

Data File : VW014426.D
Acq On : 18 Dec 2019 12:22
Operator : SY/VA
Sample : K6270-10RE
Misc : 4.84G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

Quant Time: Dec 19 01:09:25 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	1140721	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1034702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	484863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	302795	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	2.89	69	258159	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.01	63	461269	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	244744	54.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.74%
24) Chloroform-d	7.64	84	676163	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	383879	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.84%
29) Benzene-d6	8.27	84	1374973	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	9.27	67	451422	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	1213354	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	10.57	79	181689	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.92	63	200579	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	390789	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	439004	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

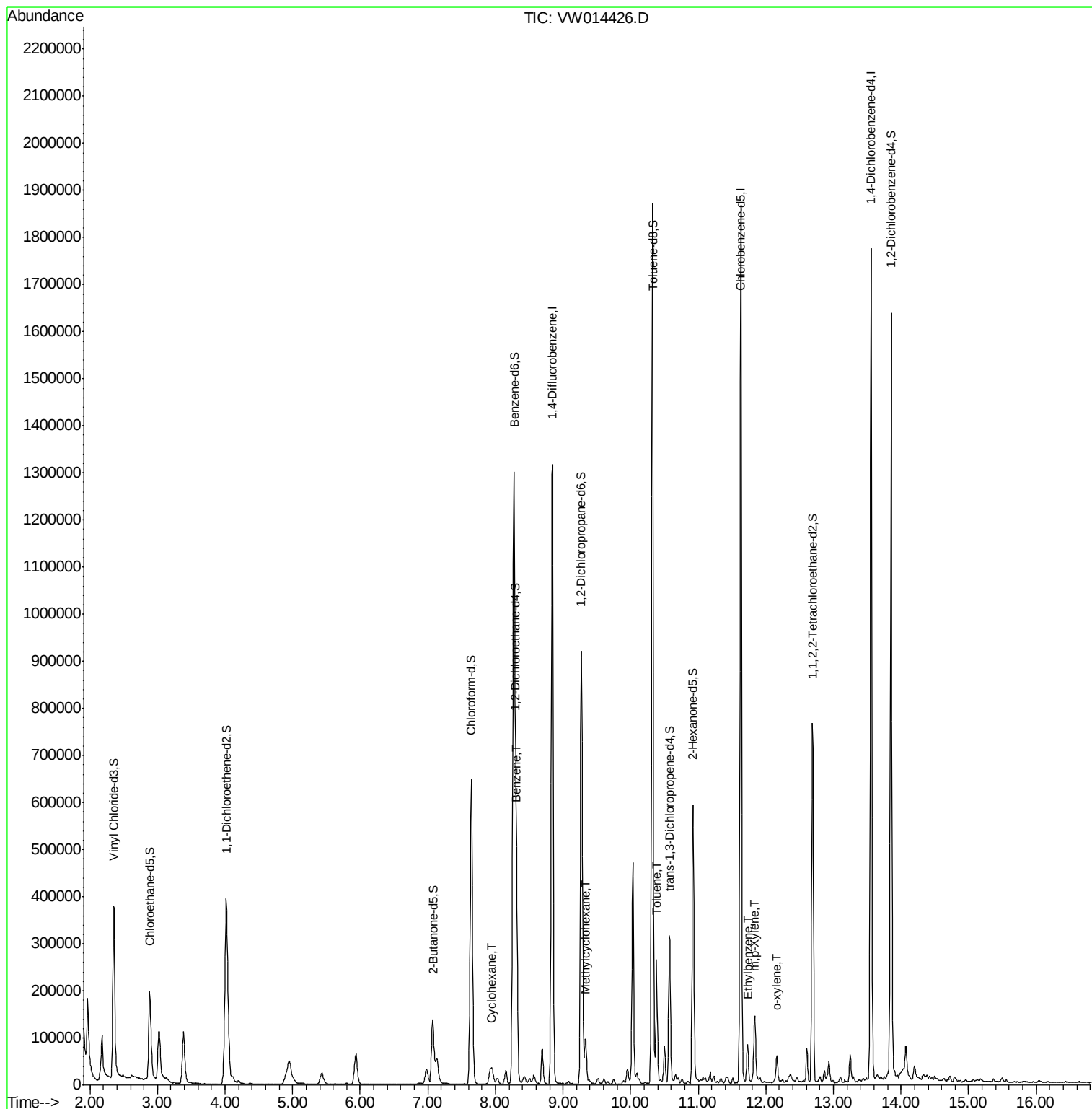
Target Compounds					Qvalue
30) Cyclohexane	7.95	56	20662	0.800 ug/L #	83
34) Benzene	8.32	78	79652	1.216 ug/L	100
36) Methylcyclohexane	9.33	83	32828	1.165 ug/L #	88
44) Toluene	10.38	91	186295	2.712 ug/L	99
53) Ethylbenzene	11.73	91	55037	0.738 ug/L	97
54) m,p-Xylene	11.84	106	32124	1.121 ug/L	95
55) o-xylene	12.16	106	13830	0.509 ug/L	89

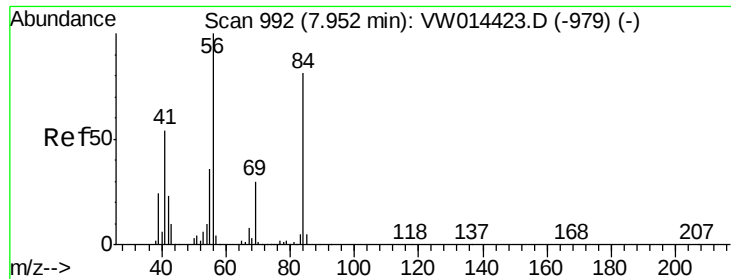
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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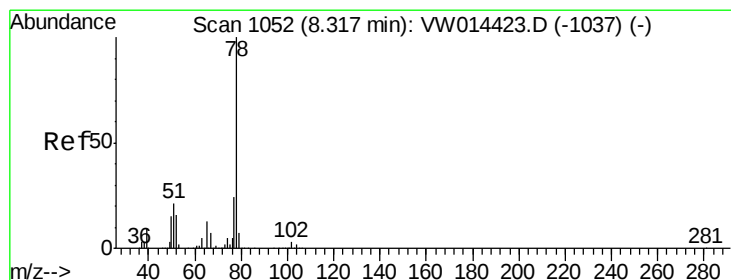
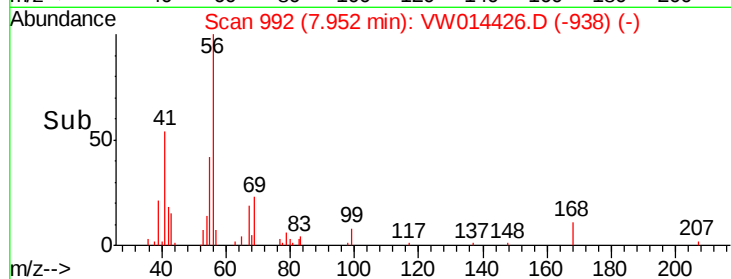
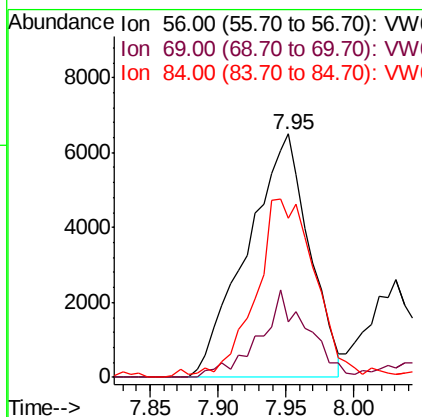
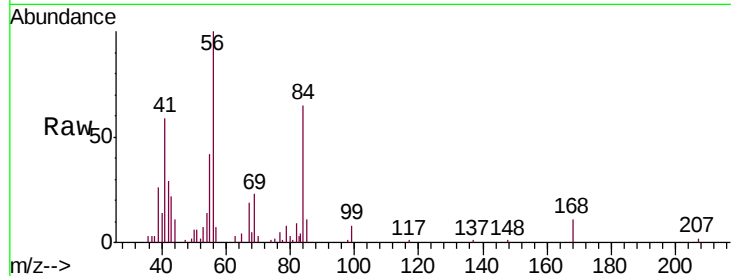




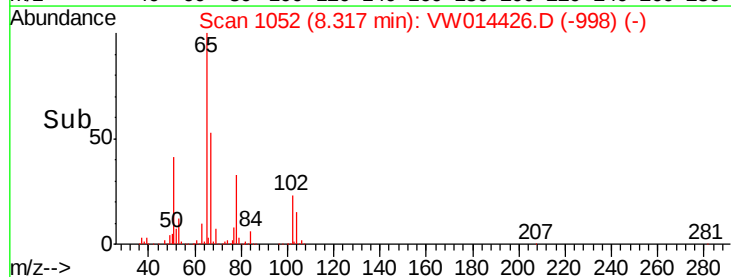
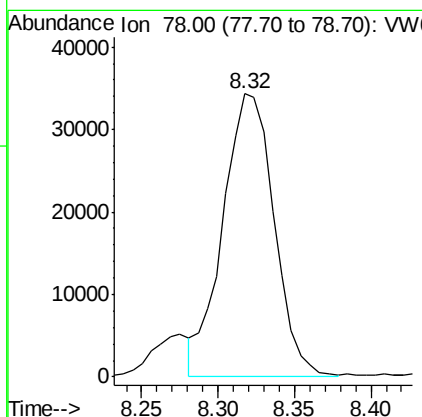
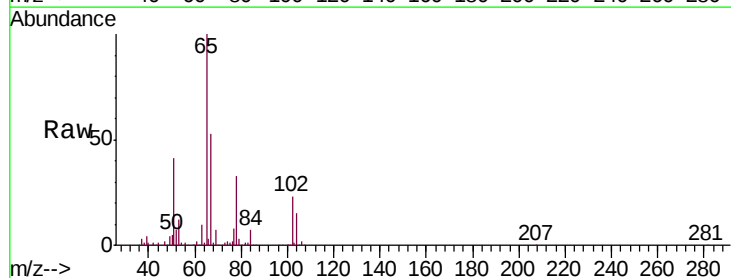
#30
Cyclohexane
Concen: 0.800 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014426.D
Acq: 18 Dec 2019 12:22

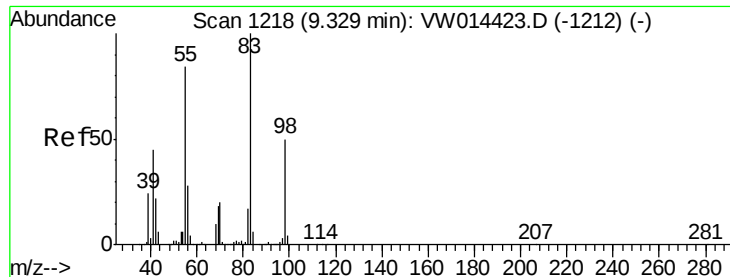
Instrument :
MSVOA_W
ClientSampleId :
ETK86

Tgt Ion: 56 Resp: 20662
Ion Ratio Lower Upper
56 100
69 26.0 24.6 37.0
84 69.6 70.2 105.2#



#34
Benzene
Concen: 1.216 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014426.D
Acq: 18 Dec 2019 12:22
Tgt Ion: 78 Resp: 79652





#36

Methylcyclohexane

Concen: 1.165 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

ETK86

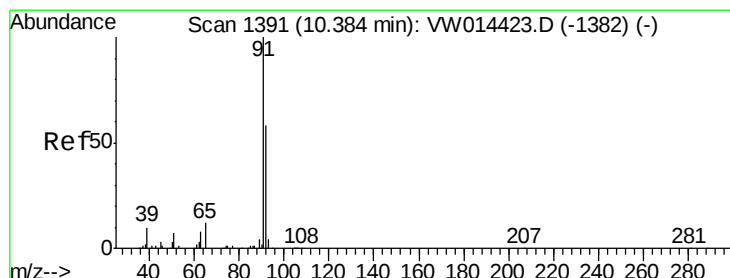
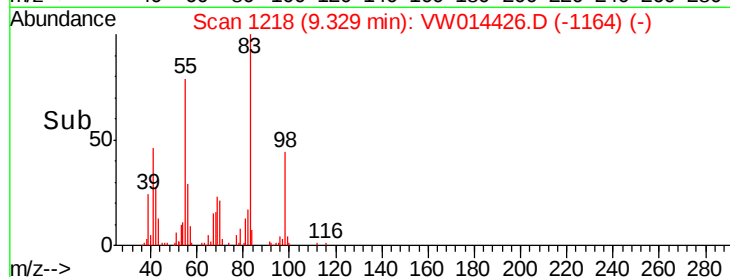
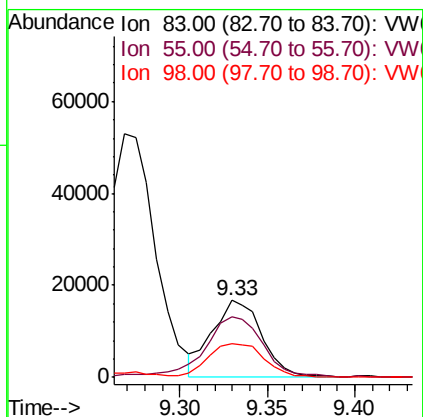
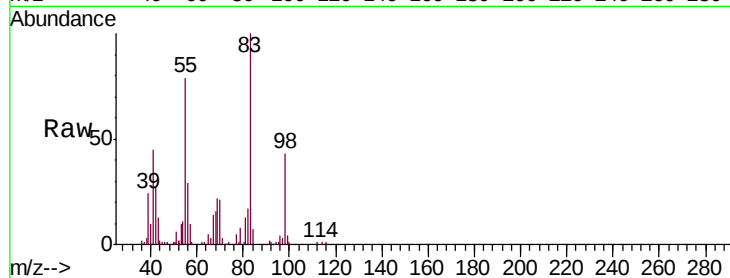
Tgt Ion: 83 Resp: 32828

Ion Ratio Lower Upper

83 100

55 91.0 59.8 89.8#

98 50.8 39.5 59.3



#44

Toluene

Concen: 2.712 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014426.D

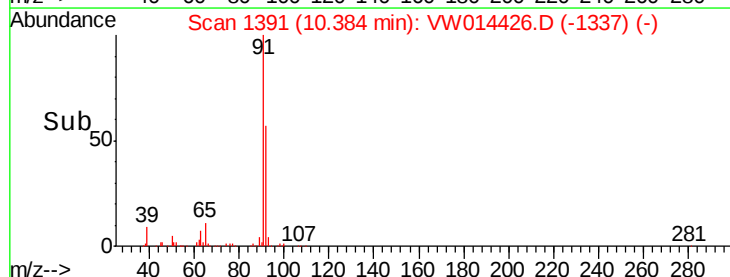
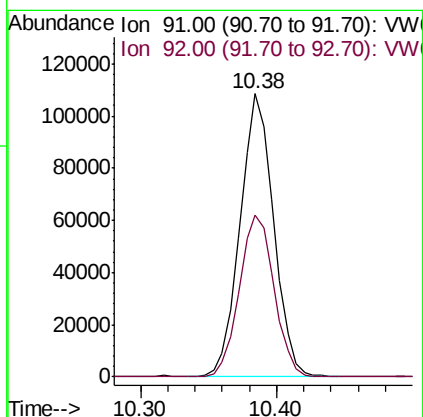
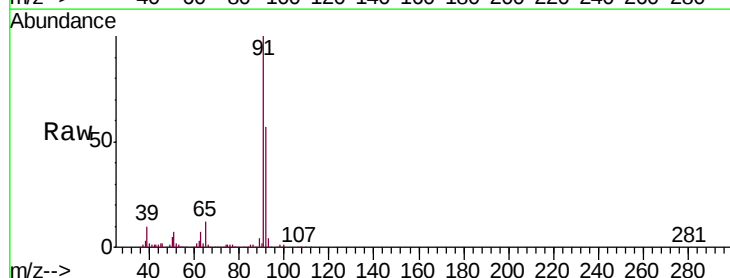
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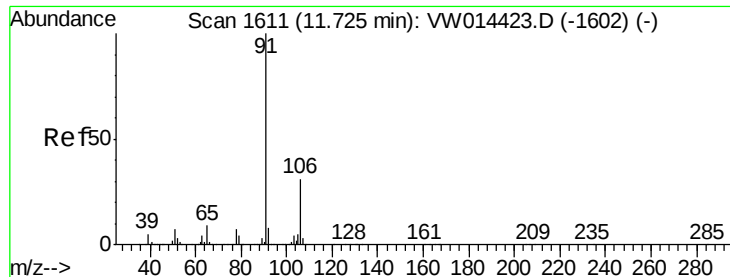
Tgt Ion: 91 Resp: 186295

Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.7





#53

Ethylbenzene

Concen: 0.738 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

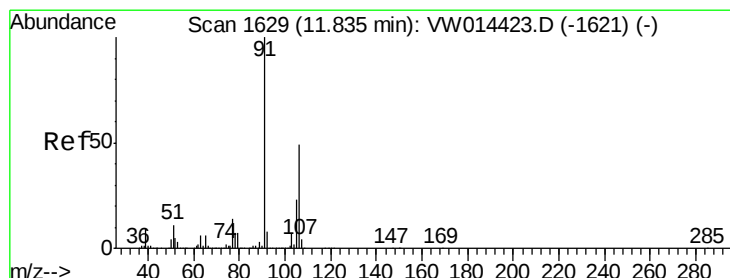
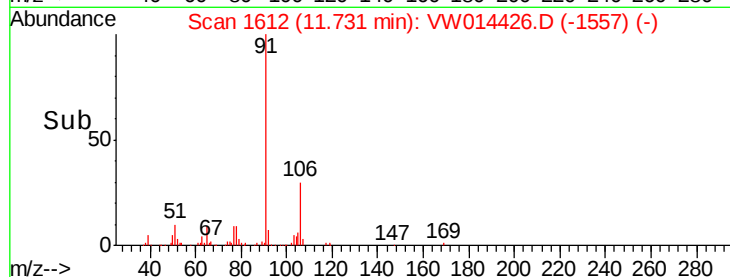
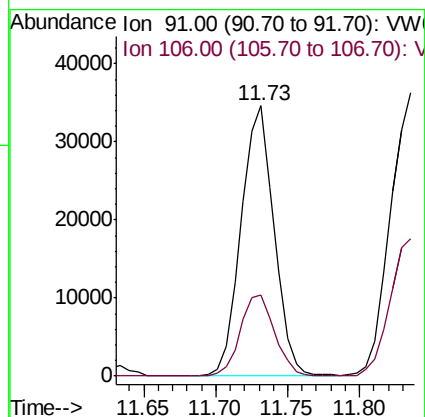
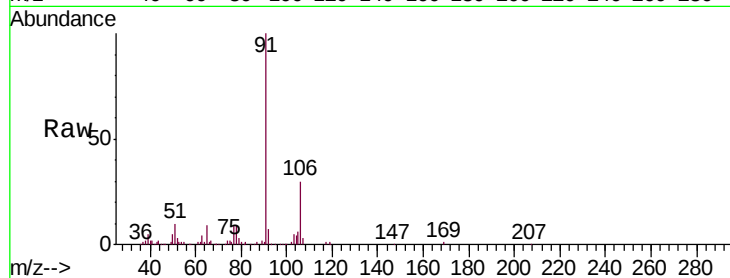
ETK86

Tgt Ion: 91 Resp: 55037

Ion Ratio Lower Upper

91 100

106 30.0 22.3 41.5



#54

m,p-Xylene

Concen: 1.121 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014426.D

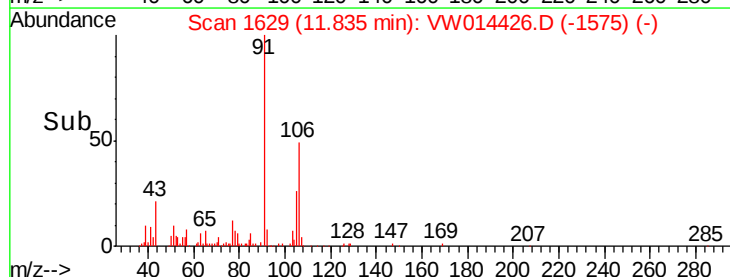
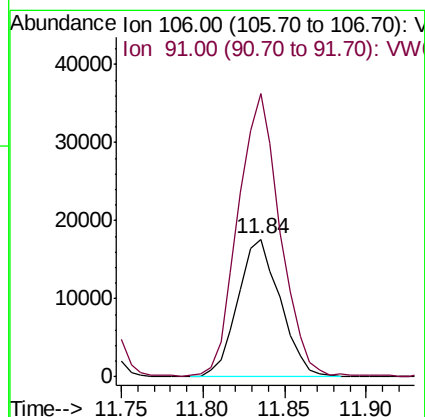
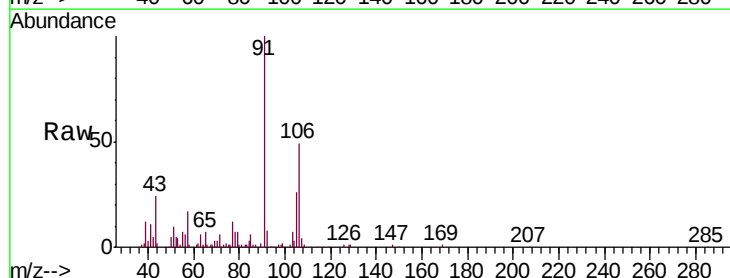
Acq: 18 Dec 2019 12:22

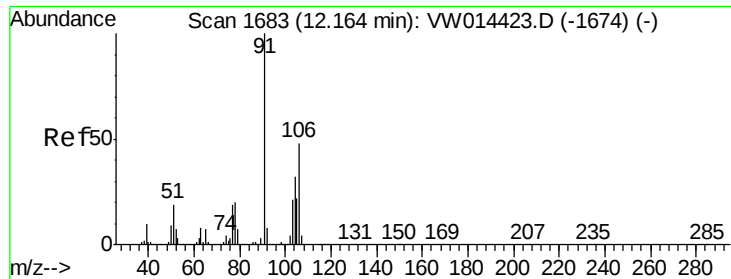
Tgt Ion: 106 Resp: 32124

Ion Ratio Lower Upper

106 100

91 206.0 138.7 257.5





#55
o-xylene
Concen: 0.509 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014426.D
Acq: 18 Dec 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
ETK86

Tgt Ion:106 Resp: 13830
Ion Ratio Lower Upper
106 100
91 194.2 148.3 275.5

