

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014204.D
 Acq On : 02 Dec 2019 15:28
 Operator : SY/VA
 Sample : K6089-15RE
 Misc : 2.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR3RE

Quant Time: Dec 02 17:16:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 16:00:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	91488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	33993	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35994	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	2.89	69	41930	35.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.72%
10) 1,1-Dichloroethene-d2	4.01	63	48157	16.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	61402	144.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	289.60%#
24) Chloroform-d	7.65	84	113392	40.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	161.24%#
26) 1,2-Dichloroethane-d4	8.31	65	54736	38.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.80%#
29) Benzene-d6	8.27	84	182677	75.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	302.96%#
33) 1,2-Dichloropropane-d6	9.27	67	65988	93.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	373.60%#
37) Toluene-d8	10.32	98	70323	30.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.00%
38) trans-1,3-Dichloropropene-	10.58	79	6911	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	10.92	63	20894	155.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	311.90%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48180	90.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	361.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	4796	31.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.20%#

Target Compounds

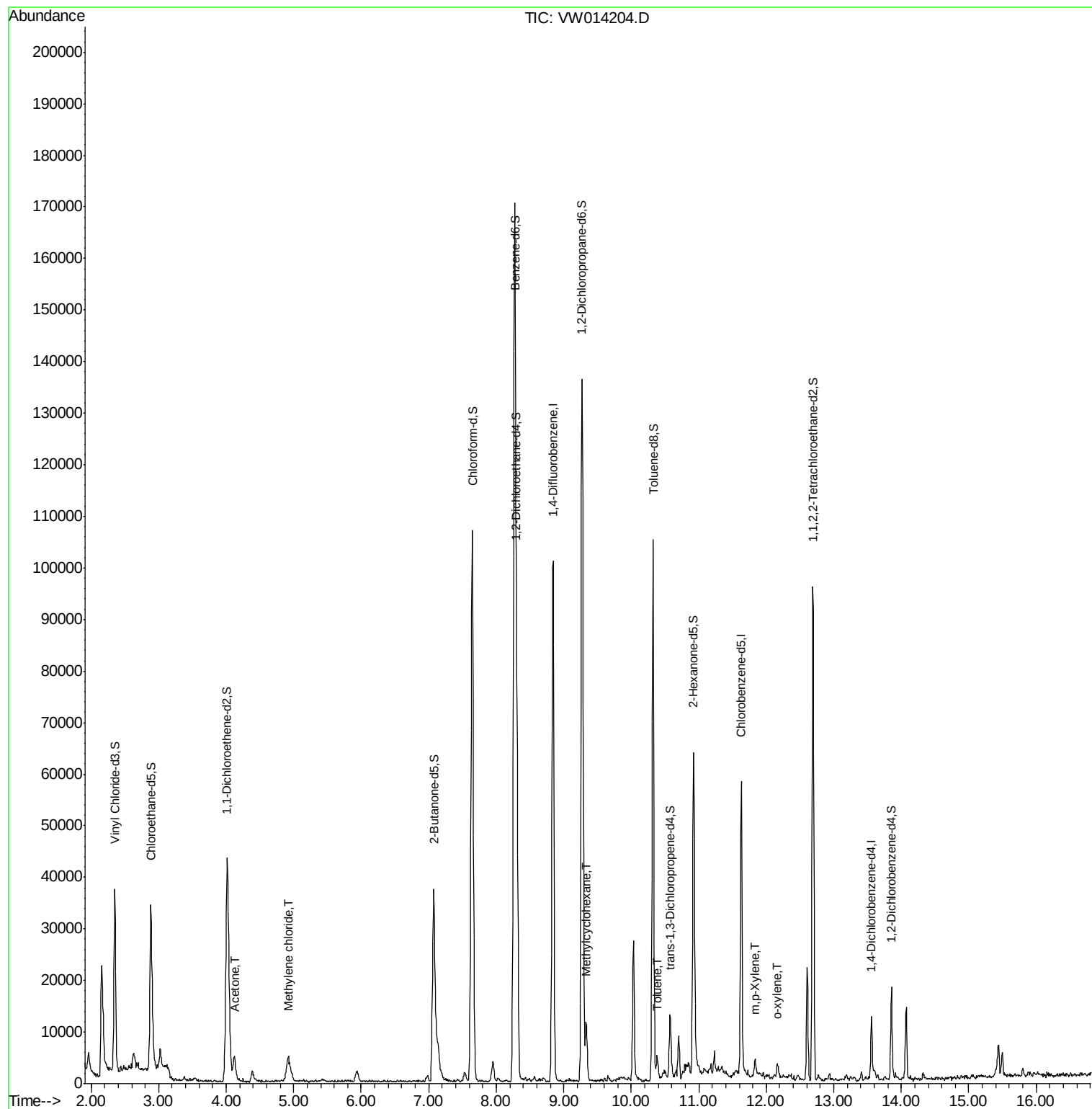
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	8060	18.679	ug/L	98
16) Methylene chloride	4.92	84	3742	2.125	ug/L	91
36) Methylcyclohexane	9.34	83	3533	2.963	ug/L #	81
44) Toluene	10.38	91	4012	1.476	ug/L	85
54) m,p-Xylene	11.84	106	1202	1.037	ug/L #	39
55) o-xylene	12.16	106	533	0.491	ug/L	99

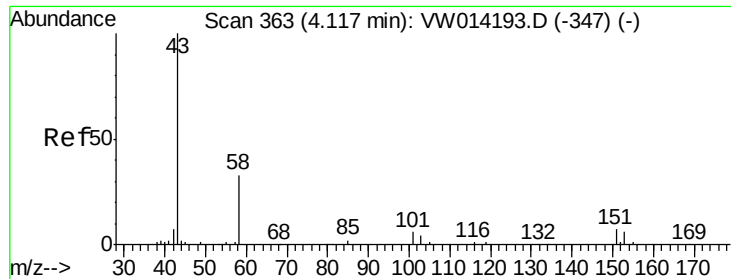
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 02 16:00:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 18.679 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014204.D

Acq: 02 Dec 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

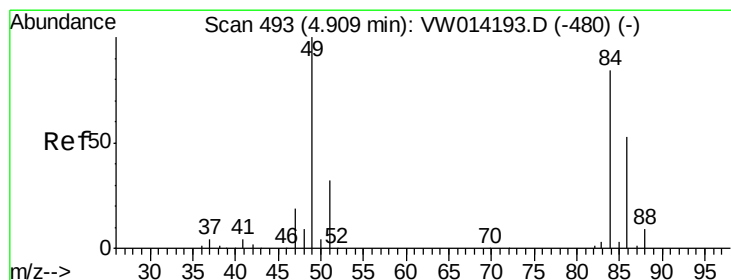
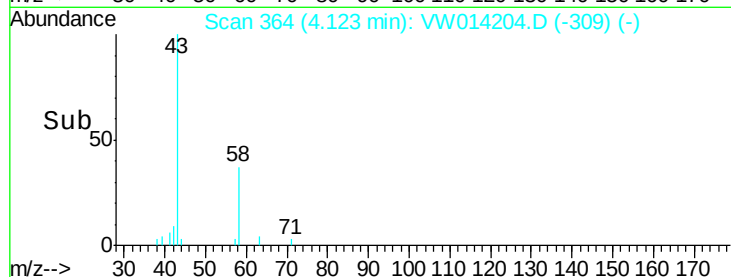
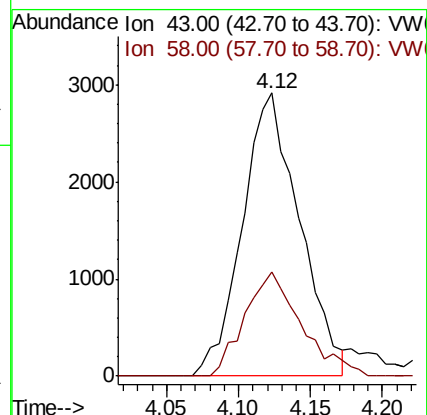
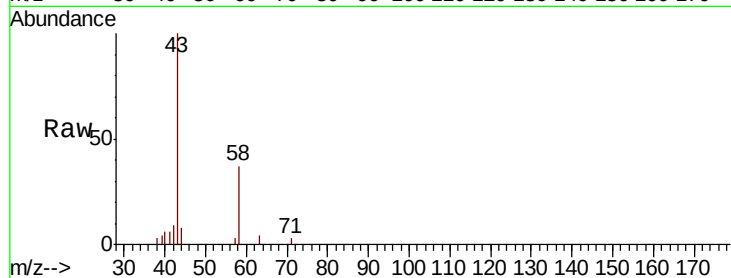
C0BR3RE

Tot Ion: 43 Resp: 8060

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.4



#16

Methylene chloride

Concen: 2.125 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014204.D

Acq: 02 Dec 2019 15:28

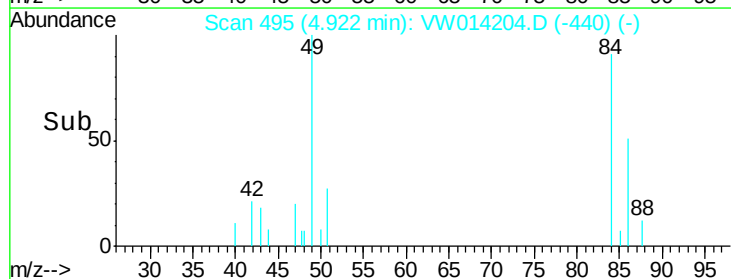
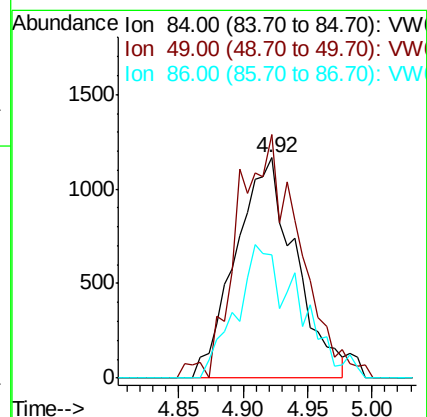
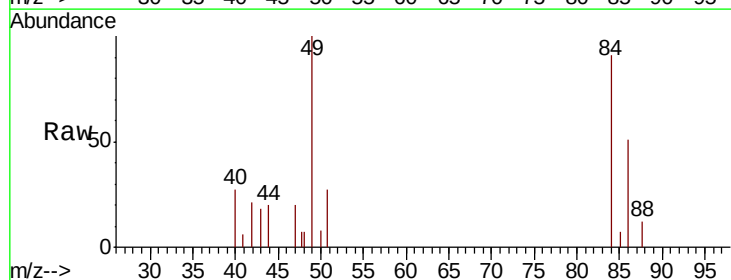
Tgt Ion: 84 Resp: 3742

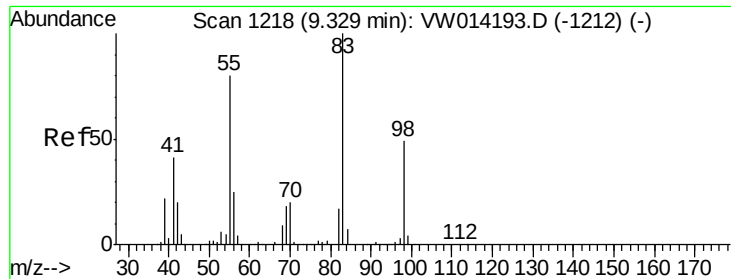
Ion Ratio Lower Upper

84 100

49 110.5 84.2 156.4

86 56.0 43.7 81.1

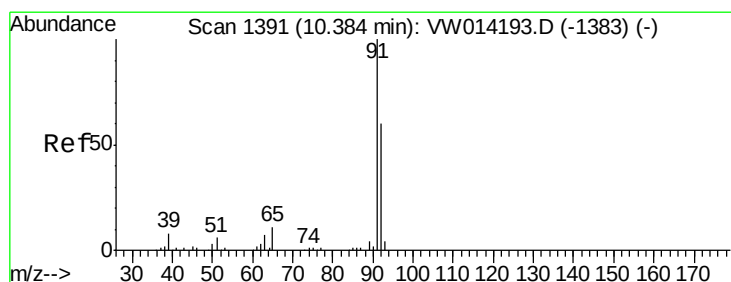
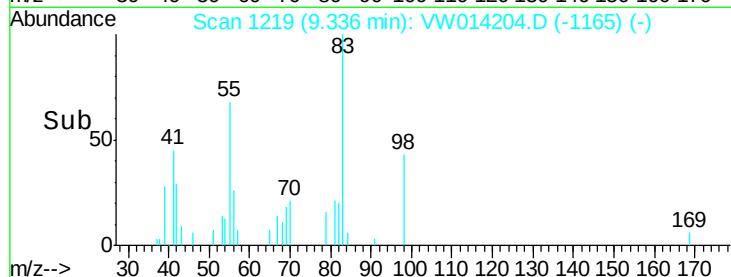
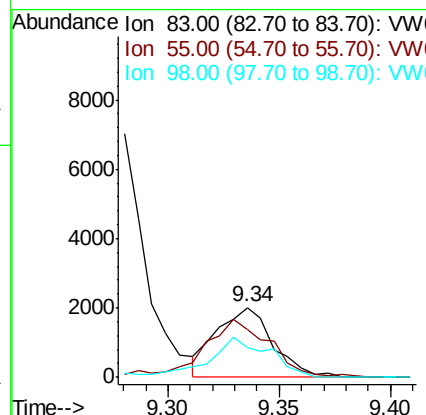
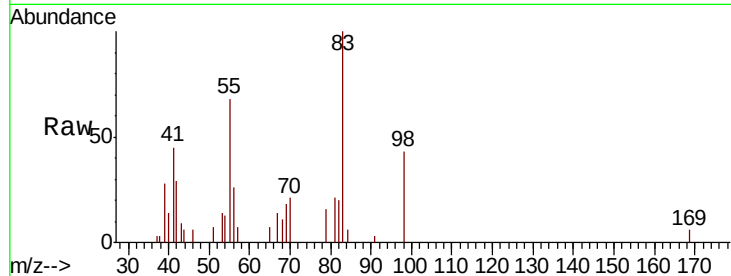




#36
Methylcyclohexane
Concen: 2.963 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014204.D
Acq: 02 Dec 2019 15:28

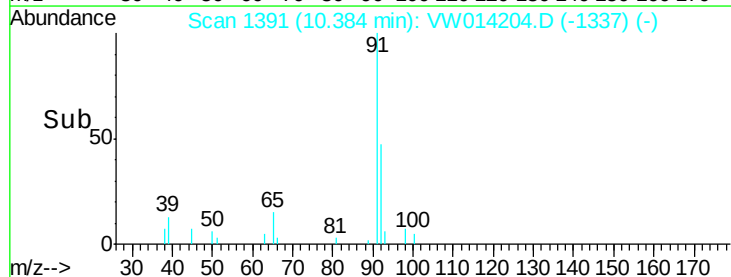
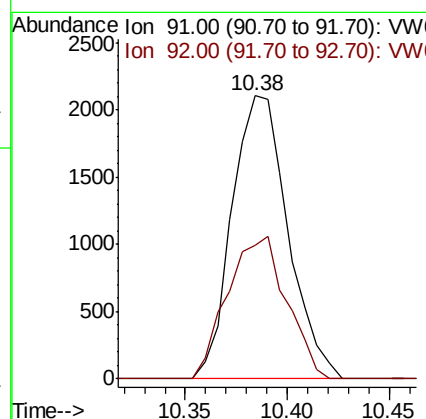
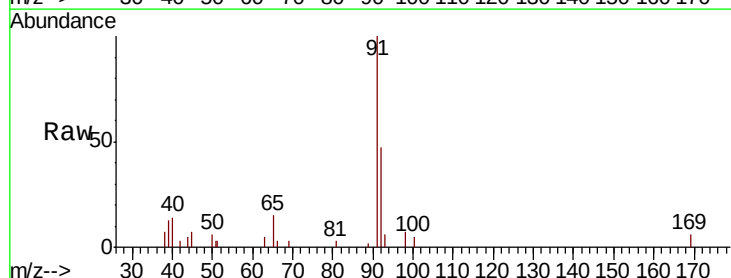
Instrument :
MSVOA_W
ClientSampleId :
C0BR3RE

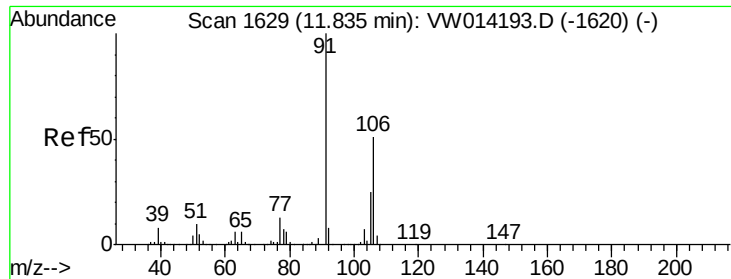
Tot Ion: 83 Resp: 3533
Ion Ratio Lower Upper
83 100
55 93.8 59.8 89.8#
98 39.3 39.5 59.3#



#44
Toluene
Concen: 1.476 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014204.D
Acq: 02 Dec 2019 15:28

Tgt Ion: 91 Resp: 4012
Ion Ratio Lower Upper
91 100
92 47.0 40.7 75.7





#54

m,p-Xylene

Concen: 1.037 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014204.D

Acq: 02 Dec 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

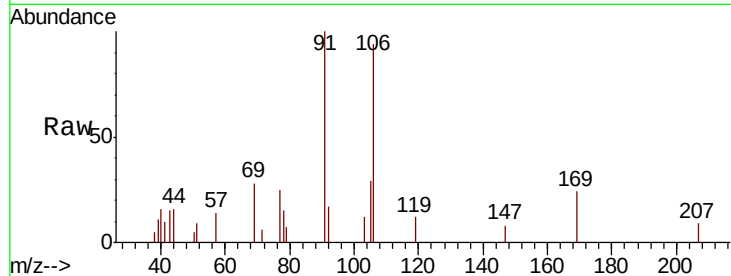
C0BR3RE

Tot Ion:106 Resp: 1202

Ion Ratio Lower Upper

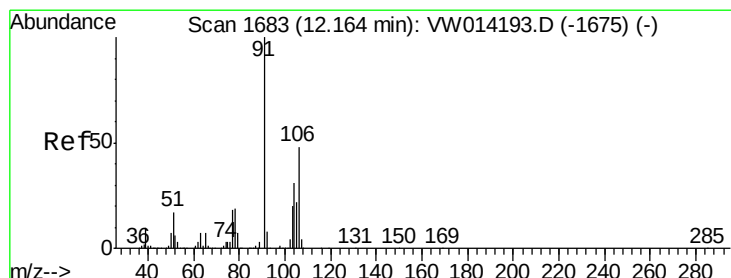
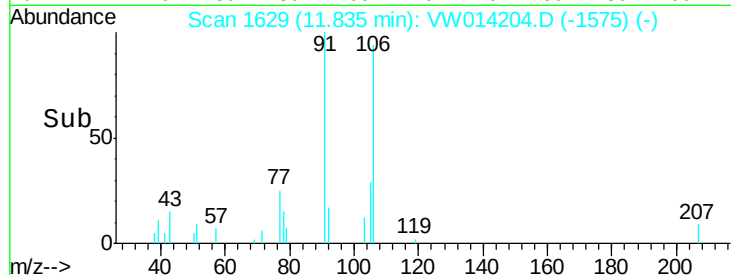
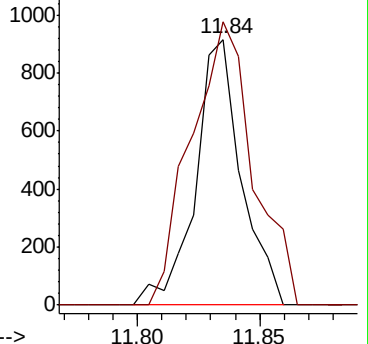
106 100

91 106.6 138.7 257.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.491 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014204.D

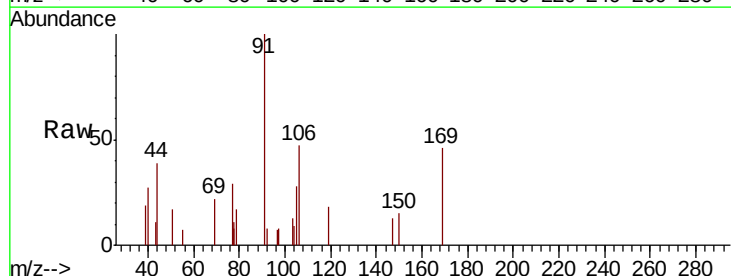
Acq: 02 Dec 2019 15:28

Tgt Ion:106 Resp: 533

Ion Ratio Lower Upper

106 100

91 210.9 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

