

Data File : VW014425.D
Acq On : 18 Dec 2019 11:55
Operator : SY/VA
Sample : K6270-12RE
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK88

Quant Time: Dec 19 01:09:14 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) 1,1,2,2-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

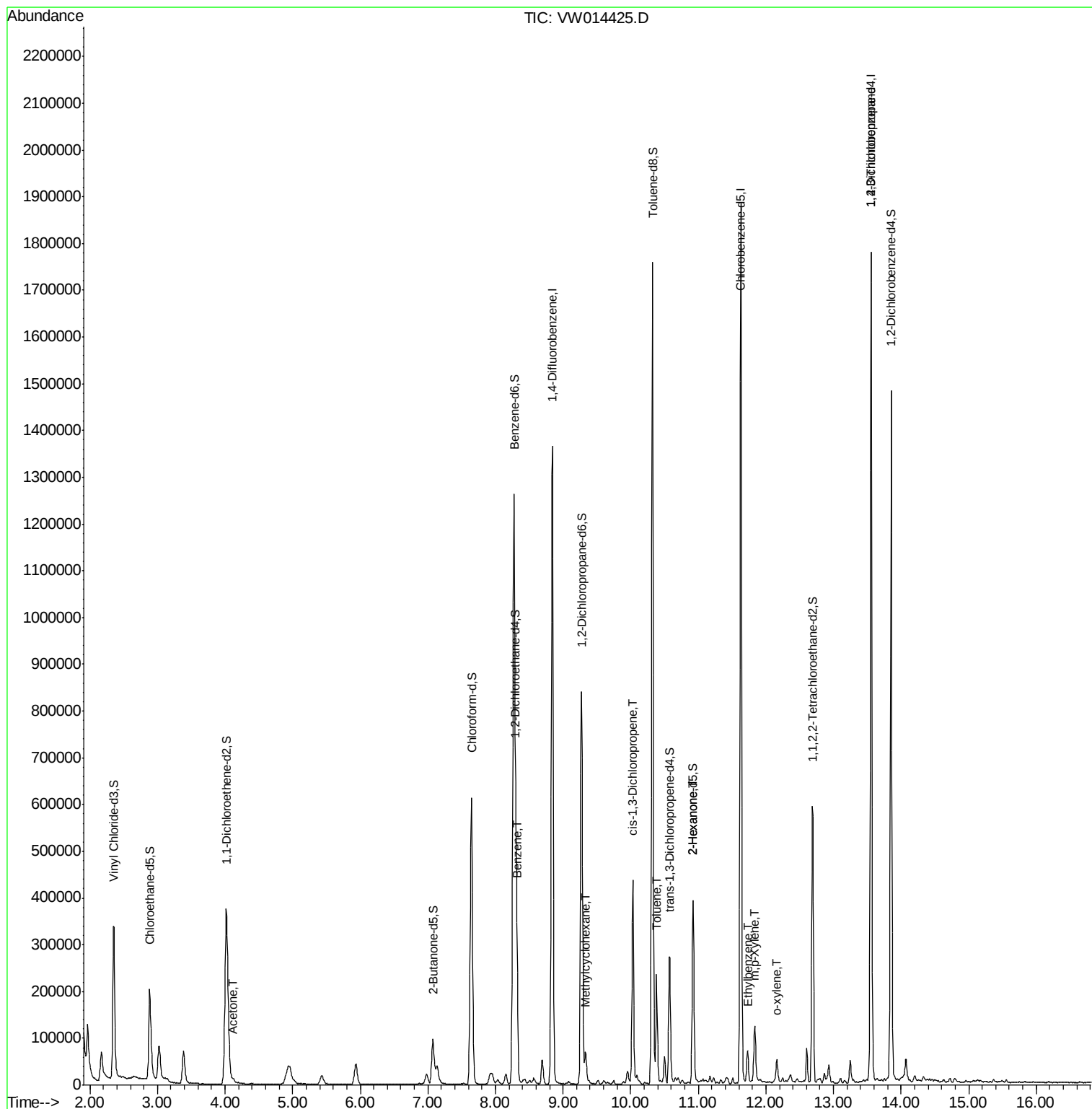
					Qvalue
13) Acetone	4.12	43	13254	3.027 ug/L	97
34) Benzene	8.32	78	83645	1.250 ug/L	100
36) Methylcyclohexane	9.34	83	21203	0.737 ug/L #	79
42) cis-1,3-Dichloropropene	10.03	75	10399	0.404 ug/L #	55
44) Toluene	10.38	91	170571	2.431 ug/L	96
49) 2-Hexanone	10.92	43	20626	2.555 ug/L #	58
53) Ethylbenzene	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
59) 1,2,3-Trichloropropane	13.55	75	56672	4.769 ug/L	90

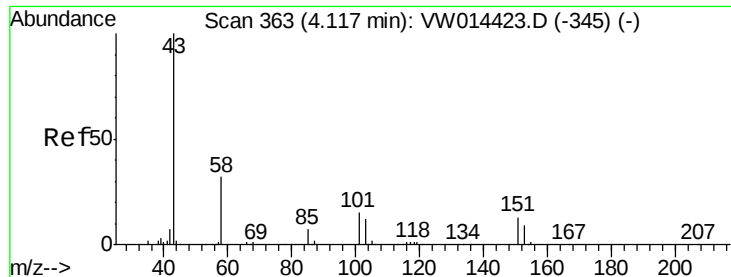
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Instrument :

MSVOA_W

ClientSampleId :

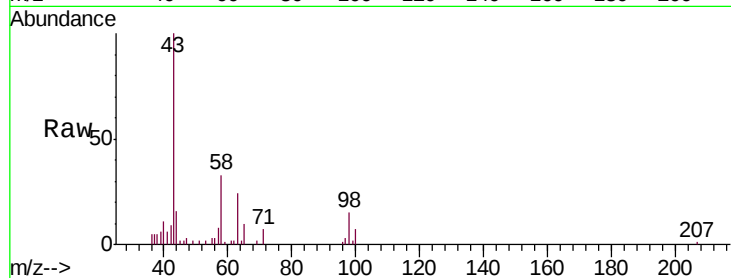
ETK88

Tgt Ion: 43 Resp: 13254

Ion Ratio Lower Upper

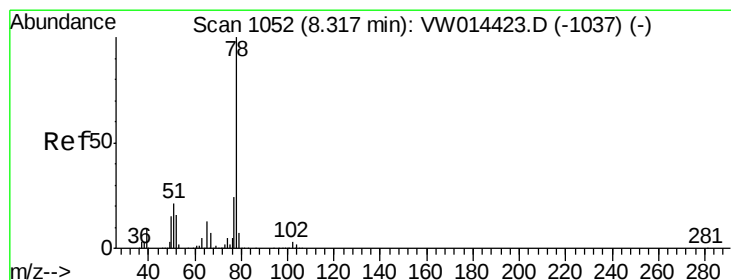
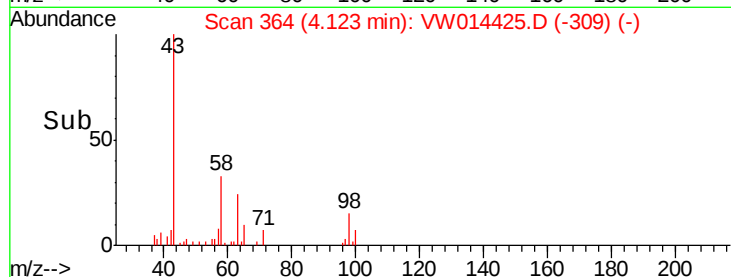
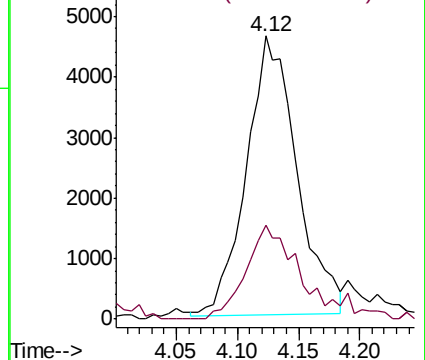
43 100

58 31.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 1.250 ug/L

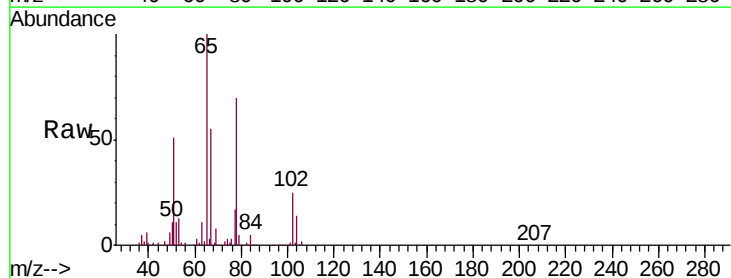
RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

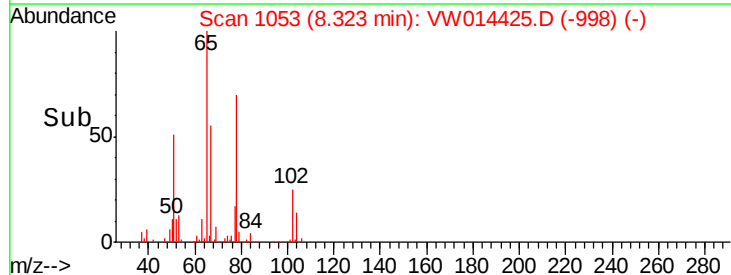
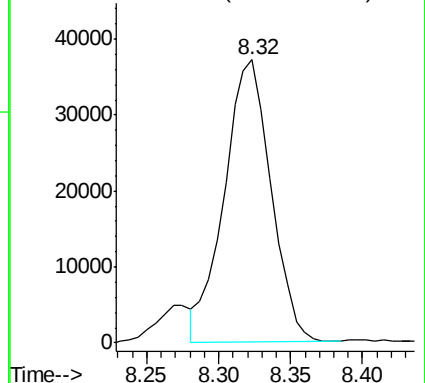
Lab File: VW014425.D

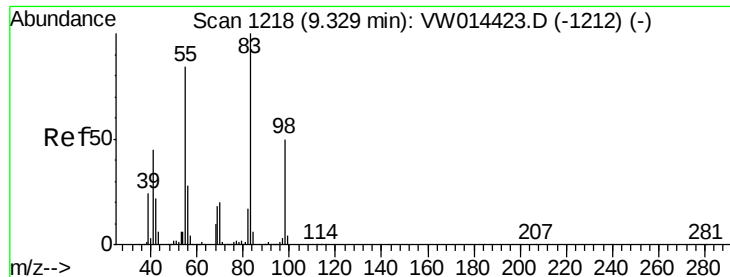
Acq: 18 Dec 2019 11:55

Tgt Ion: 78 Resp: 83645



Abundance Ion 78.00 (77.70 to 78.70): VW

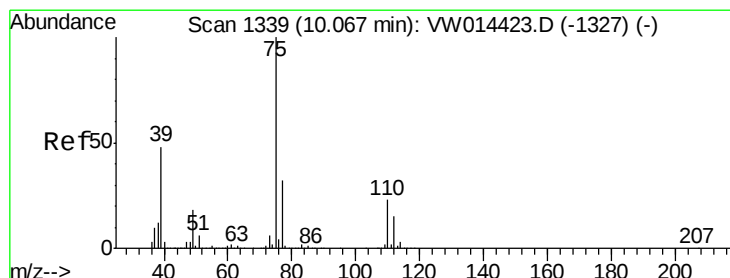
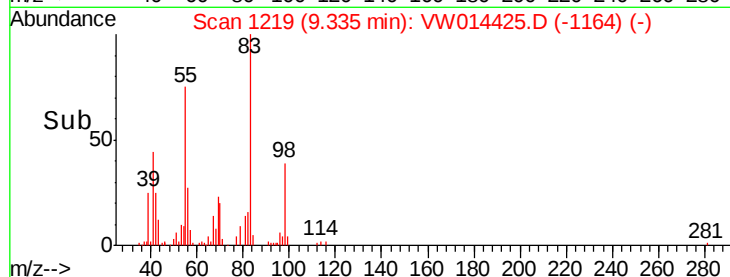
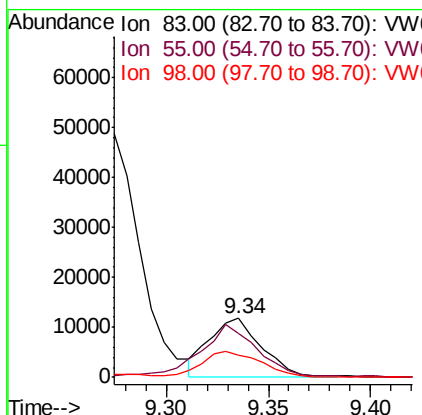
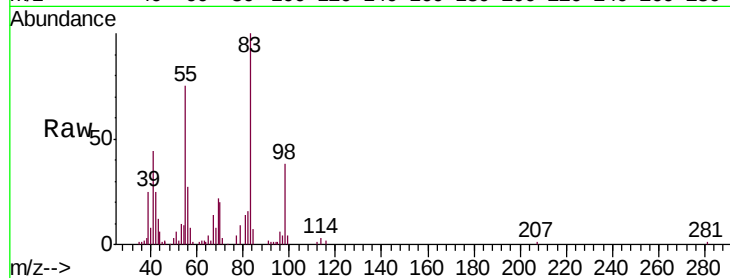




#36
Methylcyclohexane
Concen: 0.737 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

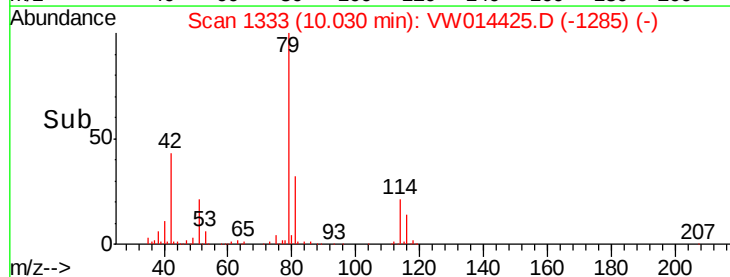
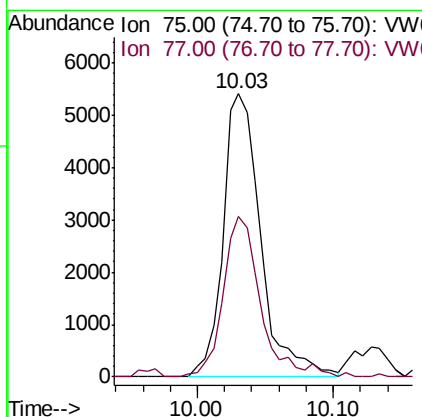
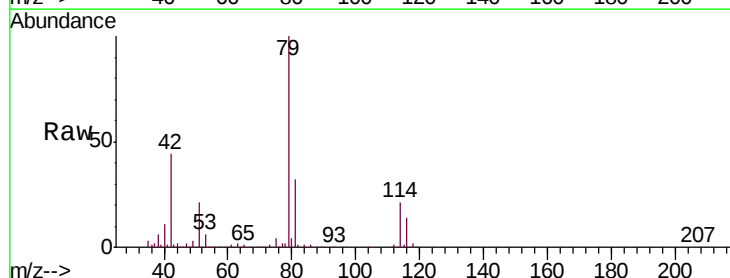
Instrument :
MSVOA_W
ClientSampleId :
ETK88

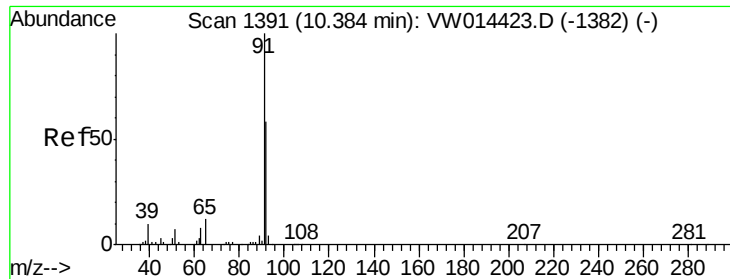
Tgt Ion: 83 Resp: 21203
Ion Ratio Lower Upper
83 100
55 103.3 59.8 89.8#
98 50.6 39.5 59.3



#42
cis-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

Tgt Ion: 75 Resp: 10399
Ion Ratio Lower Upper
75 100
77 56.5 22.1 41.1#





#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

Instrument :

MSVOA_W

ClientSampled :

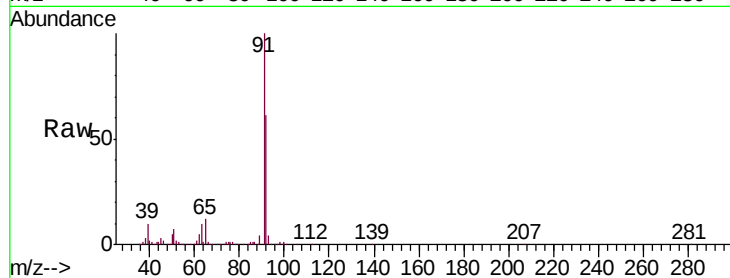
ETK88

Tgt Ion: 91 Resp: 170571

Ion Ratio Lower Upper

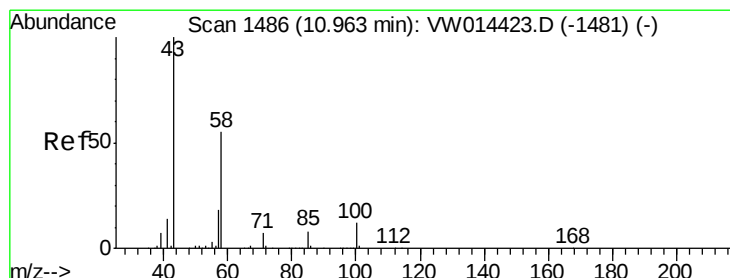
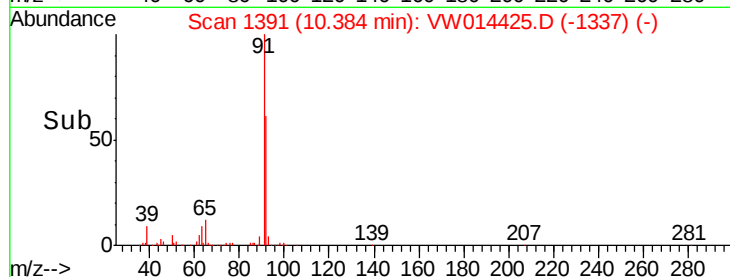
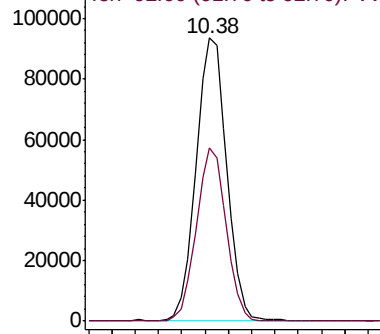
91 100

92 61.4 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#49

2-Hexanone

Concen: 2.555 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014425.D

Acq: 18 Dec 2019 11:55

Tgt Ion: 43 Resp: 20626

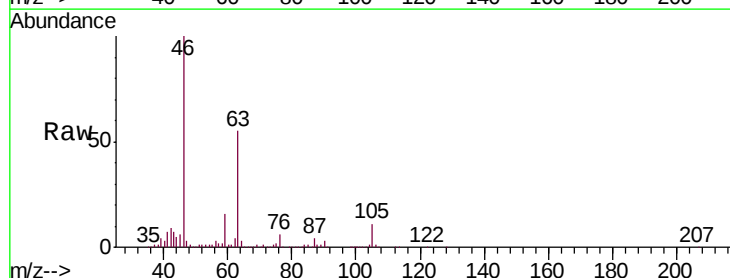
Ion Ratio Lower Upper

43 100

58 22.7 44.4 66.6#

57 39.8 16.5 24.7#

100 2.5 11.1 16.7#

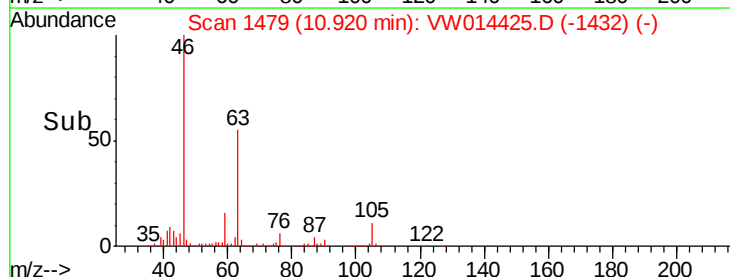
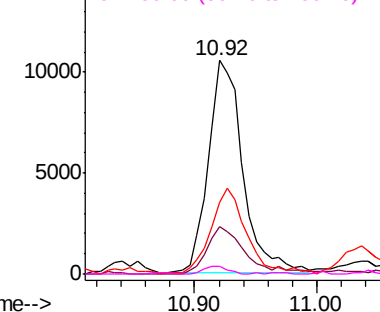


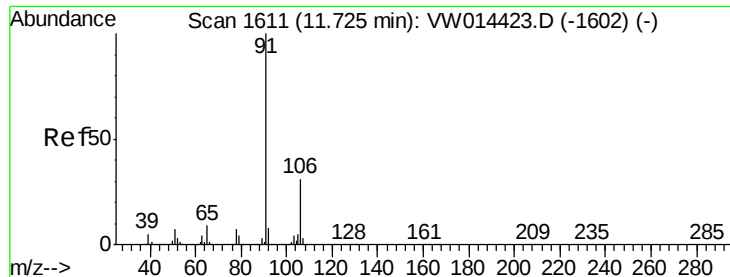
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#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 :

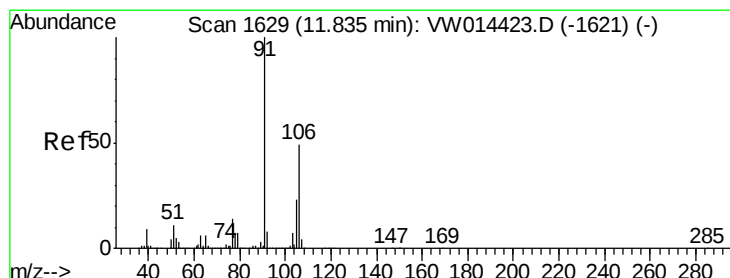
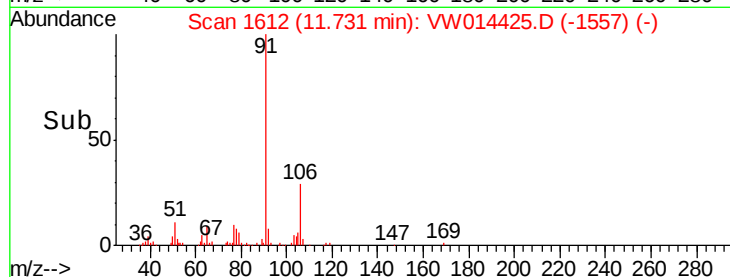
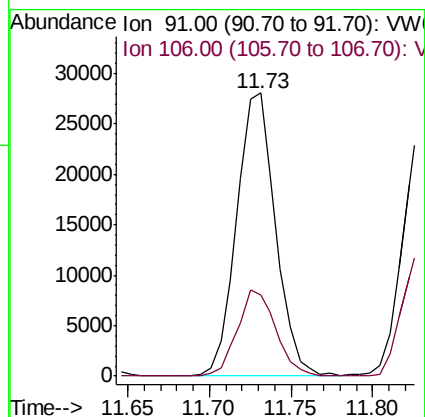
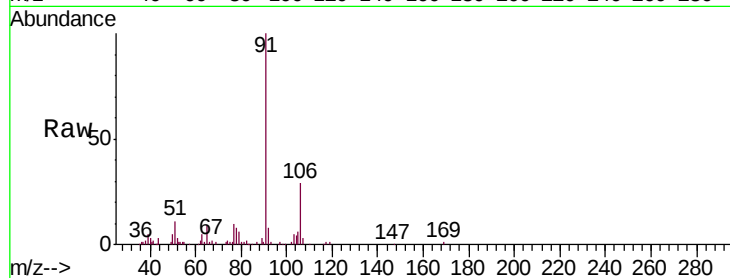
ETK88

Tgt 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

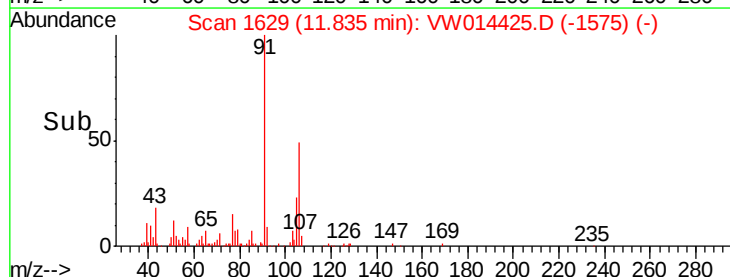
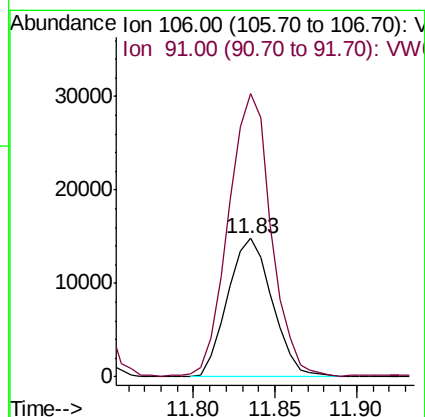
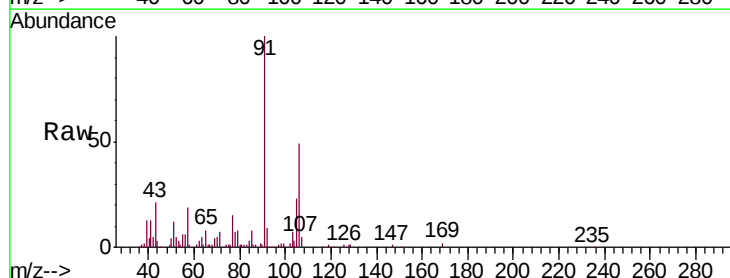
Acq: 18 Dec 2019 11:55

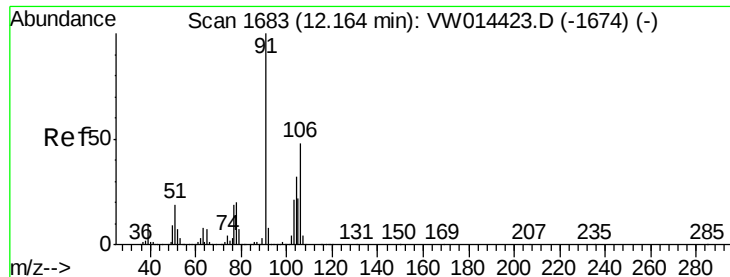
Tgt Ion: 106 Resp: 28351

Ion Ratio Lower Upper

106 100

91 204.7 138.7 257.5

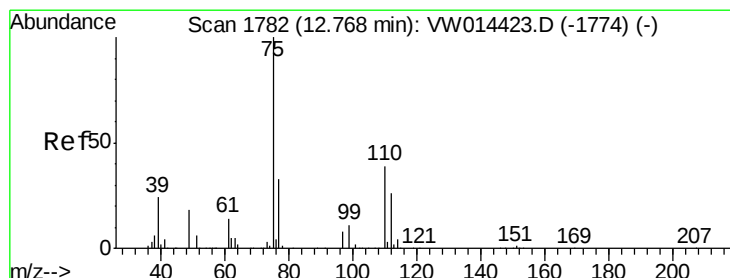
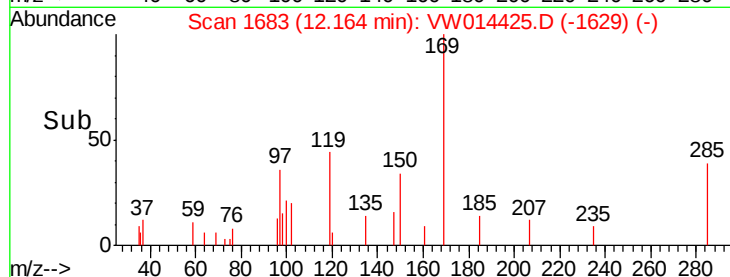
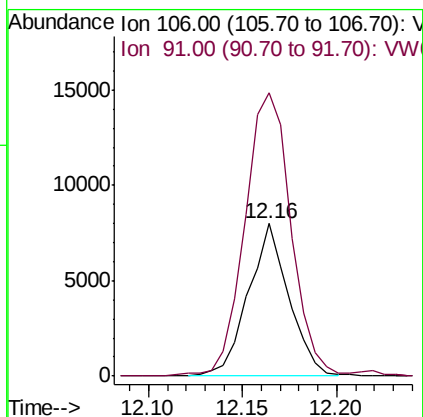
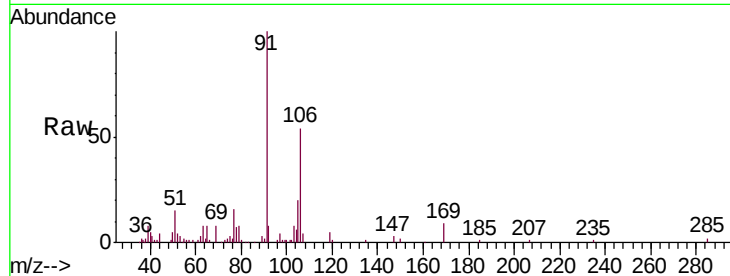




#55
o-xylene
Concen: 0.430 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
ETK88

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



#59
1,2,3-Trichloropropane
Concen: 4.769 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014425.D
Acq: 18 Dec 2019 11:55

Tgt Ion: 75 Resp: 56672
Ion Ratio Lower Upper
75 100
77 37.8 25.9 38.9

