

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014352.D
 Acq On : 13 Dec 2019 16:22
 Operator : SY/VA
 Sample : K6270-03
 Misc : 4.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK81

Quant Time: Dec 14 05:41:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1313699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1172605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	520326	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	366319	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
7) Chloroethane-d5	2.89	69	298959	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.01	63	525665	14.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.84%
20) 2-Butanone-d5	7.07	46	256038	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
24) Chloroform-d	7.64	84	712195	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	8.31	65	409121	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.27	84	1492495	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	474847	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.32	98	1315269	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.68%
38) trans-1,3-Dichloropropene-	10.57	79	190325	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.92	63	215429	51.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	409438	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	444459	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

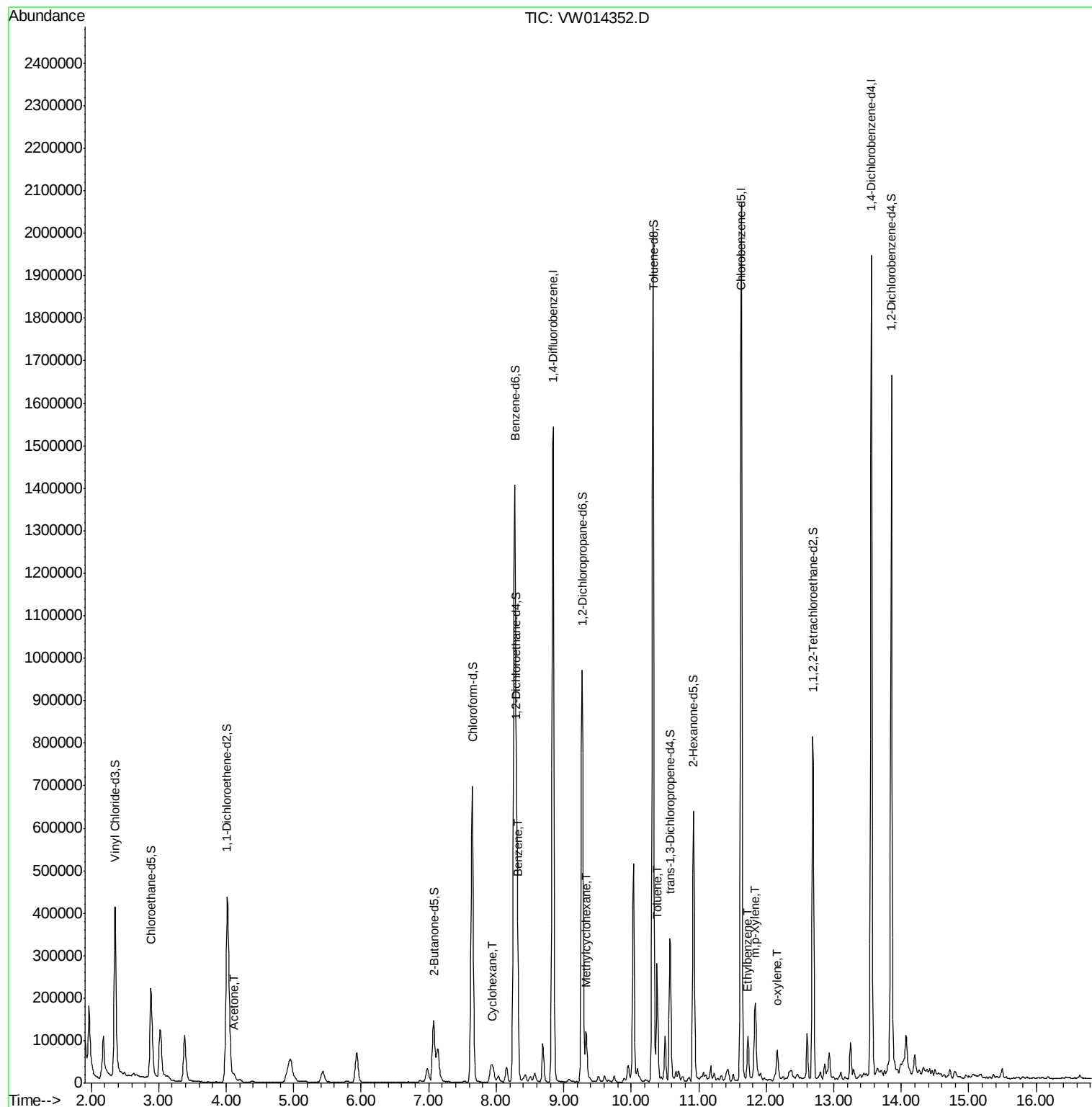
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	24364	4.875	ug/L	99
30) Cyclohexane	7.95	56	24230	0.828	ug/L #	72
34) Benzene	8.32	78	69567	0.937	ug/L	100
36) Methylcyclohexane	9.33	83	39609	1.241	ug/L #	82
44) Toluene	10.38	91	203199	2.610	ug/L	100
53) Ethylbenzene	11.73	91	67262	0.796	ug/L	100
54) m,p-Xylene	11.83	106	41183	1.268	ug/L	100
55) o-xylene	12.16	106	16723	0.543	ug/L	95

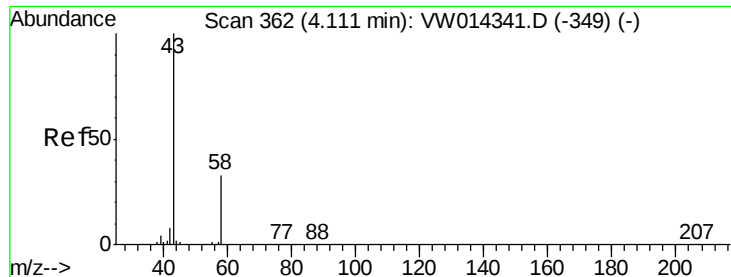
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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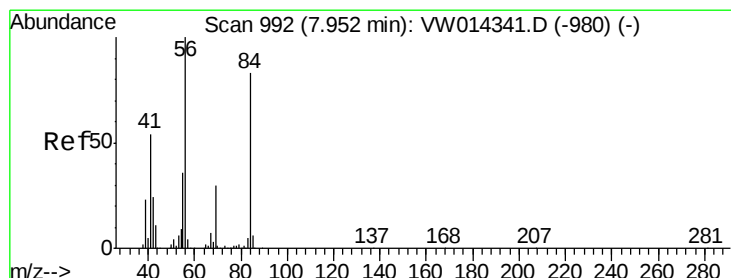
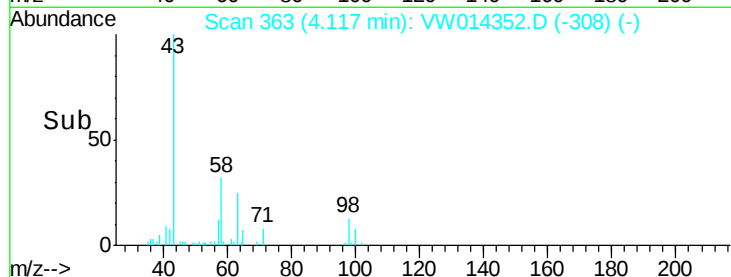
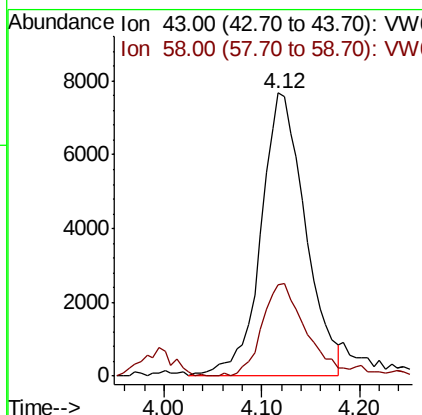
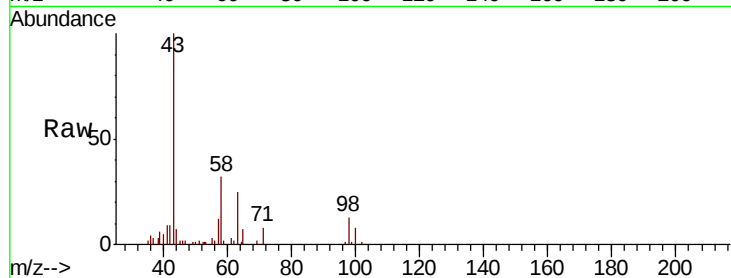




#13
Acetone
Concen: 4.875 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014352.D
Acq: 13 Dec 2019 16:22

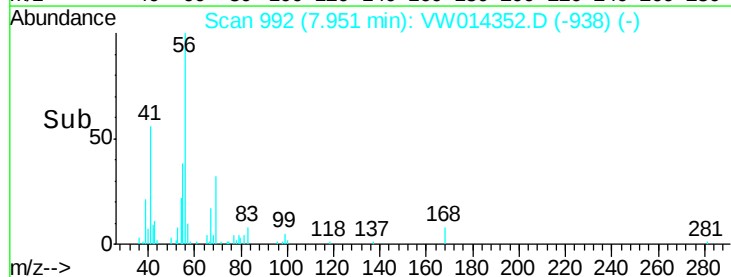
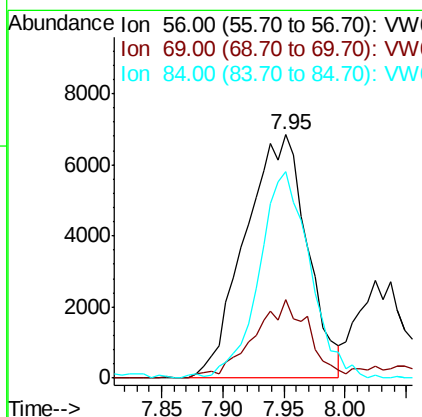
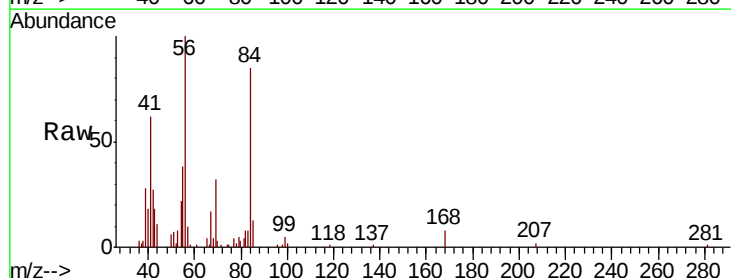
Instrument :
MSVOA_W
ClientSampleId :
ETK81

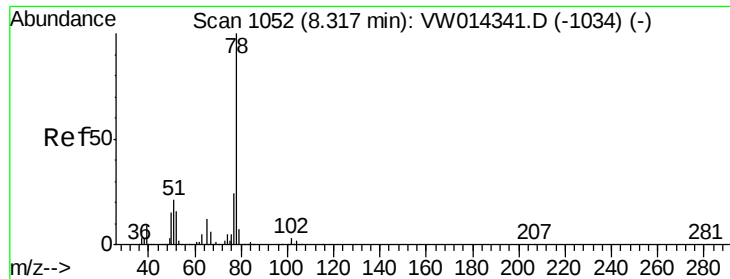
Tot Ion: 43 Resp: 24364
Ion Ratio Lower Upper
43 100
58 32.0 0.0 65.4



#30
Cyclohexane
Concen: 0.828 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014352.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 56 Resp: 24230
Ion Ratio Lower Upper
56 100
69 1.8 24.6 37.0#
84 69.3 70.2 105.2#





#34

Benzene

Concen: 0.937 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014352.D

Acq: 13 Dec 2019 16:22

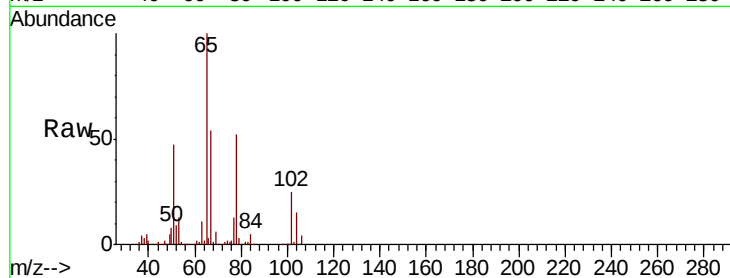
Instrument :

MSVOA_W

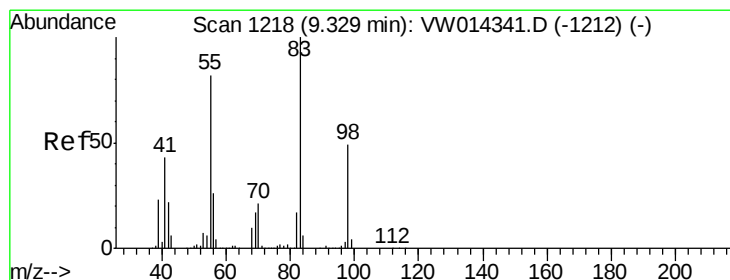
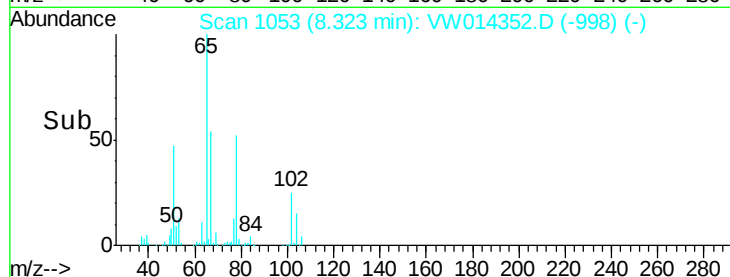
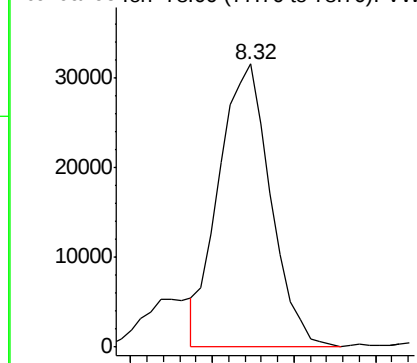
ClientSampleId :

ETK81

Tgt Ion: 78 Resp: 69567



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 1.241 ug/L

RT: 9.33 min Scan# 1218

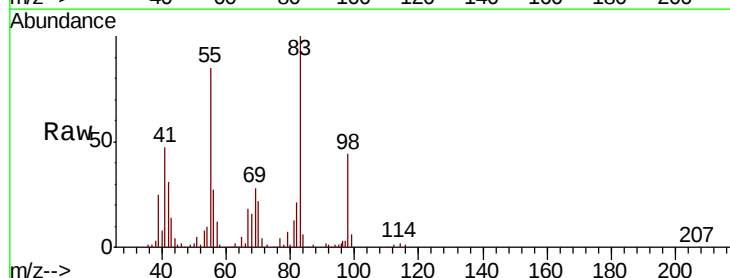
Delta R.T. -0.00 min

Lab File: VW014352.D

Acq: 13 Dec 2019 16:22

Tgt Ion: 83 Resp: 39609

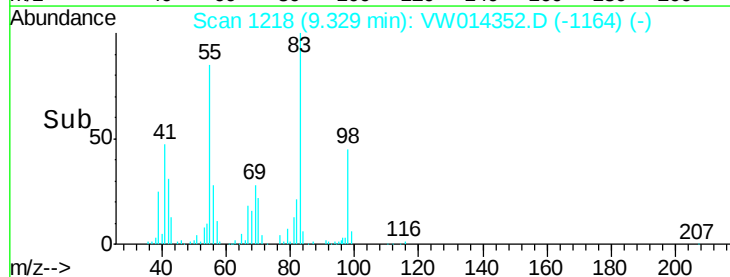
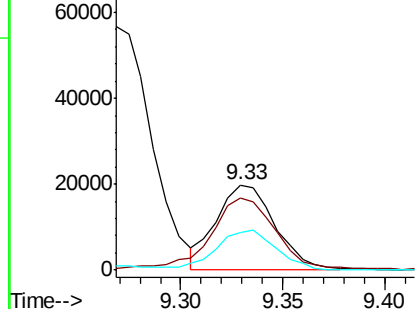
Ion	Ratio	Lower	Upper
83	100		
55	98.7	59.8	89.8#
98	47.1	39.5	59.3

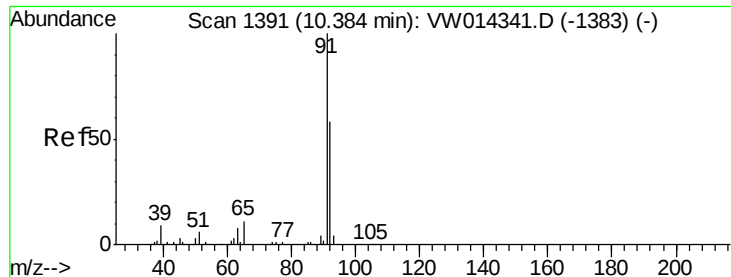


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 2.610 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014352.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

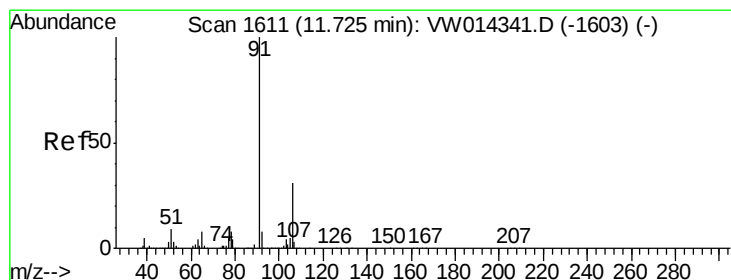
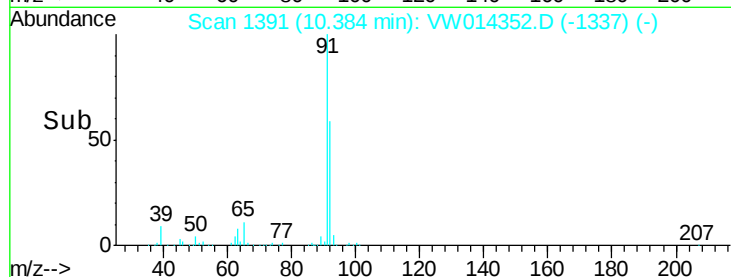
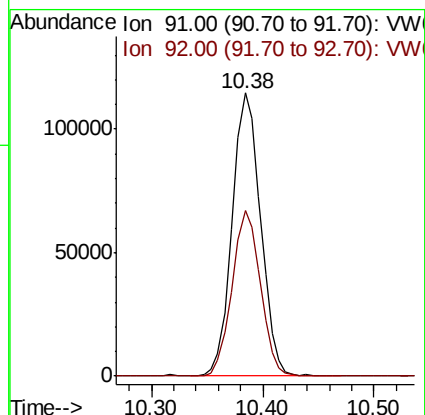
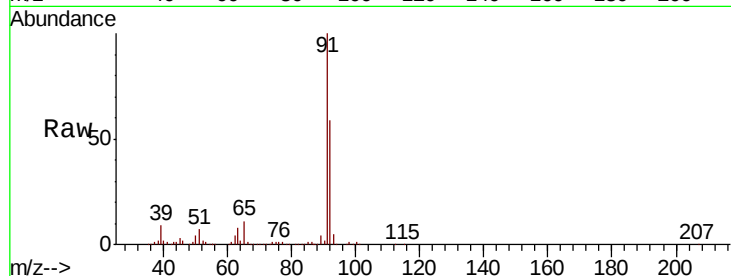
ETK81

Tot Ion: 91 Resp: 203199

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.7



#53

Ethylbenzene

Concen: 0.796 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014352.D

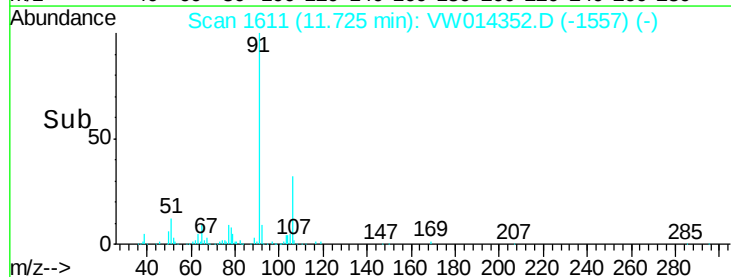
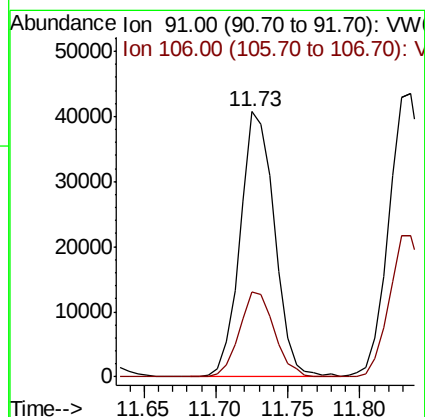
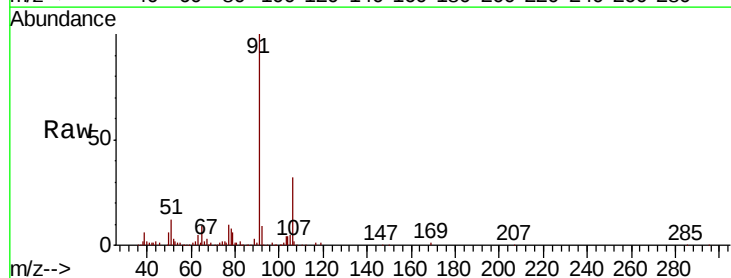
Acq: 13 Dec 2019 16:22

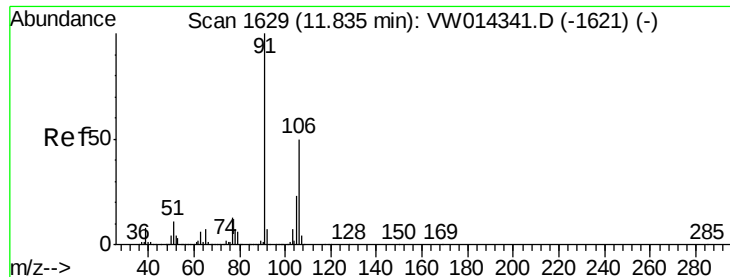
Tgt Ion: 91 Resp: 67262

Ion Ratio Lower Upper

91 100

106 31.9 22.3 41.5





#54

m,p-Xylene

Concen: 1.268 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014352.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

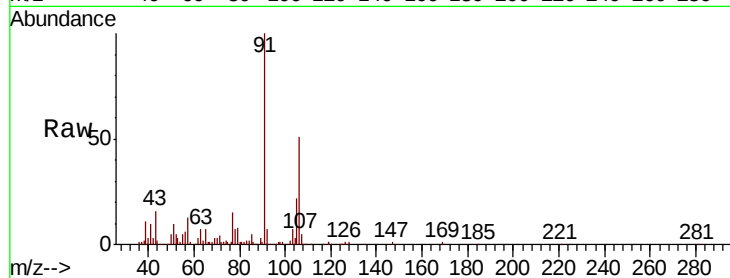
ETK81

Tot Ion:106 Resp: 41183

Ion Ratio Lower Upper

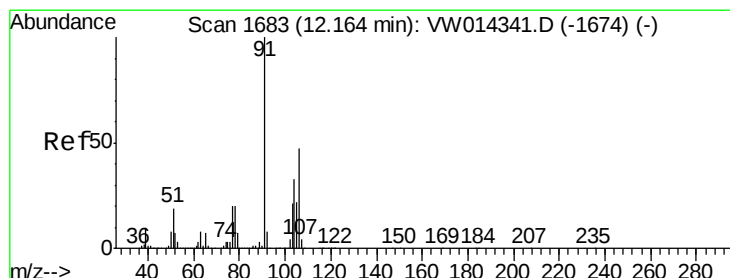
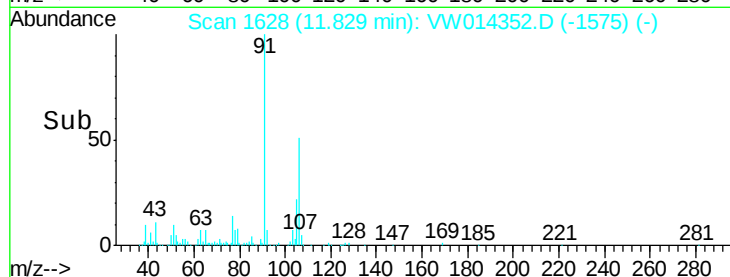
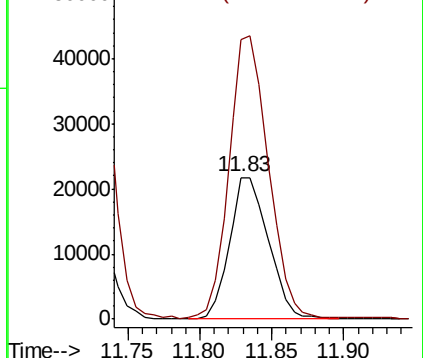
106 100

91 197.4 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.543 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014352.D

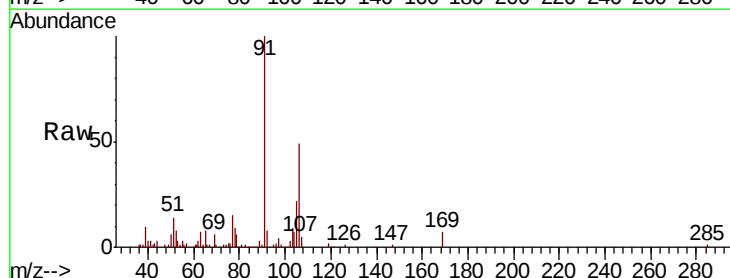
Acq: 13 Dec 2019 16:22

Tgt Ion:106 Resp: 16723

Ion Ratio Lower Upper

106 100

91 203.8 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

