014425.D

Acq: 18 Dec 2019 11:55

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MSVOA_W

ClientSampleId :

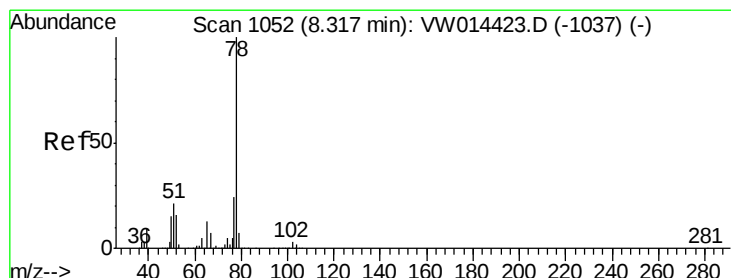
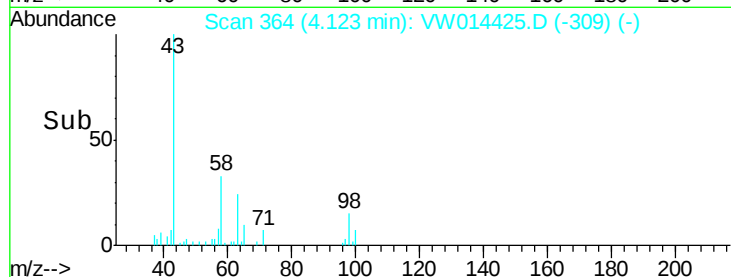
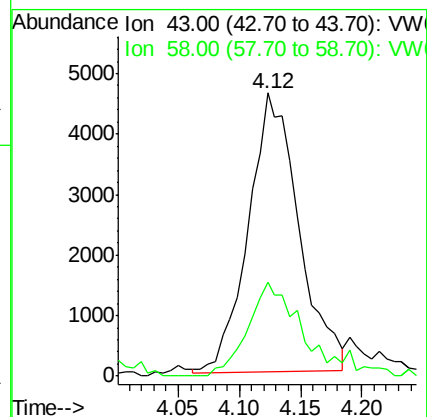
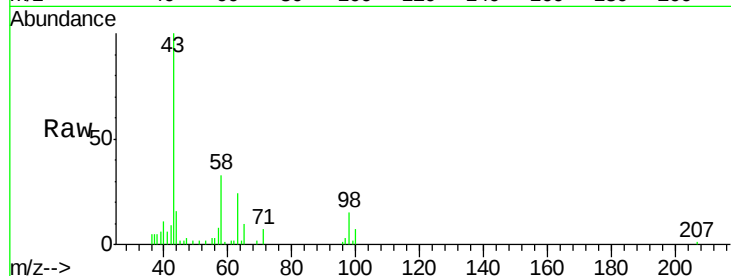
ETK88

Tot Ion: 43 Resp: 13254

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.4



#34

Benzene

Concen: 1.250 ug/L

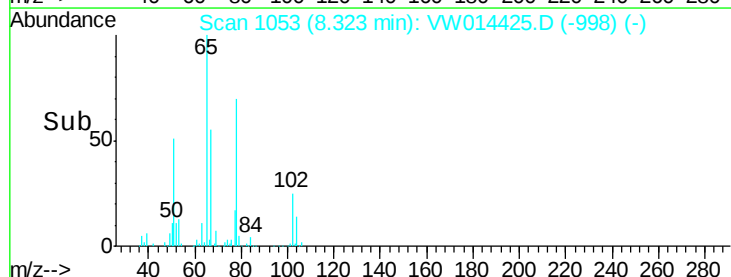
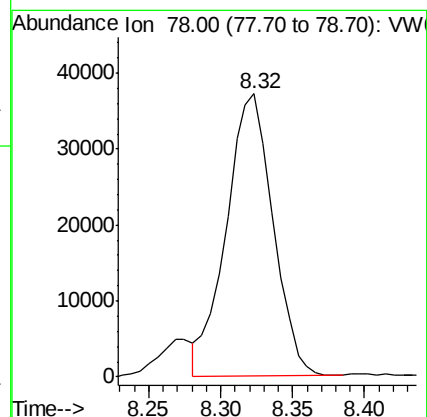
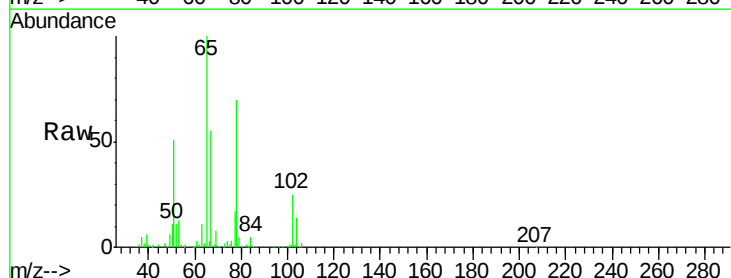
RT: 8.32 min Scan# 1053

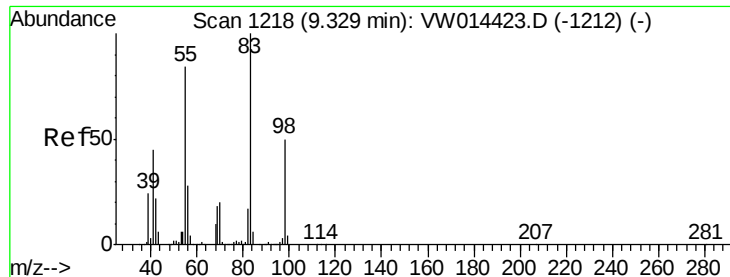
Delta R.T. 0.01 min

Lab File: VW014425.D

Acq: 18 Dec 2019 11:55

Tgt Ion: 78 Resp: 83645

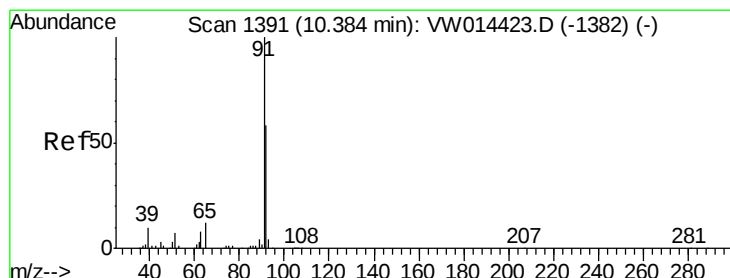
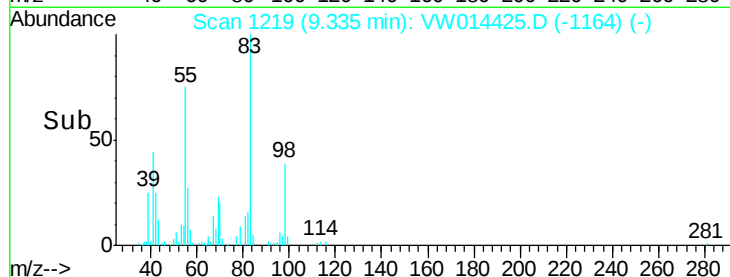
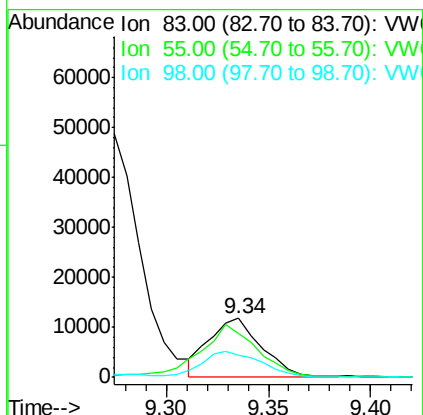
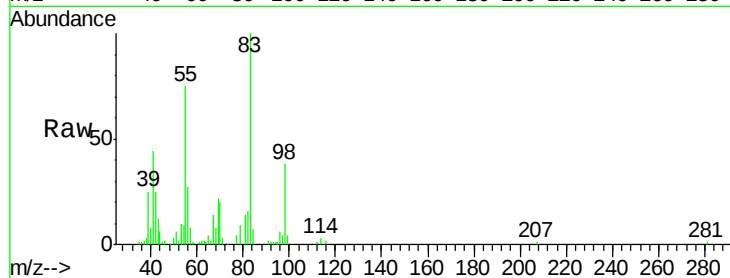




#36
Methylcyclohexane
Concen: 0.737 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

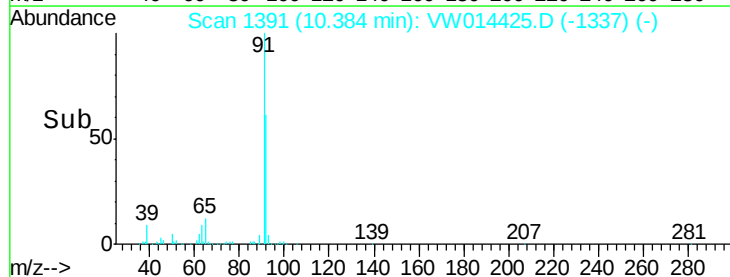
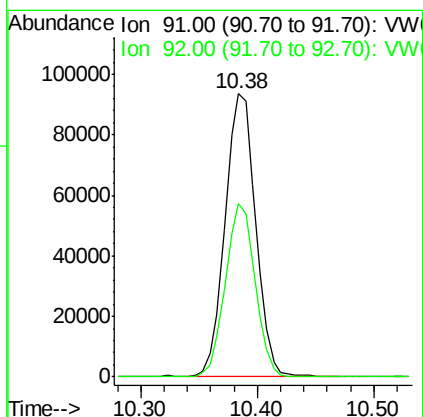
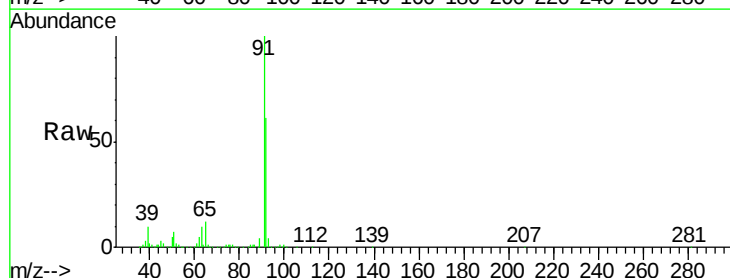
Instrument :
MSVOA_W
ClientSampleId :
ETK88

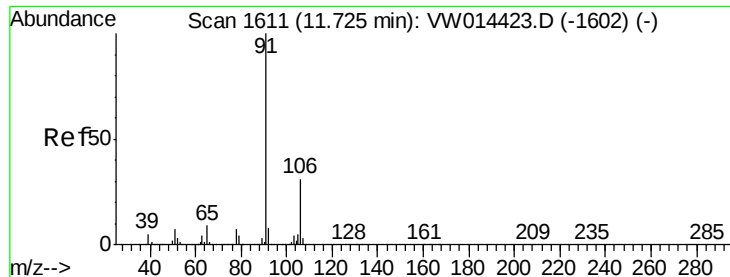
Tot Ion: 83 Resp: 21203
Ion Ratio Lower Upper
83 100
55 103.3 59.8 89.8#
98 50.6 39.5 59.3



#44
Toluene
Concen: 2.431 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

Tgt Ion: 91 Resp: 170571
Ion Ratio Lower Upper
91 100
92 61.4 40.7 75.7





#53

Ethylbenzene

Concen: 0.613 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014425.D

Acq: 18 Dec 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

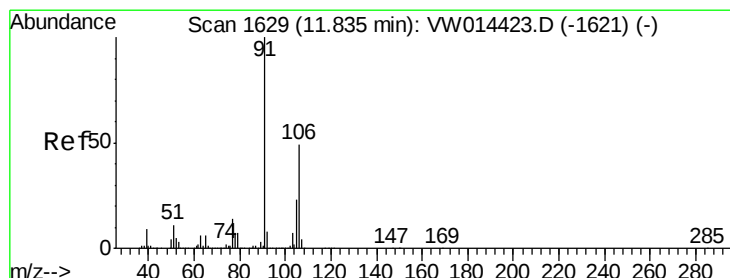
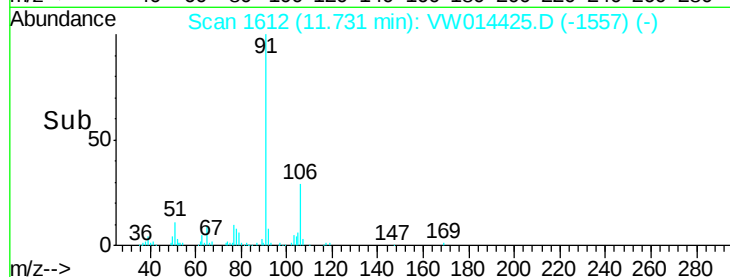
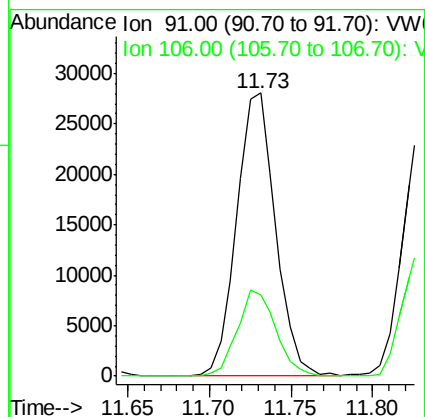
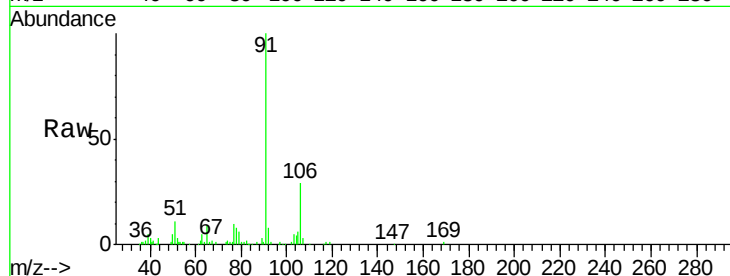
ETK88

Tot Ion: 91 Resp: 46681

Ion Ratio Lower Upper

91 100

106 28.7 22.3 41.5



#54

m,p-Xylene

Concen: 0.968 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014425.D

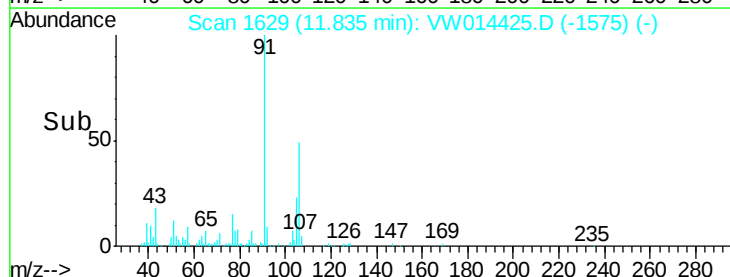
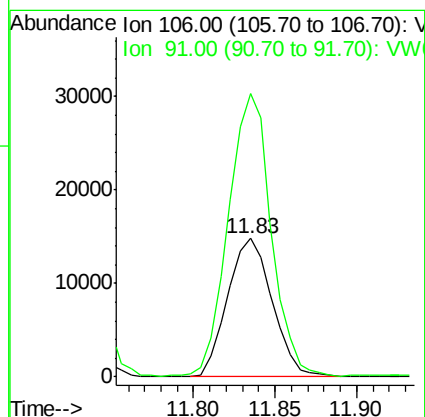
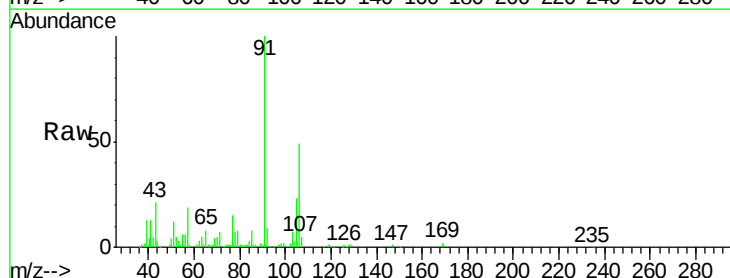
Acq: 18 Dec 2019 11:55

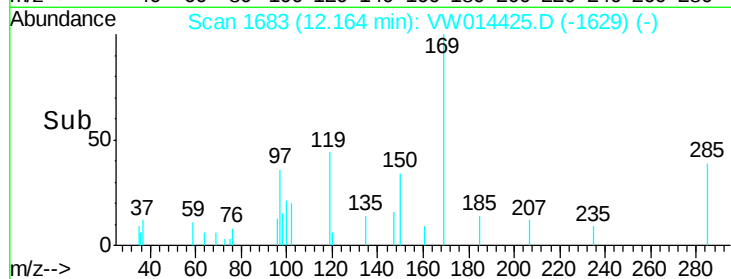
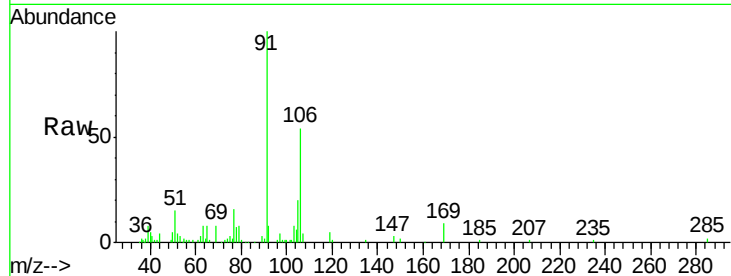
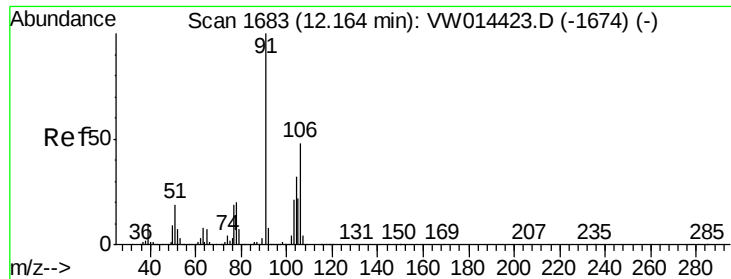
Tgt Ion: 106 Resp: 28351

Ion Ratio Lower Upper

106 100

91 204.7 138.7 257.5





#55
o-xylene
Concen: 0.430 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
ETK88

Tot Ion:106 Resp: 11952
Ion Ratio Lower Upper
106 100
91 185.7 148.3 275.5

